

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021218\
 Data File : BF102917.D
 Acq On : 12 Feb 2018 13:45
 Operator : SJ/JU
 Sample : J1525-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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	2.163	8	13	27	rVB	604408	831132	23.06%	1.539%
2	5.110	511	514	521	rVB	117417	137216	3.81%	0.254%
3	5.504	577	581	595	rVB	3663501	3604559	100.00%	6.673%
4	5.722	616	618	624	rBV2	54785	64708	1.80%	0.120%
5	6.510	748	752	764	rVB	3164023	3432322	95.22%	6.354%
6	6.657	772	777	780	rBV	3577448	3495458	96.97%	6.471%
7	6.716	783	787	791	rVV3	77458	93973	2.61%	0.174%
8	6.881	812	815	819	rBV	1341072	1228907	34.09%	2.275%
9	7.039	838	842	846	rBV	3063337	2709415	75.17%	5.016%
10	7.145	856	860	864	rBV	82101	88117	2.44%	0.163%
11	7.445	906	911	914	rBV	2538481	2320636	64.38%	4.296%
12	7.739	958	961	966	rVB	55032	51226	1.42%	0.095%
13	8.169	1030	1034	1036	rBV	1772960	1560612	43.30%	2.889%
14	8.186	1036	1037	1040	rVB	166306	104131	2.89%	0.193%
15	8.439	1077	1080	1087	rVB	47739	50644	1.40%	0.094%
16	8.875	1151	1154	1159	rVB2	109941	109735	3.04%	0.203%
17	8.980	1168	1172	1174	rBV	70305	69322	1.92%	0.128%
18	9.239	1211	1216	1226	rBV	3307876	3023195	83.87%	5.597%
19	9.316	1226	1229	1231	rVV	100049	75461	2.09%	0.140%
20	9.510	1258	1262	1265	rBV3	41049	48649	1.35%	0.090%
21	9.575	1270	1273	1276	rBV2	72902	80012	2.22%	0.148%
