

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110477.D
 Acq On : 5 Nov 2018 20:45
 Operator : JU/SJ
 Sample : J5764-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-110218-F

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % 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_F\METHODS\8270-BF102318.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.299	30	36	43	rBV	358517	457383	17.74%	1.155%
2	4.099	338	342	349	rVB	76282	94946	3.68%	0.240%
3	5.204	525	530	540	rVB	74552	111456	4.32%	0.281%
4	5.451	568	572	575	rBV	138133	121963	4.73%	0.308%
5	5.557	586	590	591	rBV	219867	229925	8.92%	0.581%
6	5.581	591	594	597	rVB	2263796	2226338	86.36%	5.622%
7	5.810	629	633	638	rBV	151898	135260	5.25%	0.342%
8	6.410	733	735	738	rBV	64915	61477	2.38%	0.155%
9	6.475	743	746	749	rBV	194454	159380	6.18%	0.402%
10	6.510	749	752	754	rVV	103425	89442	3.47%	0.226%
11	6.551	756	759	760	rVV	91977	76050	2.95%	0.192%
12	6.587	760	765	771	rVV2	2082388	2577872	100.00%	6.509%
13	6.634	771	773	781	rVB	119094	111155	4.31%	0.281%
14	6.728	784	789	792	rVV	2686196	2442108	94.73%	6.167%
15	6.775	794	797	801	rVB	366404	293859	11.40%	0.742%
16	6.957	824	828	833	rBV	729349	681897	26.45%	1.722%
17	7.004	833	836	842	rVB2	86676	109603	4.25%	0.277%
18	7.110	850	854	857	rBV	1928680	1708246	66.27%	4.314%
19	7.192	865	868	870	rBV	55431	52996	2.06%	0.134%
20	7.222	870	873	877	rVV2	80270	91685	3.56%	0.232%
21	7.263	877	880	886	rVB2	135573	142563	5.53%	0.360%
22	7.481	914	917	919	rBV	125978	102296	3.97%	0.258%
23	7.522	919	924	934	rVB	1542554	1490713	57.83%	3.764%
24	7.969	994	1000	1002	rBV3	76786	79421	3.08%	0.201%
25	8.239	1041	1046	1048	rBV	864306	845101	32.78%	2.134%
26	8.257	1048	1049	1056	rVV	339110	280174	10.87%	0.707%
27	8.951	1163	1167	1173	rBV	143591	134053	5.20%	0.338%
28	9.051	1181	1184	1190	rVB	132147	117314	4.55%	0.296%
29	9.310	1223	1228	1231	rBV	2324539	1910489	74.11%	4.824%
30	9.581	1268	1274	1278	rBV	56899	76595	2.97%	0.193%
31	9.651	1282	1286	1289	rBV	94772	103794	4.03%	0.262%
32	9.698	1292	1294	1301	rVB	375839	328626	12.75%	0.830%
33	9.857	1317	1321	1325	rBV2	65681	61852	2.40%	0.156%
