

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
 Data File : BN008551.D
 Acq On : 14 Nov 2019 08:58
 Operator : JU
 Sample : K5678-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA1

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_N\METHODS\SOM-EPA-BN111319MA.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	3.222	37	40	46	rVB2	57173	85040	0.44%	0.042%
2	3.552	93	96	100	rVB	45128	59536	0.31%	0.029%
3	3.852	142	147	152	rVB	74095	121507	0.63%	0.060%
4	3.934	157	161	166	rVB	50646	65374	0.34%	0.032%
5	4.816	307	311	316	rVB3	38230	56958	0.29%	0.028%
6	5.340	395	400	406	rBV	45364	88555	0.46%	0.044%
7	5.699	458	461	471	rVV5	29495	75282	0.39%	0.037%
8	6.822	643	652	661	rVB	1106642	1851830	9.56%	0.911%
9	6.981	671	679	686	rBV	844323	1304372	6.74%	0.642%
10	7.181	706	713	720	rVB	1154175	1776903	9.18%	0.874%
11	7.299	727	733	739	rBV2	73900	128804	0.67%	0.063%
12	7.640	783	791	797	rBV	1375925	2108218	10.89%	1.038%
13	7.722	797	805	809	rVV2	60709	100293	0.52%	0.049%
14	7.881	824	832	836	rBV3	43766	82571	0.43%	0.041%
15	8.346	904	911	917	rVV	1236261	1989229	10.27%	0.979%
16	8.399	917	920	924	rVV	44337	84994	0.44%	0.042%
17	8.452	924	929	937	rVB	103609	183042	0.95%	0.090%
18	8.775	971	984	992	rBV	1106603	1831641	9.46%	0.901%
19	8.963	1011	1016	1020	rBV5	41923	62348	0.32%	0.031%
20	9.269	1061	1068	1073	rVB3	41701	62788	0.32%	0.031%
21	9.493	1097	1106	1113	rBV	879184	1424949	7.36%	0.701%
22	9.840	1154	1165	1171	rBV	22523	70307	0.36%	0.035%
23	10.028	1190	1197	1207	rVB	1367481	2302780	11.89%	1.133%
24	10.404	1254	1261	1265	rBV	1800797	3050404	15.75%	1.501%
25	10.451	1265	1269	1276	rVB	2188737	3481010	17.98%	1.713%
26	10.534	1276	1283	1294	rBV2	402845	951601	4.91%	0.468%
27	11.146	1382	1387	1389	rBV3	44423	71412	0.37%	0.035%
28	11.175	1389	1392	1396	rVV2	86631	149377	0.77%	0.074%
29	11.228	1396	1401	1407	rVB2	121217	234194	1.21%	0.115%
30	11.757	1486	1491	1498	rBV	76906	133954	0.69%	0.066%
31	11.893	1504	1514	1520	rVB2	179594	374543	1.93%	0.184%
32	12.069	1537	1544	1551	rVB	2250213	3502686	18.09%	1.724%
33	12.193	1558	1565	1572	rBV3	66626	144702	0.75%	0.071%
34	12.293	1572	1582	1594	rVB	1052078	1797049	9.28%	0.884%

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35	12.575	1624	1630	1635	rBV	58483	111865	0.58%	0.055%
36	12.798	1662	1668	1672	rBV7	35580	68977	0.36%	0.034%
37	13.092	1712	1718	1726	rVV	802713	1301669	6.72%	0.641%
38	13.169	1727	1731	1739	rVB10	32326	81389	0.42%	0.040%
39	13.292	1746	1752	1761	rVB	285470	484040	2.50%	0.238%
40	13.428	1768	1775	1777	rBV2	237606	412653	2.13%	0.203%
41	13.587	1795	1802	1807	rBV	363731	625558	3.23%	0.308%
42	13.640	1807	1811	1813	rVV2	238684	326213	1.68%	0.161%
43	13.681	1813	1818	1823	rVV	2332939	3253250	16.80%	1.601%
44	13.728	1823	1826	1830	rVV	260658	341182	1.76%	0.168%