22	9.633	1280	1283	1290	rVB	369392	395773	10.98%	0.733%
23	9.698	1290	1294	1296	rBV	48054	50283	1.39%	0.093%
24	9.786	1305	1309	1312	rBV	200278	192872	5.35%	0.357%
25	9.845	1314	1319	1322	rBV	217228	183755	5.10%	0.340%
26	9.922	1323	1332	1336	rBV	1643021	1636480	45.40%	3.029%
27	9.957	1336	1338	1341	rVB	190059	154382	4.28%	0.286%
28	10.080	1354	1359	1361	rBV3	51175	71350	1.98%	0.132%
29	10.127	1364	1367	1370	rVV2	122854	130759	3.63%	0.242%
30	10.163	1370	1373	1378	rVB2	76474	75368	2.09%	0.140%
31	10.233	1382	1385	1388	rBV2	40888	45648	1.27%	0.085%
32	10.345	1397	1404	1407	rBV	306334	288931	8.02%	0.535%
33	10.375	1407	1409	1412	rBV	47110	43447	1.21%	0.080%
34	10.469	1422	1425	1431	rVB	198901	188427	5.23%	0.349%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.563	1438	1441	1444	rBV2	86034	108345	3.01%	0.201%
36	10.633	1449	1453	1459	rVB3	92277	136397	3.78%	0.252%
37	10.710	1463	1466	1472	rVB	1744336	1711916	47.49%	3.169%
38	10.816	1481	1484	1491	rBV	217458	339796	9.43%	0.629%
39	11.016	1514	1518	1521	rBV4	59608	73524	2.04%	0.136%
40	11.145	1537	1540	1542	rBV3	41571	42202	1.17%	0.078%
41	11.169	1542	1544	1548	rVV4	53674	55131	1.53%	0.102%
42	11.216	1549	1552	1555	rVB	96815	83842	2.33%	0.155%
43	11.269	1557	1561	1563	rVV2	158573	163291	4.53%	0.302%
44	11.304	1563	1567	1572	rVB2	100811	149993	4.16%	0.278%
45	11.410	1582	1585	1587	rBV	1331242	1228995	34.10%	2.275%