34	9.998	1341	1345	1348	rVV	875639	826370	32.06%	2.087%

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35	10.028	1348	1350	1355	rVV	476457	370199	14.36%	0.935%
36	10.151	1366	1371	1375	rBV2	48949	56707	2.20%	0.143%
37	10.198	1375	1379	1383	rVV	187075	208868	8.10%	0.527%
38	10.310	1394	1398	1401	rBV2	47598	59363	2.30%	0.150%
39	10.398	1408	1413	1415	rBV4	43181	52198	2.02%	0.132%
40	10.545	1434	1438	1443	rVB	341194	309889	12.02%	0.783%
41	10.698	1462	1464	1469	rVB	103214	92241	3.58%	0.233%
42	10.786	1475	1479	1485	rBV	1256232	1237595	48.01%	3.125%
43	10.886	1492	1496	1500	rBV4	32400	59268	2.30%	0.150%
44	11.092	1524	1531	1534	rBV2	88171	134572	5.22%	0.340%
45	11.216	1548	1552	1554	rBV4	54764	75686	2.94%	0.191%
46	11.292	1562	1565	1568	rVB	62488	58293	2.26%	0.147%
47	11.327	1568	1571	1573	rBV2	73783	78486	3.04%	0.198%
48	11.386	1578	1581	1588	rVB	140470	135894	5.27%	0.343%
49	11.486	1595	1598	1600	rBV	672019	648150	25.14%	1.637%
50	11.516	1600	1603	1606	rVV	2292631	1956233	75.89%	4.940%
51	11.563	1606	1611	1614	rVV	429464	427076	16.57%	1.078%
52	11.598	1615	1617	1622	rVB	48960	61129	2.37%	0.154%
53	11.722	1633	1638	1641	rBV2	155229	205081	7.96%	0.518%
54	11.992	1680	1684	1686	rBV2	302981	302372	11.73%	0.764%
55	12.016	1686	1688	1692	rVV	315581	278985	10.82%	0.704%
56	12.069	1693	1697	1699	rVV	108906	103954	4.03%	0.262%
57	12.104	1699	1703	1705	rVV2	381165	395133	15.33%	0.998%
58	12.127	1705	1707	1710	rVB	164818	137301	5.33%	0.347%
59	12.280	1730	1733	1736	rVV	178929	149438	5.80%	0.377%
60	12.316	1736	1739	1744	rVV2	106553	106702	4.14%	0.269%
61	12.433	1755	1759	1762	rVB2	64258	75481	2.93%	0.191%
62	12.539	1774	1777	1780	rBV2	132517	152921	5.93%	0.386%
63	12.580	1781	1784	1786	rVV2	68187	81191	3.15%	0.205%
64	12.633	1789	1793	1797	rBV3	69012	104070	4.04%	0.263%
65	12.710	1801	1806	1809	rBV	2101635	1936033	75.10%	4.889%
66	12.733	1809	1810	1814	rVB2	89274	74586	2.89%	0.188%
67	12.769	1814	1816	1820	rBV2	62438	75489	2.93%	0.191%
68	12.939	1842	1845	1850	rVB	1664992	1745715	67.72%	4.408%
69	12.980	1850	1852	1857	rVB2	101640	111231	4.31%	0.281%