45	13.787	1830	1836	1839	rVV5	67099	146092	0.75%	0.072%
46	13.822	1839	1842	1846	rVV	155553	230616	1.19%	0.113%
47	13.951	1858	1864	1875	rVV	2654358	4160747	21.49%	2.048%
48	14.069	1880	1884	1889	rBV6	44104	77661	0.40%	0.038%
49	14.204	1903	1907	1910	rBV	103760	135048	0.70%	0.066%
50	14.263	1910	1917	1923	rVV2	2656600	4160420	21.49%	2.048%
51	14.328	1923	1928	1936	rVV	2269606	3349999	17.30%	1.649%
52	14.387	1936	1938	1944	rVB	61929	82078	0.42%	0.040%
53	14.463	1946	1951	1959	rBV	571086	947050	4.89%	0.466%
54	14.539	1961	1964	1966	rVV4	44830	62456	0.32%	0.031%
55	14.575	1967	1970	1973	rVV2	106388	179557	0.93%	0.088%
56	14.604	1973	1975	1980	rVV2	131208	191174	0.99%	0.094%
57	14.663	1980	1985	1993	rVV	1682114	2529279	13.06%	1.245%
58	14.751	1996	2000	2004	rVB	80800	116502	0.60%	0.057%
59	14.898	2020	2025	2030	rBV6	46578	100483	0.52%	0.049%
60	14.945	2030	2033	2038	rVB4	65366	91903	0.47%	0.045%
61	15.022	2043	2046	2051	rBV2	52028	112355	0.58%	0.055%
62	15.098	2056	2059	2064	rVB2	106523	131096	0.68%	0.065%
63	15.157	2066	2069	2074	rVB	123394	157861	0.82%	0.078%
64	15.257	2081	2086	2091	rBV	3114890	4460027	23.04%	2.195%
65	15.316	2091	2096	2101	rVB2	1368018	1909269	9.86%	0.940%
66	15.375	2101	2106	2111	rBV	625426	841086	4.34%	0.414%
67	15.481	2120	2124	2130	rVB3	109066	189378	0.98%	0.093%
68	15.569	2136	2139	2142	rVB3	82658	100608	0.52%	0.050%
69	15.616	2143	2147	2151	rVB	131426	176682	0.91%	0.087%
70	15.669	2153	2156	2161	rVB3	123606	179329	0.93%	0.088%
71	15.757	2168	2171	2180	rBV	143309	299809	1.55%	0.148%

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72	15.904	2192	2196	2203	rVB	623508	798942	4.13%	0.393%
73	16.022	2210	2216	2218	rBV3	165979	286911	1.48%	0.141%
74	16.522	2299	2301	2305	rVB2	127461	118603	0.61%	0.058%
75	16.822	2349	2352	2357	rVB2	273598	386163	1.99%	0.190%
76	17.010	2378	2384	2387	rBV	2923758	4220343	21.80%	2.077%
77	17.051	2387	2391	2395	rVV	3228229	4423884	22.85%	2.177%
78	17.104	2395	2400	2404	rVV	3417431	5000692	25.83%	2.461%
79	17.139	2404	2406	2412	rVB	1221380	1370292	7.08%	0.674%
80	17.222	2417	2420	2424	rVB3	304369	387565	2.00%	0.191%
81	17.404	2448	2451	2457	rBV2	376715	682272	3.52%	0.336%
82	17.933	2538	2541	2547	rBV2	470956	593085	3.06%	0.292%
83	18.598	2651	2654	2659	rVB2	859378	1032432	5.33%	0.508%
84	19.069	2730	2734	2739	rVB	2222473	2969982	15.34%	1.462%
85	19.404	2787	2791	2794	rBV2	3844045	5249307	27.11%	2.583%
86	20.004	2890	2893	2896	rBV	1231676	1364881	7.05%	0.672%
87	20.957	3051	3055	3056	rBV	4906744	6159772	31.81%	3.031%
88	21.157	3086	3089	3092	rVB	3721595	3620271	18.70%	1.782%
89	21.204	3093	3097	3101	rVV2	2940660	4057679	20.96%	1.997%
90	21.580	3158	3161	3164	rVB	1375286	1467922	7.58%	0.722%
91	21.839	3201	3205	3211	rBV	10965141	14470309	74.74%	7.121%