46	11.433	1587	1589	1593	rVV	1362503	1267451	35.16%	2.346%
47	11.486	1595	1598	1601	rVB	510550	398389	11.05%	0.737%
48	11.639	1618	1624	1630	rBV	160795	249620	6.93%	0.462%
49	11.692	1630	1633	1639	rVV2	86490	140050	3.89%	0.259%
50	11.739	1639	1641	1646	rVB3	52534	61348	1.70%	0.114%
51	11.916	1667	1671	1672	rBV	204841	205930	5.71%	0.381%
52	11.939	1672	1675	1679	rVB2	304198	367109	10.18%	0.680%
53	11.986	1681	1683	1686	rVB	121440	98601	2.74%	0.183%
54	12.027	1686	1690	1692	rBV2	335048	363935	10.10%	0.674%
55	12.098	1699	1702	1708	rBV2	73122	83877	2.33%	0.155%
56	12.204	1718	1720	1723	rVV	114502	97138	2.69%	0.180%
57	12.233	1723	1725	1728	rVB2	105723	79690	2.21%	0.148%
58	12.386	1749	1751	1753	rVV2	67507	44609	1.24%	0.083%
59	12.410	1753	1755	1758	rVB2	50335	44181	1.23%	0.082%
60	12.463	1760	1764	1767	rBV	145961	183797	5.10%	0.340%
61	12.492	1767	1769	1772	rVV3	96481	123344	3.42%	0.228%
62	12.551	1776	1779	1784	rBV2	113389	127384	3.53%	0.236%
63	12.627	1788	1792	1796	rVV	2030579	1774739	49.24%	3.285%
64	12.721	1805	1808	1810	rVB	93399	89625	2.49%	0.166%
65	12.780	1816	1818	1820	rVB	54185	38189	1.06%	0.071%
66	12.857	1825	1831	1837	rBV	1770529	2103073	58.34%	3.893%
67	12.904	1837	1839	1843	rVB2	114076	124180	3.45%	0.230%
68	12.998	1851	1855	1862	rVB	1820117	1864607	51.73%	3.452%
69	13.068	1863	1867	1871	rBV2	157669	263879	7.32%	0.488%
70	13.163	1879	1883	1884	rBV3	144954	191724	5.32%	0.355%