70	13.069	1862	1867	1870	rVV	1311749	1175431	45.60%	2.968%
71	13.098	1870	1872	1876	rVB	86215	78153	3.03%	0.197%

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72	13.151	1877	1881	1886	rBV2	115445	202975	7.87%	0.513%
73	13.263	1892	1900	1904	rBV	301726	422640	16.39%	1.067%
74	13.327	1908	1911	1914	rBV	236803	214033	8.30%	0.540%
75	13.369	1914	1918	1921	rVV2	148155	164251	6.37%	0.415%
76	13.463	1931	1934	1936	rBV2	111403	99543	3.86%	0.251%
77	13.492	1936	1939	1942	rVV2	115551	112479	4.36%	0.284%
78	13.745	1979	1982	1985	rBV2	56880	78883	3.06%	0.199%
79	13.774	1985	1987	1991	rVB	87481	78367	3.04%	0.198%
80	13.886	2003	2006	2008	rBV	114752	96297	3.74%	0.243%
81	13.910	2008	2010	2013	rVV	142705	112870	4.38%	0.285%
82	13.945	2013	2016	2021	rVV3	183572	258484	10.03%	0.653%
83	14.133	2043	2048	2051	rBV2	913896	1364969	52.95%	3.447%
84	14.163	2051	2053	2060	rVB	858146	737679	28.62%	1.863%
85	14.245	2064	2067	2069	rBV	169106	164036	6.36%	0.414%
86	14.521	2111	2114	2117	rVV	156020	153821	5.97%	0.388%
87	14.557	2117	2120	2124	rVV2	72433	101396	3.93%	0.256%
88	14.651	2134	2136	2138	rBV2	62321	58399	2.27%	0.147%
89	14.880	2173	2175	2178	rVB4	77188	77423	3.00%	0.196%
90	15.039	2199	2202	2205	rBV2	68469	75664	2.94%	0.191%
91	15.210	2226	2231	2234	rBV	493505	774151	30.03%	1.955%
92	15.321	2247	2250	2254	rBV	111110	119745	4.65%	0.302%
93	15.527	2282	2285	2292	rVB	284392	392562	15.23%	0.991%
94	15.598	2292	2297	2300	rVV	486323	597118	23.16%	1.508%
95	15.662	2304	2308	2311	rVV	306481	402030	15.60%	1.015%
96	15.698	2311	2314	2319	rVB2	132315	183772	7.13%	0.464%
97	16.615	2466	2470	2479	rVB6	45792	107705	4.18%	0.272%
98	17.227	2568	2574	2584	rVB2	190694	400407	15.53%	1.011%
99	17.709	2650	2656	2665	rVB2	125578	282481	10.96%	0.713%
100	17.962	2695	2699	2710	rVB3	49477	124621	4.83%	0.315%

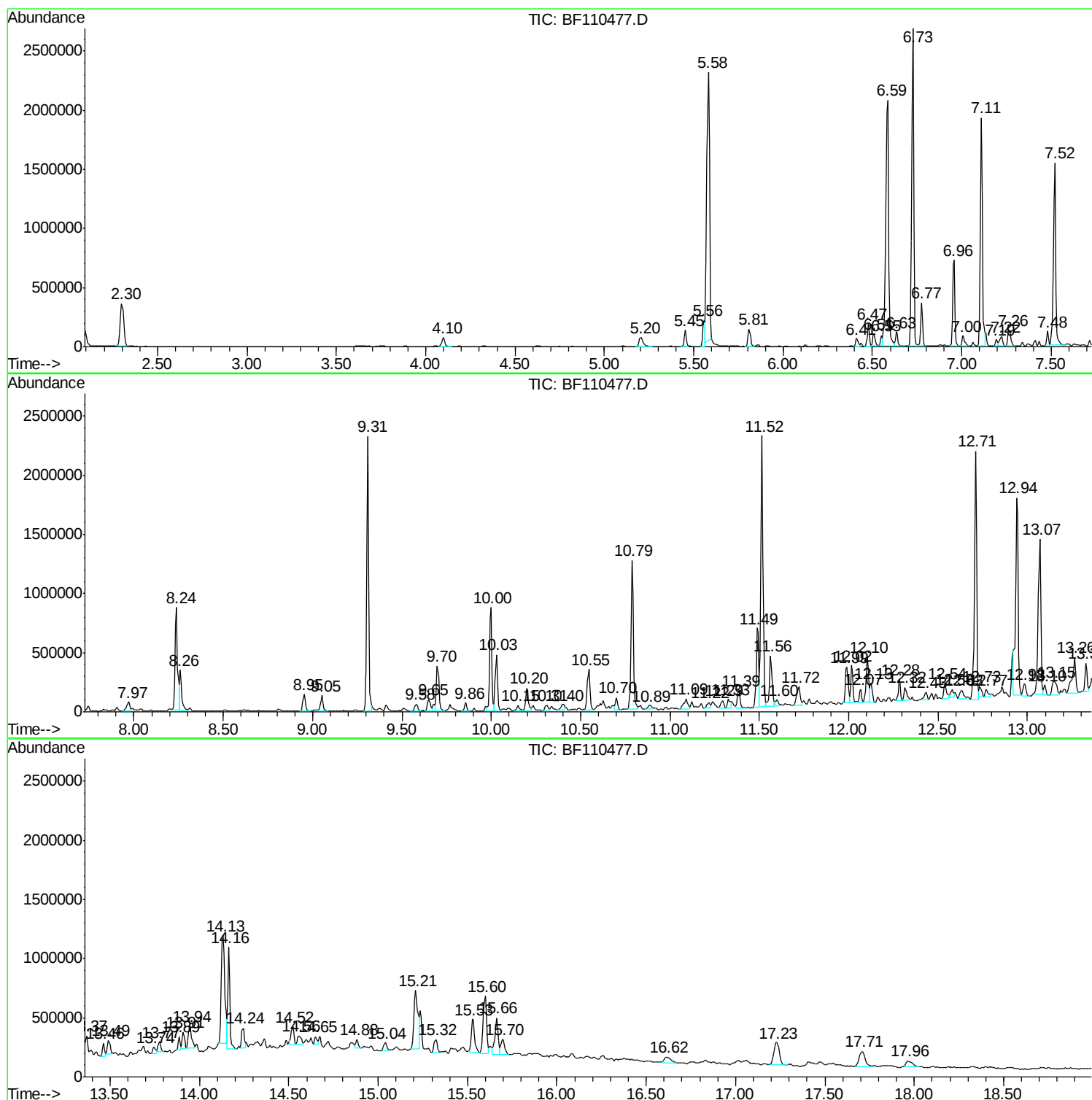
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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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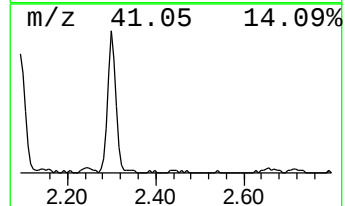
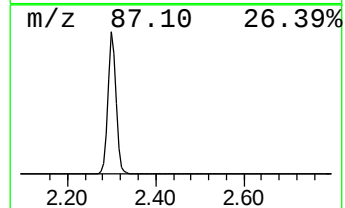
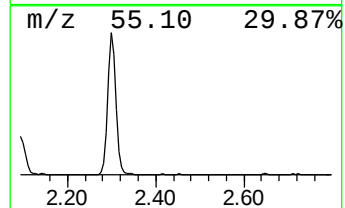
