

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
 Data File : BM018121.D
 Acq On : 13 Dec 2018 08:55
 Operator : JU/SJ
 Sample : J6171-15 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y25

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.587	436	442	448	rVB3	65648	103661	2.13%	0.164%
2	7.546	769	775	788	rVV	517101	908695	18.67%	1.437%
3	8.710	967	973	976	rVV4	48352	85531	1.76%	0.135%
4	8.746	976	979	987	rVB2	51642	81551	1.68%	0.129%
5	9.710	1136	1143	1150	rBV2	55886	100996	2.07%	0.160%
6	10.175	1213	1222	1230	rBV2	21807	79068	1.62%	0.125%
7	10.310	1232	1245	1250	rVV	649271	1283221	26.36%	2.029%
8	10.357	1250	1253	1259	rVV2	102300	191452	3.93%	0.303%
9	10.416	1259	1263	1267	rVV	62027	95979	1.97%	0.152%
10	10.522	1276	1281	1287	rVB	47726	78153	1.61%	0.124%
11	11.216	1393	1399	1405	rVB4	42795	85323	1.75%	0.135%
12	11.322	1413	1417	1422	rBV3	61798	106671	2.19%	0.169%
13	11.410	1428	1432	1437	rVB2	57273	97566	2.00%	0.154%
14	11.728	1483	1486	1492	rVV2	47999	75526	1.55%	0.119%
15	11.940	1515	1522	1524	rBV3	47595	87112	1.79%	0.138%
16	11.981	1524	1529	1536	rVB	221658	384258	7.89%	0.608%
17	12.204	1559	1567	1577	rVV2	162727	376838	7.74%	0.596%
18	12.292	1577	1582	1590	rVB2	76627	129105	2.65%	0.204%
19	12.428	1600	1605	1614	rBV6	48139	108478	2.23%	0.172%
20	12.516	1614	1620	1626	rVB3	67198	120200	2.47%	0.190%
21	12.592	1630	1633	1640	rVB7	48515	86888	1.78%	0.137%
22	12.710	1647	1653	1658	rVV3	97729	162138	3.33%	0.256%
23	12.839	1670	1675	1681	rBV4	65790	138496	2.85%	0.219%
24	12.975	1694	1698	1700	rBV4	55521	82572	1.70%	0.131%
25	13.110	1716	1721	1727	rVB3	82754	147309	3.03%	0.233%
26	13.216	1734	1739	1741	rBV	111296	180287	3.70%	0.285%
27	13.351	1756	1762	1770	rBV4	209729	573493	11.78%	0.907%
28	13.510	1783	1789	1794	rBV	299787	553023	11.36%	0.874%
29	13.563	1794	1798	1804	rVV	300847	457067	9.39%	0.723%
30	13.616	1804	1807	1810	rVV	64862	79627	1.64%	0.126%
31	13.669	1812	1816	1822	rVB2	137296	186532	3.83%	0.295%
32	13.745	1824	1829	1832	rVV	174364	275796	5.67%	0.436%
33	13.781	1832	1835	1840	rVB3	102814	151762	3.12%	0.240%
34	13.881	1848	1852	1855	rBV	141876	197742	4.06%	0.313%

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35	13.916	1855	1858	1861	rVB2	54123	69785	1.43%	0.110%
36	14.192	1899	1905	1911	rVV2	998704	1552162	31.89%	2.454%
37	14.251	1911	1915	1919	rBV2	122848	199351	4.10%	0.315%
38	14.328	1924	1928	1935	rVB3	94955	170746	3.51%	0.270%
39	14.410	1935	1942	1950	rBV3	348847	1018307	20.92%	1.610%
40	14.492	1950	1956	1962	rBV5	179656	380065	7.81%	0.601%
41	14.592	1967	1973	1982	rVB2	371373	829552	17.04%	1.312%
42	14.675	1982	1987	1992	rBV	338136	509646	10.47%	0.806%
43	14.728	1993	1996	2006	rVB10	84311	167252	3.44%	0.264%
44	14.822	2007	2012	2017	rBV	413673	703552	14.45%	1.112%
45	14.875	2017	2021	2024	rVB	166395	201846	4.15%	0.319%
46	14.916	2025	2028	2031	rVB2	78771	90832	1.87%	0.144%
47	14.986	2034	2040	2044	rBV2	269342	585420	12.03%	0.926%
48	15.157	2064	2069	2072	rBV3	201203	329185	6.76%	0.520%
49	15.198	2073	2076	2079	rVB	97377	100904	2.07%	0.160%
50	15.245	2079	2084	2088	rVB3	201664	331580	6.81%	0.524%
51	15.304	2089	2094	2097	rBV2	285093	520299	10.69%	0.823%
52	15.333	2097	2099	2102	rVV	178524	260975	5.36%	0.413%
53	15.375	2103	2106	2109	rVV3	246034	343112	7.05%	0.543%
54	15.416	2109	2113	2117	rVB3	253113	383324	7.87%	0.606%
55	15.463	2117	2121	2128	rBV2	508970	800278	16.44%	1.265%
56	15.528	2129	2132	2134	rVV2	193103	265182	5.45%	0.419%
57	15.569	2137	2139	2144	rVB	355970	431166	8.86%	0.682%
58	15.628	2144	2149	2152	rBV4	227954	435688	8.95%	0.689%