71	13.180	1884	1886	1890	rVV2	285581	280884	7.79%	0.520%

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Integration Parameters: rteint.p
 Integrator: RTE
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72	13.216	1890	1892	1895	rVV3	68863	61470	1.71%	0.114%
73	13.251	1895	1898	1900	rBV	207516	181737	5.04%	0.336%
74	13.286	1901	1904	1907	rVV2	215896	210853	5.85%	0.390%
75	13.380	1917	1920	1922	rBV	143034	115094	3.19%	0.213%
76	13.410	1922	1925	1928	rBV2	134783	132117	3.67%	0.245%
77	13.692	1970	1973	1977	rVB	171866	191353	5.31%	0.354%
78	13.804	1988	1992	1995	rBV3	174417	233207	6.47%	0.432%
79	13.833	1995	1997	1999	rVV	178858	157412	4.37%	0.291%
80	13.857	1999	2001	2002	rVV	167907	148781	4.13%	0.275%
81	13.880	2002	2005	2017	rVB5	468929	715082	19.84%	1.324%
82	14.021	2026	2029	2030	rBV	225239	184104	5.11%	0.341%
83	14.051	2030	2034	2037	rVV2	1482098	2223155	61.68%	4.116%
84	14.080	2037	2039	2044	rVB	1037771	929275	25.78%	1.720%
85	14.163	2050	2053	2055	rBV	140610	115286	3.20%	0.213%
86	14.439	2098	2100	2103	rVB	240766	193571	5.37%	0.358%
87	14.474	2104	2106	2109	rVB	137669	113086	3.14%	0.209%
88	14.515	2110	2113	2119	rBV4	152926	271588	7.53%	0.503%
89	14.562	2119	2121	2123	rVV	147016	134483	3.73%	0.249%
90	14.586	2123	2125	2128	rVB	125618	101983	2.83%	0.189%
91	15.110	2209	2214	2217	rBV	897946	1536350	42.62%	2.844%