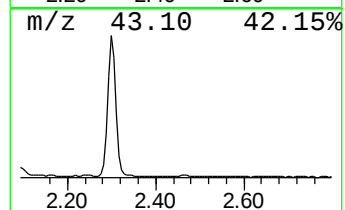
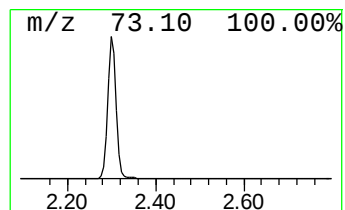
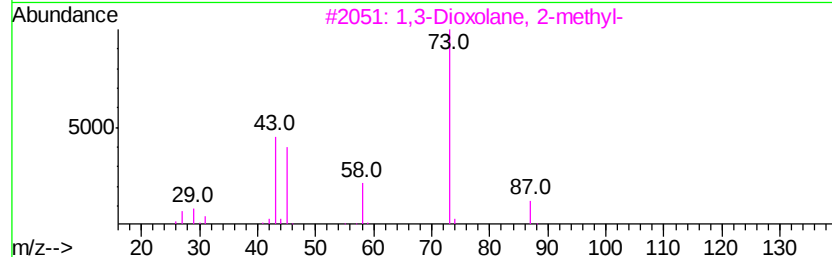
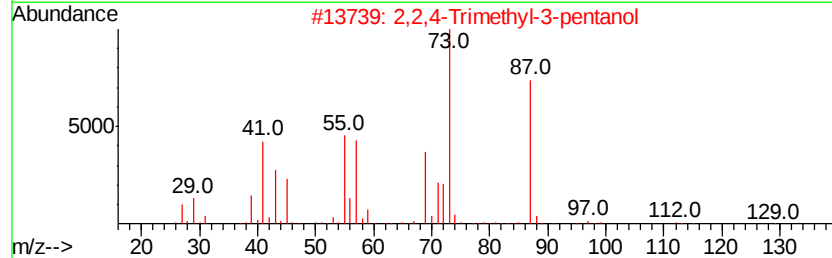
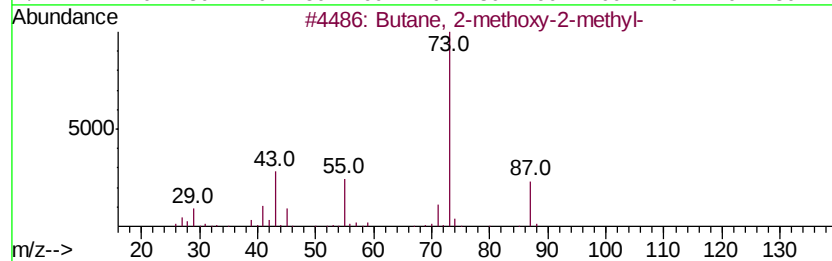
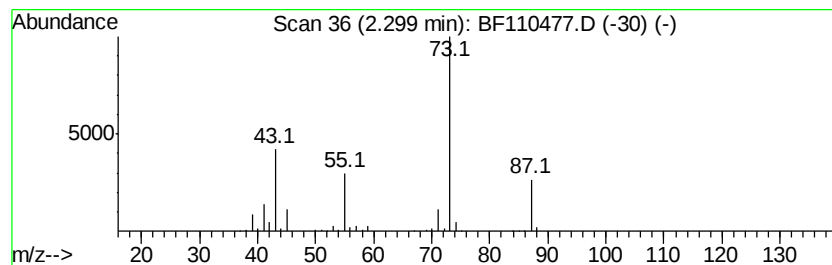
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	13.42 ng	457383	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12



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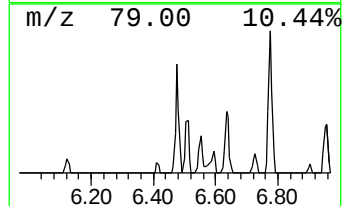
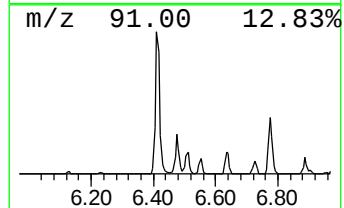
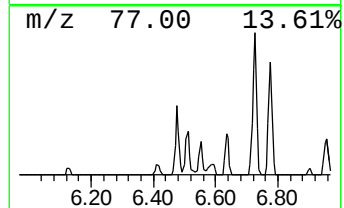
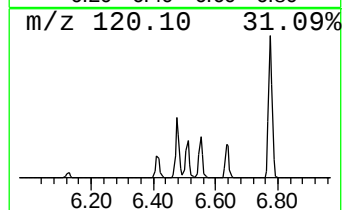
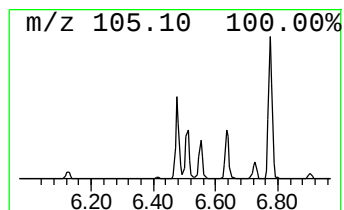
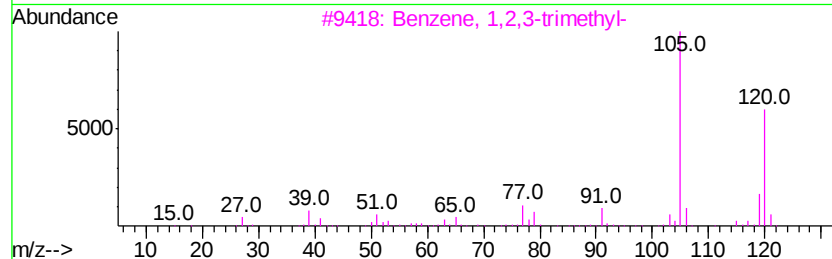
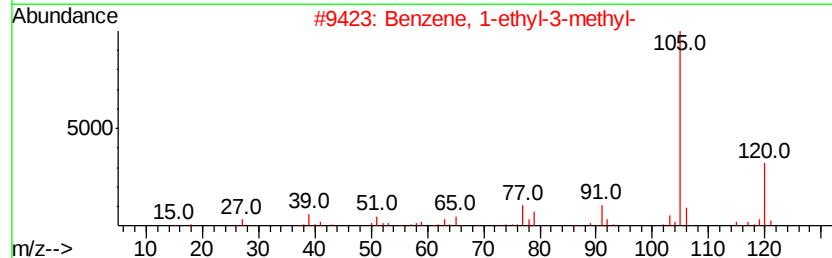
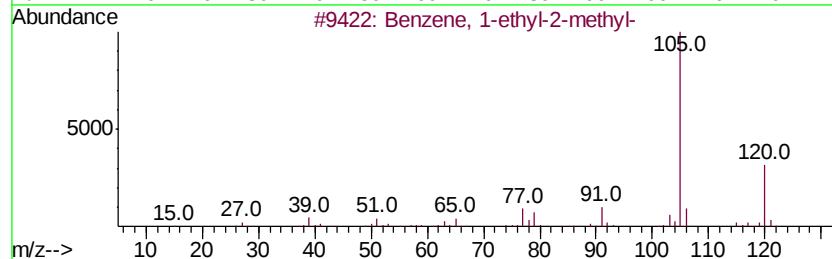
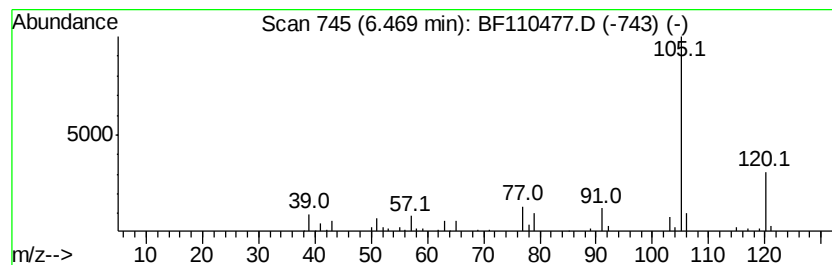
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	4.67 ng	159380	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



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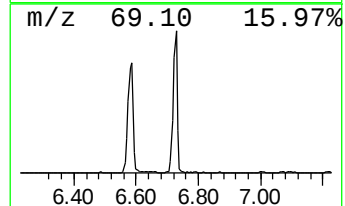
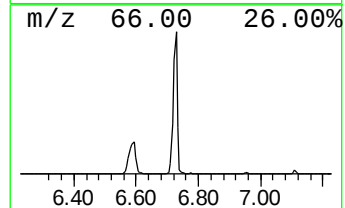
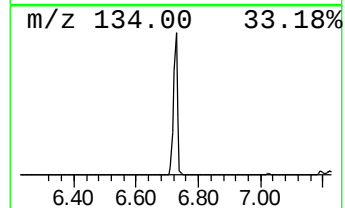
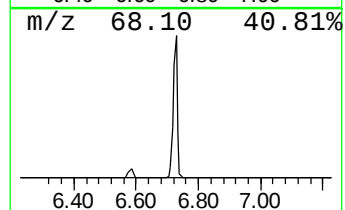
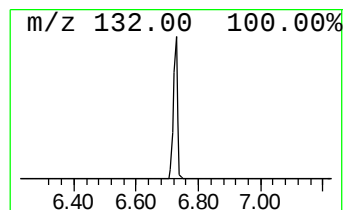
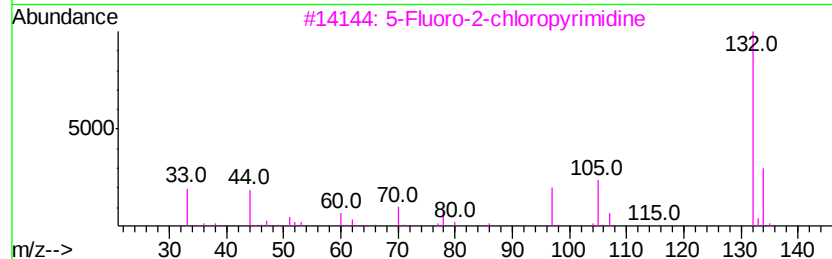
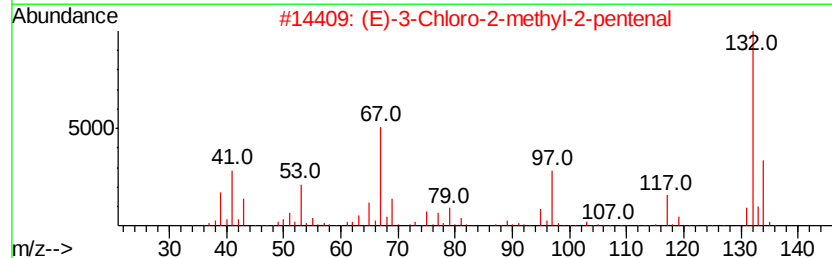
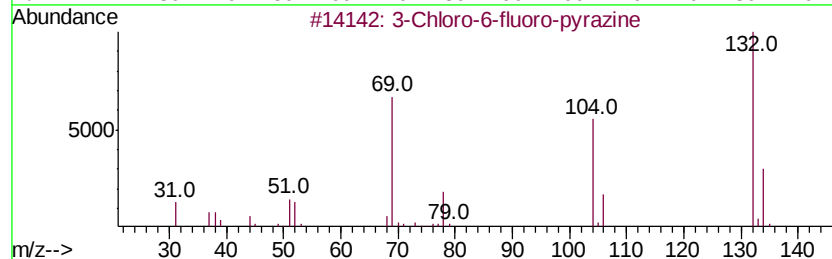
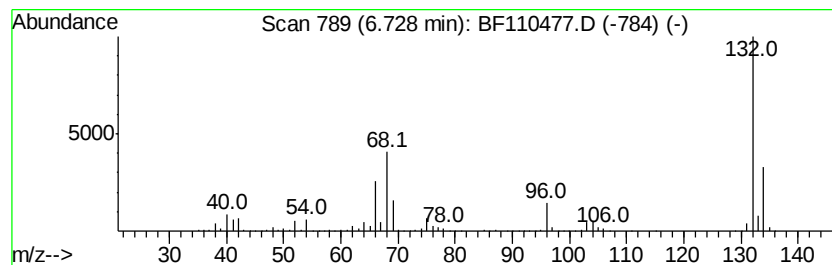
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	71.63 ng	2442110	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
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Acq On : 5 Nov 2018 20:45
Operator : JU/SJ
Sample : J5764-11
Misc :
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Instrument :
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ClientSampleId :
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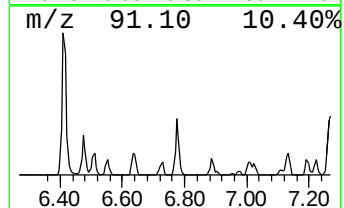
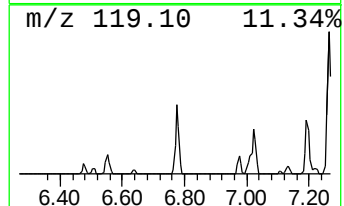
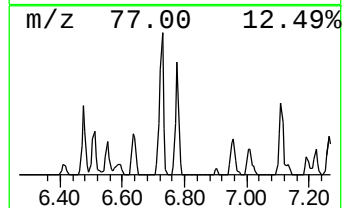
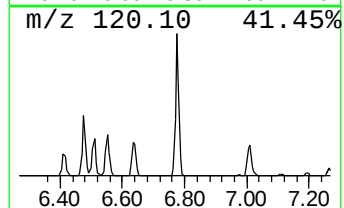
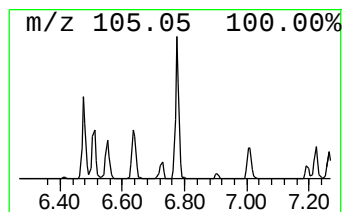
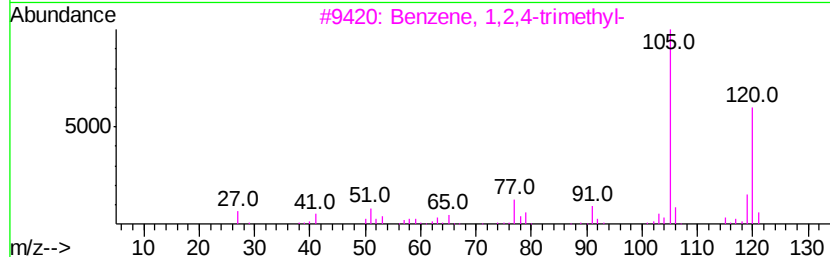
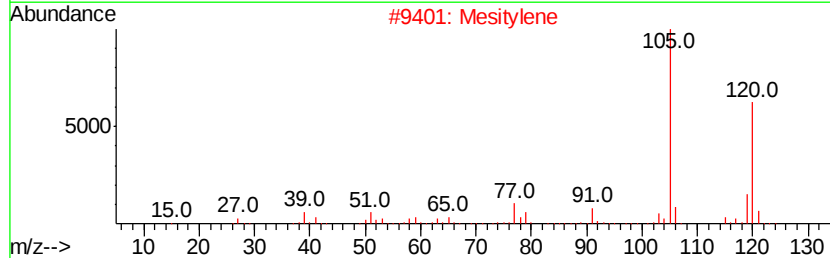
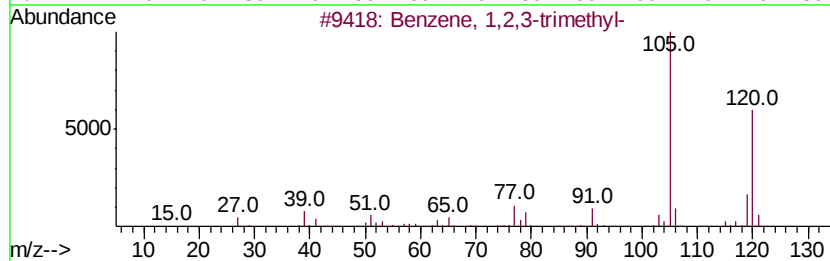