59	15.669	2153	2156	2159	rVB2	167414	202948	4.17%	0.321%
60	15.704	2159	2162	2168	rVB4	124144	235240	4.83%	0.372%
61	15.769	2168	2173	2176	rBV2	289251	475955	9.78%	0.753%
62	15.939	2196	2202	2214	rVB4	564217	1345305	27.64%	2.127%
63	16.069	2220	2224	2228	rBV2	297814	407345	8.37%	0.644%
64	16.175	2240	2242	2245	rBV3	85699	106541	2.19%	0.168%
65	16.263	2251	2257	2260	rBV7	216948	433386	8.90%	0.685%
66	16.316	2262	2266	2267	rBV2	303938	383740	7.88%	0.607%
67	16.463	2287	2291	2296	rBV4	357378	710077	14.59%	1.123%
68	16.522	2297	2301	2305	rVB4	360621	644220	13.23%	1.019%
69	16.616	2314	2317	2321	rBV5	201751	289712	5.95%	0.458%
70	16.727	2333	2336	2339	rVB2	199272	227228	4.67%	0.359%
71	16.769	2340	2343	2347	rBV	433409	648582	13.32%	1.026%

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72	16.957	2370	2375	2378	rBV	1225075	1638135	33.65%	2.590%
73	16.998	2378	2382	2385	rVV	852925	1032573	21.21%	1.633%
74	17.157	2403	2409	2412	rBV2	312323	775857	15.94%	1.227%
75	17.251	2419	2425	2431	rVB4	282494	699258	14.36%	1.106%
76	17.374	2441	2446	2450	rBV4	413885	823171	16.91%	1.302%
77	17.533	2467	2473	2483	rBV3	509633	1312486	26.96%	2.075%
78	17.680	2494	2498	2505	rBV3	239574	472767	9.71%	0.748%
79	17.833	2520	2524	2528	rBV	976451	1618498	33.25%	2.559%
80	17.880	2528	2532	2540	rVB	1338871	2252529	46.27%	3.562%
81	17.963	2542	2546	2552	rBV3	547094	1189610	24.44%	1.881%
82	18.021	2552	2556	2560	rVV2	1112035	2055600	42.23%	3.250%
83	18.069	2561	2564	2569	rVB2	808739	1112876	22.86%	1.760%
84	18.233	2588	2592	2596	rVB2	499067	690749	14.19%	1.092%
85	18.504	2637	2638	2642	rBV2	269130	418437	8.60%	0.662%
86	18.563	2644	2648	2650	rBV3	627634	857301	17.61%	1.356%
87	18.763	2678	2682	2686	rBV	1704961	2784754	57.21%	4.403%
88	18.857	2696	2698	2701	rVB	605504	607570	12.48%	0.961%
89	18.910	2703	2707	2712	rVV3	541643	964547	19.81%	1.525%
90	19.027	2724	2727	2730	rBV	801400	1054239	21.66%	1.667%
91	19.274	2766	2769	2772	rBV3	487345	528145	10.85%	0.835%
92	19.310	2772	2775	2782	rVB	677254	881984	18.12%	1.395%
93	19.398	2785	2790	2799	rVB	2640227	4867804	100.00%	7.697%
94	19.480	2800	2804	2809	rVB	1017038	1476906	30.34%	2.335%
95	19.898	2866	2875	2878	rBV4	622719	1841707	37.83%	2.912%
96	20.057	2899	2902	2908	rVB	1392427	1782831	36.62%	2.819%
97	20.198	2923	2926	2930	rBV	1495657	2079815	42.73%	3.289%
98	20.245	2931	2934	2938	rVB	1442516	1741498	35.78%	2.754%
99	20.798	3025	3028	3030	rBV	685517	782620	16.08%	1.237%
100	27.615	4184	4187	4188	rBV3	241225	258197	5.30%	0.408%

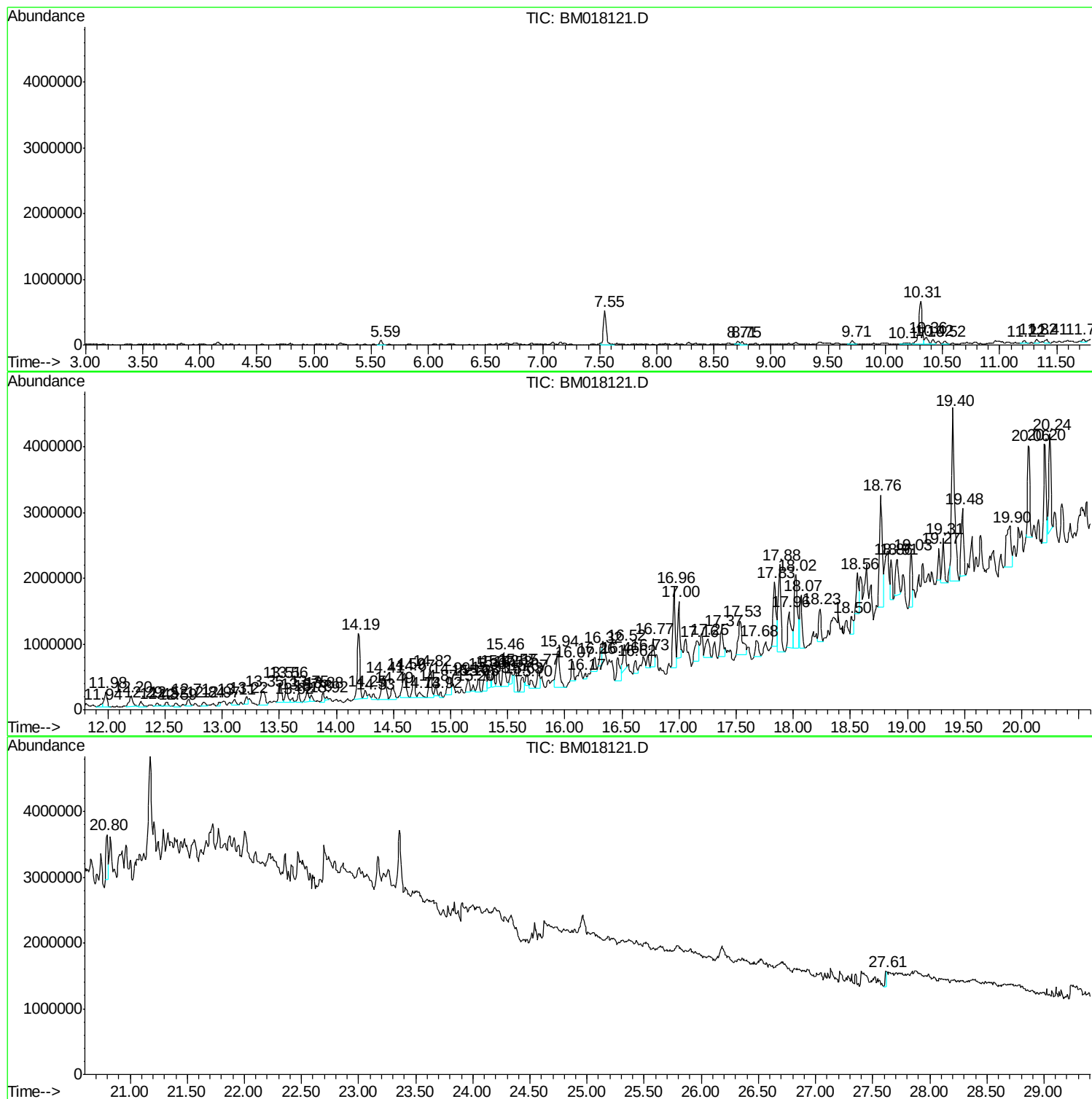
Sum of corrected areas: 63245068

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Instrument :
BNA_M
ClientSampled :
F9Y25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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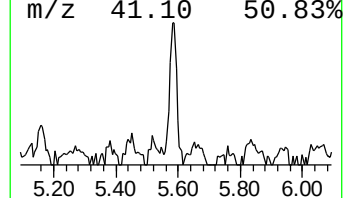
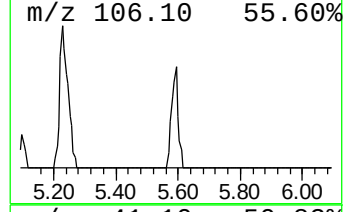
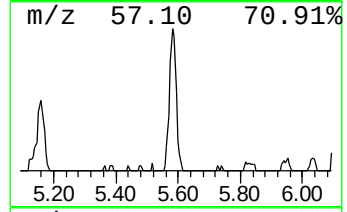
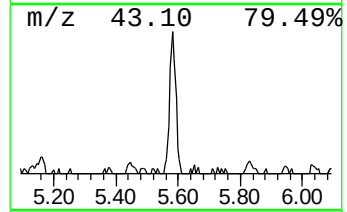
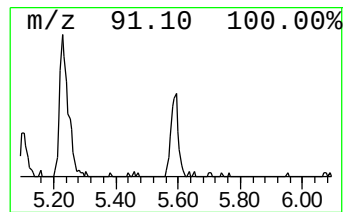
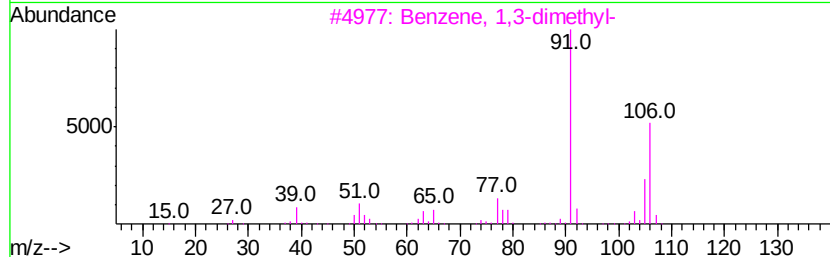
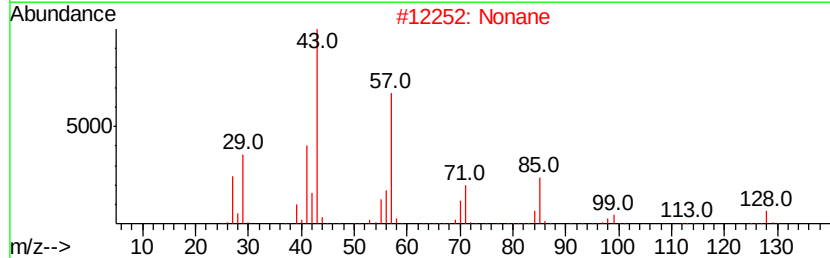
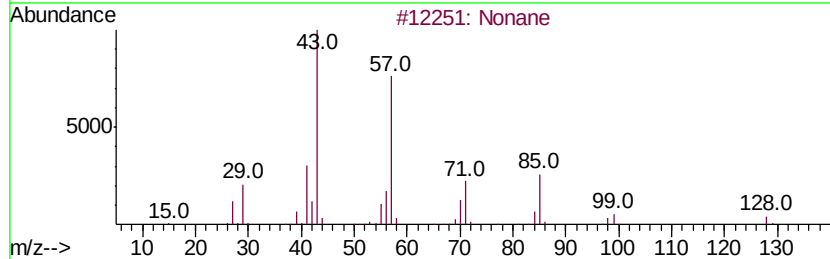
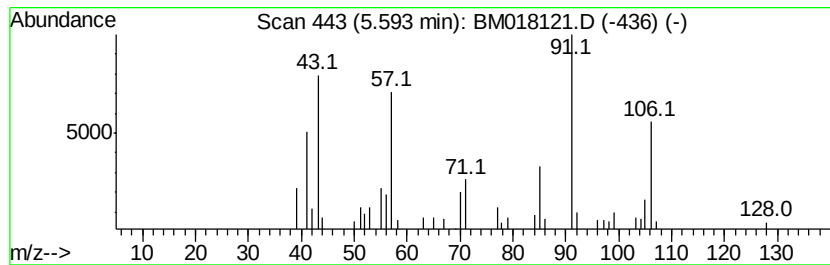
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	2.28 ng/ul	103661	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	50
2		Nonane	128	C9H20	000111-84-2	50
3		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	38
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	38
5		o-Xylene	106	C8H10	000095-47-6	38