92	15.162	2221	2223	2225	rVV	181810	191963	5.33%	0.355%
93	15.215	2229	2232	2235	rVB	181691	197087	5.47%	0.365%
94	15.415	2262	2266	2272	rVB	551598	723620	20.08%	1.340%
95	15.480	2273	2277	2283	rVV	737070	948186	26.31%	1.755%
96	15.545	2284	2288	2291	rVV	702918	922246	25.59%	1.707%
97	15.574	2291	2293	2299	rVB2	234463	295411	8.20%	0.547%
98	15.762	2321	2325	2331	rVB4	188552	306965	8.52%	0.568%
99	17.045	2539	2543	2552	rVB2	287960	577149	16.01%	1.068%
100	17.503	2616	2621	2634	rVB	234773	508744	14.11%	0.942%

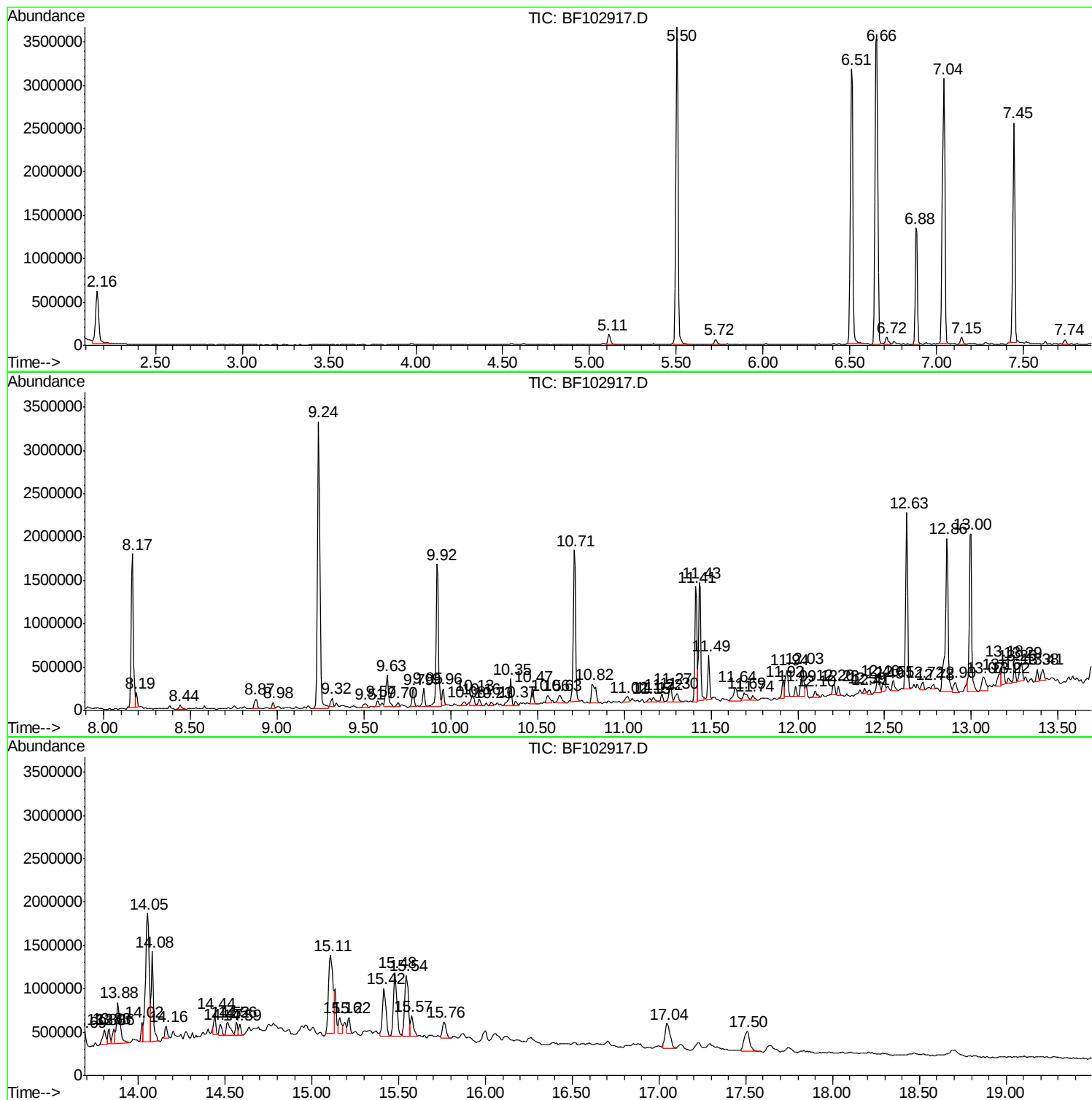
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Sample : J1525-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SAMPLE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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Instrument :
BNA_F
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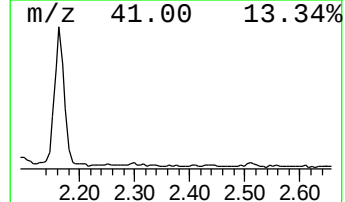
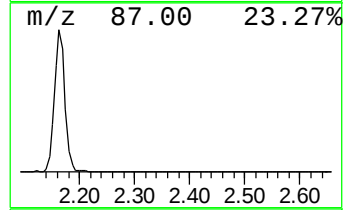
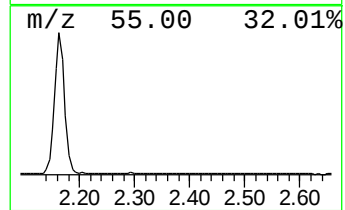
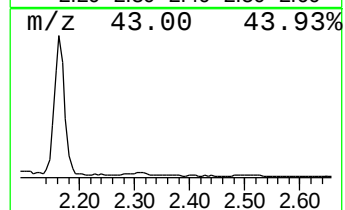
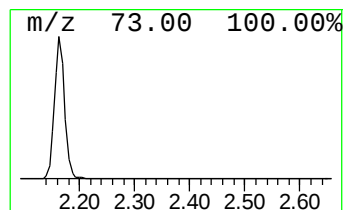
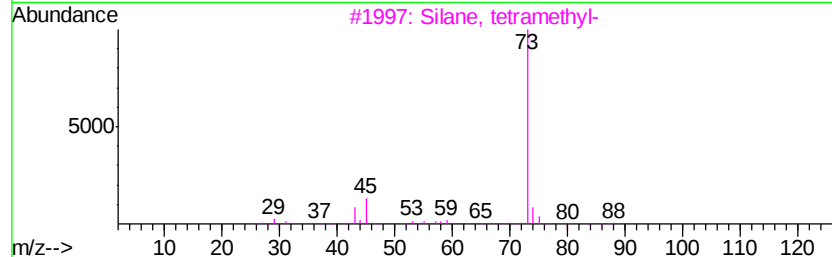
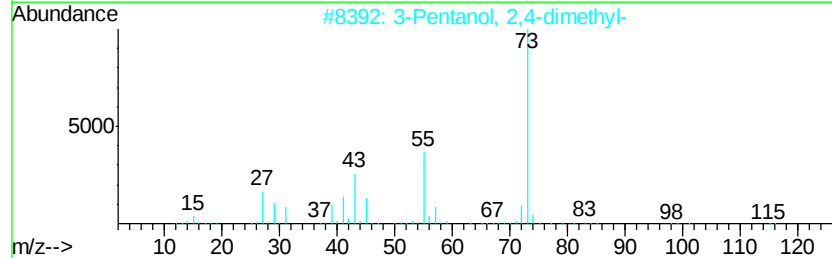
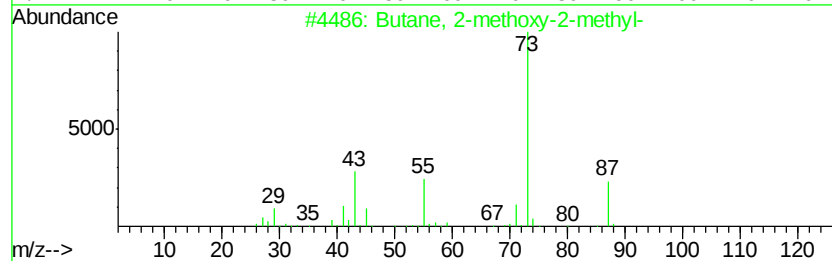
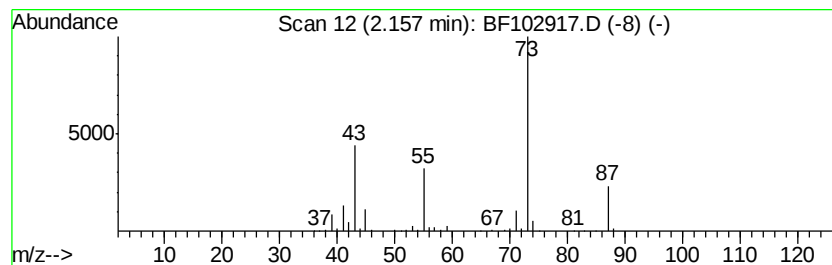
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.16	13.53 ng	831132	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23