92	22.516	3316	3320	3325	rVB	4162999	5618777	29.02%	2.765%
93	22.798	3364	3368	3370	rBV	4452189	6671413	34.46%	3.283%
94	22.827	3370	3373	3385	rVB	10248114	15224399	78.63%	7.493%
95	23.257	3442	3446	3451	rVB	2238619	3381070	17.46%	1.664%
96	23.645	3508	3512	3520	rVB	4306312	7493469	38.70%	3.688%
97	23.980	3566	3569	3575	rVB	2256246	3771342	19.48%	1.856%
98	24.051	3576	3581	3592	rVB	4158833	7867944	40.64%	3.872%
99	26.386	3971	3978	3988	rVB2	4660961	13209355	68.22%	6.501%
100	27.262	4119	4127	4147	rVB4	5262749	19361529	100.00%	9.529%

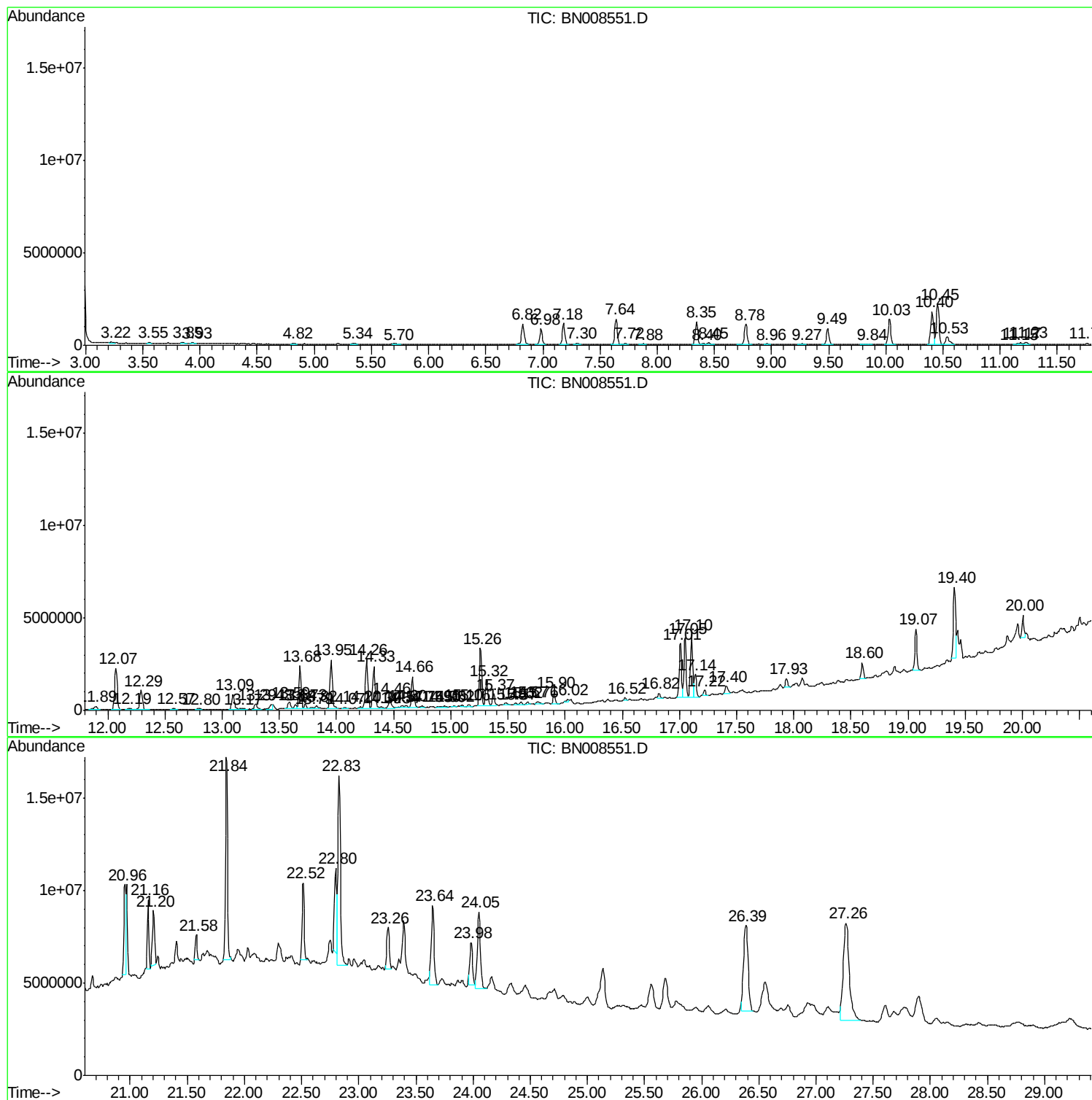
Sum of corrected areas: 203194219

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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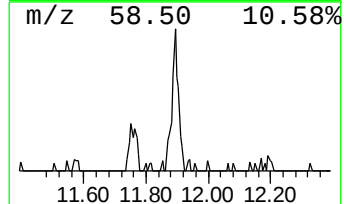
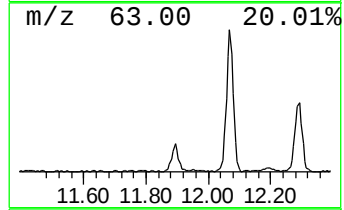
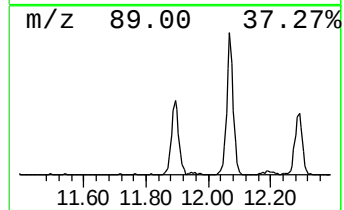
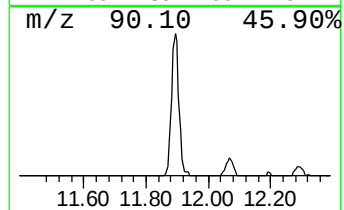
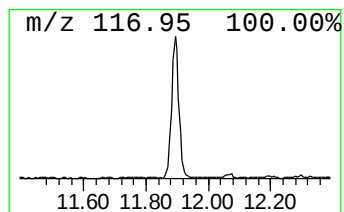
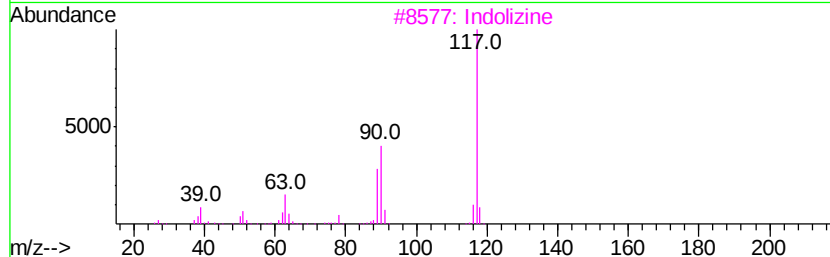
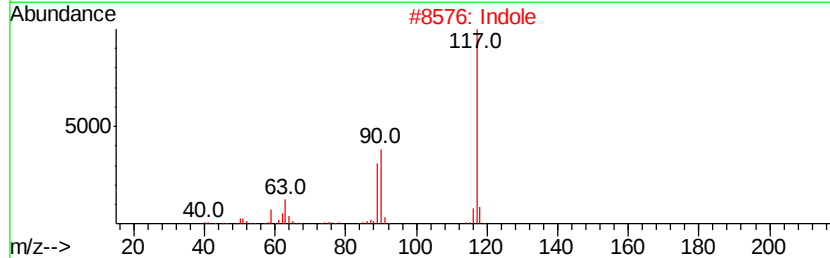
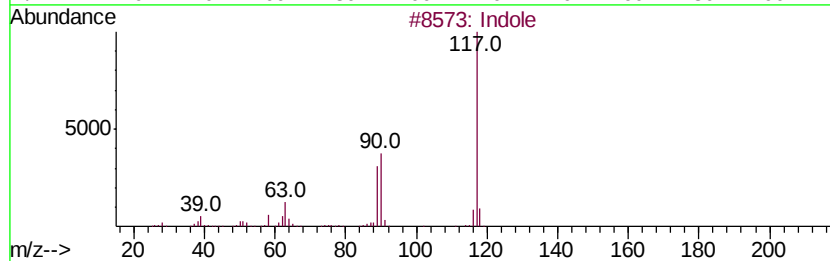
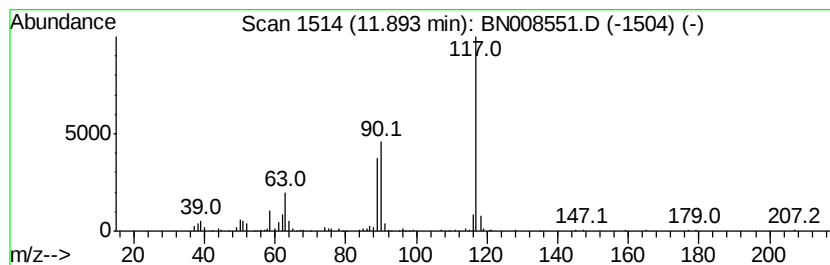
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Indole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.46 ng/ul	374543	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indole	117	C8H7N	000120-72-9	95
2		Indole	117	C8H7N	000120-72-9	94
3		Indolizine	117	C8H7N	000274-40-8	91
4		Benzyl nitrile	117	C8H7N	000140-29-4	90
5		Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	90



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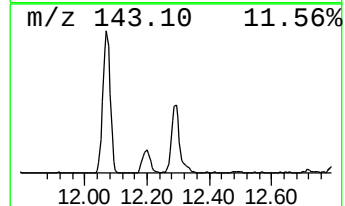
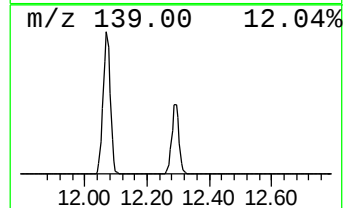
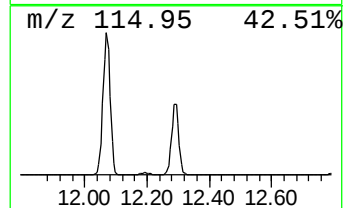
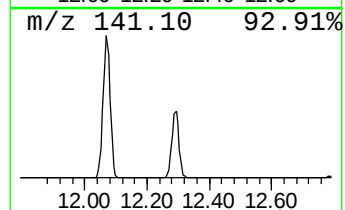
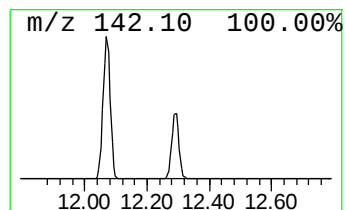
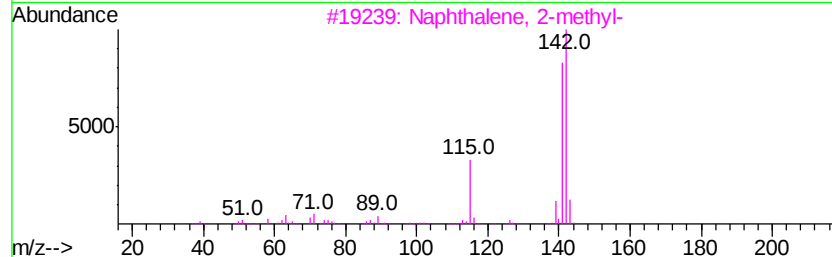
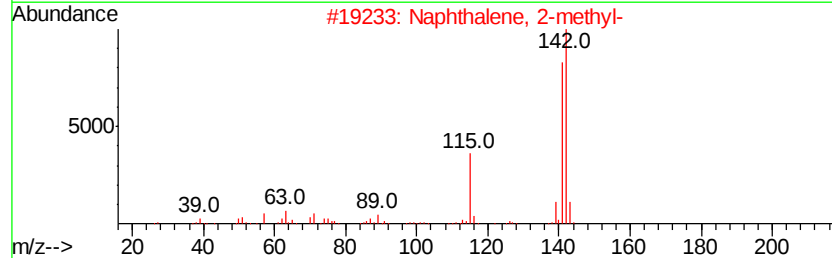
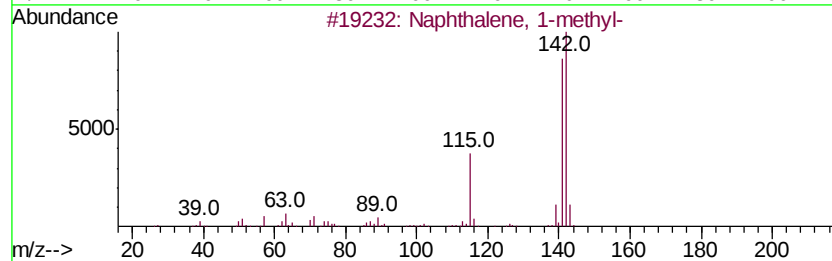
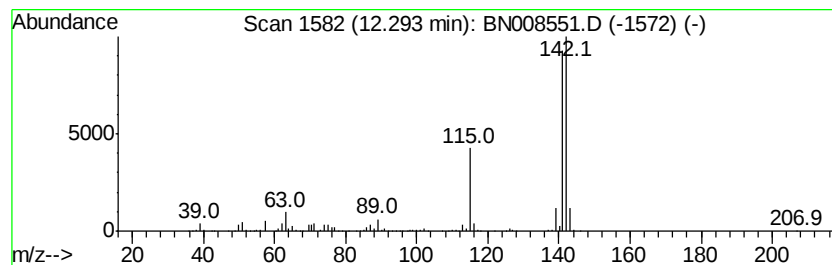
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Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	11.78 ng/ul	1797050	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



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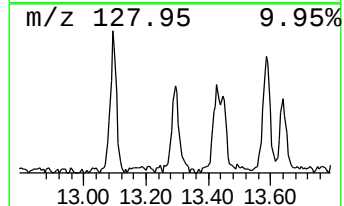
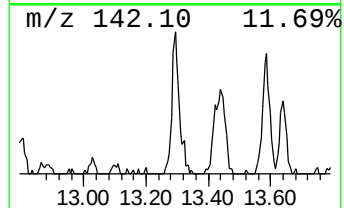
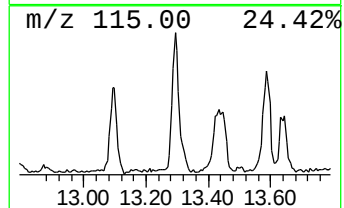
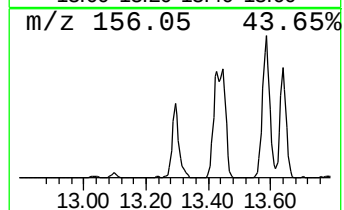
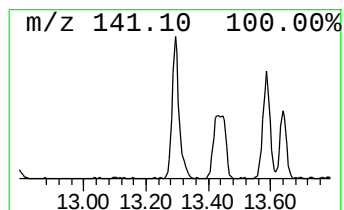
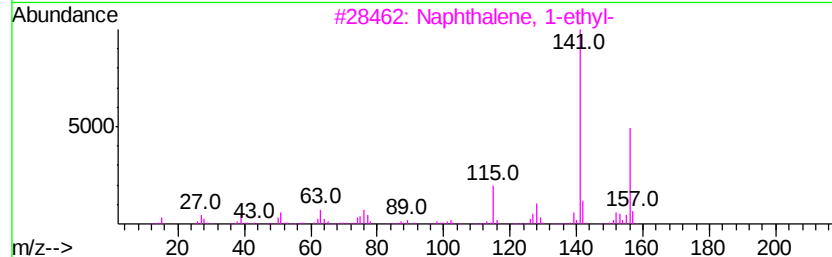
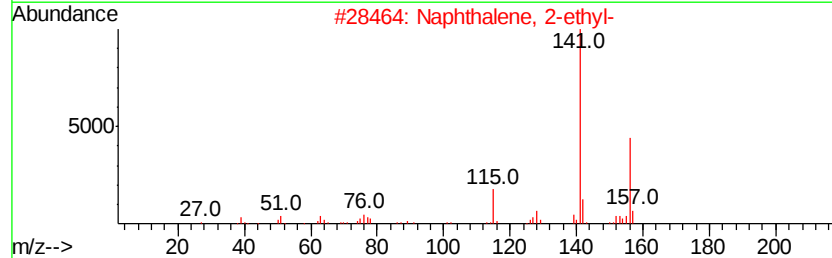
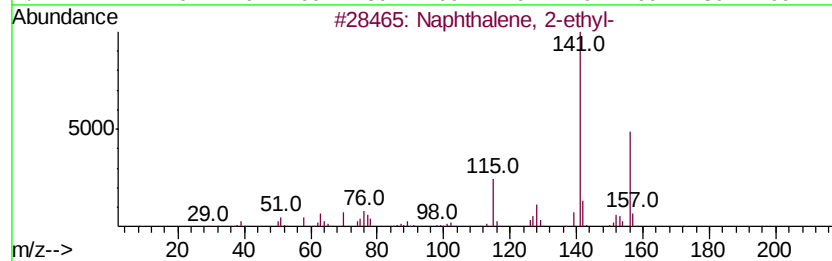
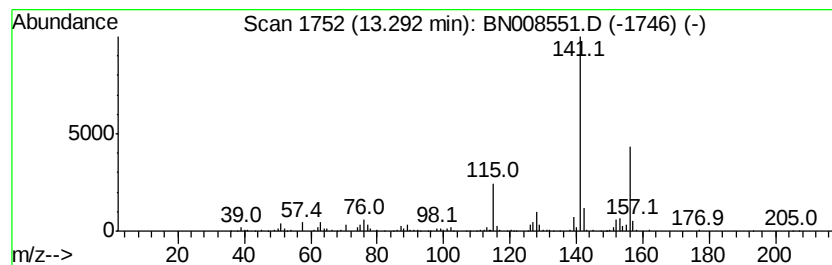
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.33 ng/ul	484040	Acenaphthene-d10	14.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
4		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 93