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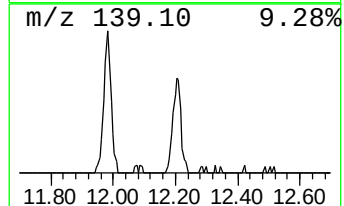
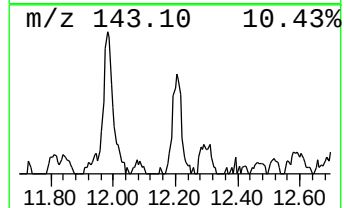
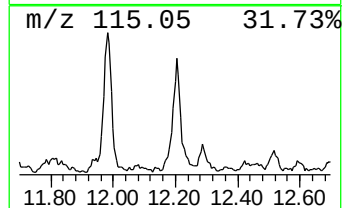
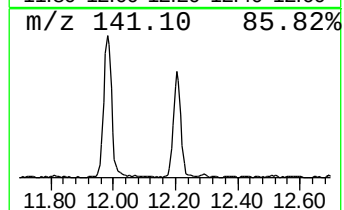
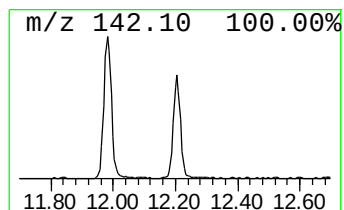
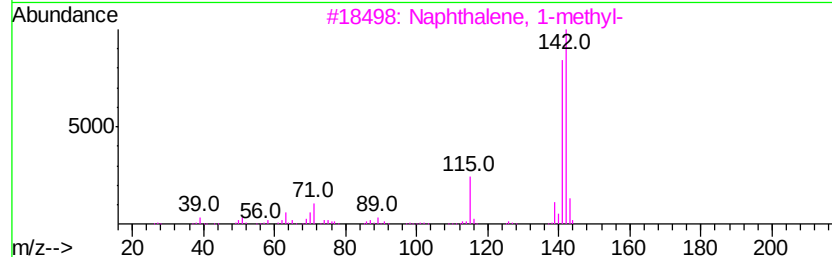
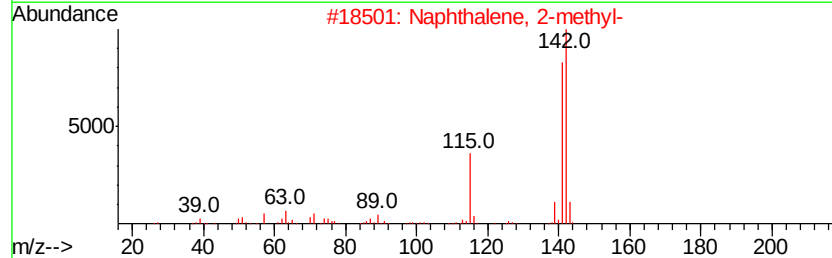
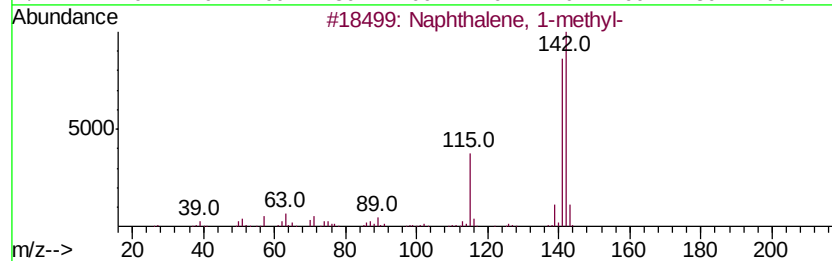
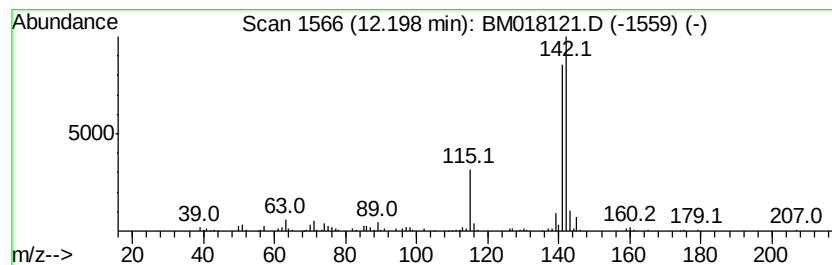
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.20	5.87 ng/ul	376838	Naphthalene-d8	10.31		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95	
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94	
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91	
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91	
5	Benzocycloheptatriene	142	C11H10	000264-09-5	90	



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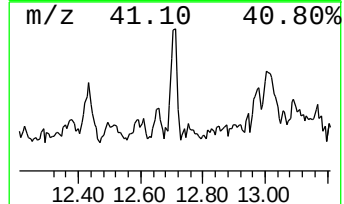
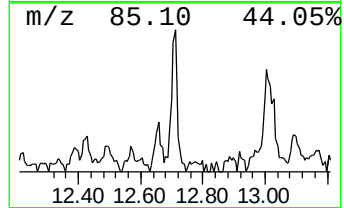
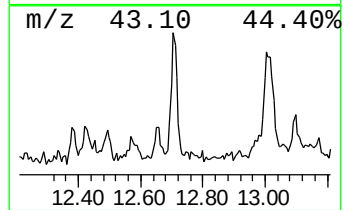
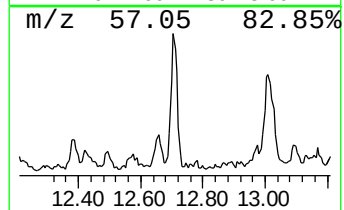
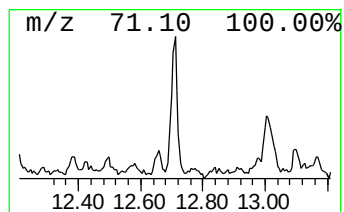
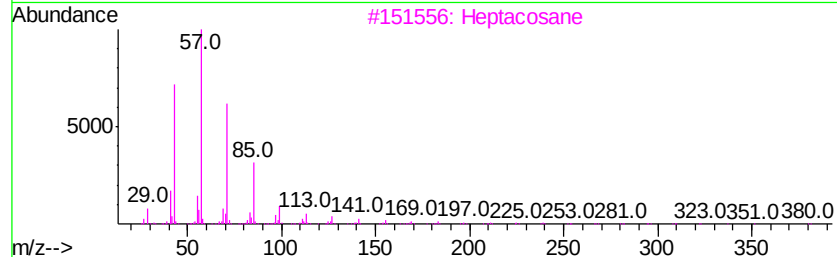
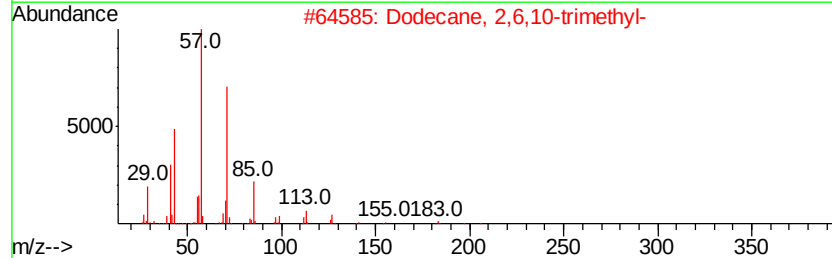
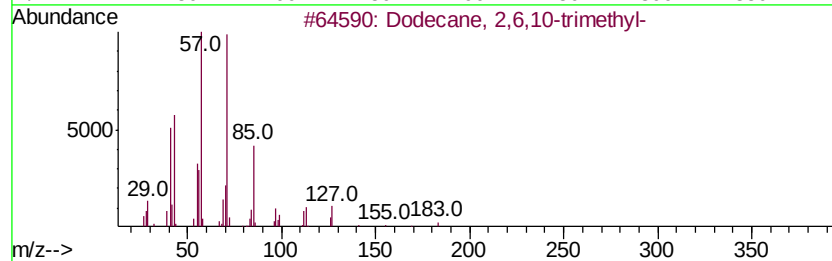
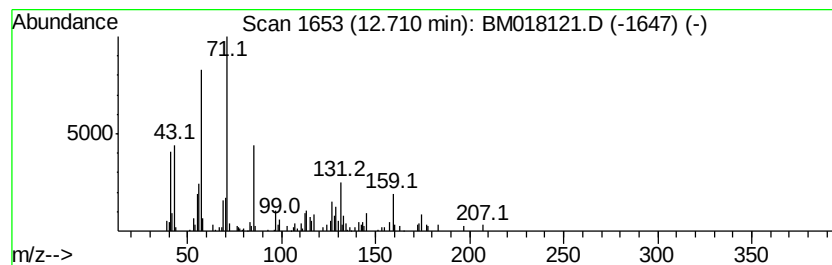
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.09 ng/ul	162138	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	70
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
3		Heptacosane	380	C27H56	000593-49-7	47
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
5		Eicosane	282	C20H42	000112-95-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
Acq On : 13 Dec 2018 08:55
Operator : JU/SJ
Sample : J6171-15 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y25

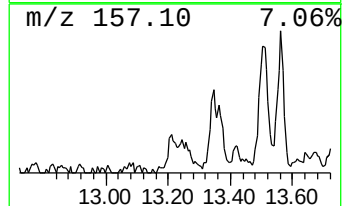
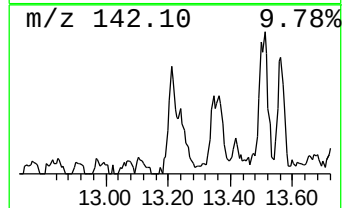
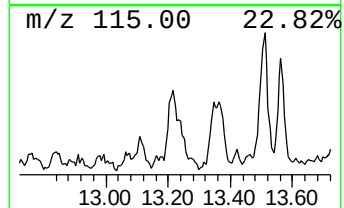
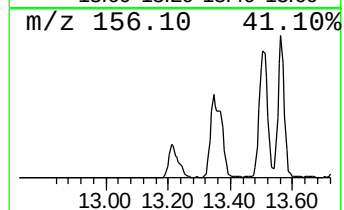
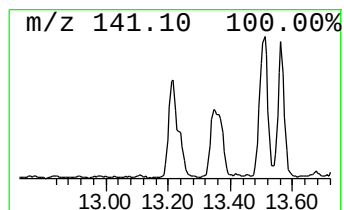
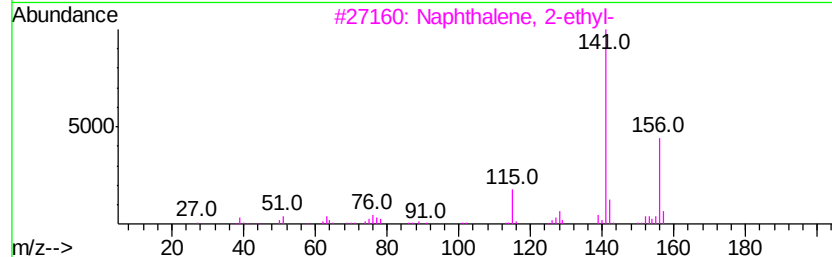
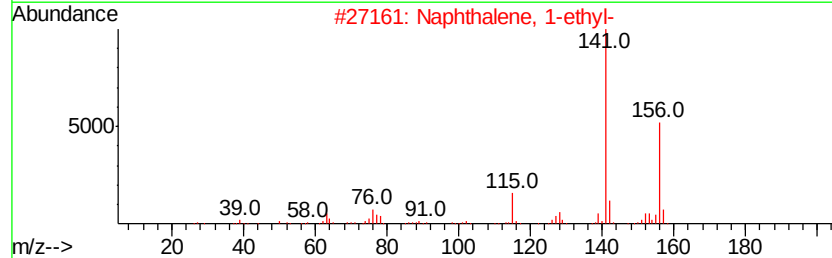
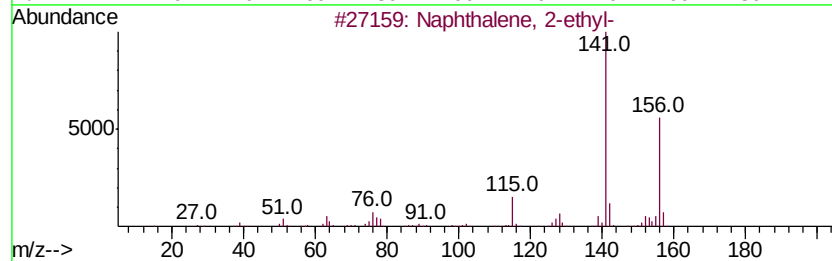
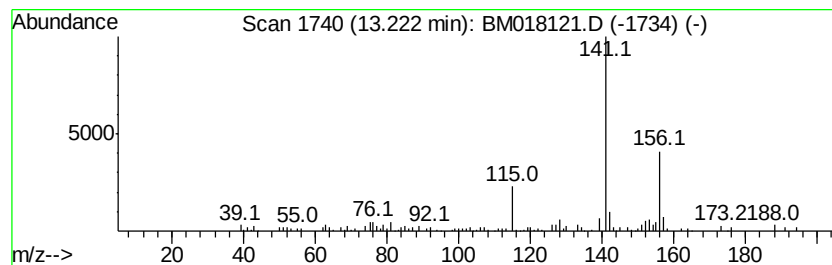
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2-ethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.32 ng/ul	180287	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
Acq On : 13 Dec 2018 08:55
Operator : JU/SJ
Sample : J6171-15 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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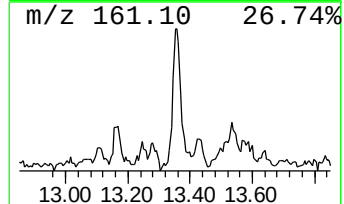
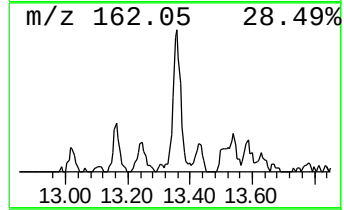
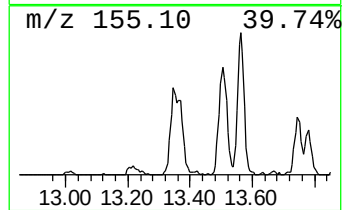
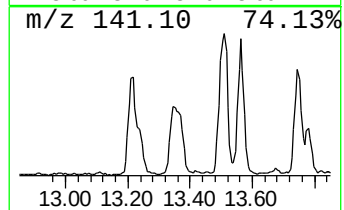
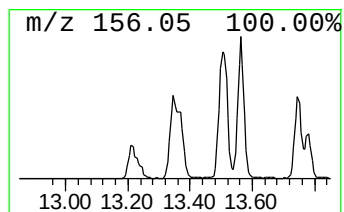
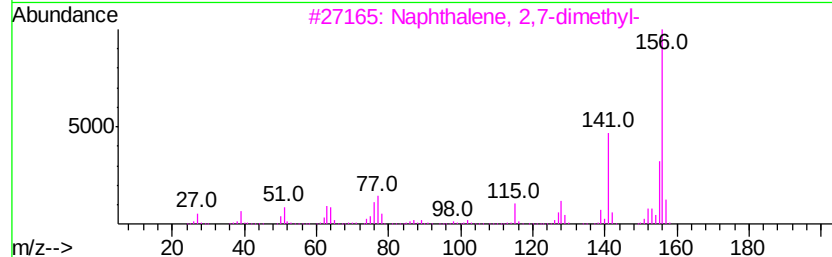
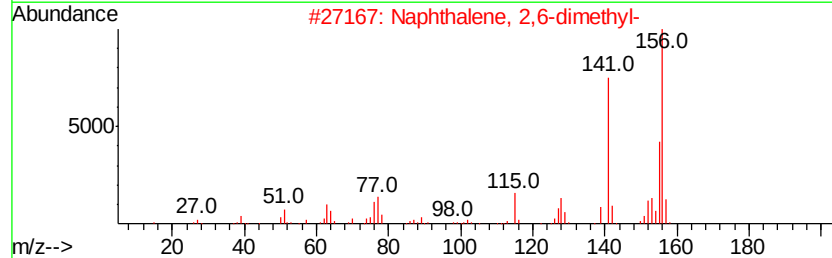
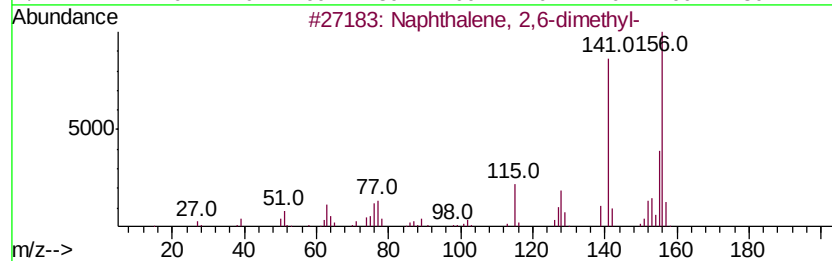
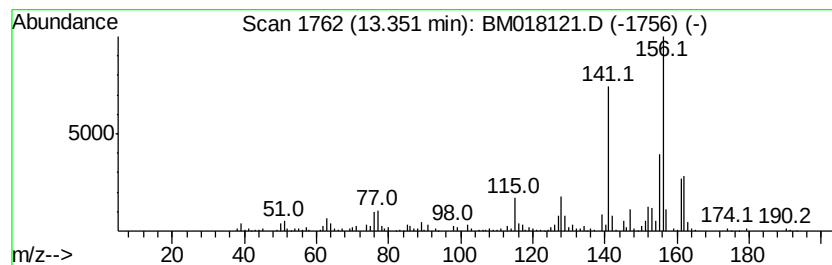
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	7.39 ng/ul	573493	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
Acq On : 13 Dec 2018 08:55
Operator : JU/SJ
Sample : J6171-15 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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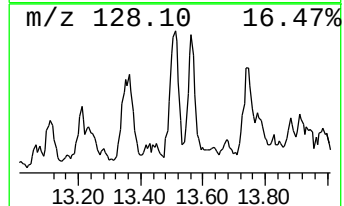
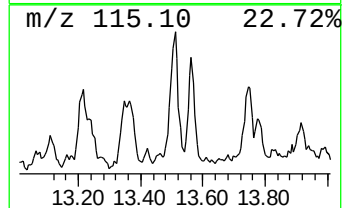
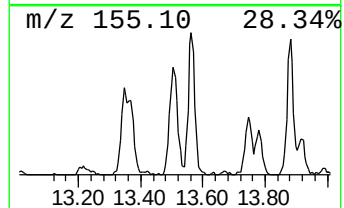
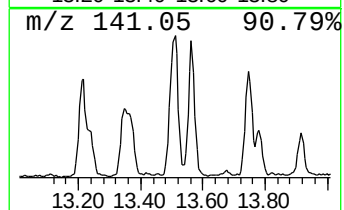
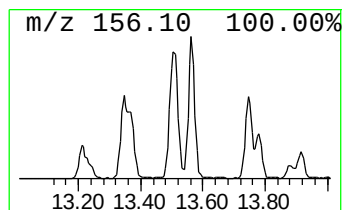
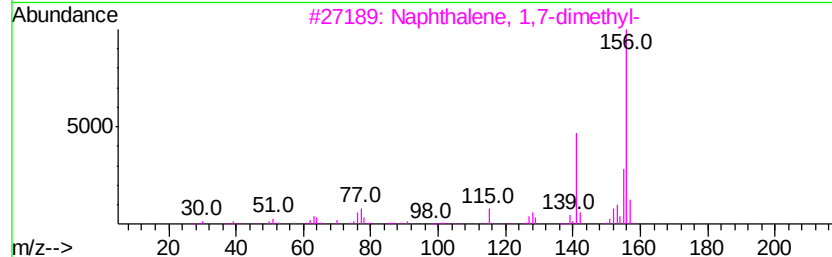
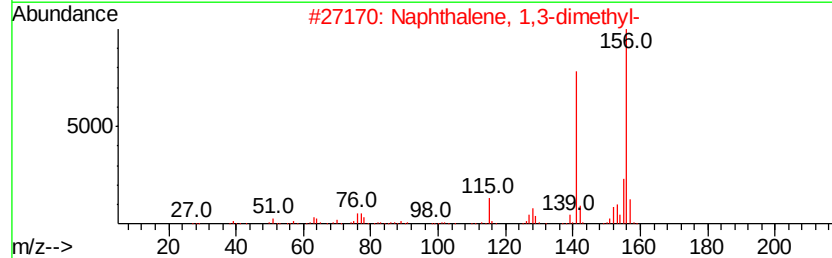
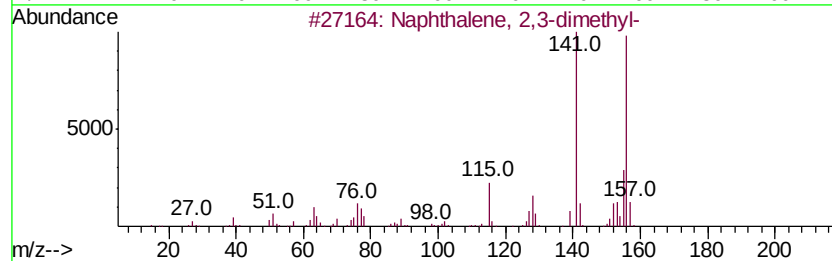
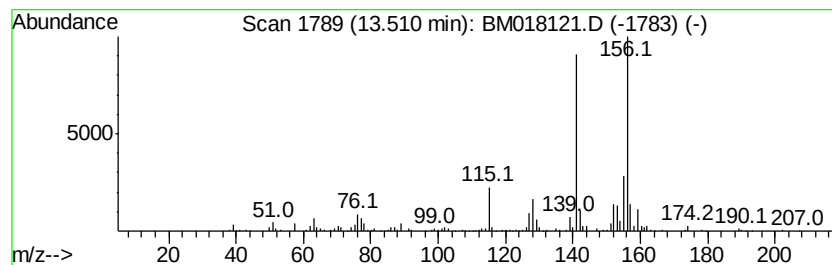
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	7.13 ng/ul	553023	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