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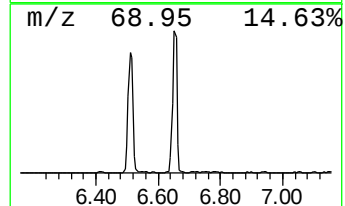
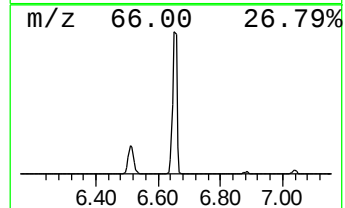
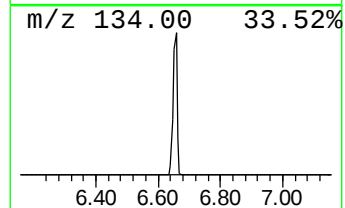
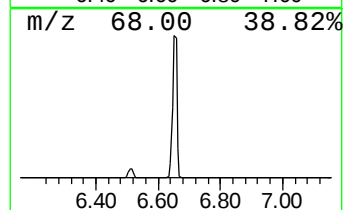
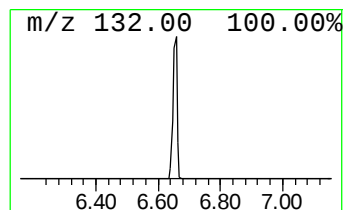
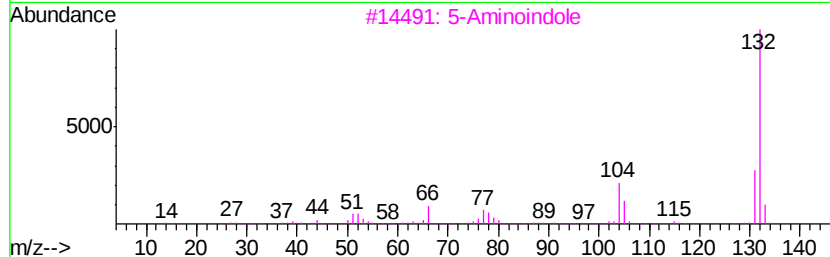
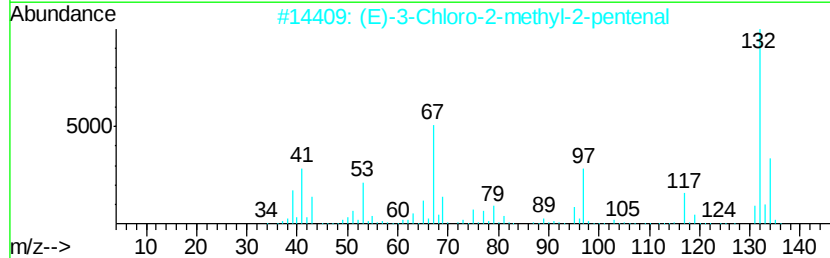
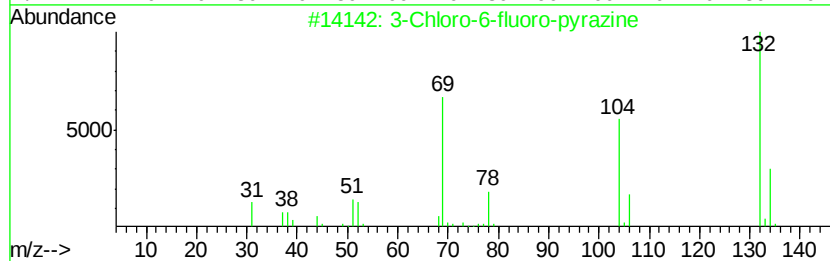
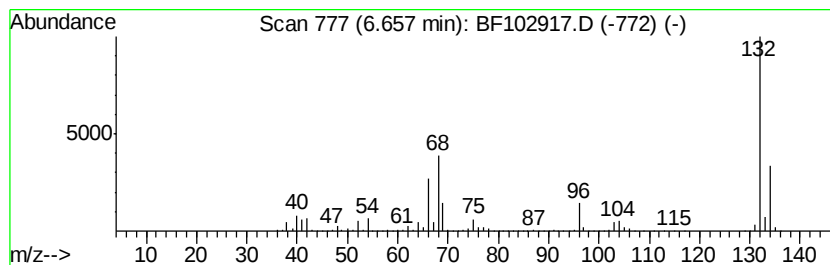
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	56.89 ng	3495460	1,4-Dichlorobenzene-d4	6.89

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	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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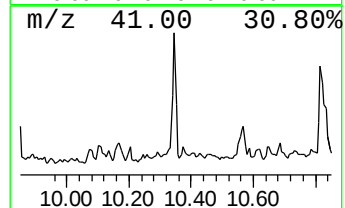
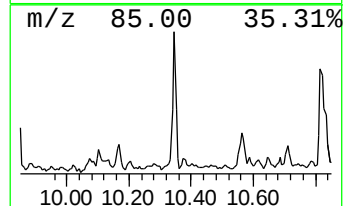
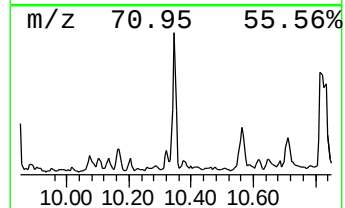
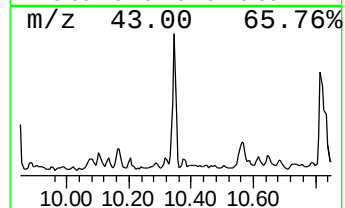
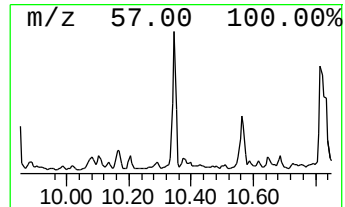
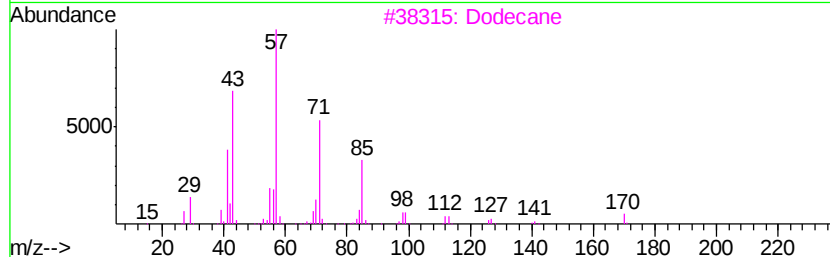
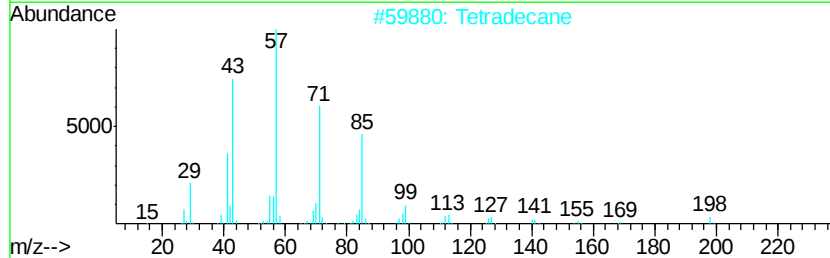
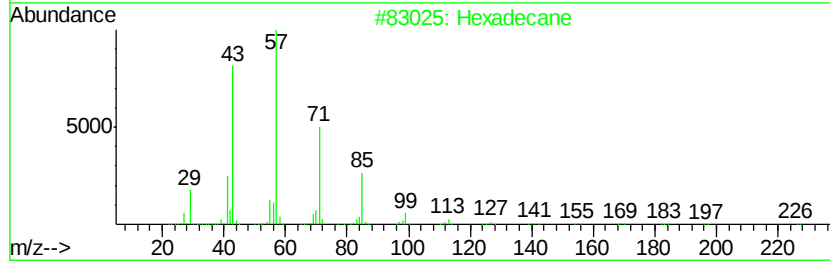
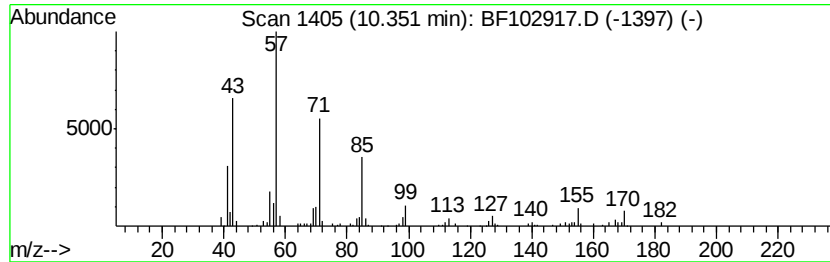
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	3.53 ng	288931	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	Tetradecane	198 C14H30	000629-59-4	86
3	Dodecane	170 C12H26	000112-40-3	80
4	Decane, 3-methyl-	156 C11H24	013151-34-3	68
5	1-Decene, 4-methyl-	154 C11H22	013151-29-6	60



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Data File : BF102917.D