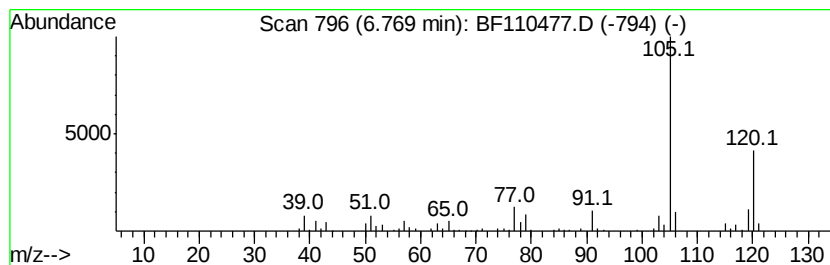
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	8.62 ng	293859	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Mesitylene	120	C9H12	000108-67-8	94
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110477.D
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ClientSampleId :
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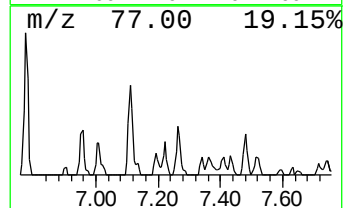
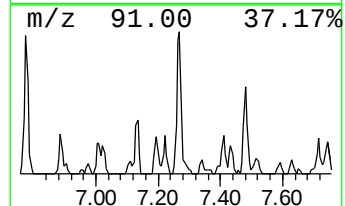
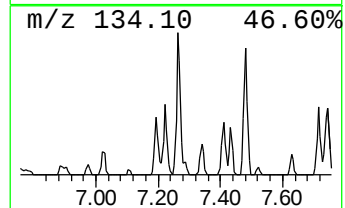
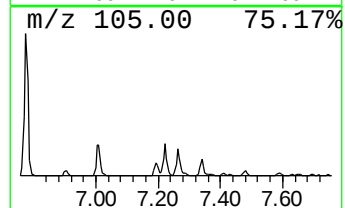
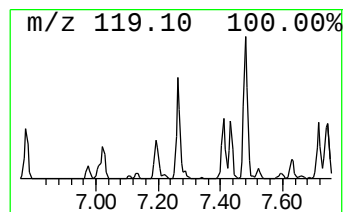
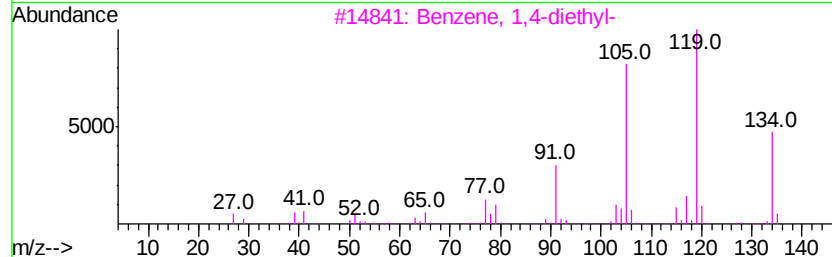
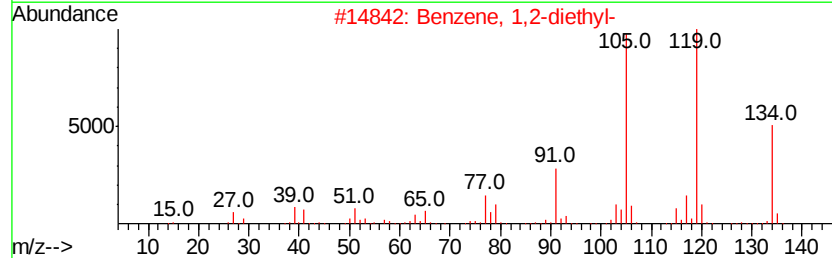
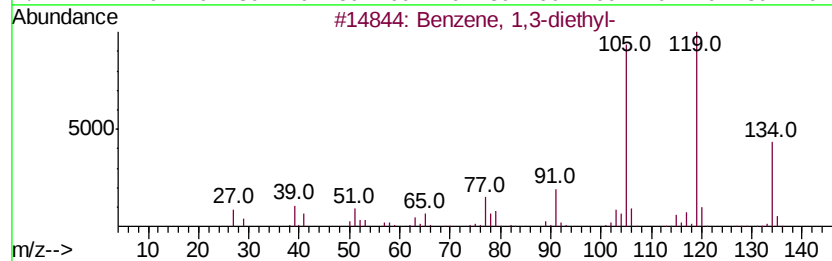
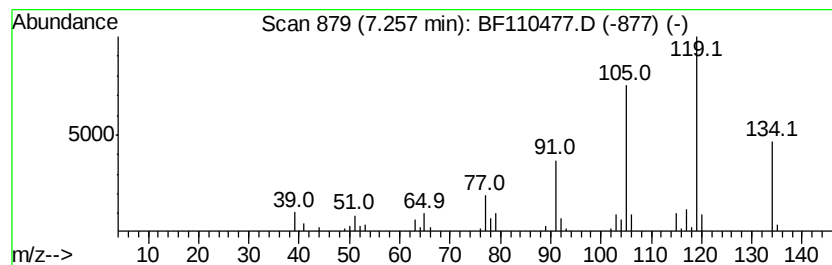
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	4.18 ng	142563	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
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Operator : JU/SJ
Sample : J5764-11
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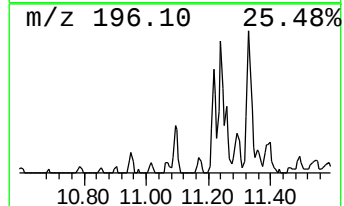
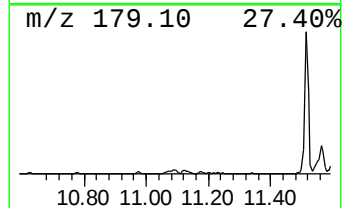
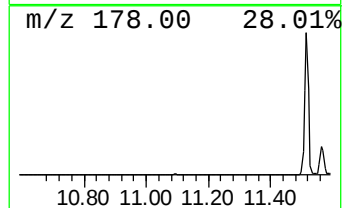
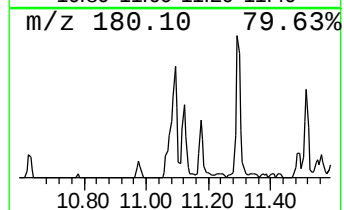
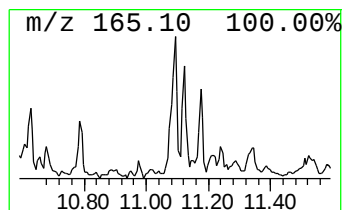
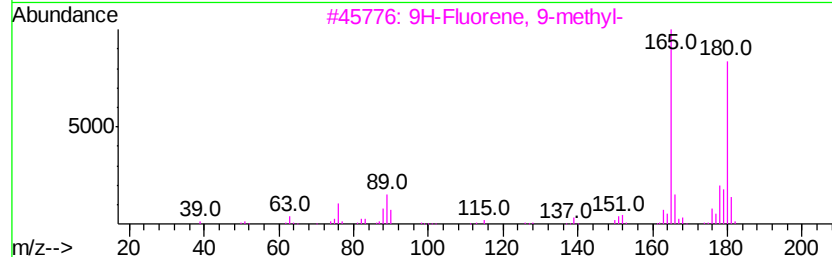
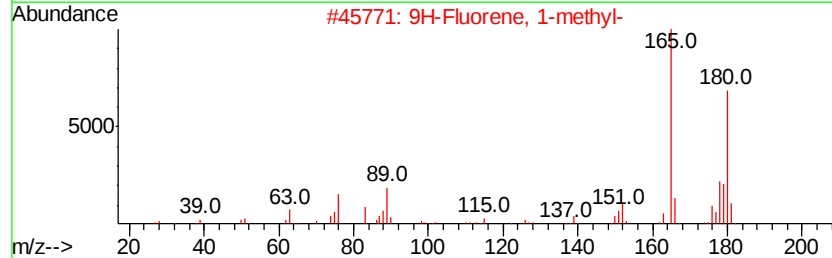
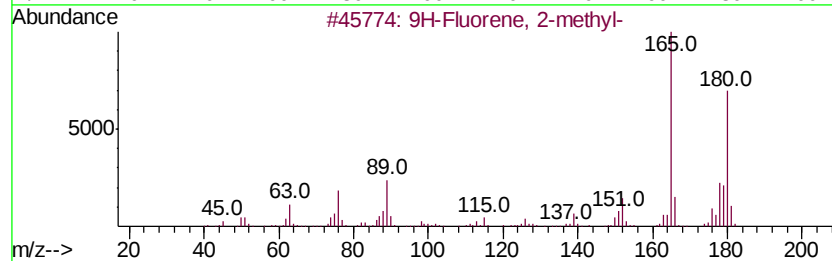
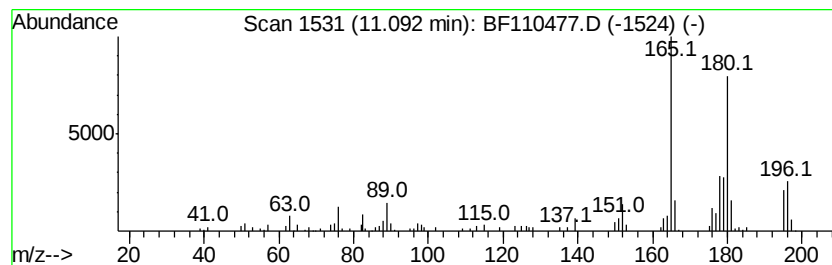
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.09	4.15 ng	134572	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	92
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
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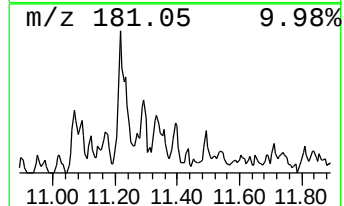
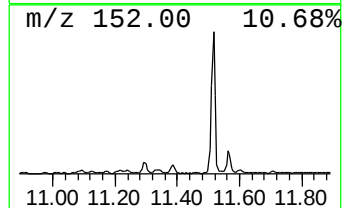
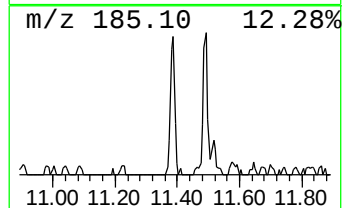
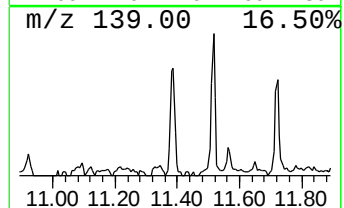
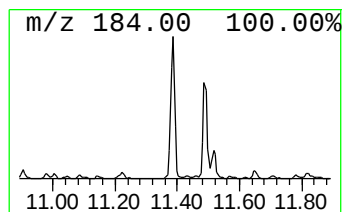
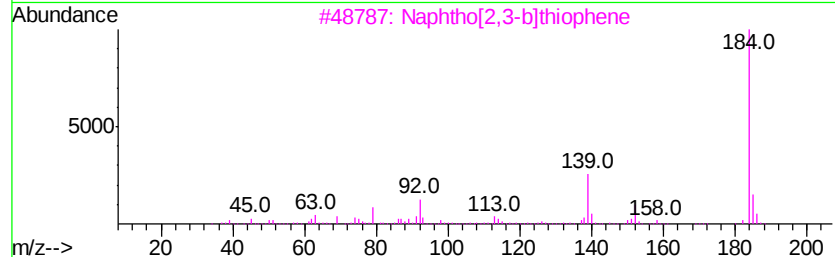
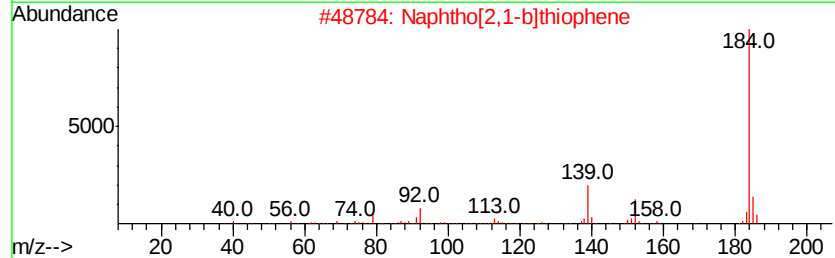
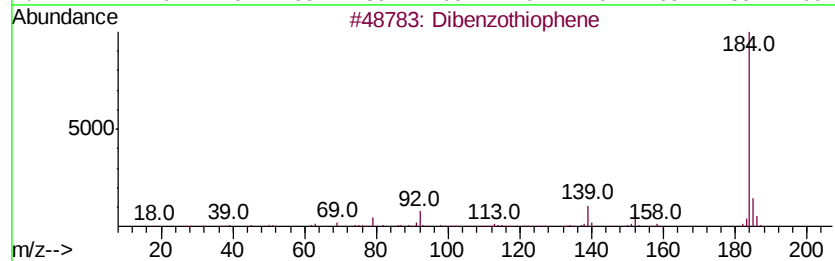
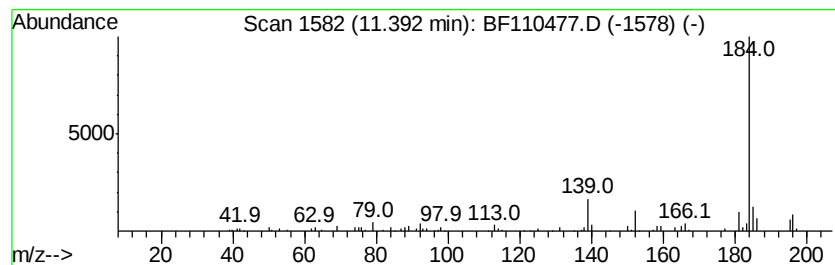
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	4.19 ng	135894	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	95