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008551.D
Acq On : 14 Nov 2019 08:58
Operator : JU
Sample : K5678-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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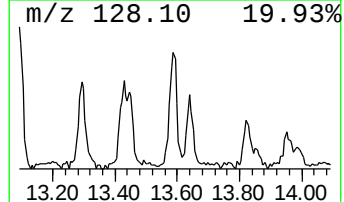
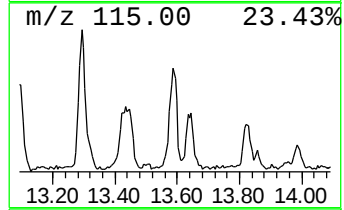
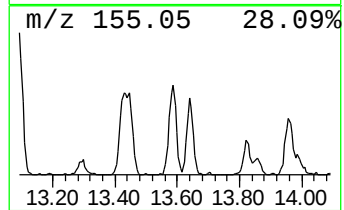
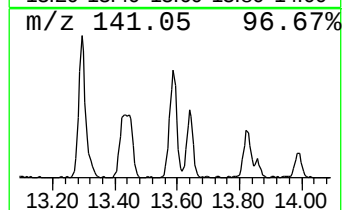
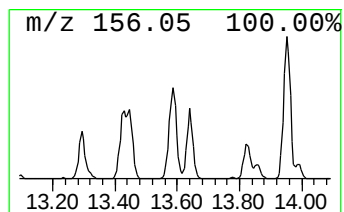
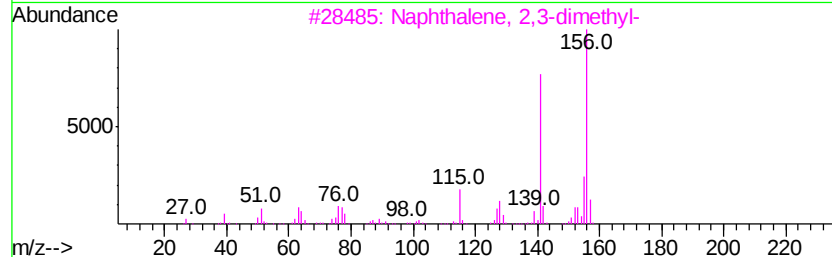
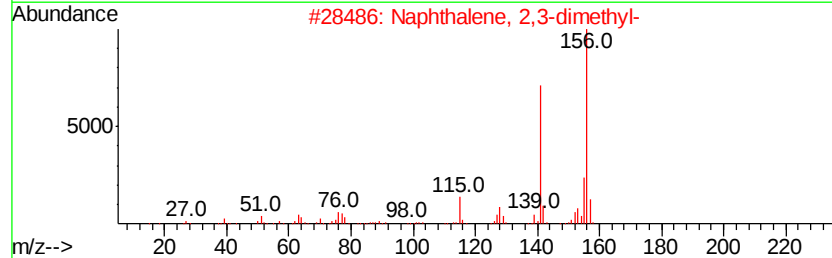
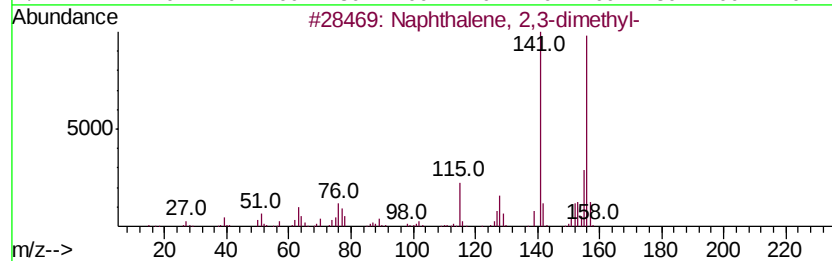
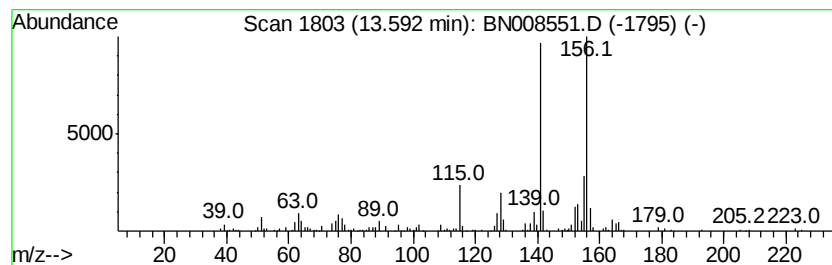
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	3.01 ng/ul	625558	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
Data File : BN008551.D
Acq On : 14 Nov 2019 08:58
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Sample : K5678-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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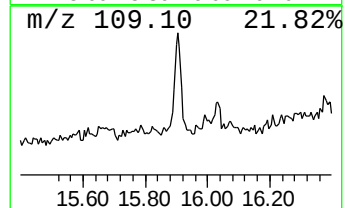
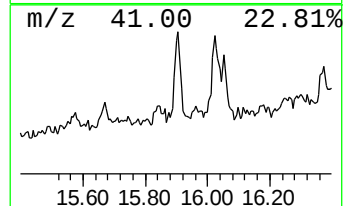
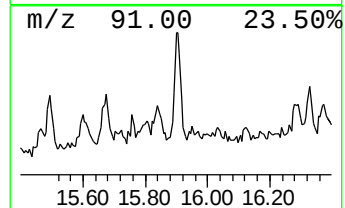
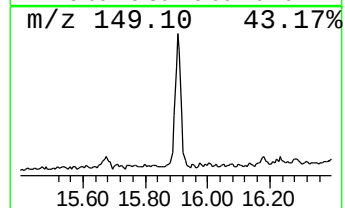
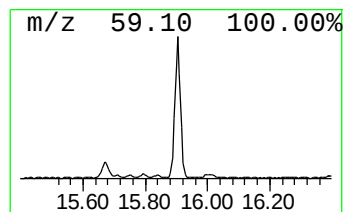
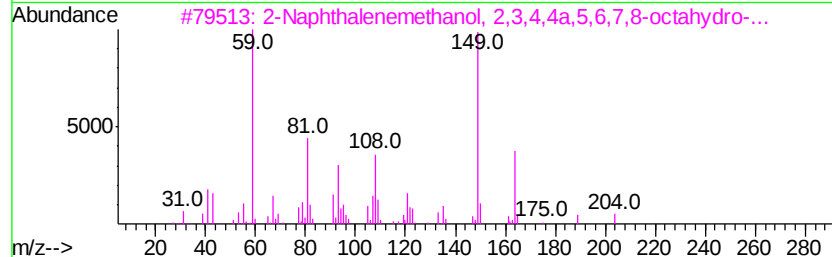
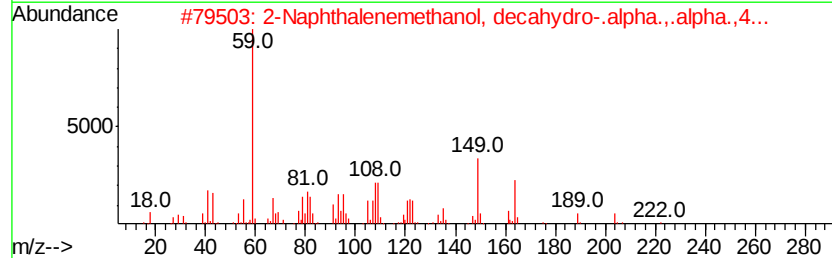
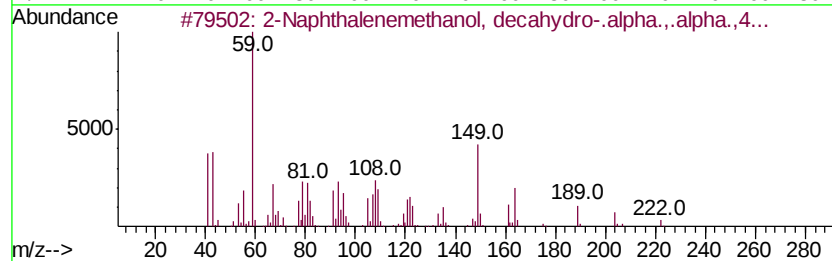
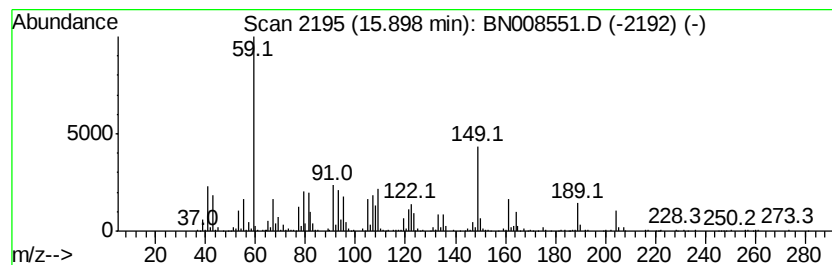
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Naphthalenemethanol, deca... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	3.79 ng/ul	798942	Phenanthrene-d10	17.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol,	decahydro...	222	C15H26O	000473-15-4	83	
2	2-Naphthalenemethanol,	decahydro...	222	C15H26O	000473-15-4	76	
3	2-Naphthalenemethanol,	2,3,4,4a,...	222	C15H26O	063891-61-2	53	
4	2-Naphthalenemethanol,	1,2,3,4,4...	222	C15H26O	000473-16-5	50	
5	2-Naphthalenemethanol,	decahydro...	222	C15H26O	000473-15-4	43	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
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Acq On : 14 Nov 2019 08:58
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Sample : K5678-16
Misc :
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ClientSampleId :
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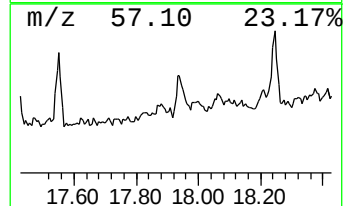
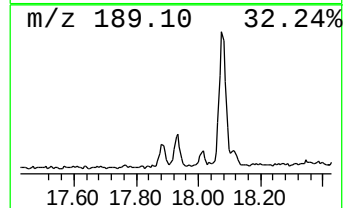
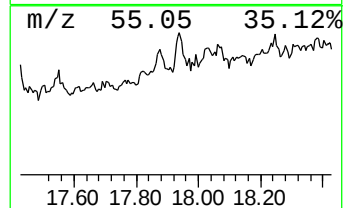
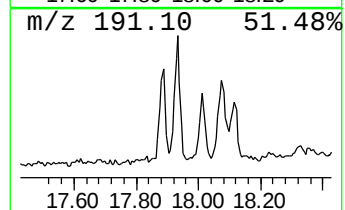
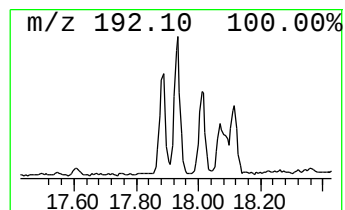
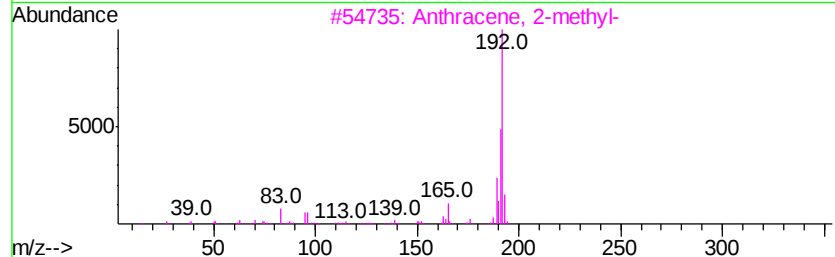
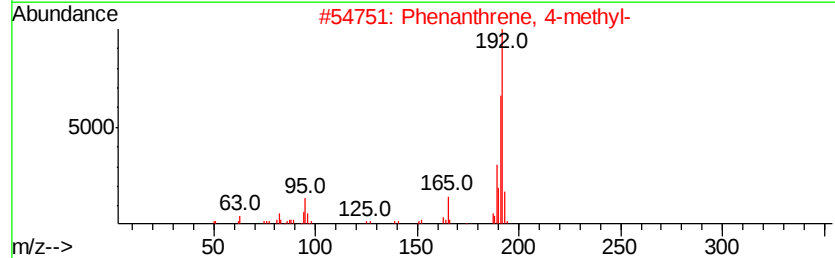
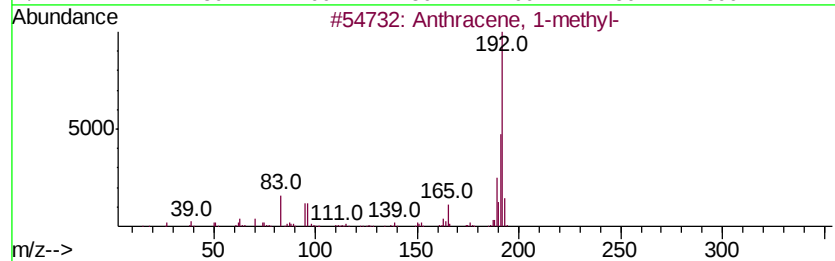
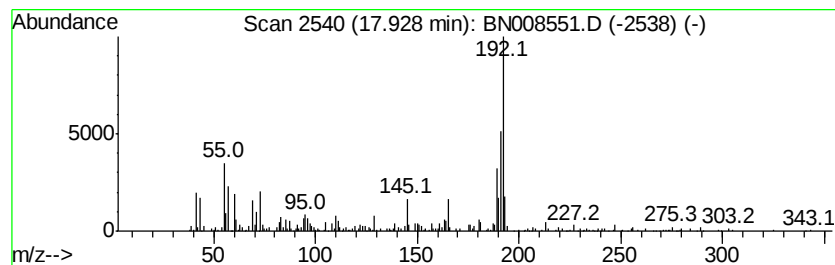
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.81 ng/ul	593085	Phenanthrene-d10	17.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



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Sample : K5678-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