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Sample : J6171-15 5X
Misc :
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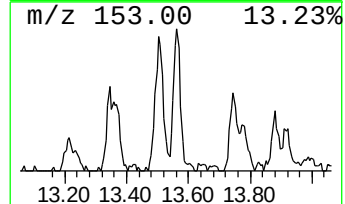
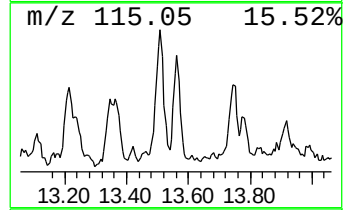
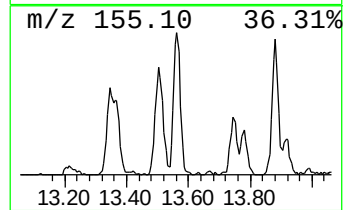
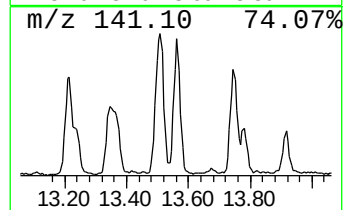
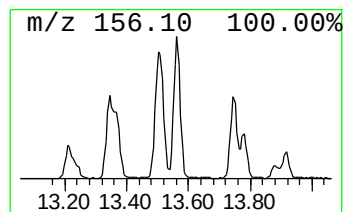
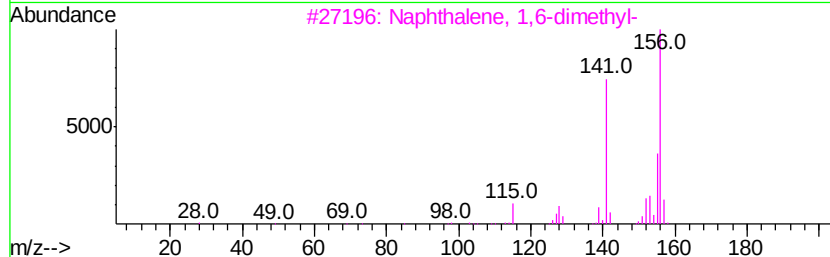
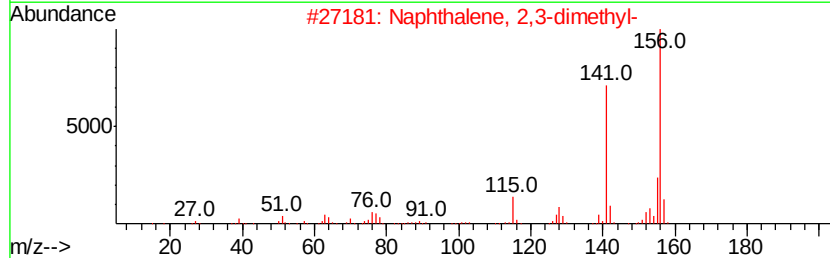
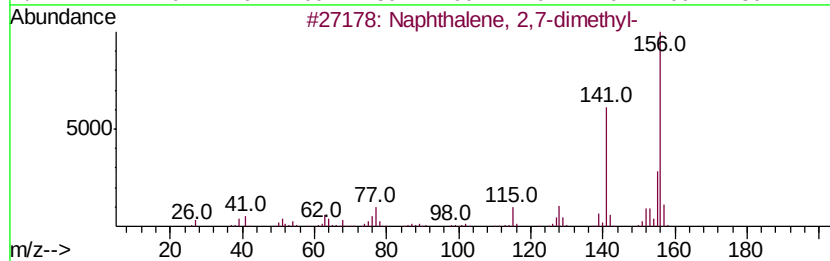
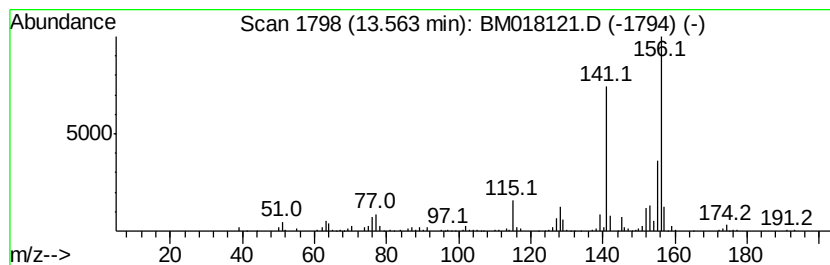
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	5.89 ng/ul	457067	Acenaphthene-d10	14.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
4		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
Acq On : 13 Dec 2018 08:55
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Sample : J6171-15 5X
Misc :
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Instrument :
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ClientSampleId :
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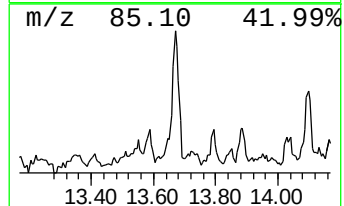
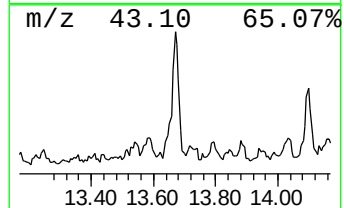
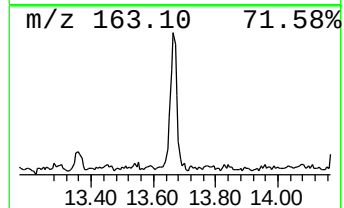
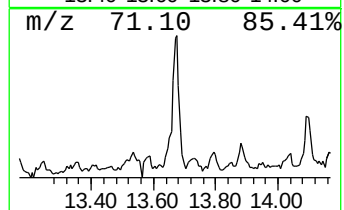
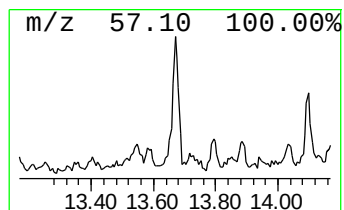
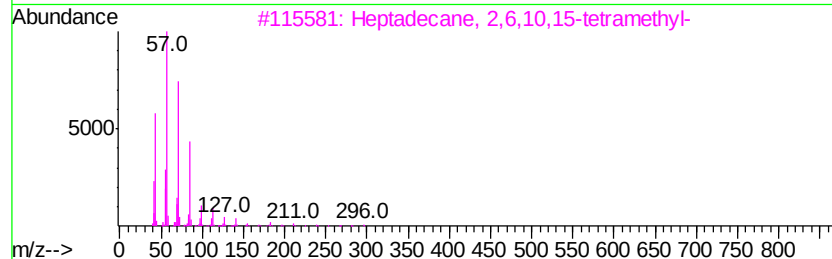
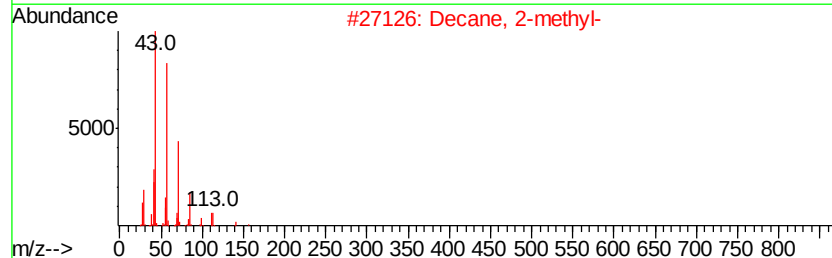
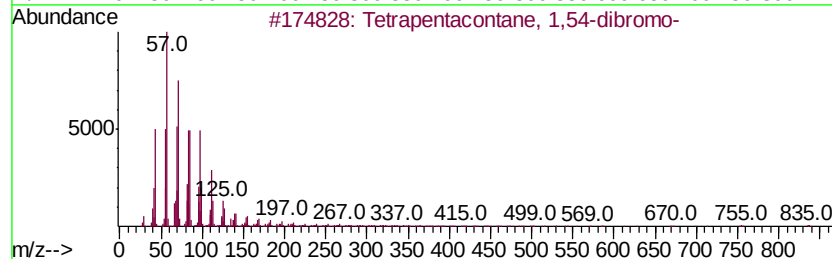
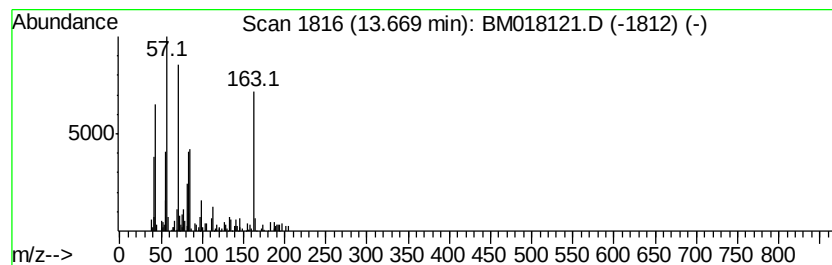
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetrapentacontane, 1,54-dib... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.40 ng/ul	186532	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	72
2		Decane, 2-methyl-	156	C11H24	006975-98-0	49
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
4		Tetradecane	198	C14H30	000629-59-4	43
5		Pentadecane	212	C15H32	000629-62-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
Acq On : 13 Dec 2018 08:55
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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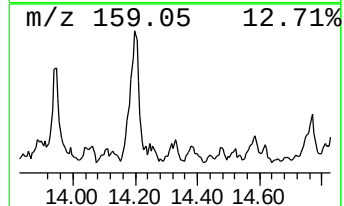
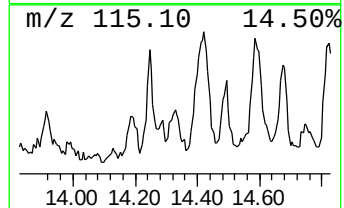
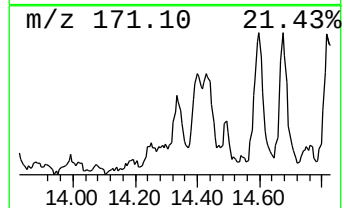
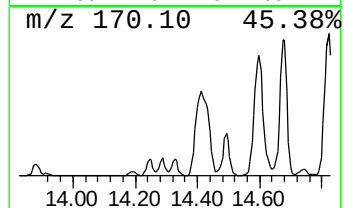
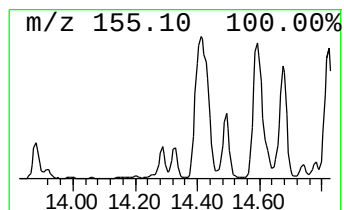
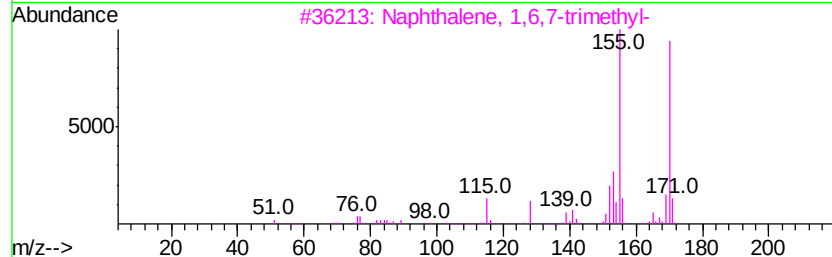
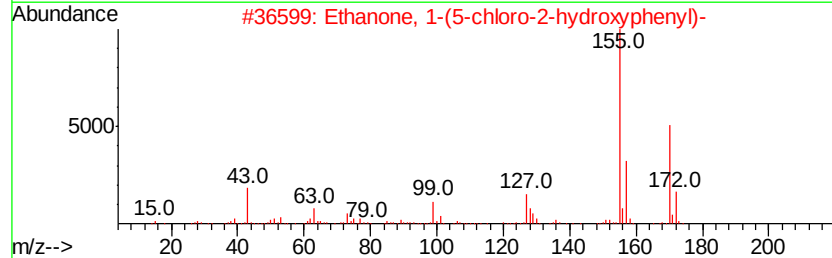
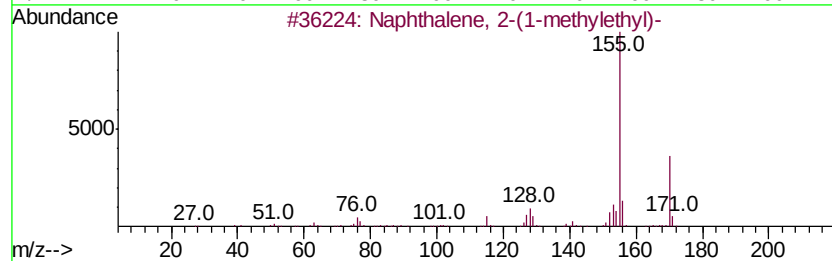
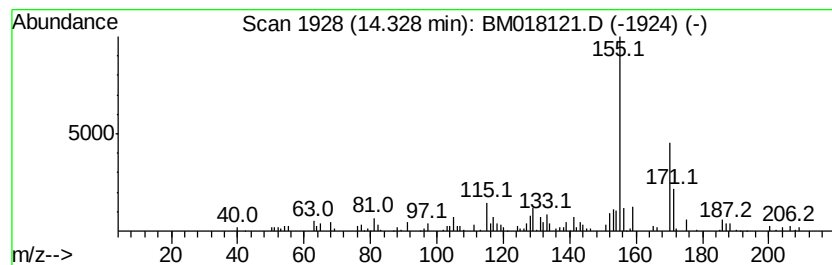
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.20 ng/ul	170746	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	74
2			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	50
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49
4			Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	43
5			Benzaldehyde, 4-chloro-, oxime	155	C7H6ClNO	003848-36-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
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Sample : J6171-15 5X
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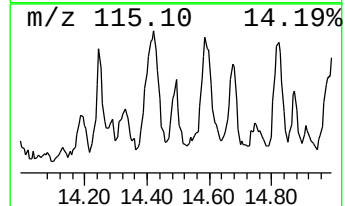
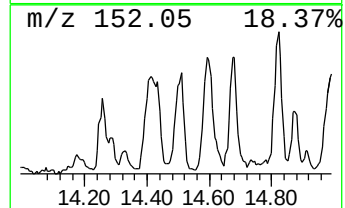
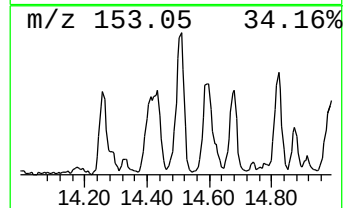
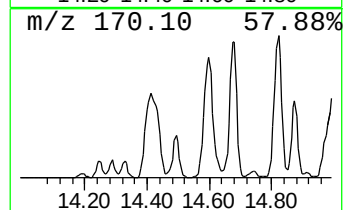
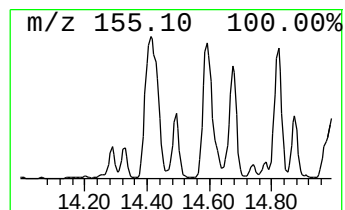
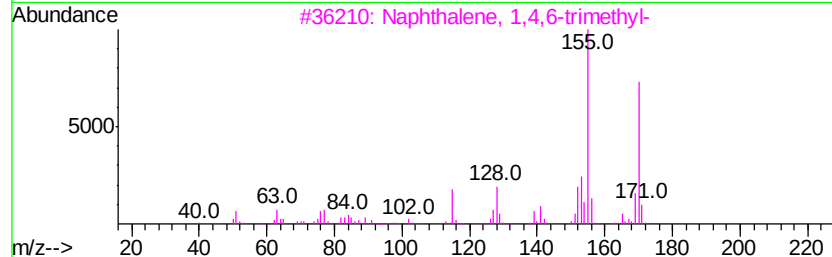
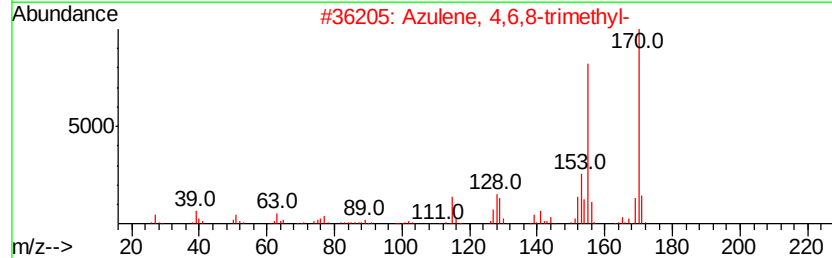
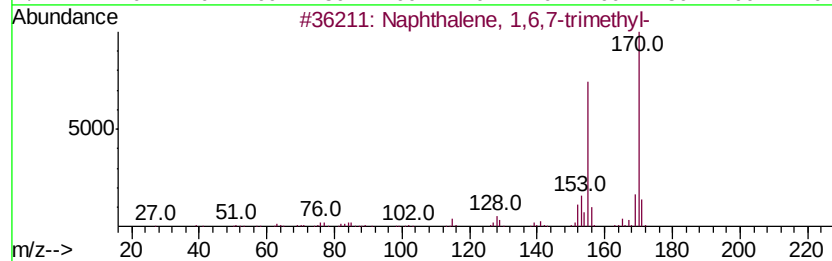
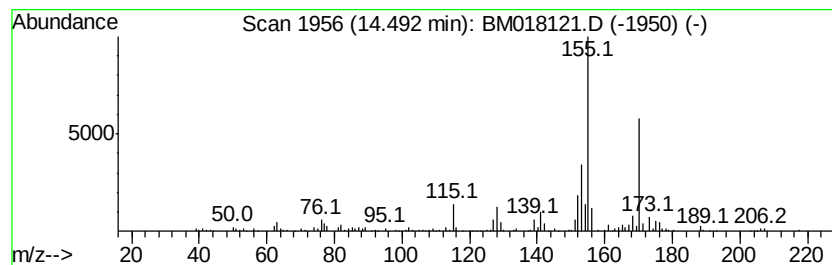
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ClientSampleId :
F9Y25

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.90 ng/ul	380065	Acenaphthene-d10	14.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 91
2		Azulene, 4,6,8-trimethyl-	170 C13H14	000941-81-1 87