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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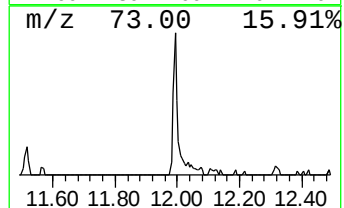
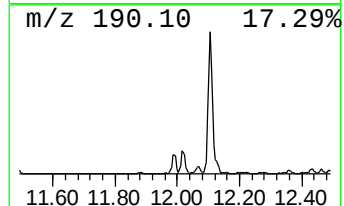
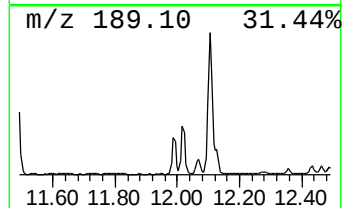
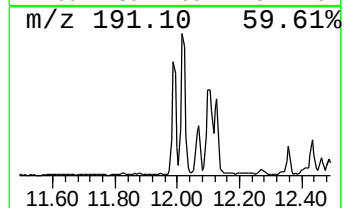
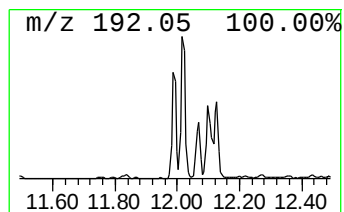
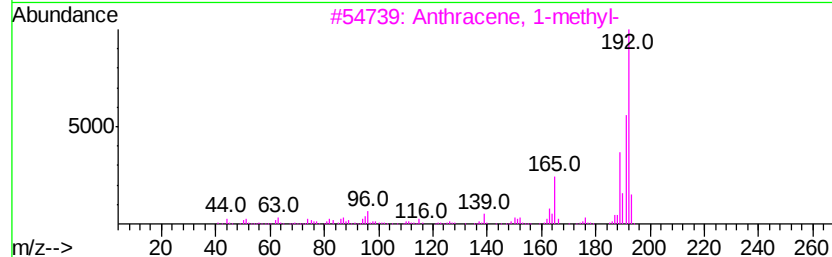
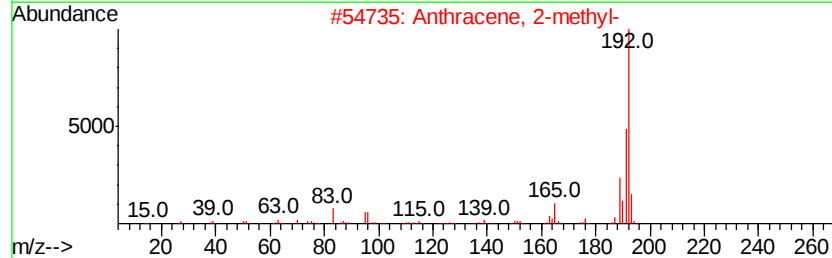
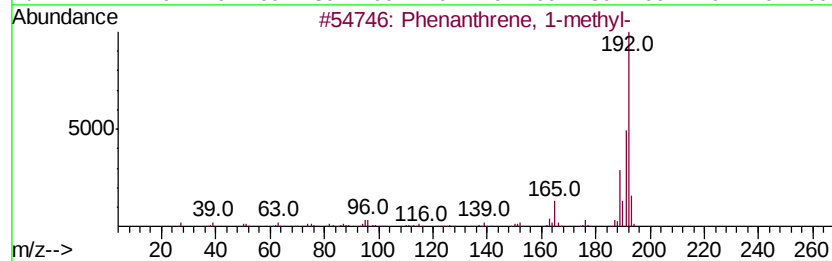
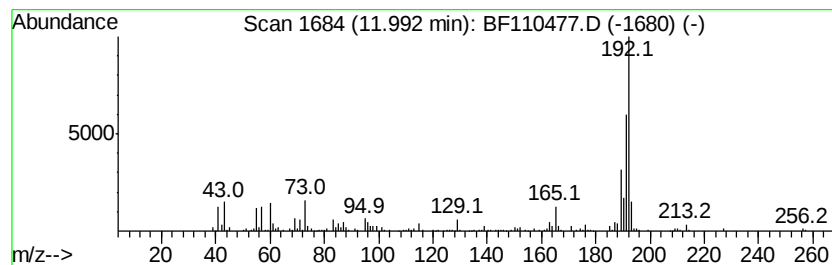
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.99	9.33 ng	302372	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
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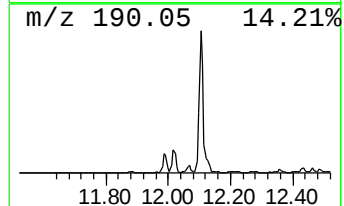
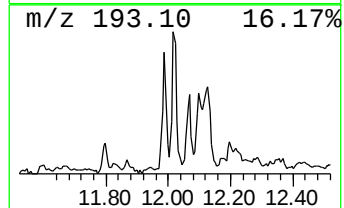
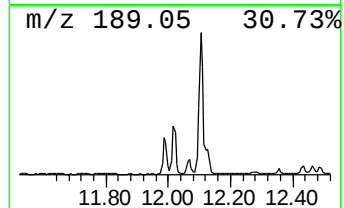
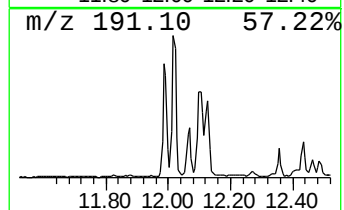
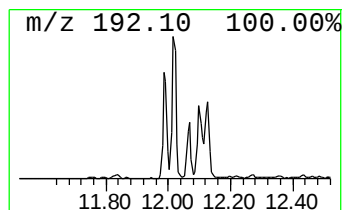
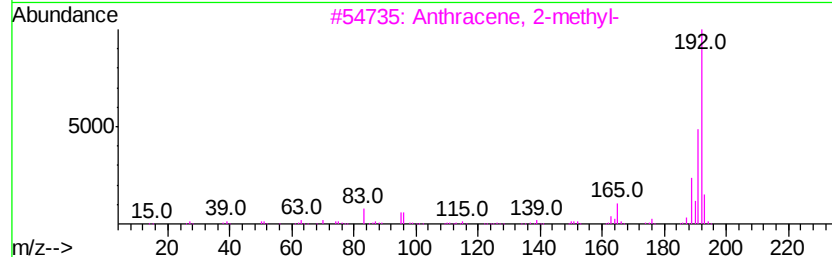
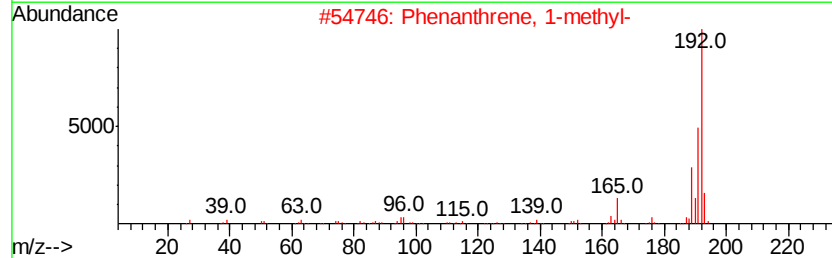
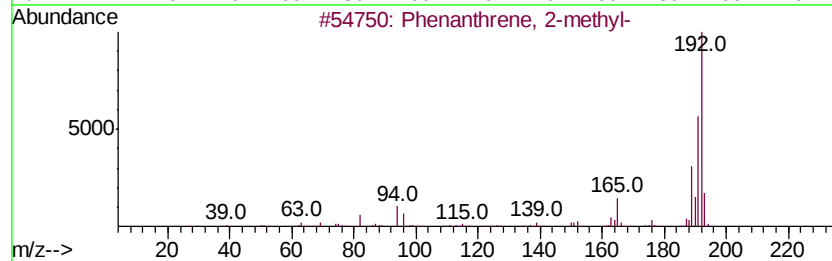
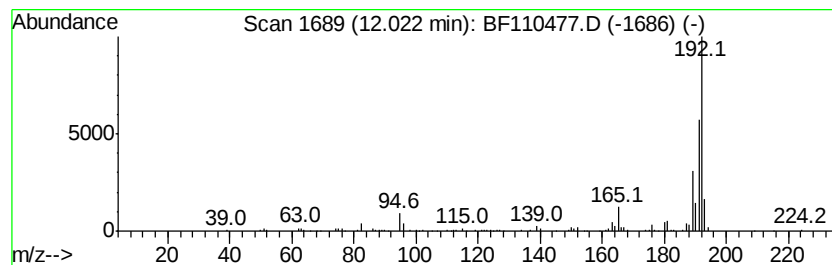
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	8.61 ng	278985	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
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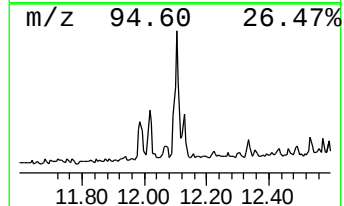
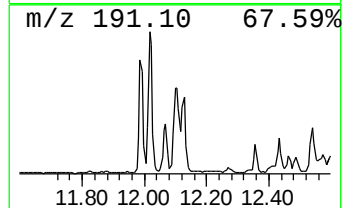
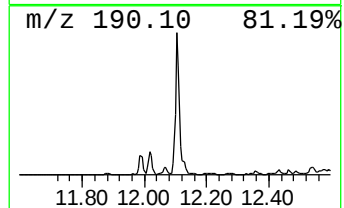
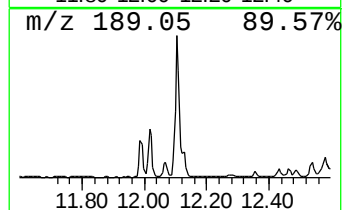
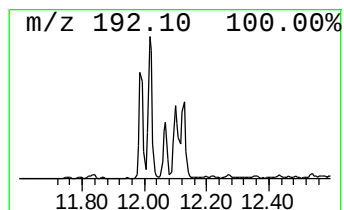
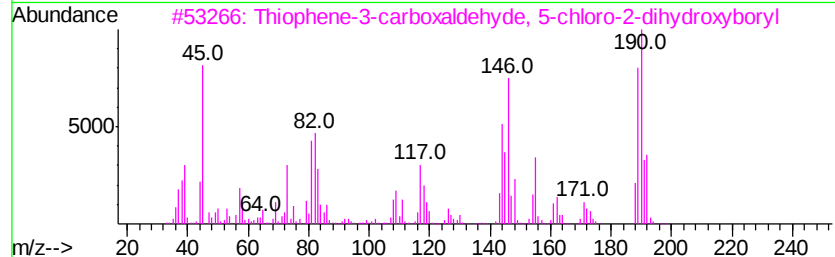
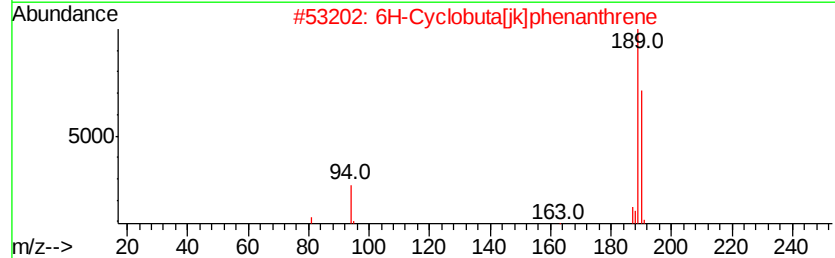
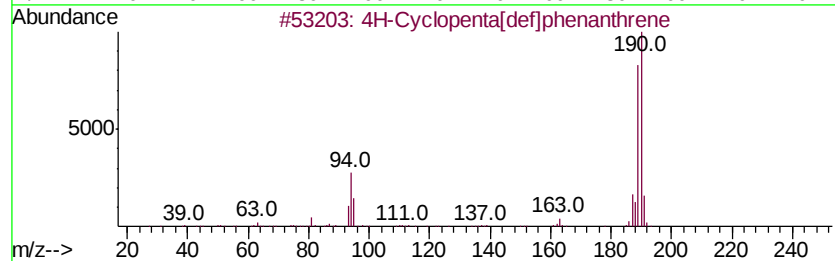
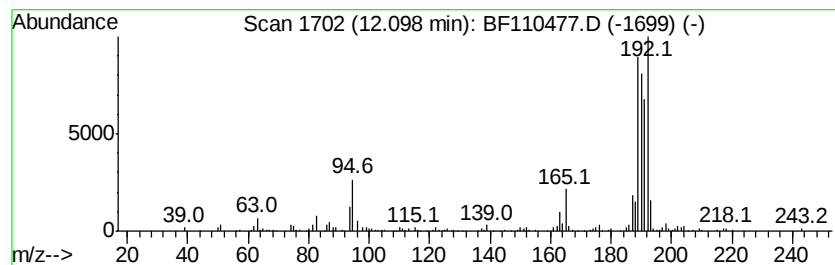
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ClientSampleId :
JC-03-110218-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.10	12.19 ng	395133	Phenanthrene-d10	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5		2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110477.D
Acq On : 5 Nov 2018 20:45
Operator : JU/SJ
Sample : J5764-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

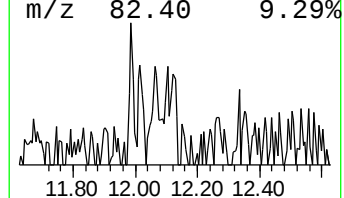
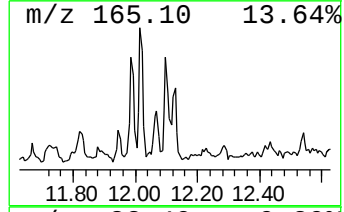
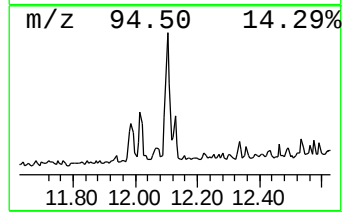
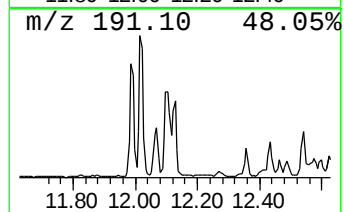