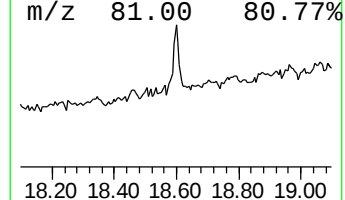
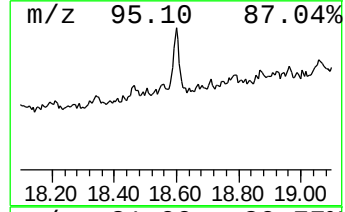
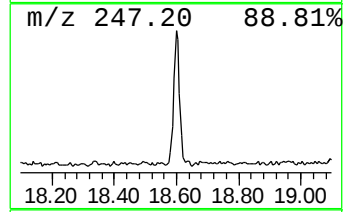
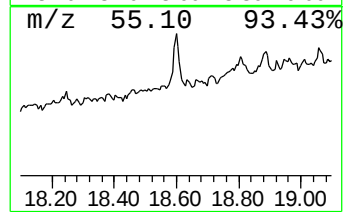
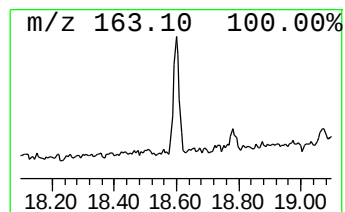
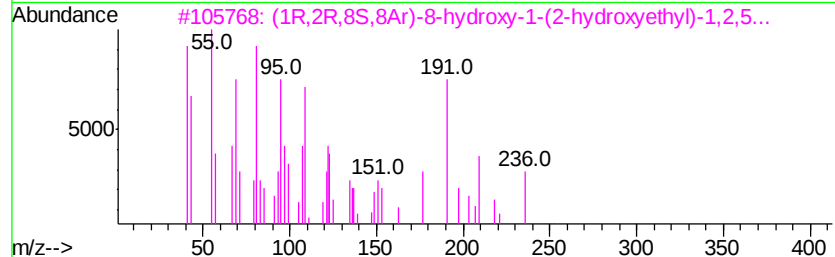
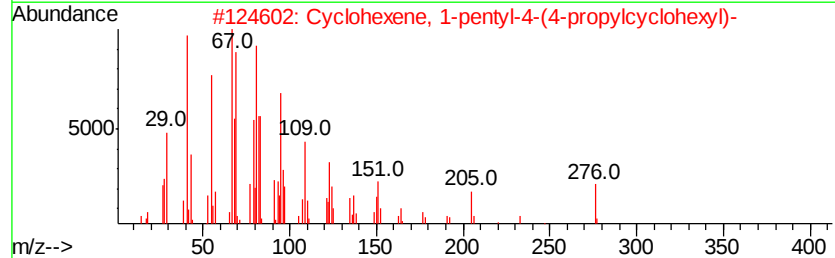
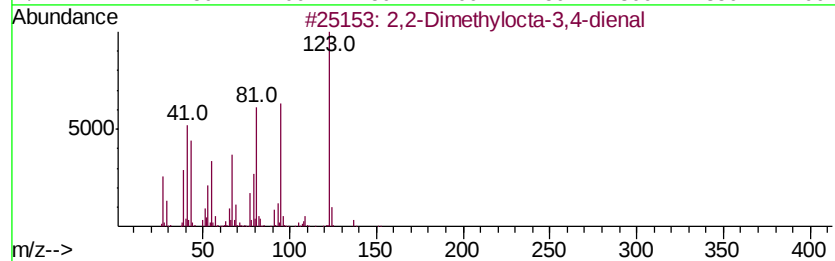
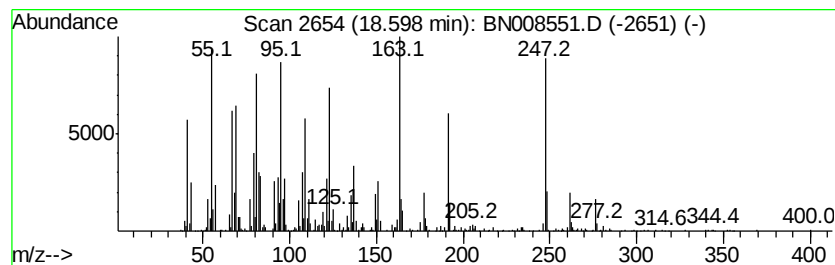
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	4.89 ng/ul	1032430	Phenanthrene-d10	17.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,2-Dimethylocta-3,4-dienal	152 C10H16O	000590-71-6	35
2	Cyclohexene, 1-pentyl-4-(4-propyl-...	276 C20H36	108067-20-5	35
3	(1R,2R,8S,8Ar)-8-hydroxy-1-(2-hv...	254 C16H30O2	1000298-98-6	30
4	7-Tetradecyne	194 C14H26	035216-11-6	27
5	photocitral B	152 C10H16O	006040-45-5	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
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Instrument :
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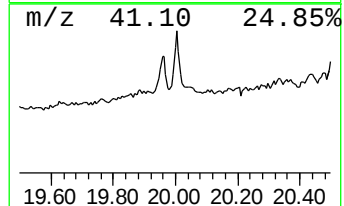
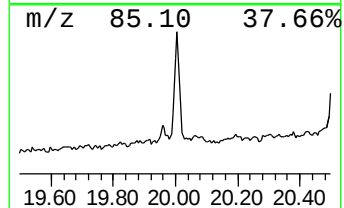
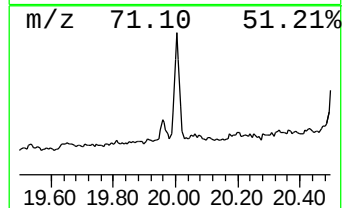
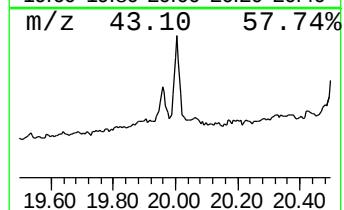
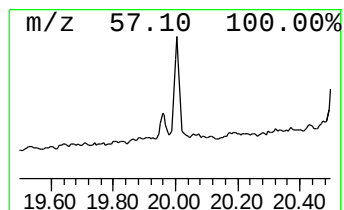
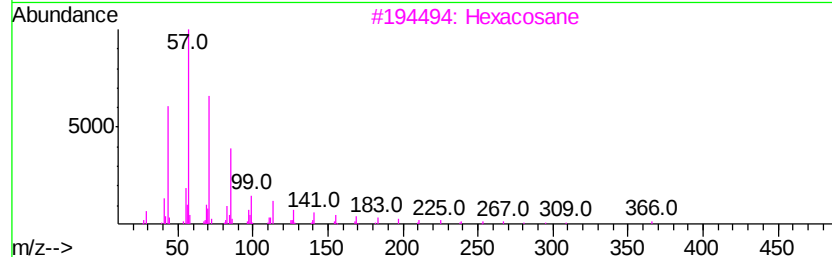
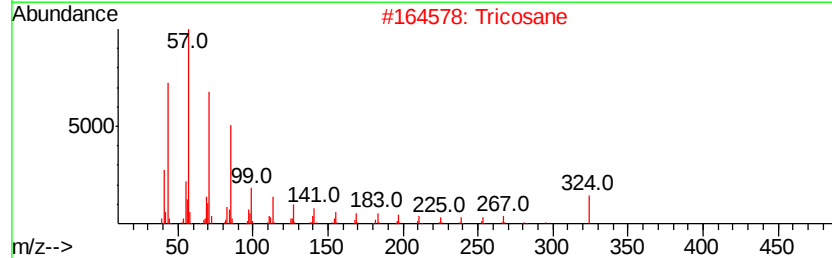
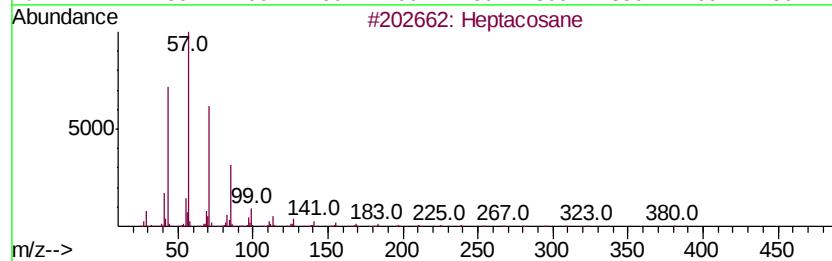
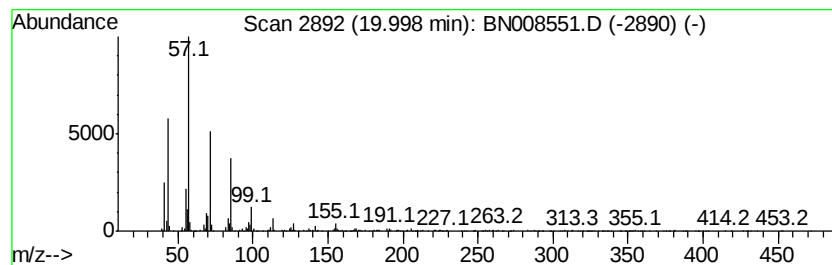
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	6.73 ng/ul	1364880	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	98
2			Tricosane	324	C23H48	000638-67-5	95
3			Hexacosane	366	C26H54	000630-01-3	93
4			Tricosane	324	C23H48	000638-67-5	93
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
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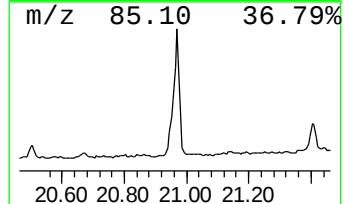
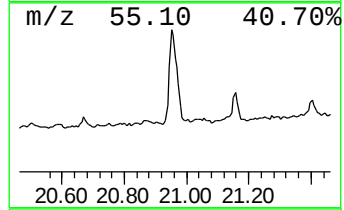
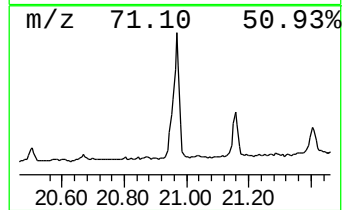
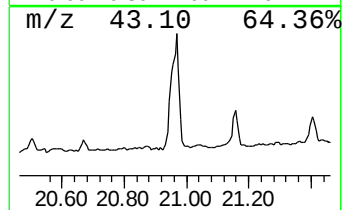
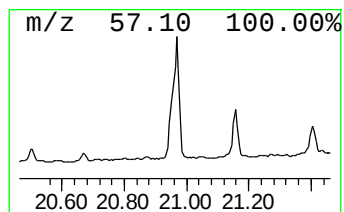
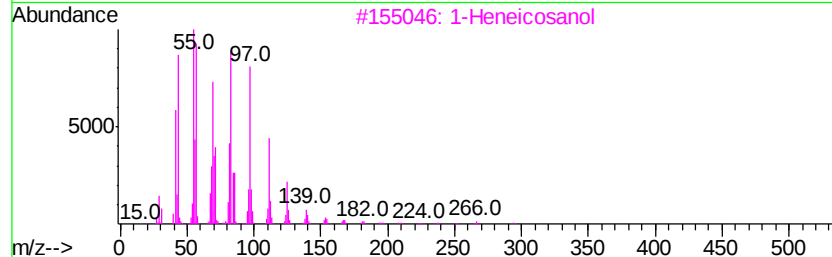
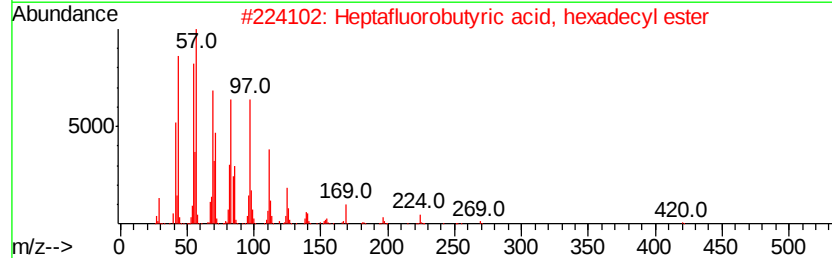
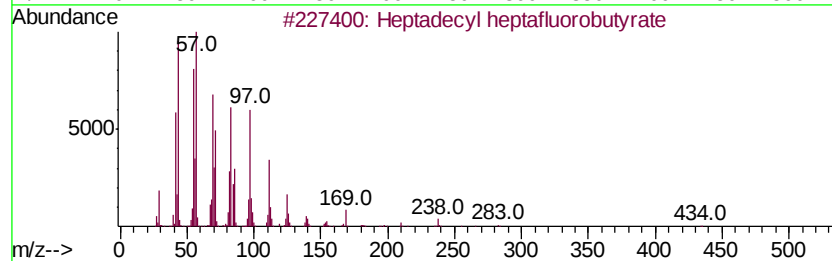
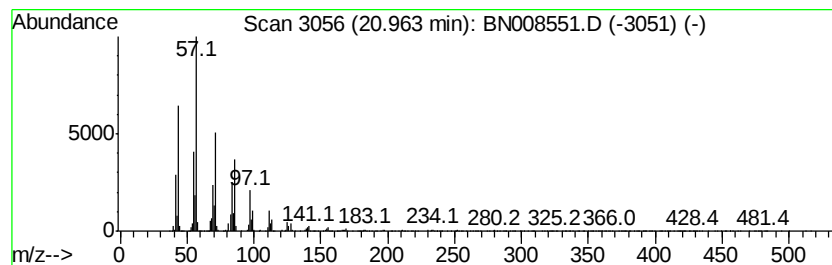
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptadecyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	30.36 ng/ul	6159770	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6	94
2	Heptafluorobutyric acid, hexadec...	438 C20H33F7O2	006385-15-5	94
3	1-Heneicosanol	312 C21H44O	015594-90-8	93
4	Heneicosyl heptafluorobutyrate	508 C25H43F7O2	1000351-83-8	91
5	Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008551.D
Acq On : 14 Nov 2019 08:58
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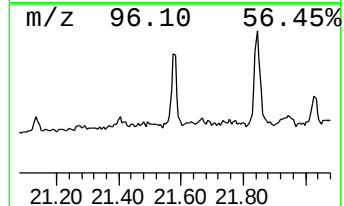
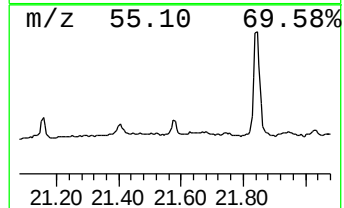
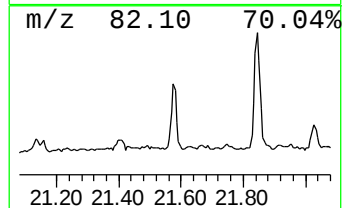
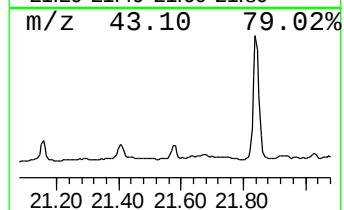