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Operator : SJ/JU
Sample : J1525-01
Misc :
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ClientSampleId :
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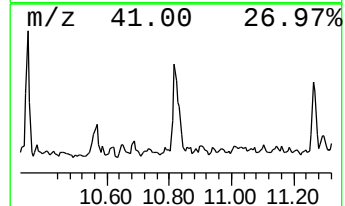
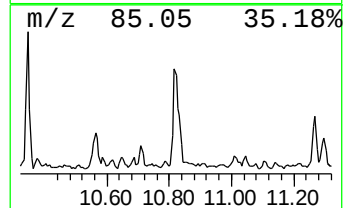
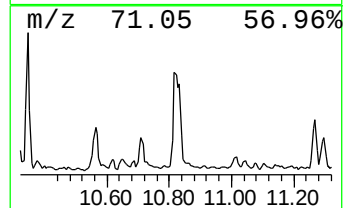
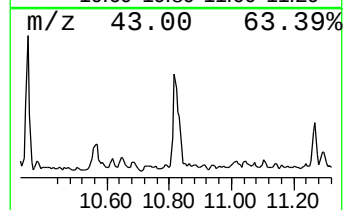
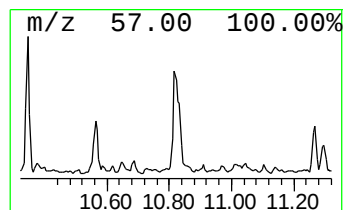
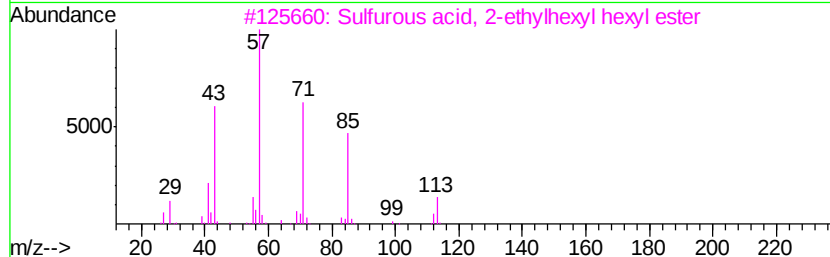
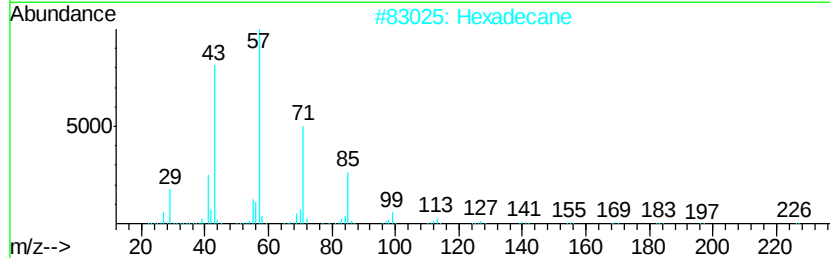
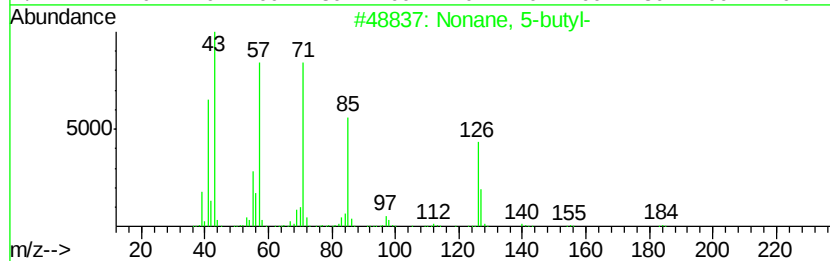
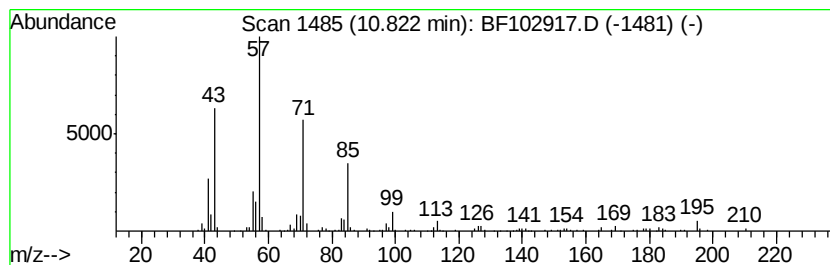
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonane, 5-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	5.53 ng	339796	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	86	
2	Hexadecane	226	C16H34	000544-76-3	86	
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72	
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72	
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72	



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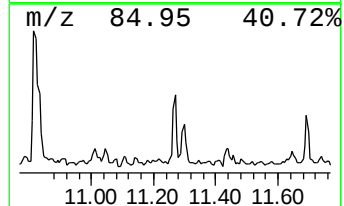
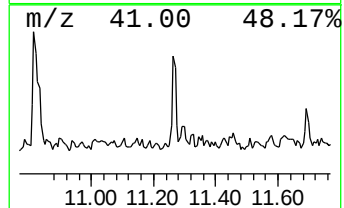
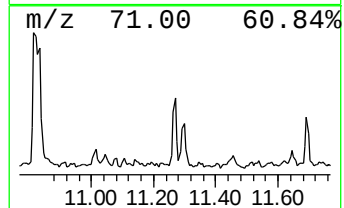
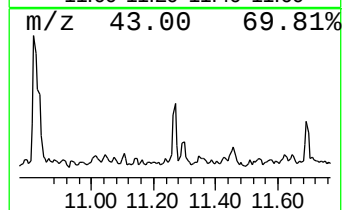
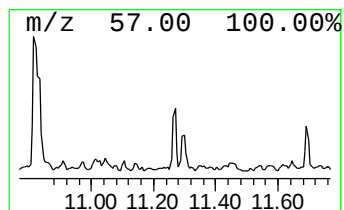
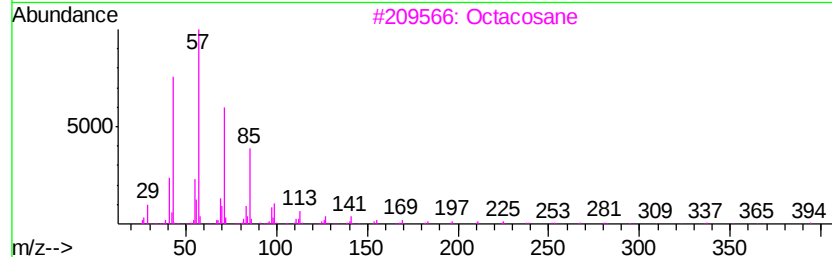
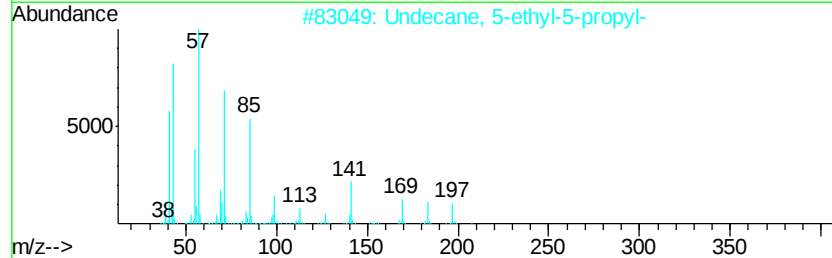
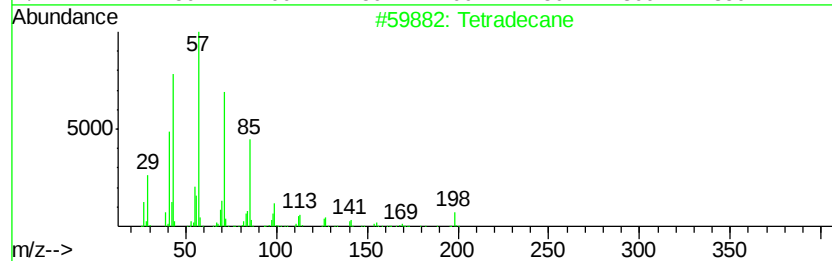