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 86
4		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 86
5		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
Acq On : 13 Dec 2018 08:55
Operator : JU/SJ
Sample : J6171-15 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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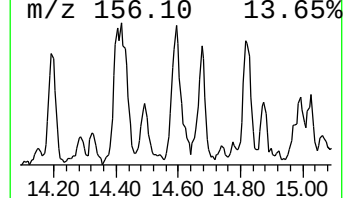
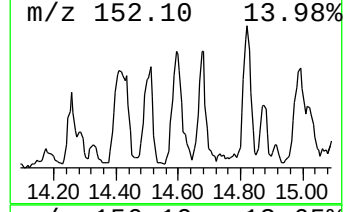
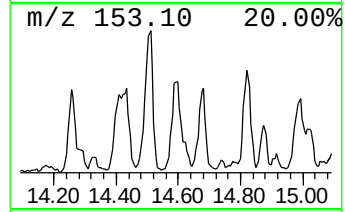
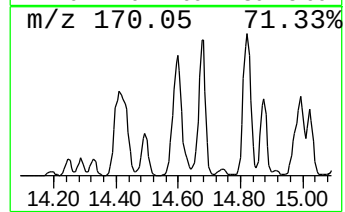
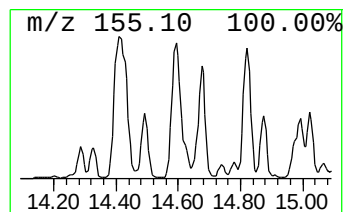
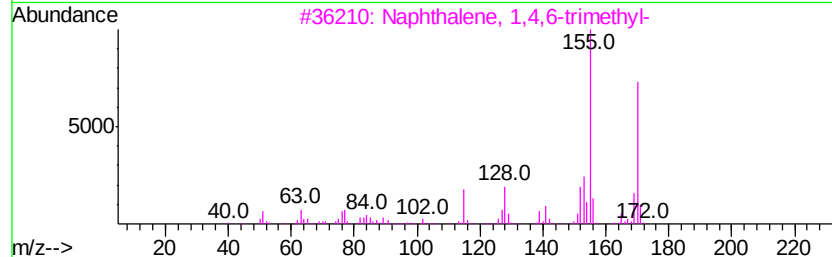
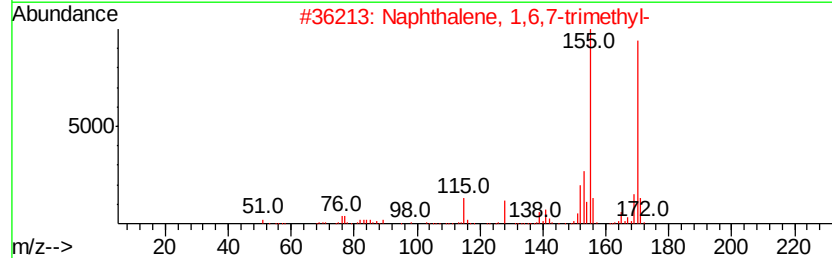
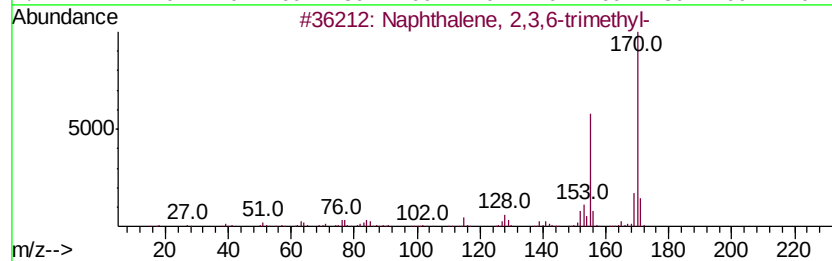
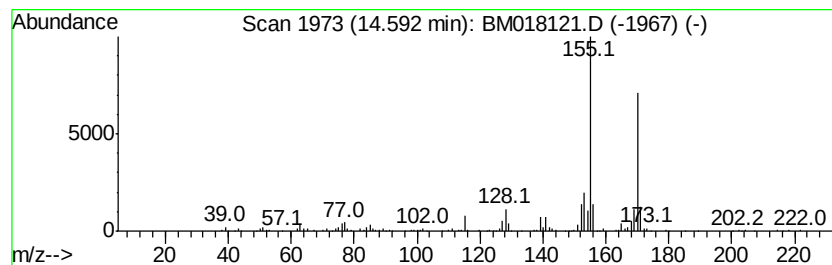
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	10.69 ng/ul	829552	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
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Instrument :
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ClientSampled :
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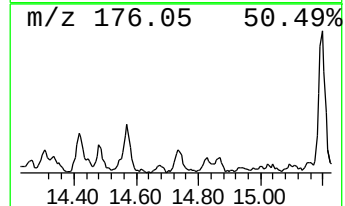
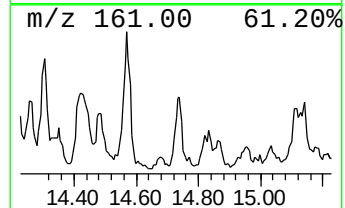
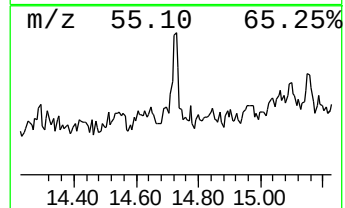
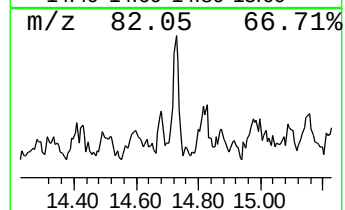
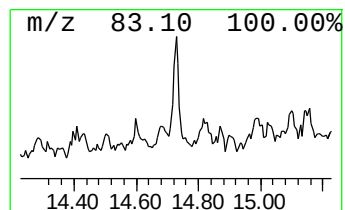
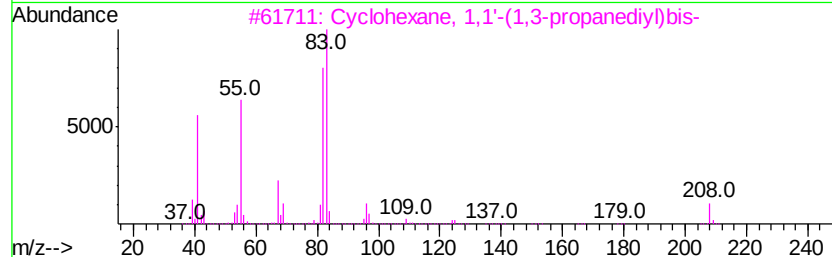
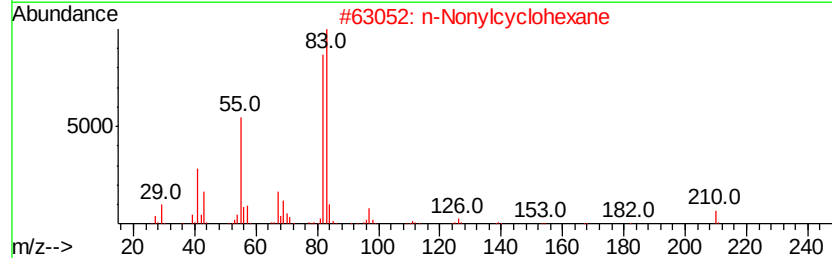
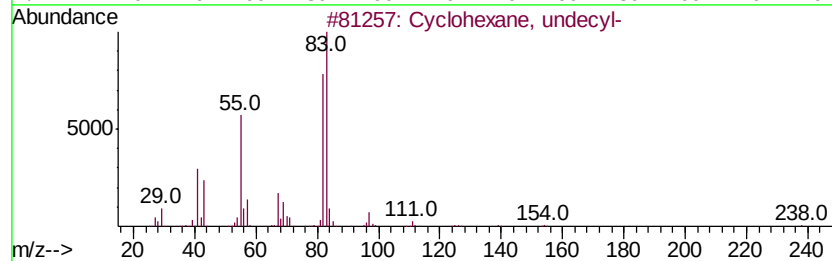
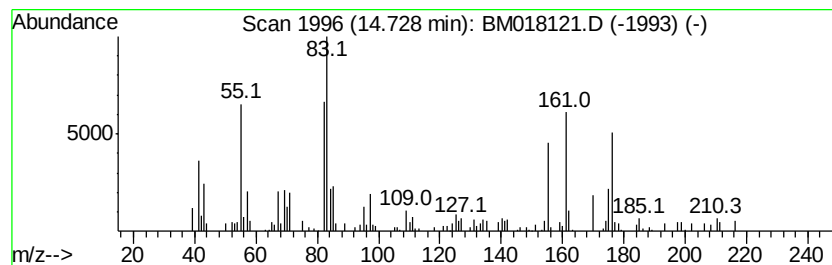
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: 14.73 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.16 ng/ul	167252	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, undecyl-	238	C17H34	054105-66-7	27
2			n-Nonylcyclohexane	210	C15H30	002883-02-5	27
3			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	27
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	25
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
Acq On : 13 Dec 2018 08:55
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Sample : J6171-15 5X
Misc :
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Instrument :
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ClientSampled :
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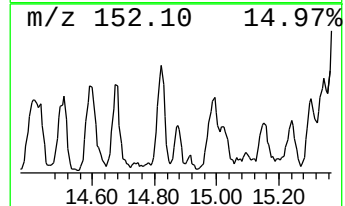
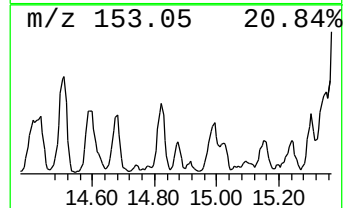
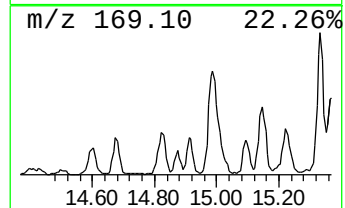
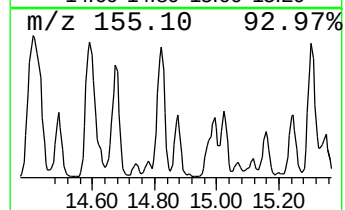
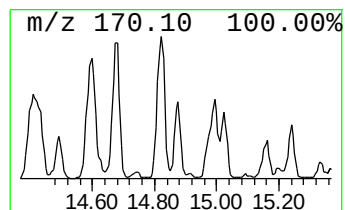
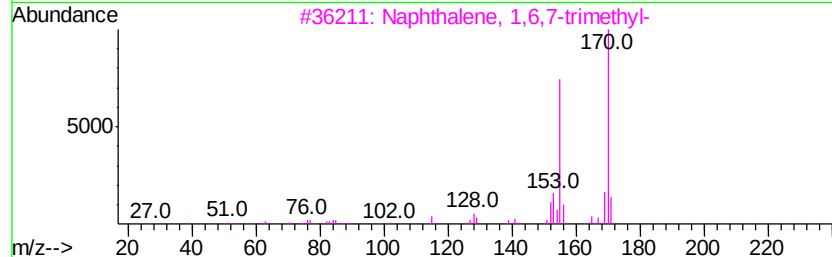
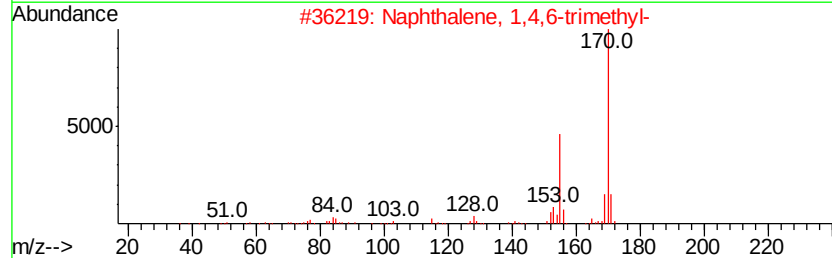
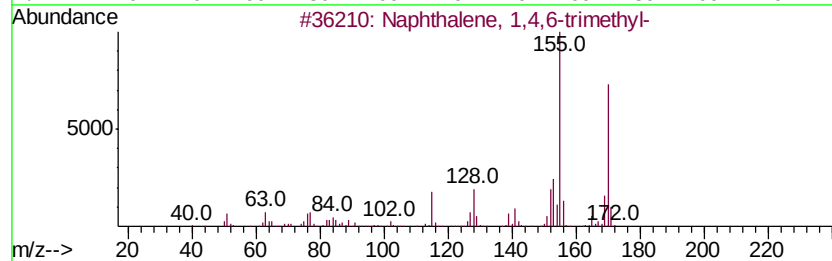
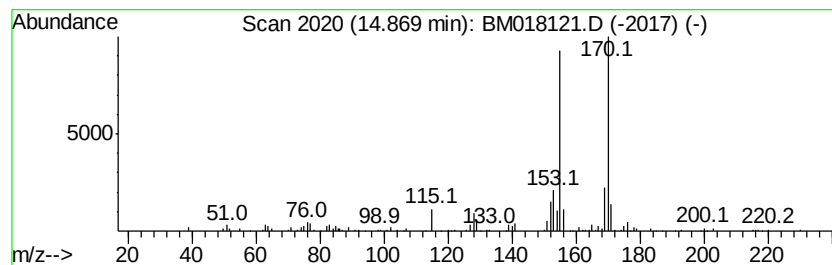
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.60 ng/ul	201846	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
Acq On : 13 Dec 2018 08:55
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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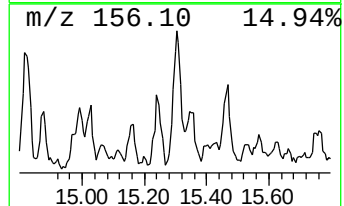
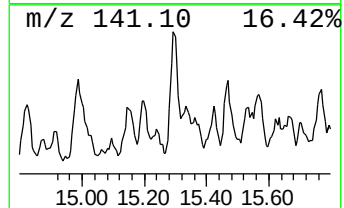
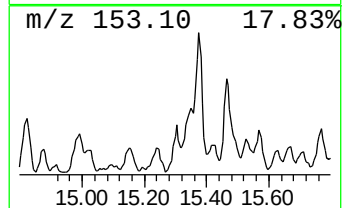
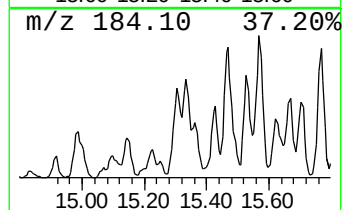
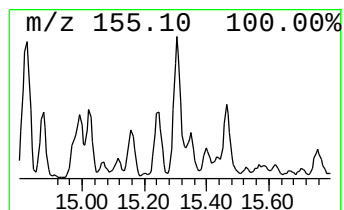
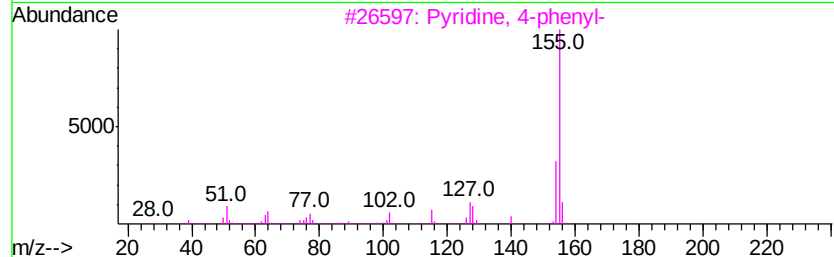
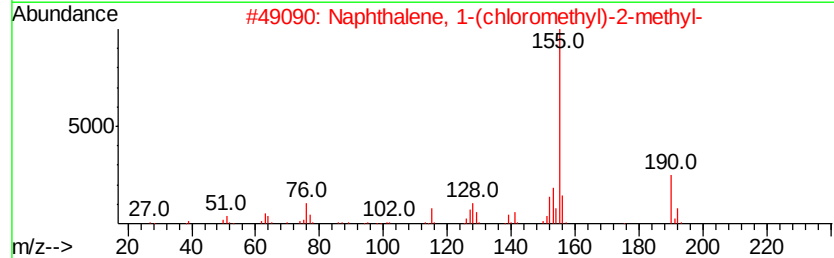
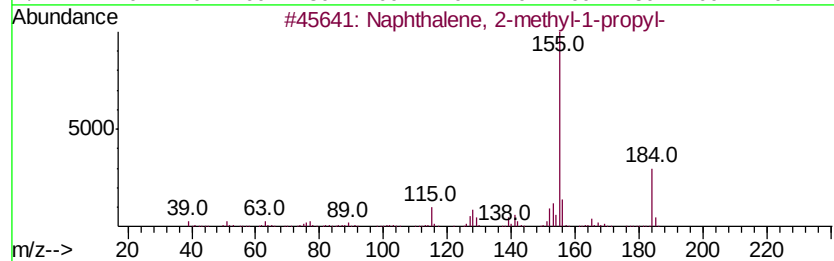
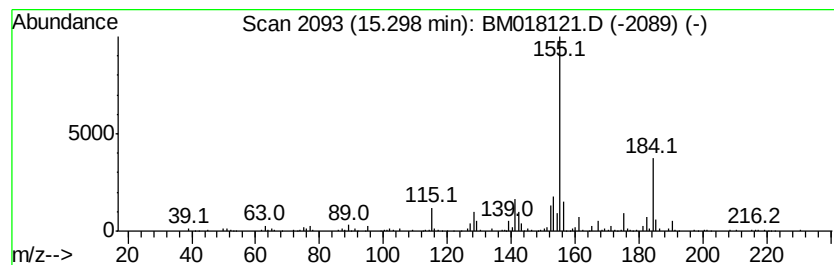
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 2-methyl-1-pro... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	6.70 ng/ul	520299	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	87
2			Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	72
3			Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	43
4			Benzaldehyde, 4-chloro-, oxime, ...	155	C7H6ClNO	003717-24-6	43