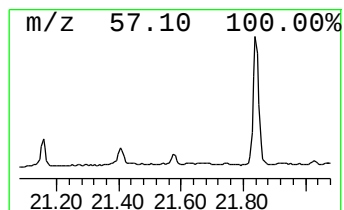
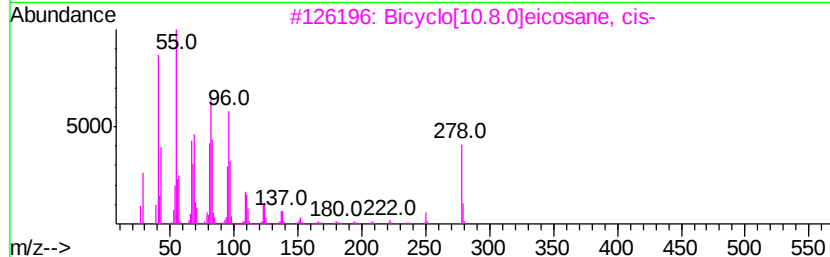
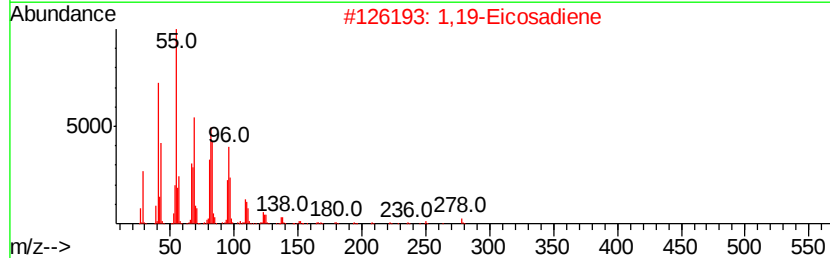
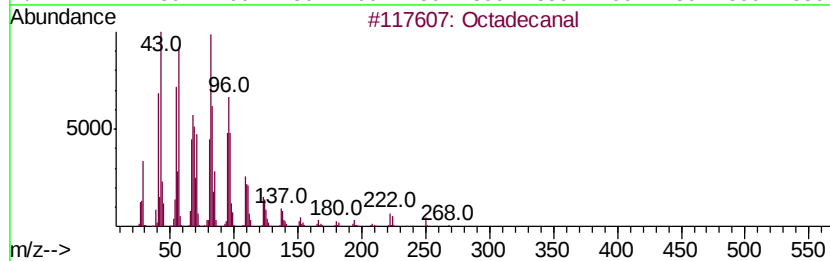
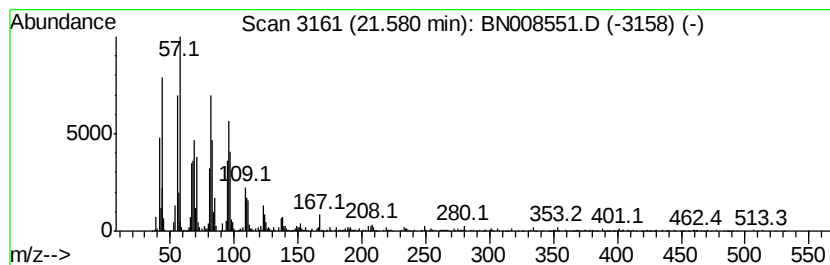
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	7.24 ng/ul	1467920	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	96
2		1,19-Eicosadiene	278	C20H38	014811-95-1	95
3		Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	93
4		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	90
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008551.D
Acq On : 14 Nov 2019 08:58
Operator : JU
Sample : K5678-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA1

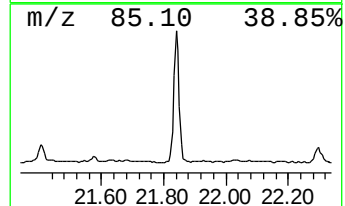
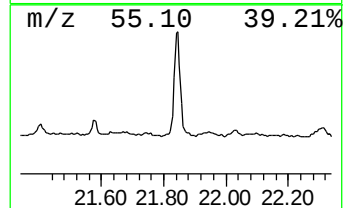
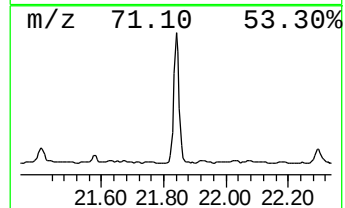
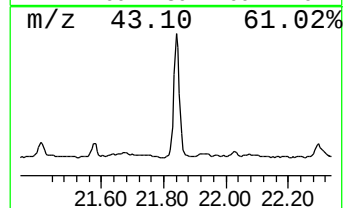
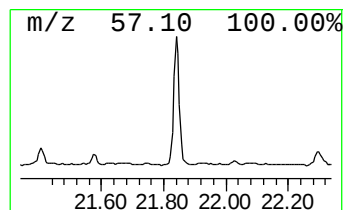
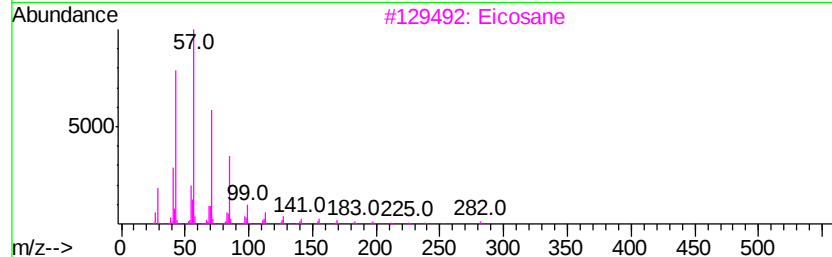
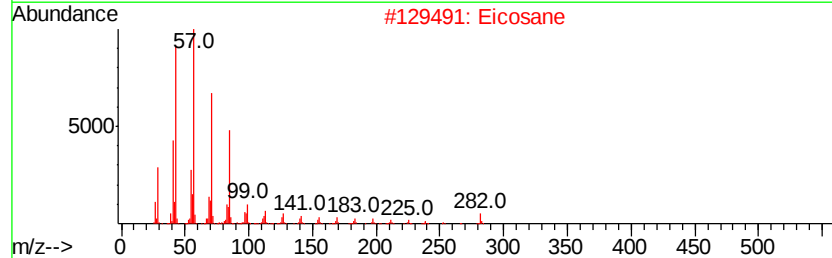
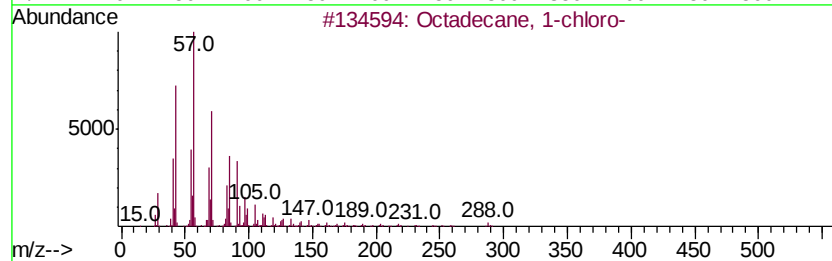
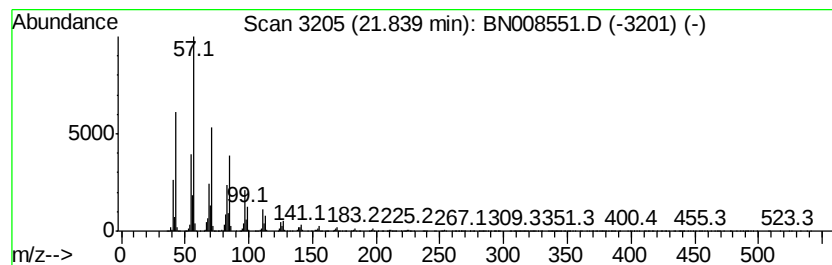
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octadecane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	71.32 ng/ul	14470300	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	95
2		Eicosane	282	C20H42	000112-95-8	94
3		Eicosane	282	C20H42	000112-95-8	93
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
5		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008551.D
Acq On : 14 Nov 2019 08:58
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Sample : K5678-16
Misc :
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Instrument :
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ClientSampleId :
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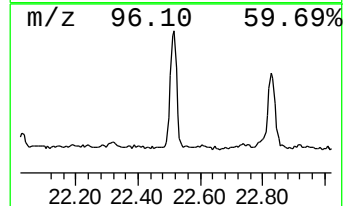
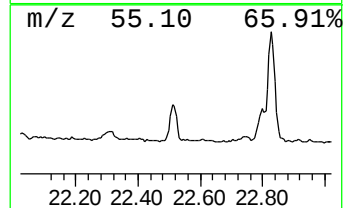
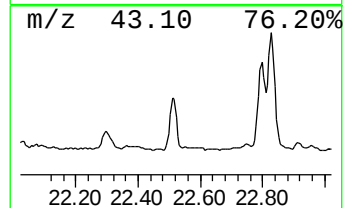
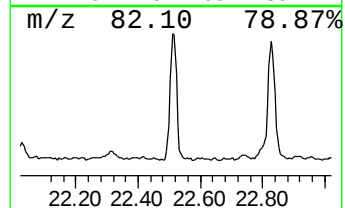
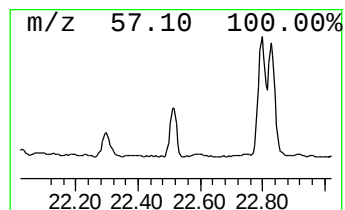
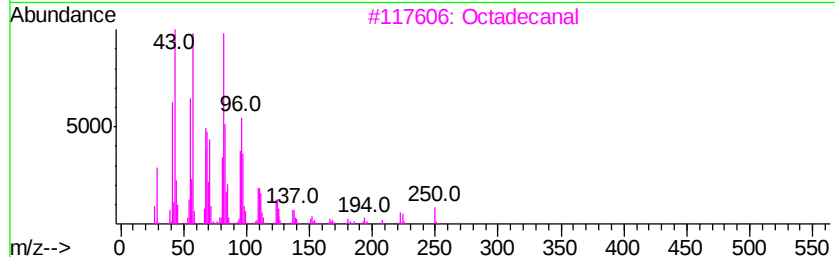
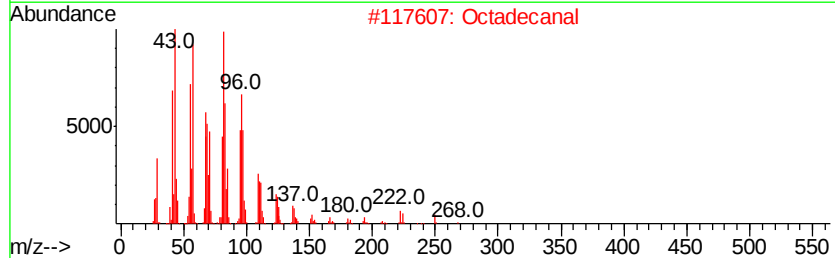
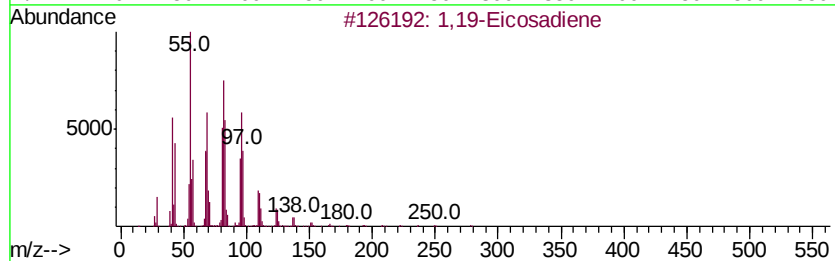
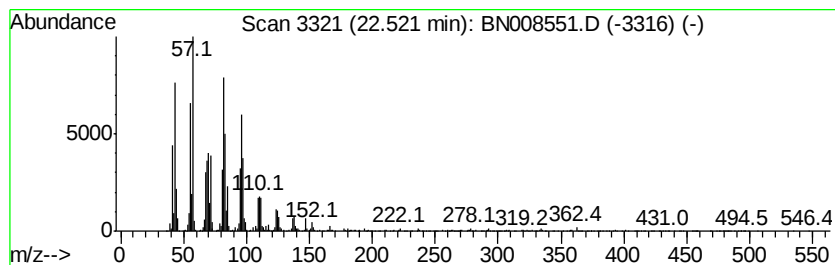
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1,19-Eicosadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	33.24 ng/ul	5618780	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2		Octadecanal	268	C18H36O	000638-66-4	94
3		Octadecanal	268	C18H36O	000638-66-4	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Tetracosanal	352	C24H48O	057866-08-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008551.D
Acq On : 14 Nov 2019 08:58
Operator : JU
Sample : K5678-16
Misc :
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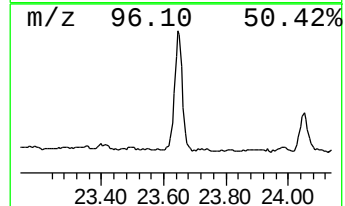
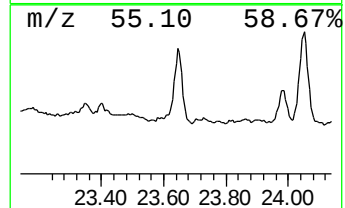