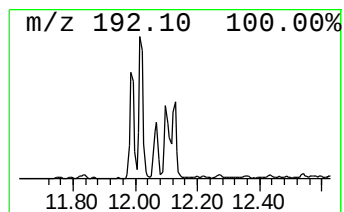
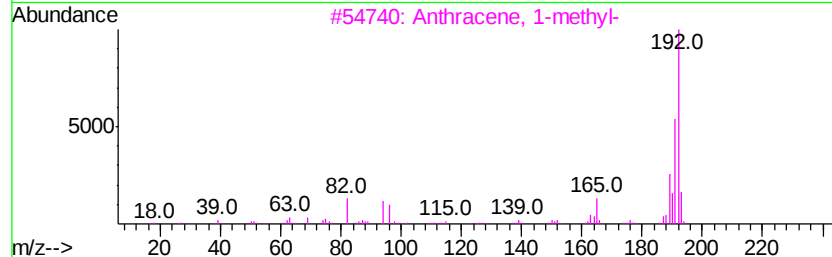
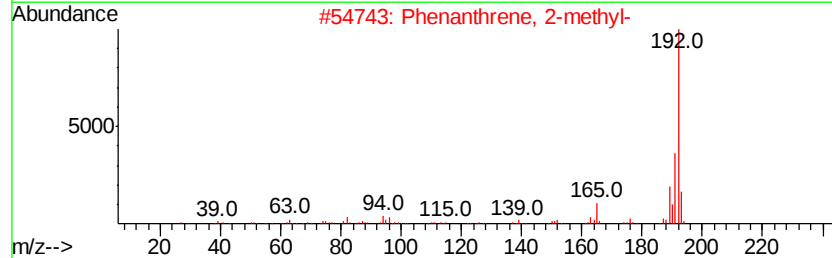
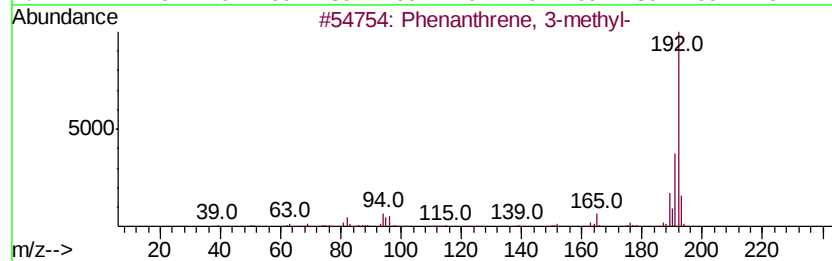
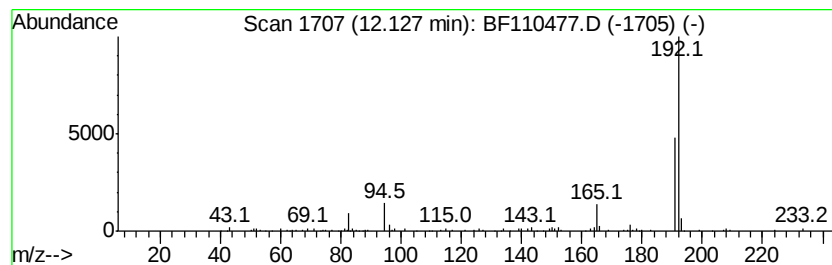
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.13	4.24 ng	137301	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110477.D
Acq On : 5 Nov 2018 20:45
Operator : JU/SJ
Sample : J5764-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-110218-F

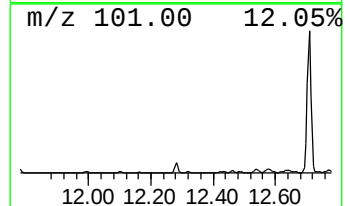
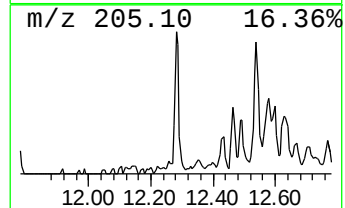
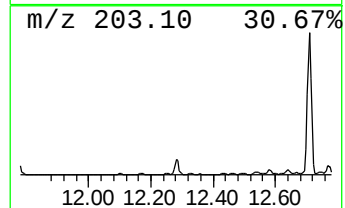
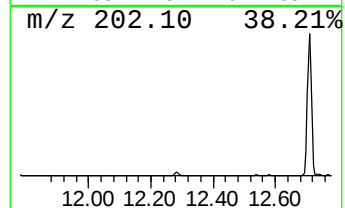
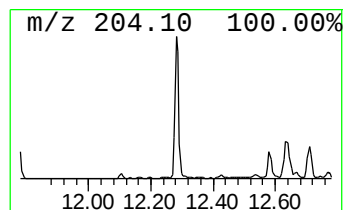
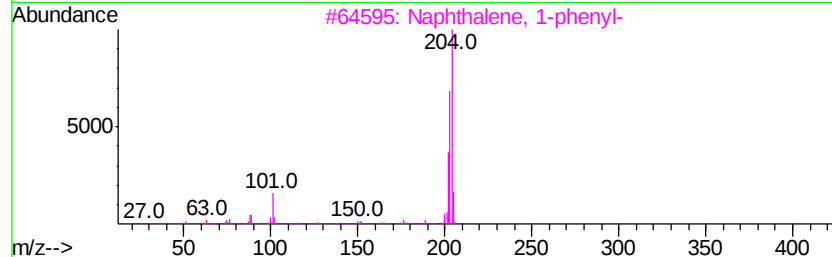
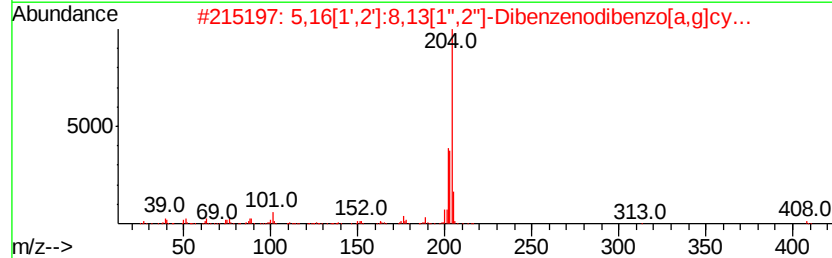
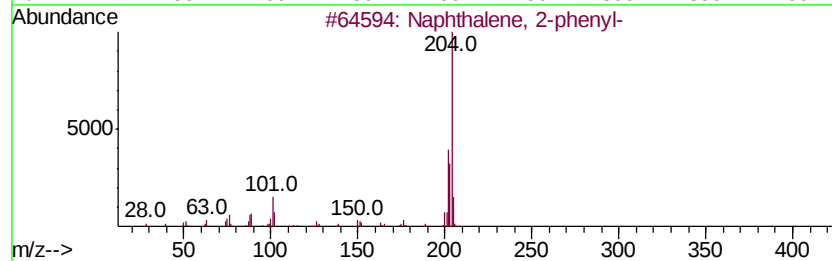
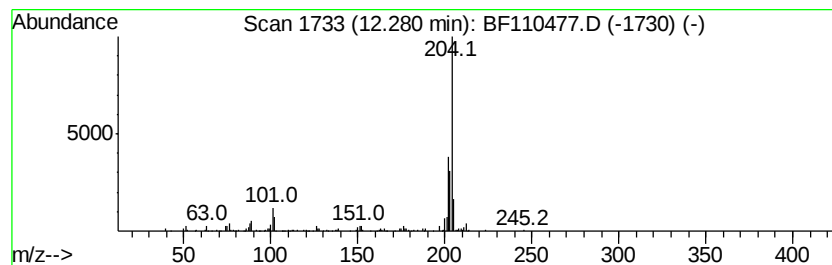
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	4.61 ng	149438	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110477.D
Acq On : 5 Nov 2018 20:45
Operator : JU/SJ
Sample : J5764-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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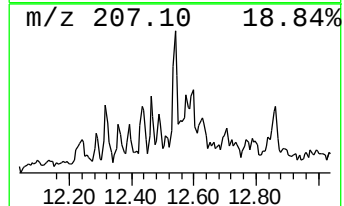
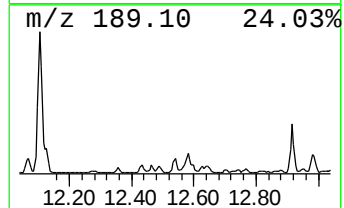
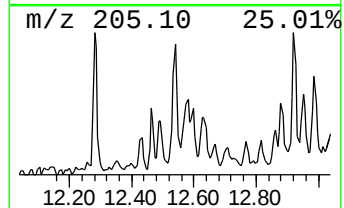
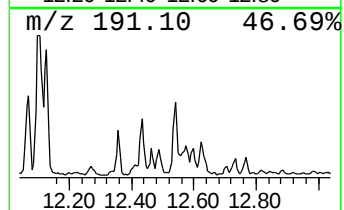
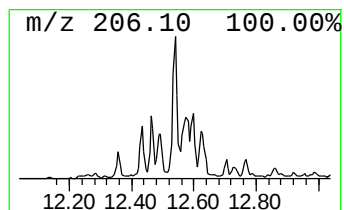
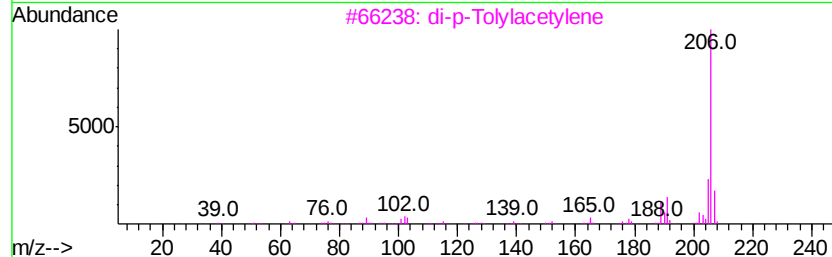
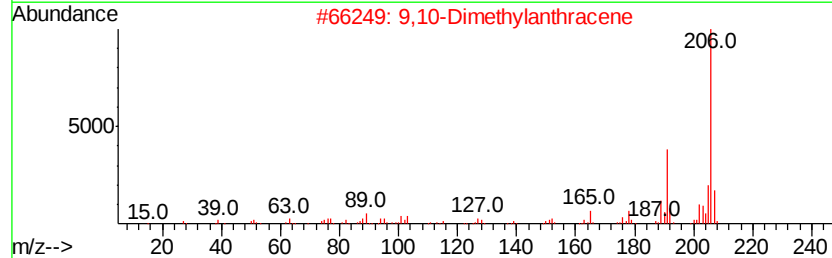
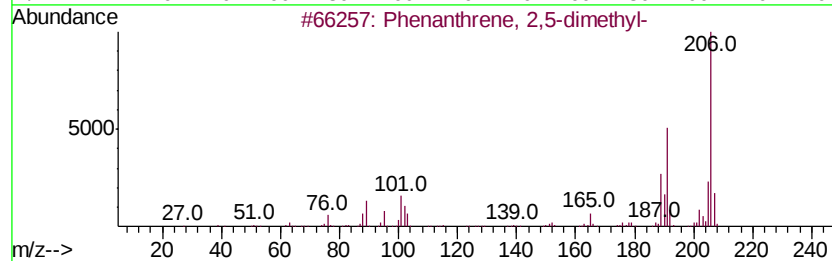
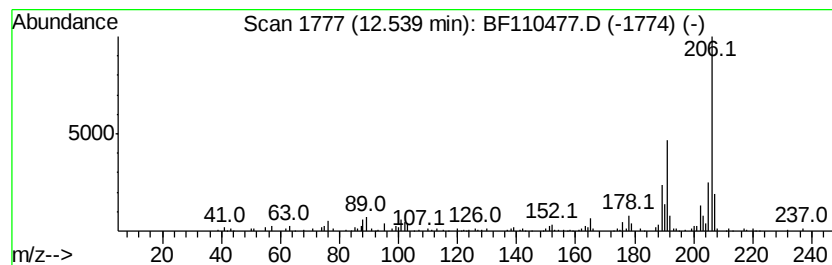
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	4.72 ng	152921	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110477.D
Acq On : 5 Nov 2018 20:45
Operator : JU/SJ
Sample : J5764-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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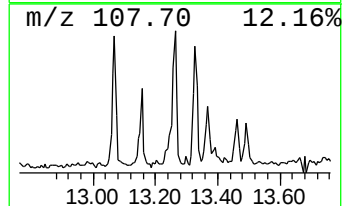
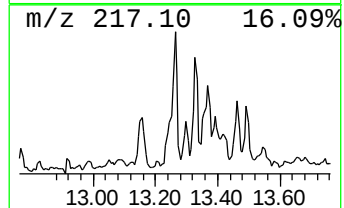
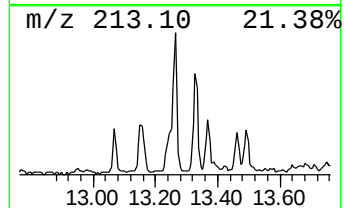
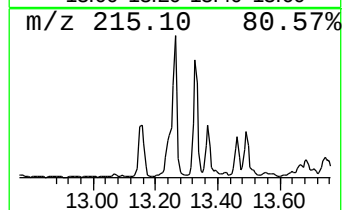
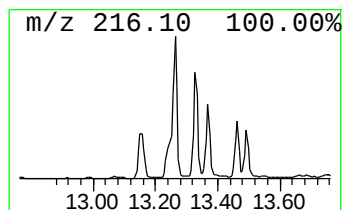
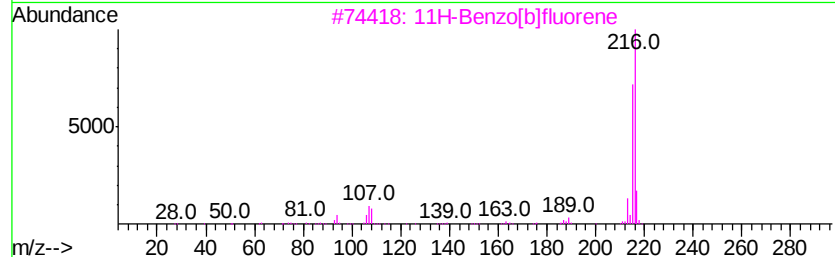
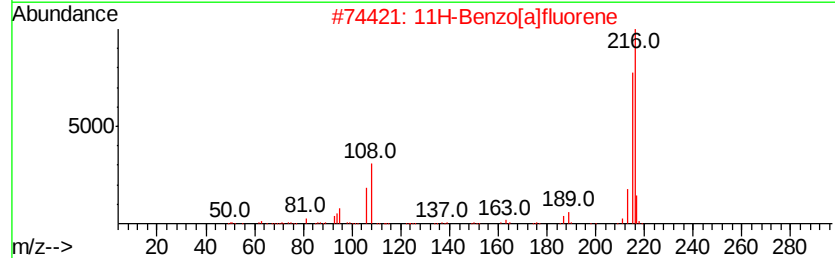
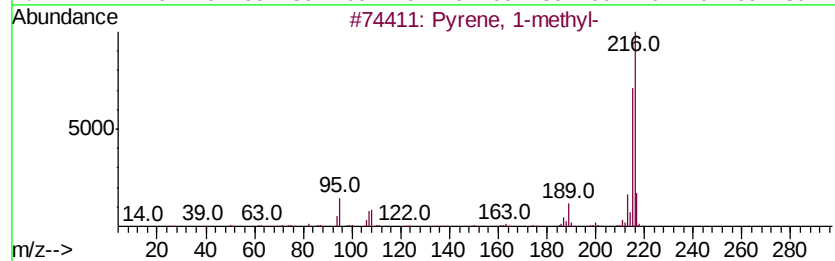