5			Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
Acq On : 13 Dec 2018 08:55
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Sample : J6171-15 5X
Misc :
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Instrument :
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ClientSampleId :
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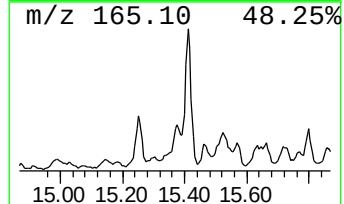
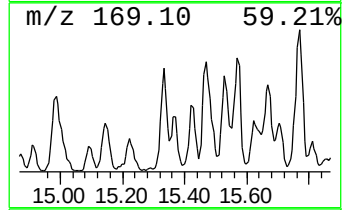
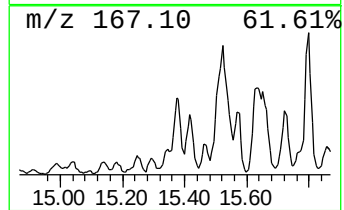
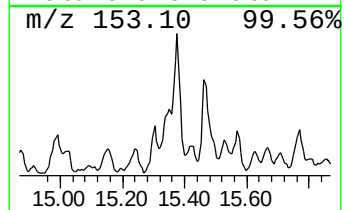
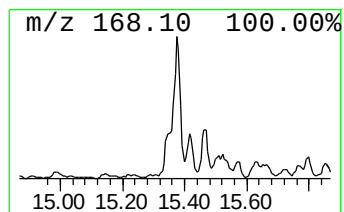
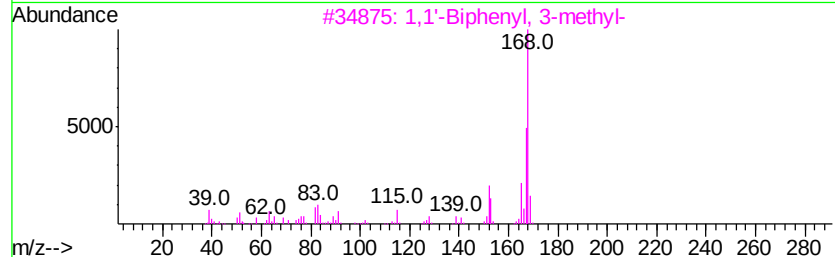
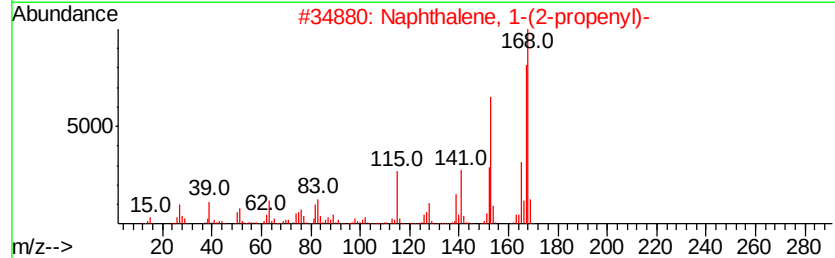
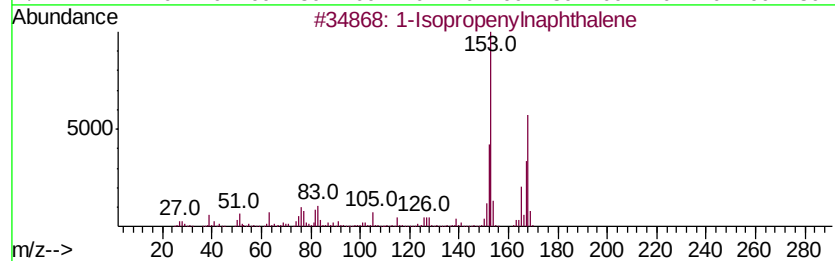
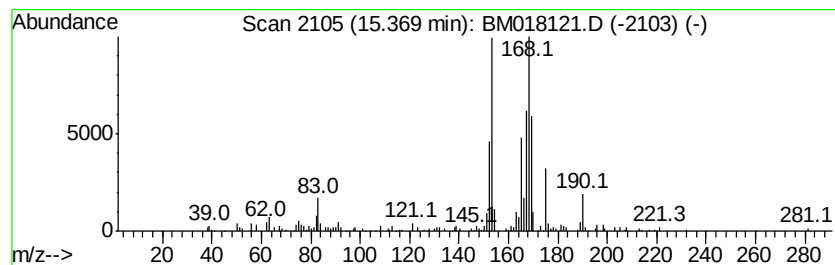
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 1-Isopropenylnaphthalene Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	4.42 ng/ul	343112	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
4		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	39
5		Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
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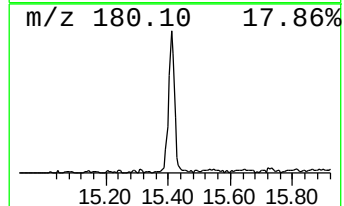
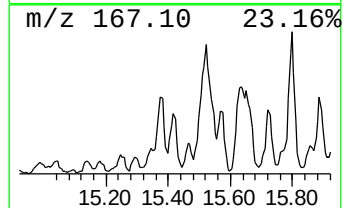
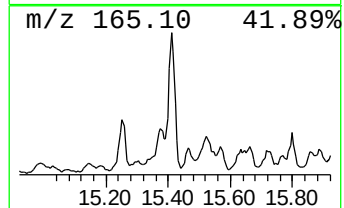
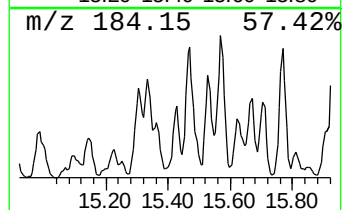
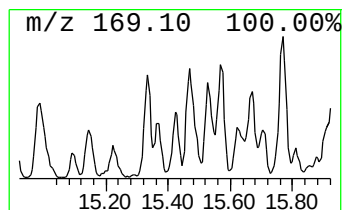
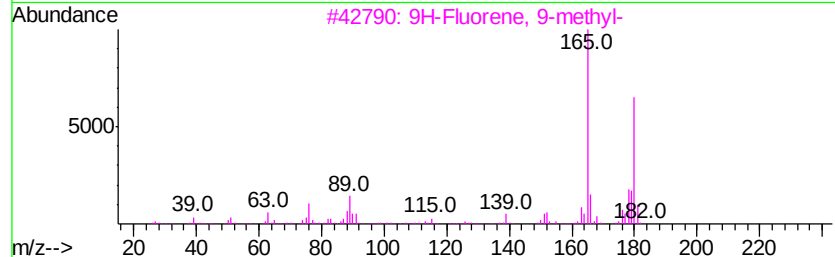
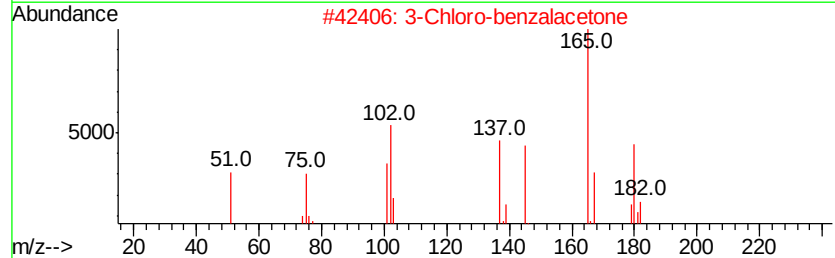
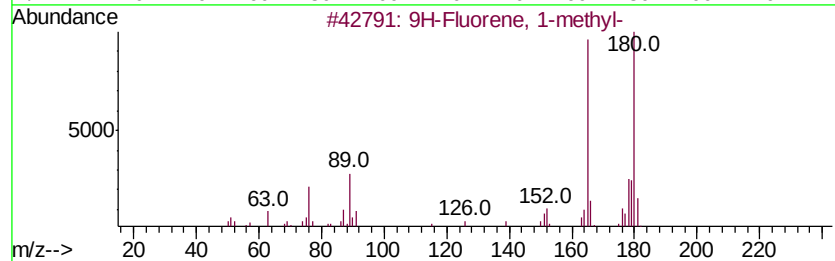
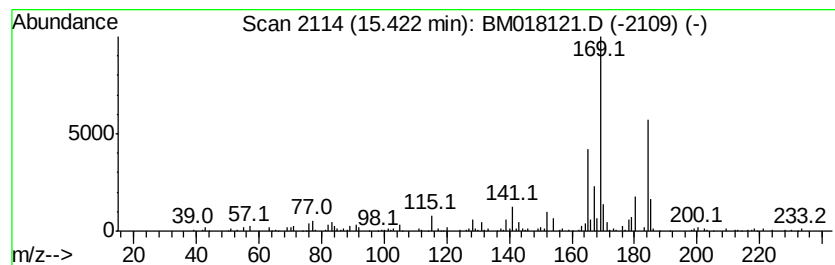
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 9H-Fluorene, 1-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	4.94 ng/ul	383324	Acenaphthene-d10	14.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluorene, 1-methyl-	180 C14H12	001730-37-6	45
2	3-Chloro-benzalacetone	180 C10H9ClO	1000146-90-5	43
3	9H-Fluorene, 9-methyl-	180 C14H12	002523-37-7	38
4	9H-Fluorene, 1-methyl-	180 C14H12	001730-37-6	38
5	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180 C14H12	086120-84-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
Acq On : 13 Dec 2018 08:55
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Sample : J6171-15 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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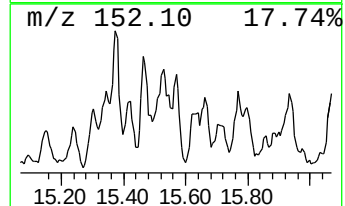
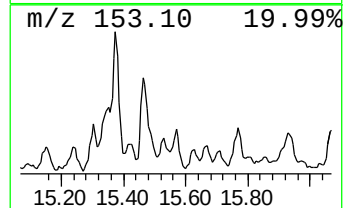
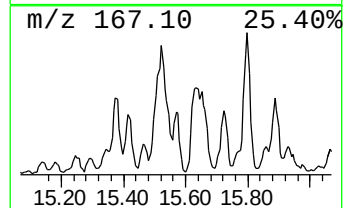
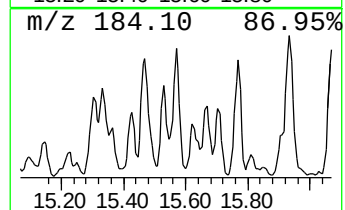
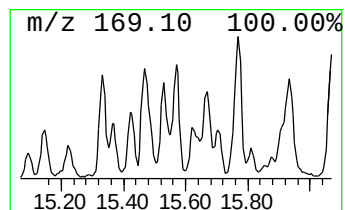
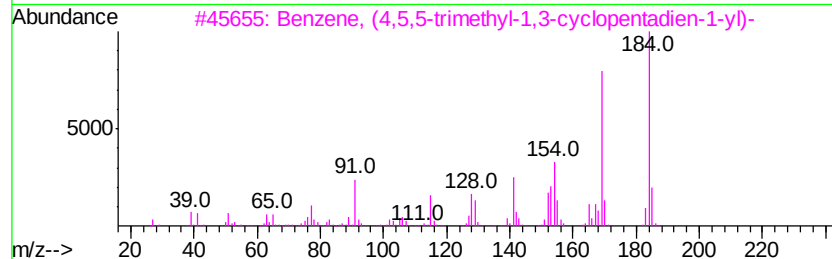
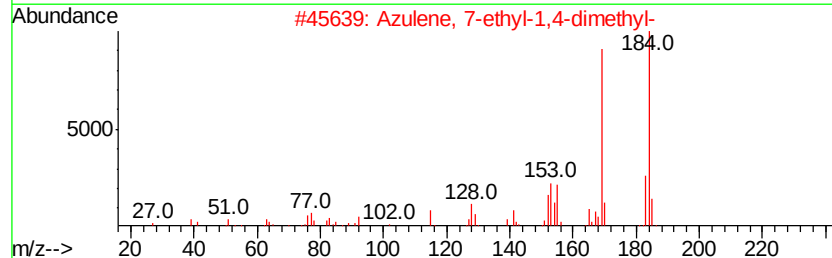
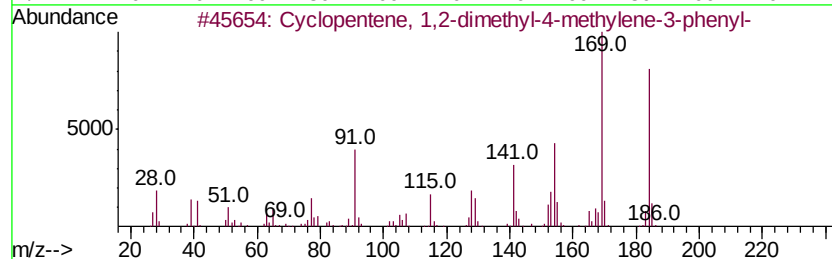
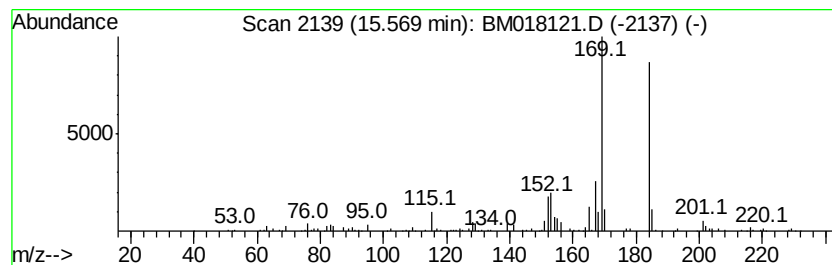
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Cyclopentene, 1,2-dimethyl-... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	5.56 ng/ul	431166	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	91
2		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	87
3		Benzene, (4,5,5-trimethyl-1,3-cv...	184	C14H16	033930-85-7	86
4		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	72
5		3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
Acq On : 13 Dec 2018 08:55
Operator : JU/SJ
Sample : J6171-15 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

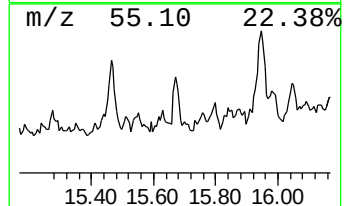
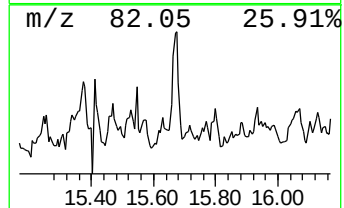
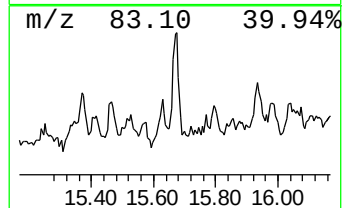
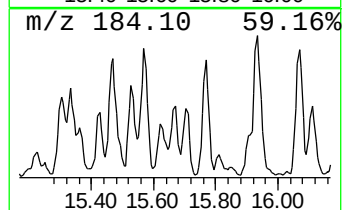
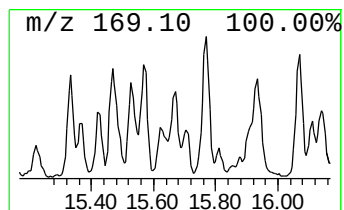
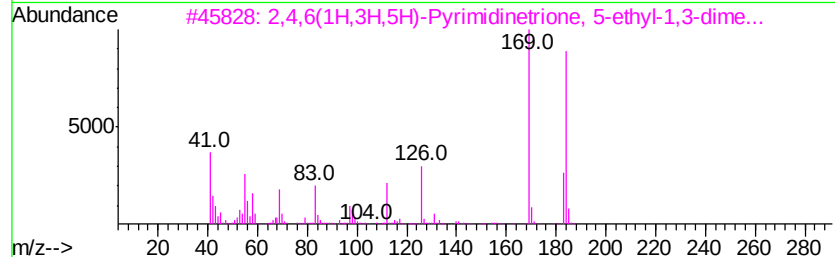
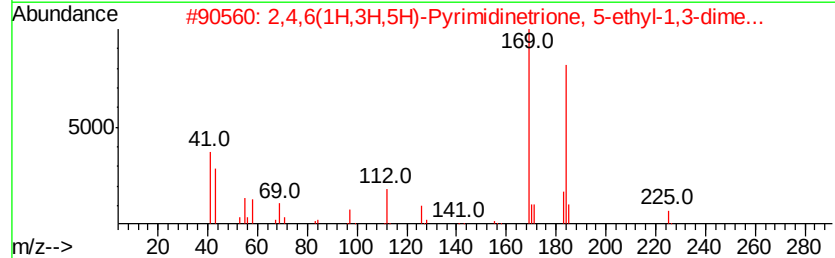
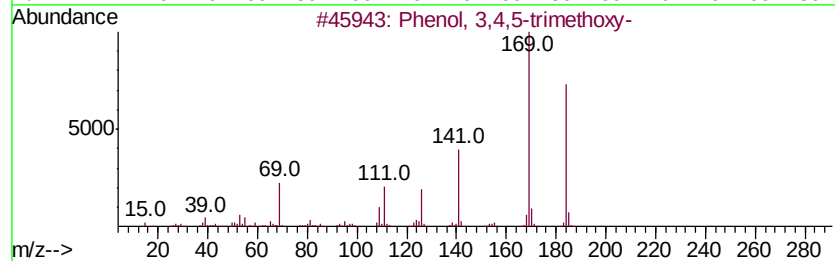