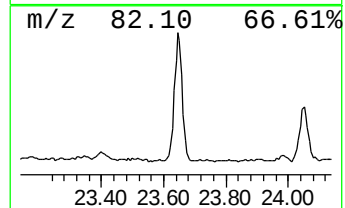
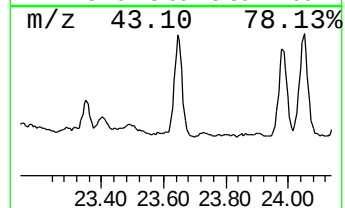
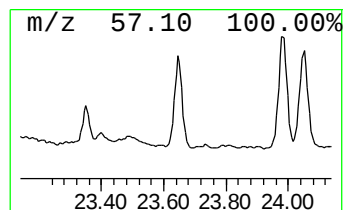
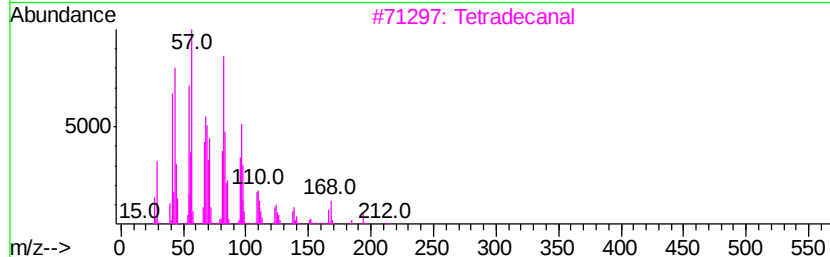
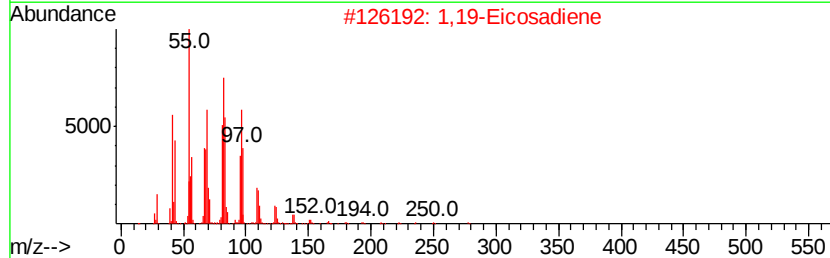
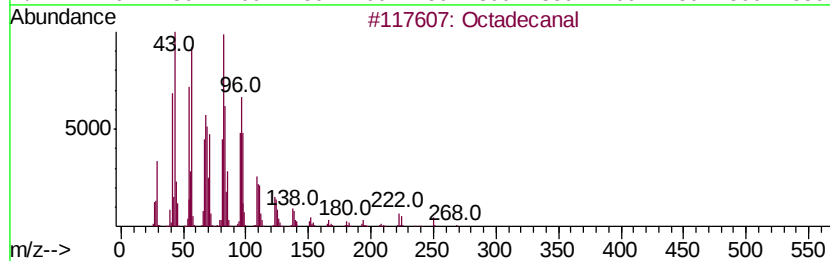
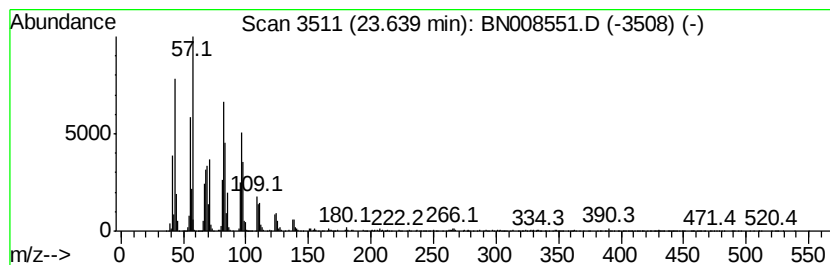
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetradecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.64	44.33 ng/ul	7493470	Perylene-d12	23.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	96
2	1,19-Eicosadiene	278	C20H38	014811-95-1	94
3	Tetradecanal	212	C14H28O	000124-25-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	1,19-Eicosadiene	278	C20H38	014811-95-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008551.D
Acq On : 14 Nov 2019 08:58
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Misc :
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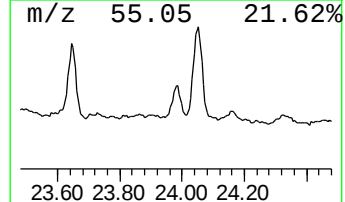
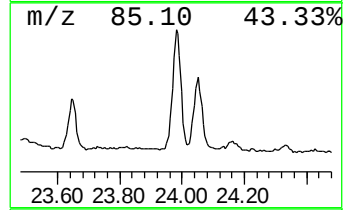
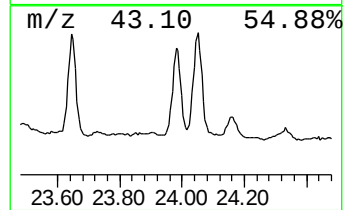
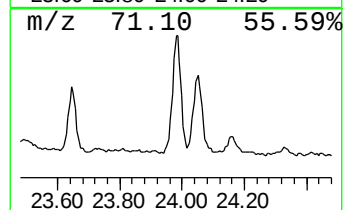
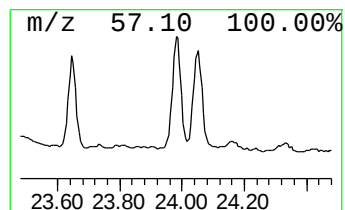
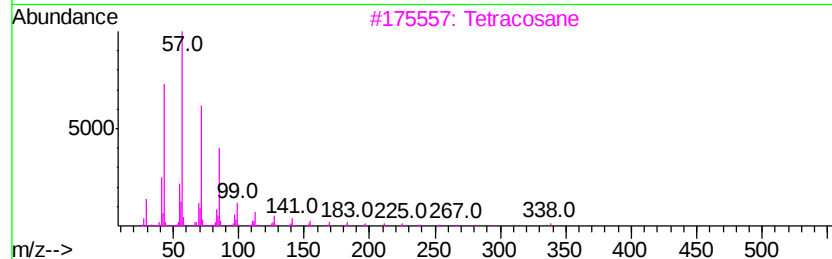
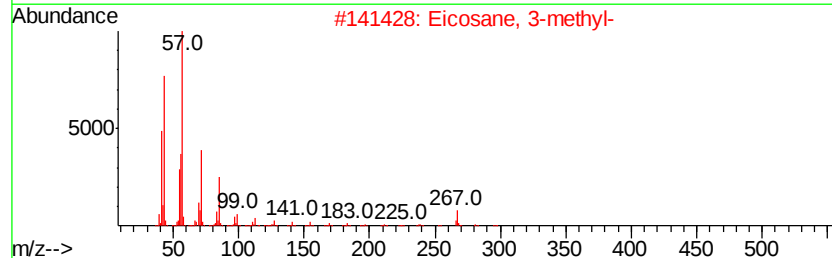
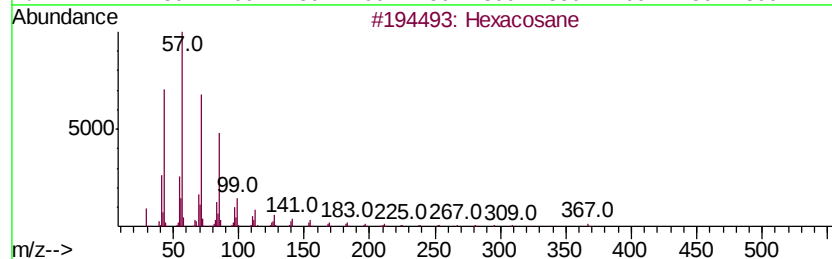
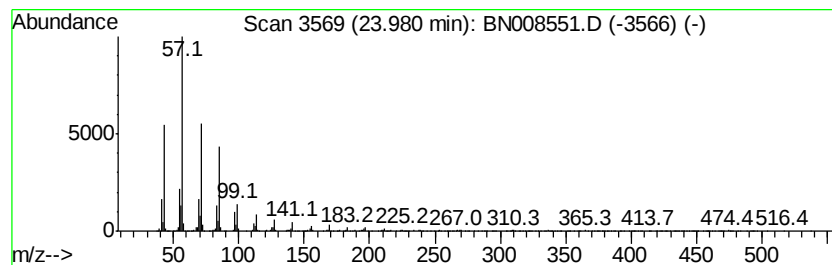
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	22.31 ng/ul	3771340	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Eicosane, 3-methyl-	296	C21H44	006418-46-8	94
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008551.D
Acq On : 14 Nov 2019 08:58
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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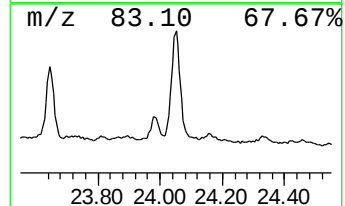
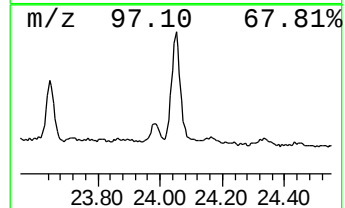
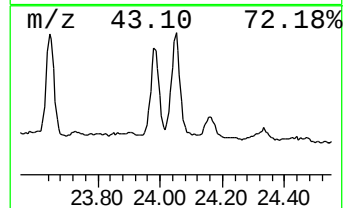
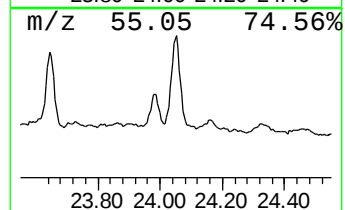
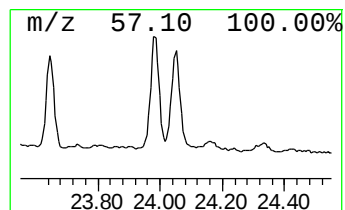
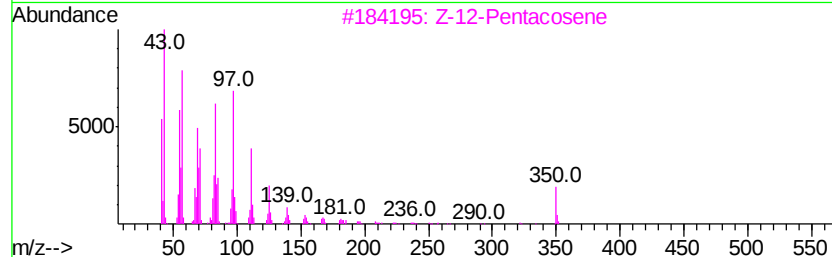
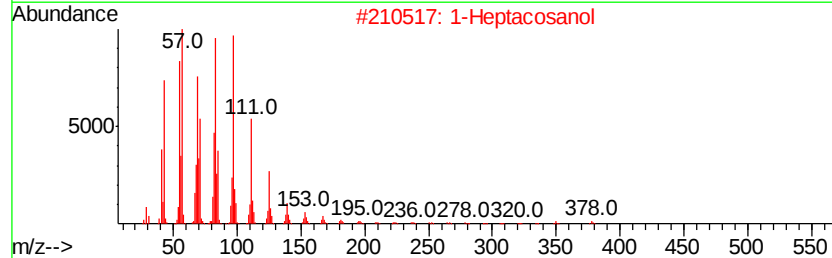
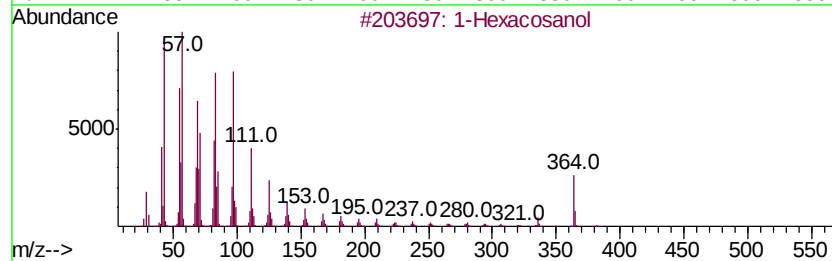
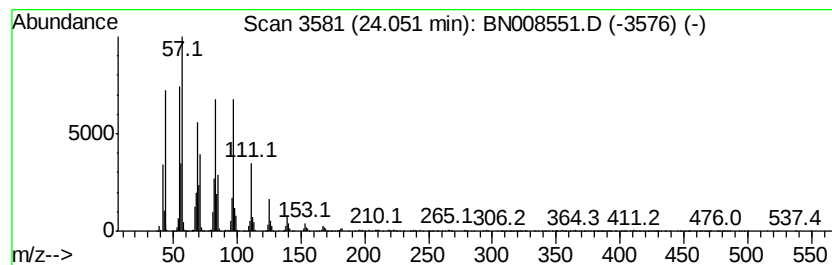
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1-Hexacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	46.54 ng/ul	7867940	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexacosanol	382	C26H54O	000506-52-5	95
2		1-Heptacosanol	396	C27H56O	002004-39-9	95
3		Z-12-Pentacosene	350	C25H50	1000131-09-4	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5		1-Hexacosene	364	C26H52	018835-33-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
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Acq On : 14 Nov 2019 08:58
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ClientSampleId :
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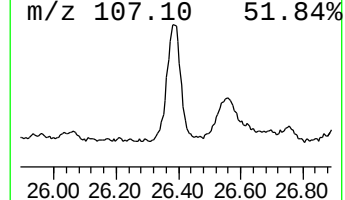
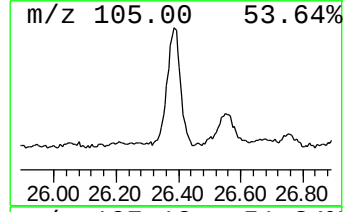
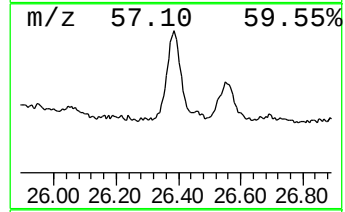