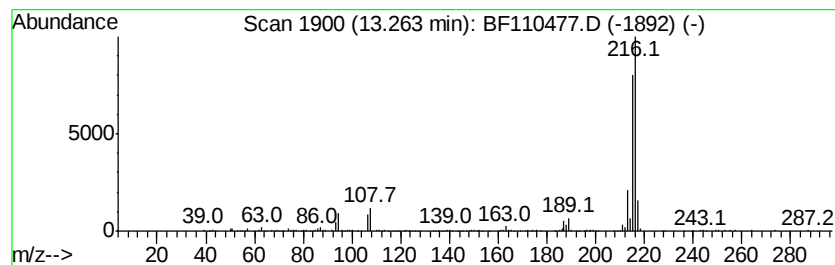
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	6.19 ng	422640	Chrysene-d12	14.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110477.D
Acq On : 5 Nov 2018 20:45
Operator : JU/SJ
Sample : J5764-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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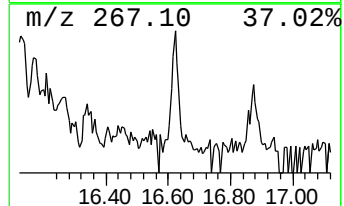
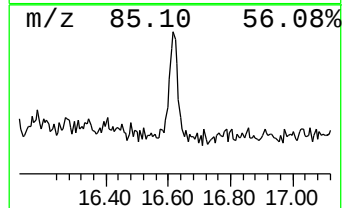
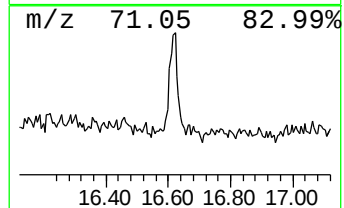
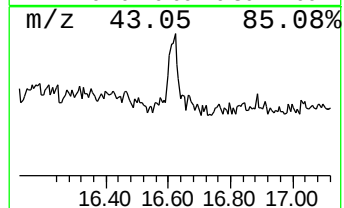
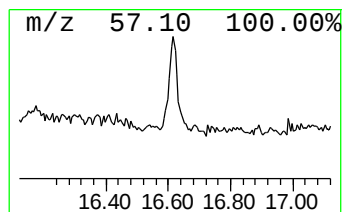
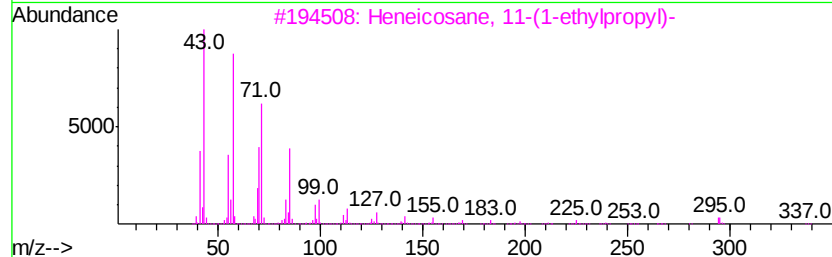
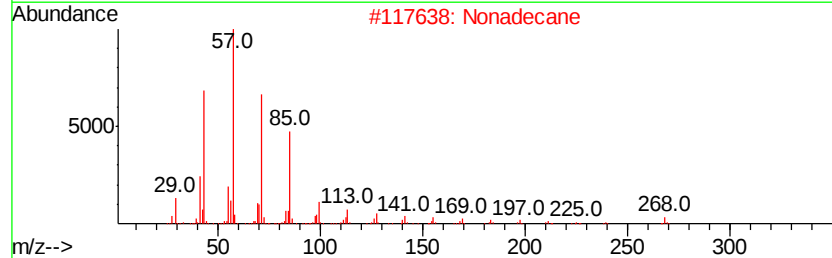
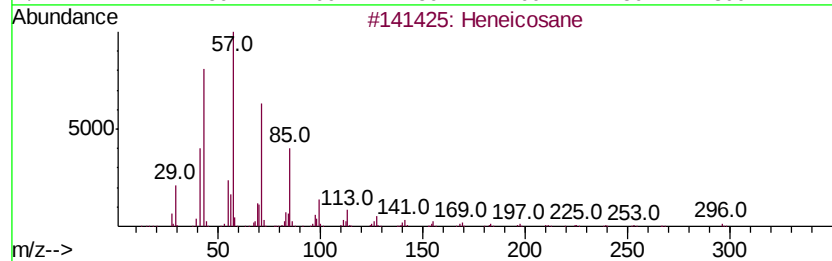
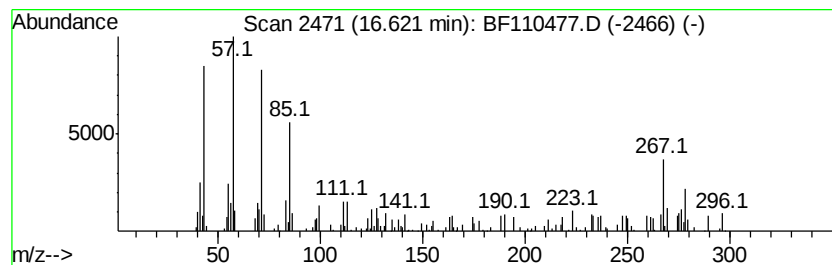
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	5.36 ng	107705	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Nonadecane	268	C19H40	000629-92-5	70
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	49
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	47
5		Heptadecane	240	C17H36	000629-78-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
 Data File : BF110477.D
 Acq On : 5 Nov 2018 20:45
 Operator : JU/SJ
 Sample : J5764-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-methoxy...	2.30	13.4	ng	457383	1	6.96	681897	20.0
Benzene, 1-ethyl-...	6.47	4.7	ng	159380	1	6.96	681897	20.0
unknown6.73	6.73	71.6	ng	2442110	1	6.96	681897	20.0
Benzene, 1,2,3-tr...	6.77	8.6	ng	293859	1	6.96	681897	20.0
Benzene, 1,3-diet...	7.26	4.2	ng	142563	1	6.96	681897	20.0
9H-Fluorene, 2-me...	11.09	4.2	ng	134572	4	11.49	648150	20.0
Dibenzothiophene	11.39	4.2	ng	135894	4	11.49	648150	20.0
Phenanthrene, 1-m...	11.99	9.3	ng	302372	4	11.49	648150	20.0
Phenanthrene, 2-m...	12.02	8.6	ng	278985	4	11.49	648150	20.0
4H-Cyclopenta[def...	12.10	12.2	ng	395133	4	11.49	648150	20.0
Phenanthrene, 3-m...	12.13	4.2	ng	137301	4	11.49	648150	20.0
Naphthalene, 2-ph...	12.28	4.6	ng	149438	4	11.49	648150	20.0
Phenanthrene, 2,5...	12.54	4.7	ng	152921	4	11.49	648150	20.0
Pyrene, 1-methyl-	13.26	6.2	ng	422640	5	14.14	1364970	20.0
Heneicosane	16.62	5.4	ng	107705	6	15.66	402030	20.0