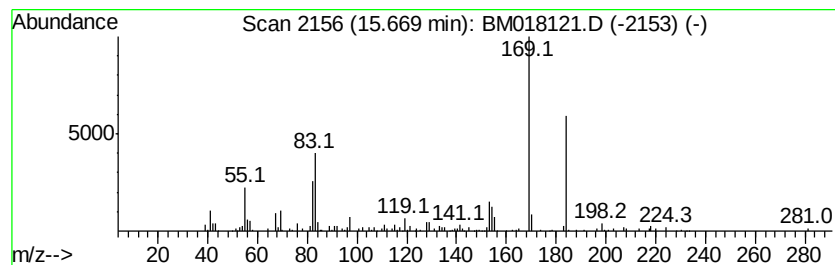
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Phenol, 3,4,5-trimethoxy- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.67	2.48 ng/ul	202948	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	38	
2	2,4,6(1H,3H,5H)-Pyrimidinetrione...	254	C13H22N2O3	028239-47-6	37	
3	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	35	
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	35	
5	Benzothiazole, 2-chloro-	169	C7H4ClNS	000615-20-3	30	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
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Instrument :
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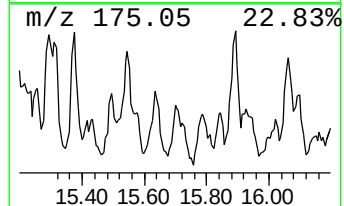
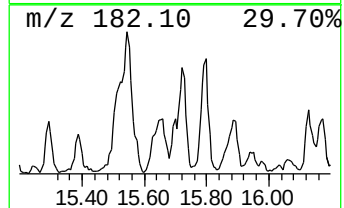
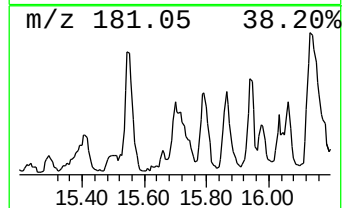
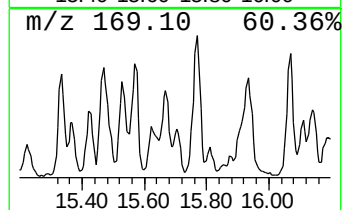
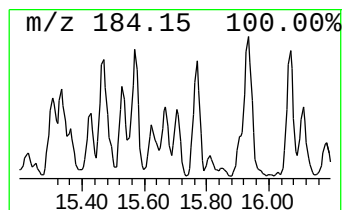
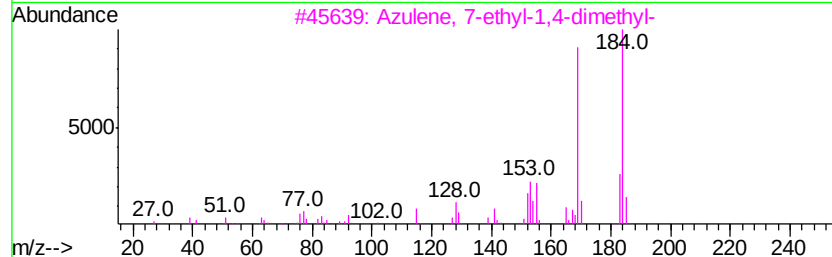
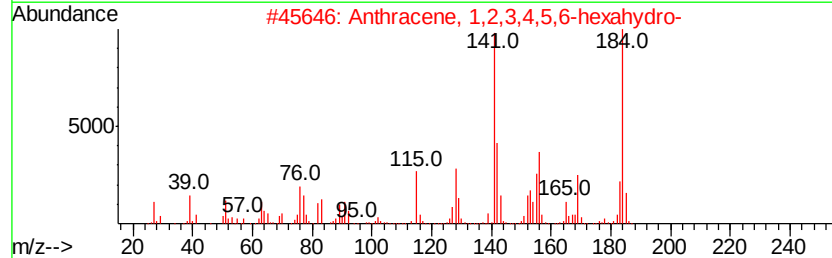
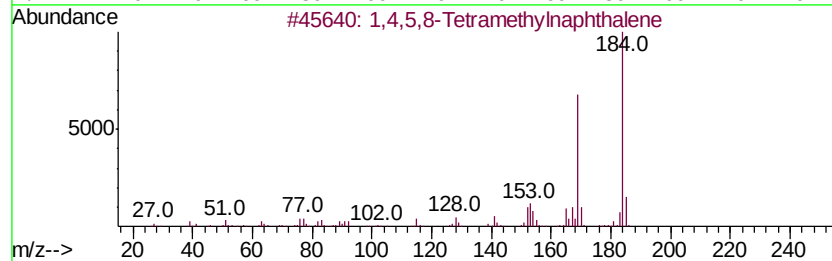
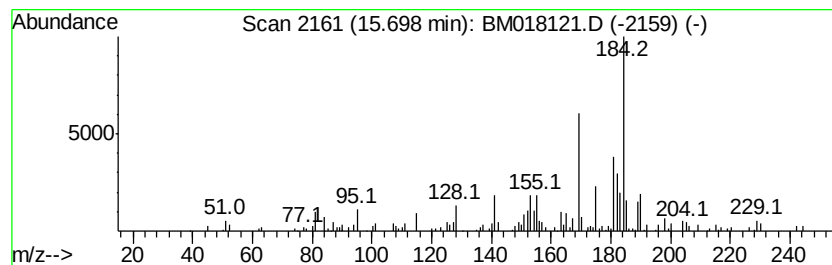
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 1,4,5,8-Tetramethylnaphthalene Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.87 ng/ul	235240	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	60
2		Anthracene, 1,2,3,4,5,6-hexahydro-	184	C14H16	006109-22-4	58
3		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	58
4		[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	55
5		2,3,4-Trimethoxyphenol	184	C9H12O4	019676-64-3	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
Acq On : 13 Dec 2018 08:55
Operator : JU/SJ
Sample : J6171-15 5X
Misc :
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Instrument :
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ClientSampleId :
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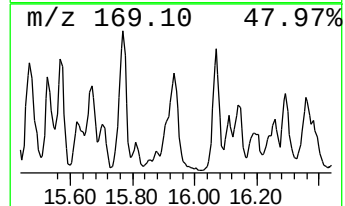
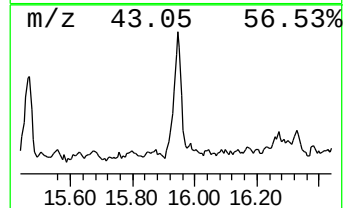
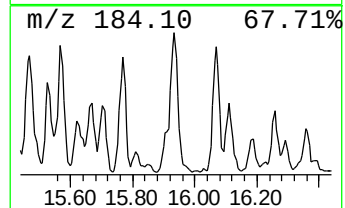
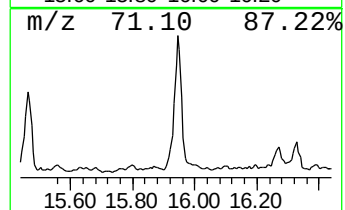
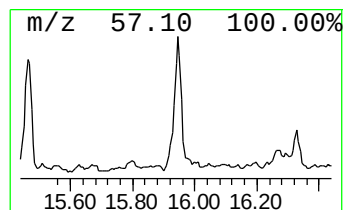
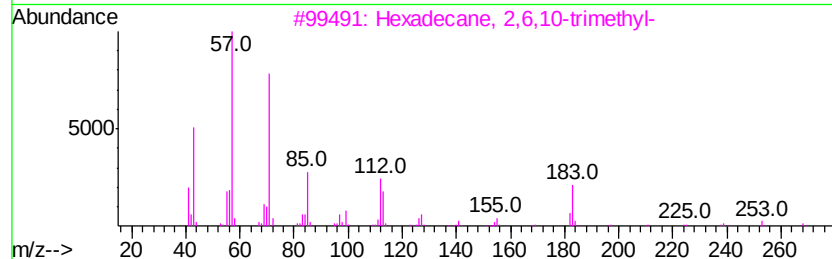
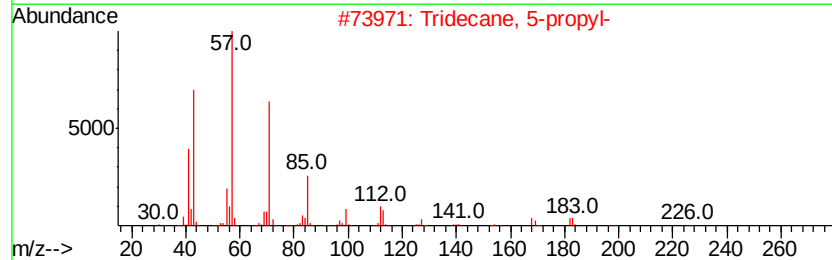
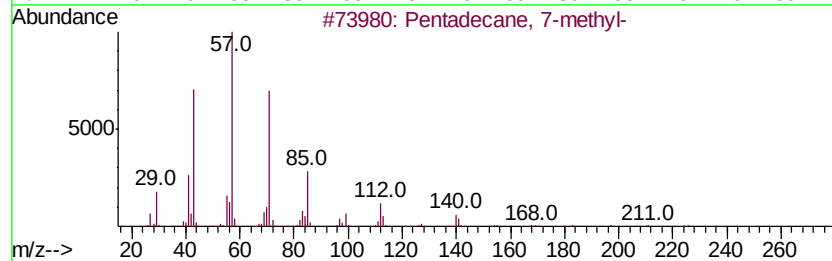
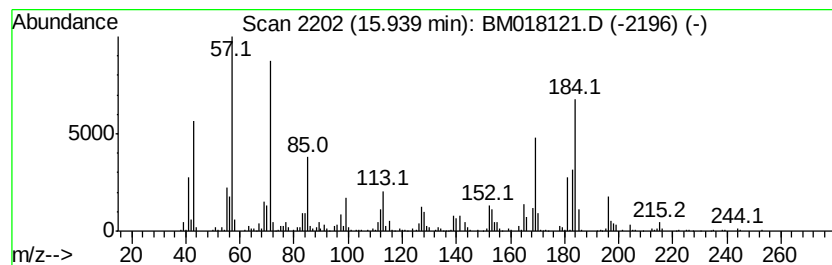
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	16.42 ng/ul	1345310	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
3		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	45
4		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	41
5		Decane, 2-methyl-	156	C11H24	006975-98-0	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018121.D
Acq On : 13 Dec 2018 08:55
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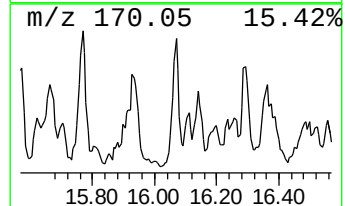
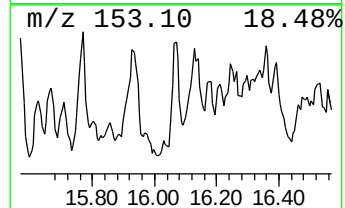
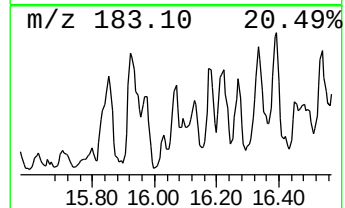
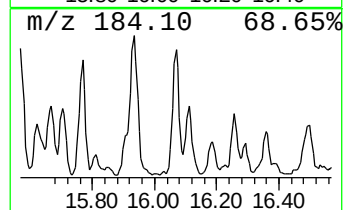
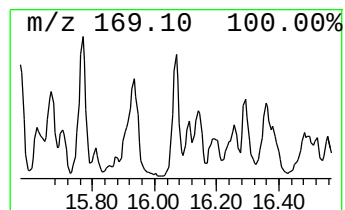
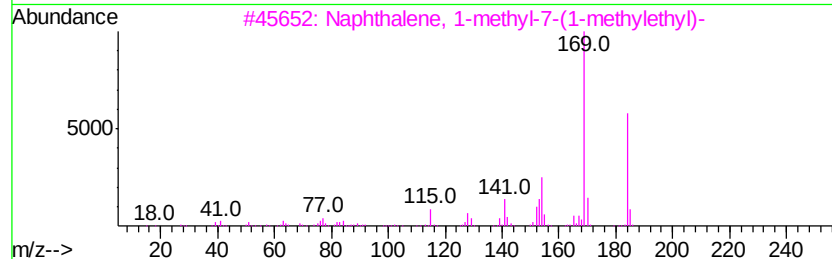
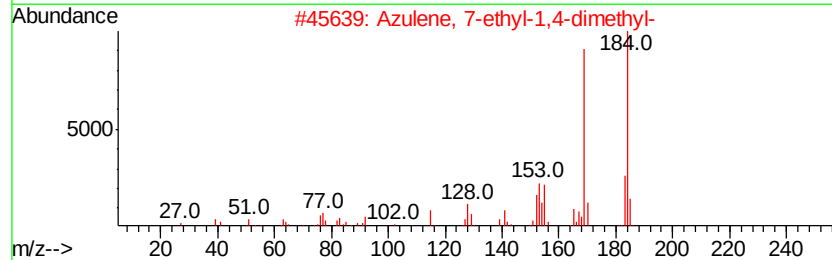
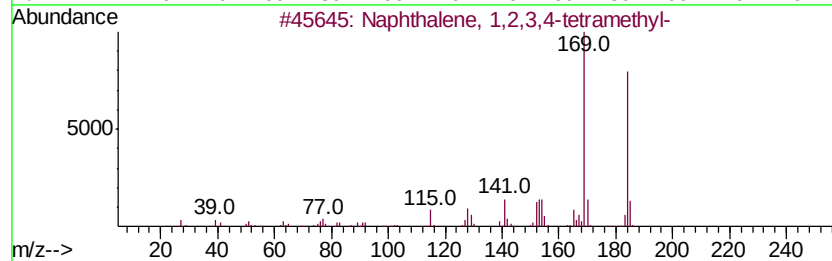
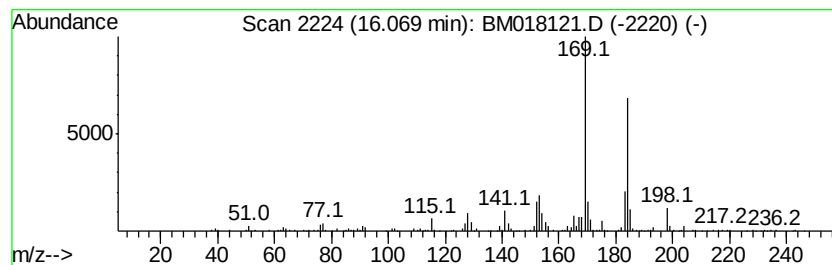
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Naphthalene, 1,2,3,4-tetram... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	4.97 ng/ul	407345	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	96
2		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	94
3		Naphthalene, 1-methyl-7-(1-methyl...	184	C14H16	000490-65-3	89
4		Naphthalene, 1-methyl-7-(1-methyl...	184	C14H16	000490-65-3	89
5		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
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Sample : J6171-15 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