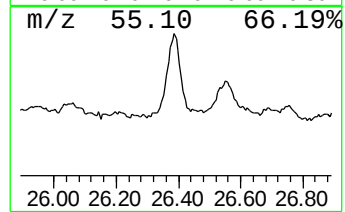
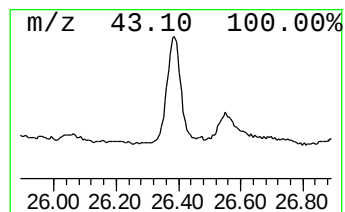
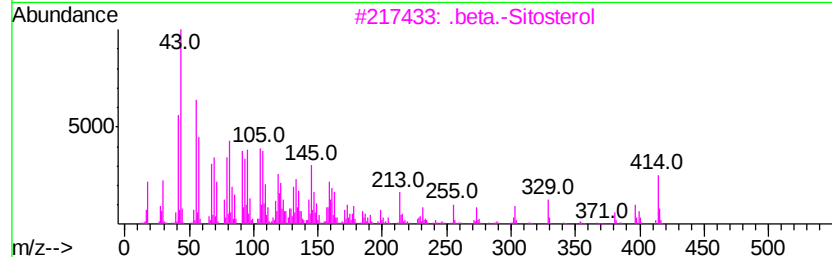
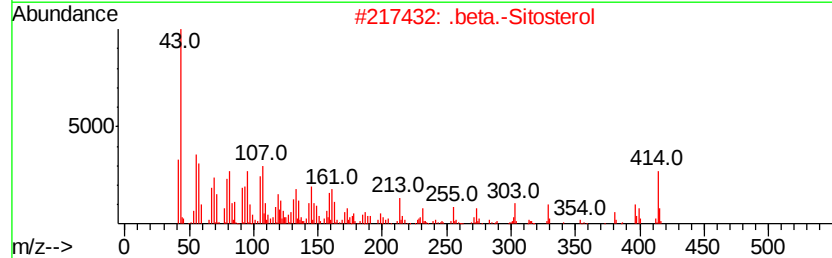
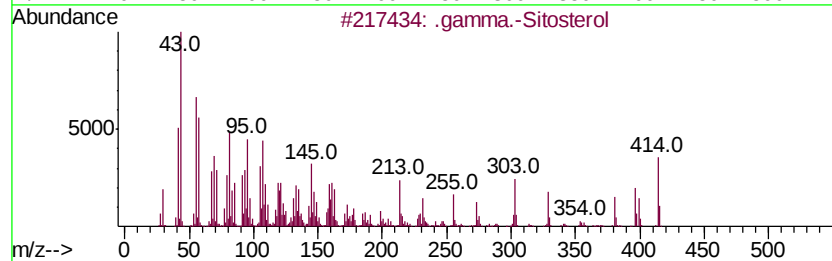
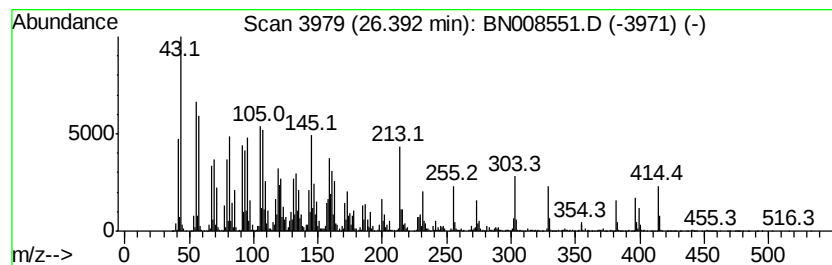
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.39	78.14 ng/ul	13209400	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	99
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	95
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	78
5		Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
Data File : BN008551.D
Acq On : 14 Nov 2019 08:58
Operator : JU
Sample : K5678-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA1

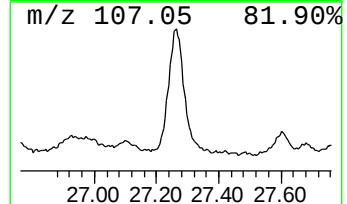
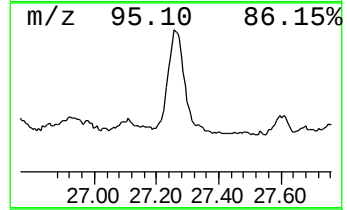
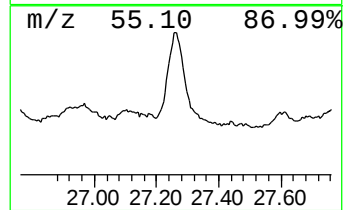
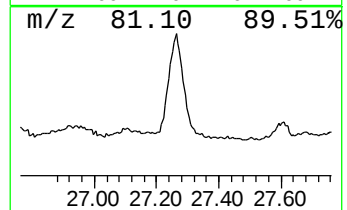
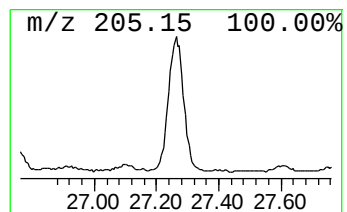
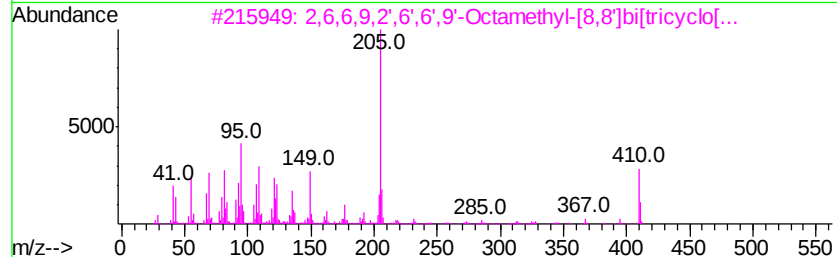
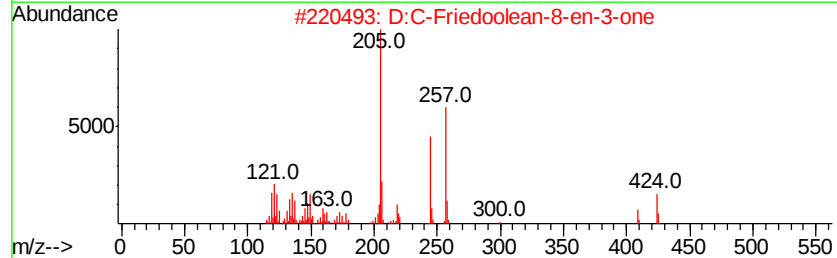
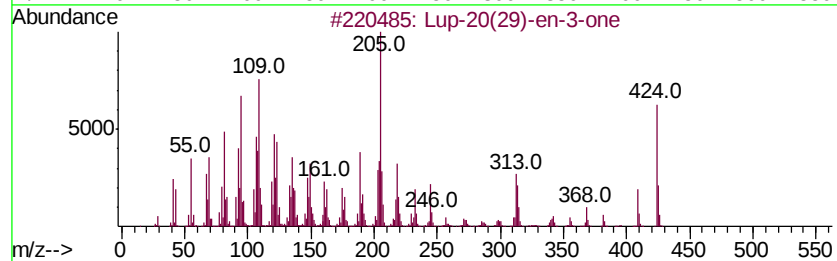
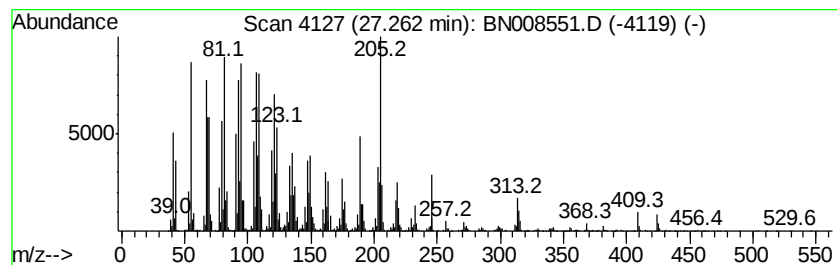
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Lup-20(29)-en-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.26	114.53 ng/ul	19361500	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	99
2		D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	81
3		2,6,6,9,2',6',6',9'-Octamethyl-[...]	410	C30H50	1000189-48-2	64
4		Guaia-9,11-diene	204	C15H24	1000374-19-8	60
5		9,19-Cyclolanost-23-ene-3,25-dio...	442	C30H50O2	054482-57-4	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
 Data File : BN008551.D
 Acq On : 14 Nov 2019 08:58
 Operator : JU
 Sample : K5678-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indole	11.89	2.5	ng/ul	374543	2	10.40	3050400	20.0
Naphthalene, 1-me...	12.29	11.8	ng/ul	1797050	2	10.40	3050400	20.0
Naphthalene, 2-et...	13.29	2.3	ng/ul	484040	3	14.26	4160420	20.0
Naphthalene, 2,3-...	13.59	3.0	ng/ul	625558	3	14.26	4160420	20.0
2-Naphthalenemeth...	15.90	3.8	ng/ul	798942	4	17.01	4220340	20.0
Anthracene, 1-met...	17.93	2.8	ng/ul	593085	4	17.01	4220340	20.0
unknown-01	18.60	4.9	ng/ul	1032430	4	17.01	4220340	20.0
(DEL) Alkane: Str...	20.00	6.7	ng/ul	1364880	5	21.20	4057680	20.0
Heptadecyl heptaf...	20.96	30.4	ng/ul	6159770	5	21.20	4057680	20.0
Octadecanal	21.58	7.2	ng/ul	1467920	5	21.20	4057680	20.0
Octadecane, 1-chl...	21.84	71.3	ng/ul	14470300	5	21.20	4057680	20.0
1,19-Eicosadiene	22.52	33.2	ng/ul	5618780	6	23.39	3381070	20.0
Tetradecanal	23.64	44.3	ng/ul	7493470	6	23.39	3381070	20.0
(DEL) Alkane: Str...	23.98	22.3	ng/ul	3771340	6	23.39	3381070	20.0
1-Hexacosanol	24.05	46.5	ng/ul	7867940	6	23.39	3381070	20.0
.gamma.-Sitosterol	26.39	78.1	ng/ul	13209400	6	23.39	3381070	20.0
Lup-20(29)-en-3-one	27.26	114.5	ng/ul	19361500	6	23.39	3381070	20.0