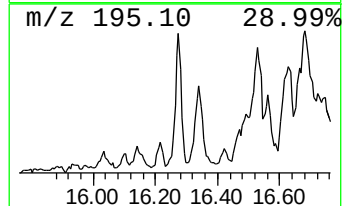
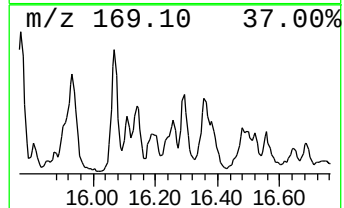
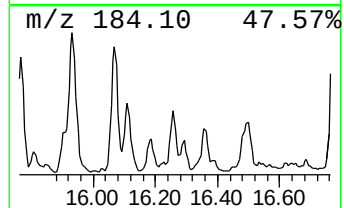
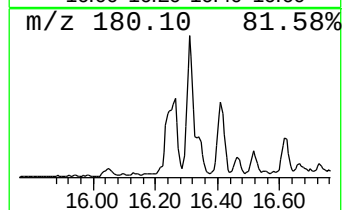
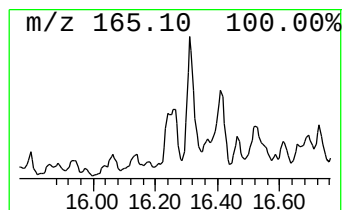
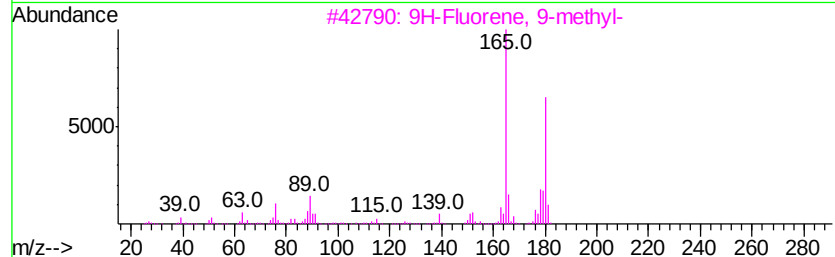
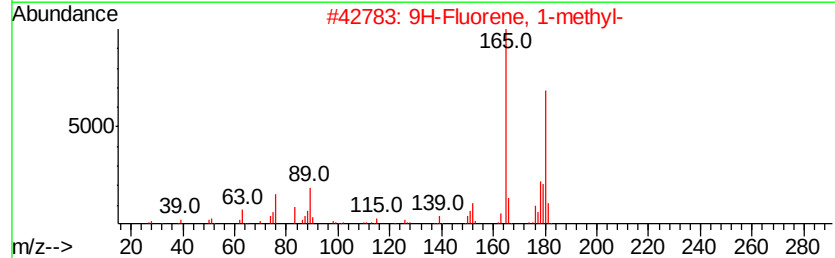
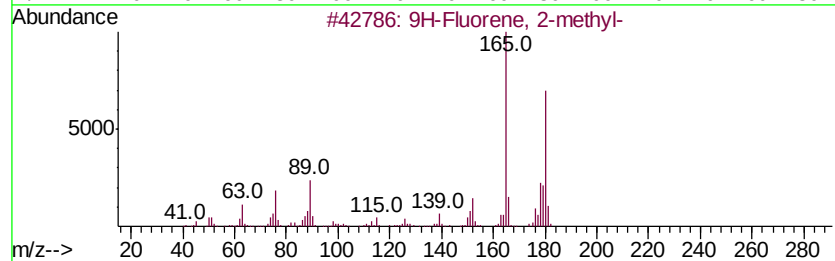
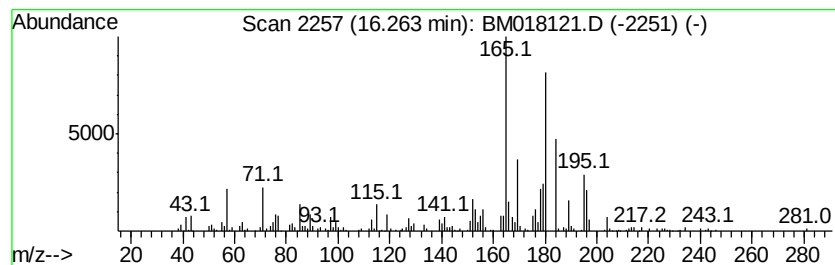
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 9H-Fluorene, 2-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.26	5.29 ng/ul	433386	Phenanthrene-d10		16.96	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-		180	C14H12	001430-97-3	70
2	9H-Fluorene, 1-methyl-		180	C14H12	001730-37-6	55
3	9H-Fluorene, 9-methyl-		180	C14H12	002523-37-7	50
4	9H-Fluorene, 9-methyl-		180	C14H12	002523-37-7	49
5	9H-Fluorene, 1-methyl-		180	C14H12	001730-37-6	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
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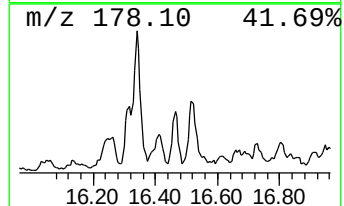
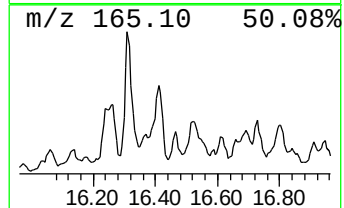
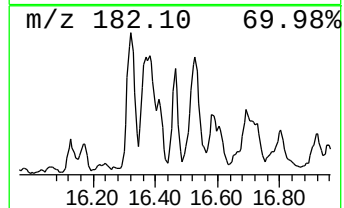
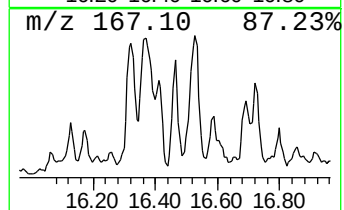
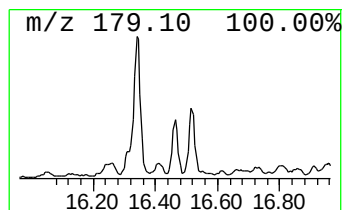
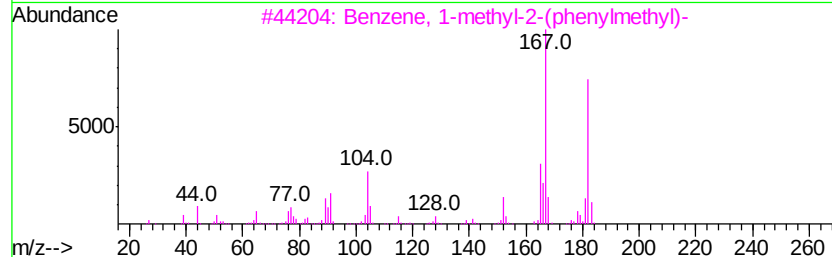
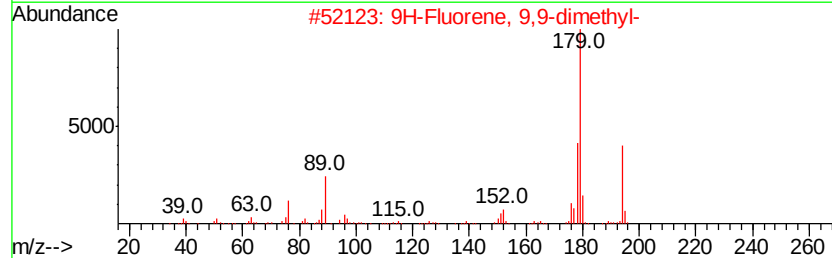
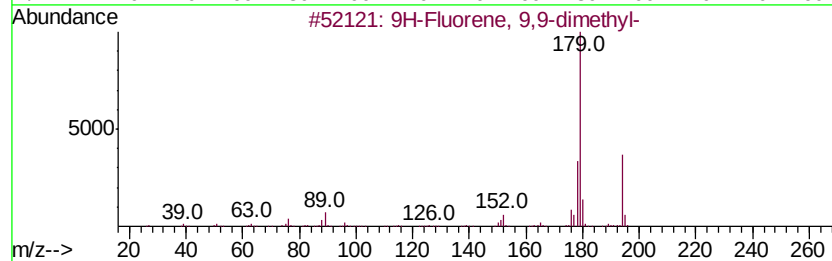
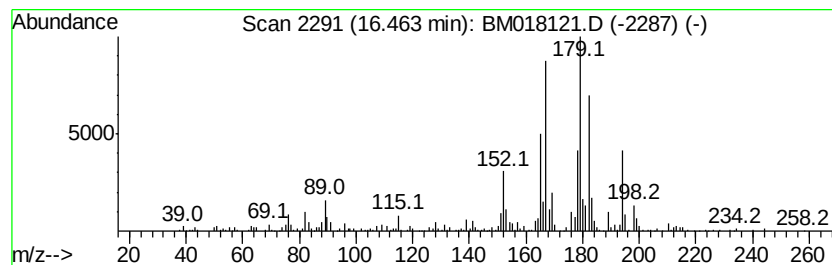
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 9H-Fluorene, 9,9-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	8.67 ng/ul	710077	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	83
2		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	52
3		Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	42
4		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	42
5		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121218\
 Data File : BM018121.D
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 Sample : J6171-15 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 F9Y25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	5.59	2.3	ng/ul	103661	1	7.55	908695	20.0
Naphthalene, 1-me...	12.20	5.9	ng/ul	376838	2	10.31	1283220	20.0
(DEL) Alkane: Str...	12.71	2.1	ng/ul	162138	3	14.19	1552160	20.0
Naphthalene, 2-et...	13.22	2.3	ng/ul	180287	3	14.19	1552160	20.0
Naphthalene, 2,6-...	13.35	7.4	ng/ul	573493	3	14.19	1552160	20.0
Naphthalene, 2,3-...	13.51	7.1	ng/ul	553023	3	14.19	1552160	20.0
Naphthalene, 2,7-...	13.56	5.9	ng/ul	457067	3	14.19	1552160	20.0
Tetrapentacontane...	13.67	2.4	ng/ul	186532	3	14.19	1552160	20.0
Naphthalene, 2-(1...	14.33	2.2	ng/ul	170746	3	14.19	1552160	20.0
Naphthalene, 1,6,...	14.49	4.9	ng/ul	380065	3	14.19	1552160	20.0
Naphthalene, 2,3,...	14.59	10.7	ng/ul	829552	3	14.19	1552160	20.0
(DEL) Alkane: 14.73	14.73	2.2	ng/ul	167252	3	14.19	1552160	20.0
Naphthalene, 1,4,...	14.87	2.6	ng/ul	201846	3	14.19	1552160	20.0
Naphthalene, 2-me...	15.30	6.7	ng/ul	520299	3	14.19	1552160	20.0
Naphthalene, 1-me...	15.33	3.4	ng/ul	260975	3	14.19	1552160	20.0
1-Isopropenyl naph...	15.37	4.4	ng/ul	343112	3	14.19	1552160	20.0
9H-Fluorene, 1-me...	15.42	4.9	ng/ul	383324	3	14.19	1552160	20.0
Cyclopentene, 1,2...	15.57	5.6	ng/ul	431166	3	14.19	1552160	20.0
Phenol, 3,4,5-tri...	15.67	2.5	ng/ul	202948	4	16.96	1638140	20.0
1,4,5,8-Tetrameth...	15.70	2.9	ng/ul	235240	4	16.96	1638140	20.0
(DEL) Alkane: Str...	15.94	16.4	ng/ul	1345310	4	16.96	1638140	20.0
Naphthalene, 1,2,...	16.07	5.0	ng/ul	407345	4	16.96	1638140	20.0
9H-Fluorene, 2-me...	16.26	5.3	ng/ul	433386	4	16.96	1638140	20.0
9H-Fluorene, 9,9-...	16.46	8.7	ng/ul	710077	4	16.96	1638140	20.0