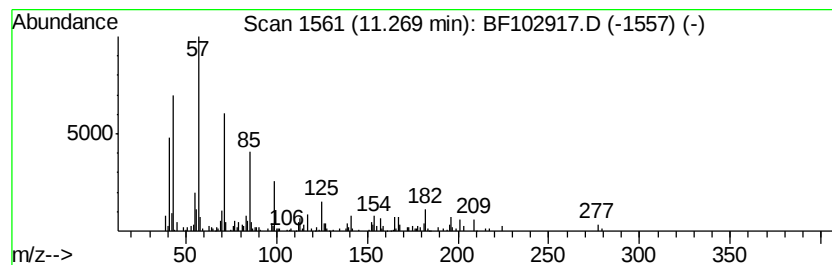
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.66 ng	163291	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	52
2		Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	52
3		Octacosane	394	C28H58	000630-02-4	52
4		Pentadecane	212	C15H32	000629-62-9	50
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	49



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
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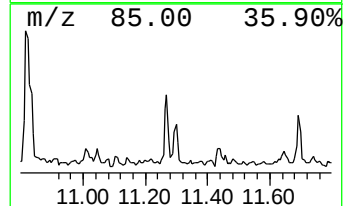
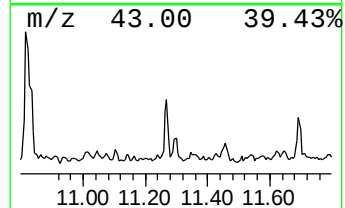
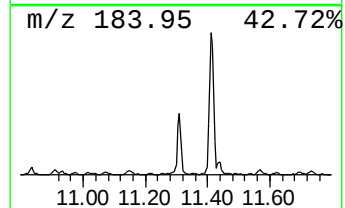
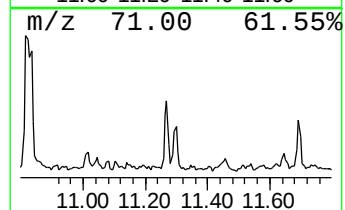
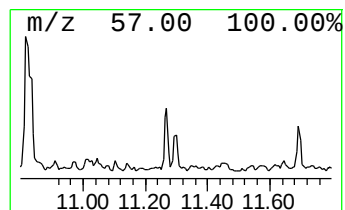
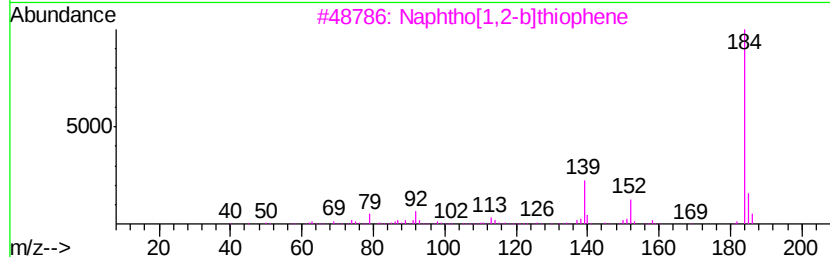
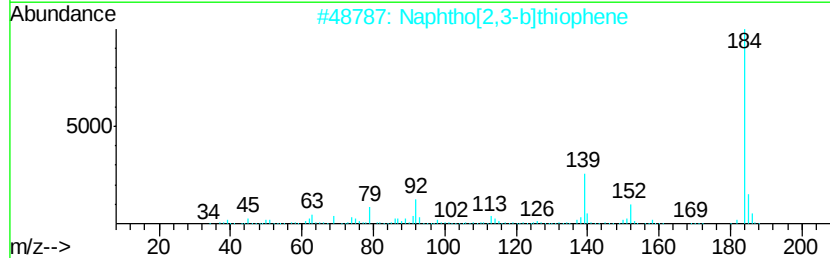
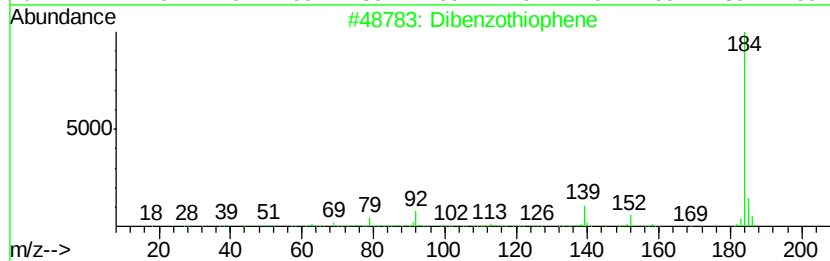
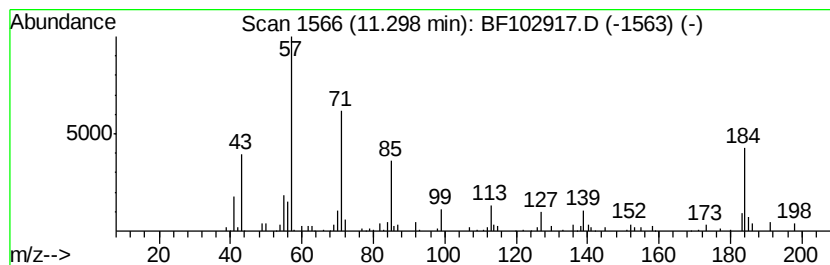
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	2.44 ng	149993	Phenanthrene-d10	11.41

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



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
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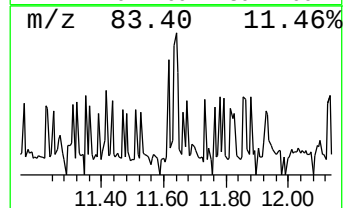
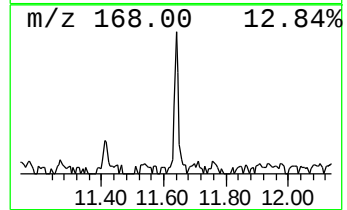
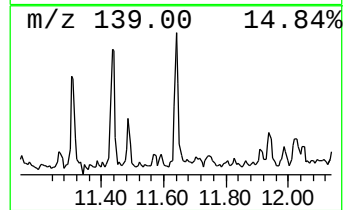
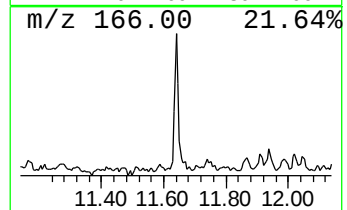
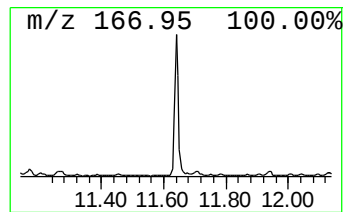
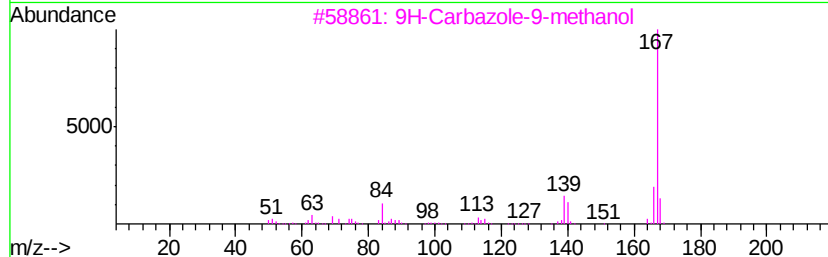
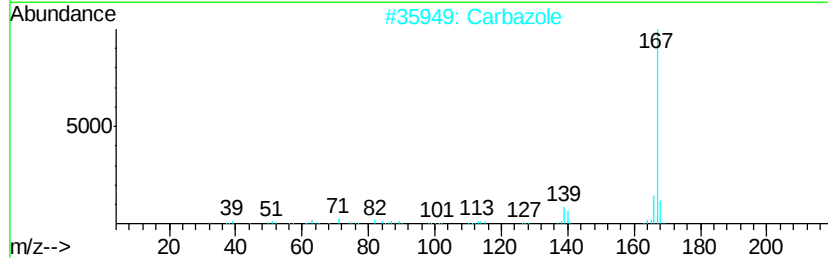
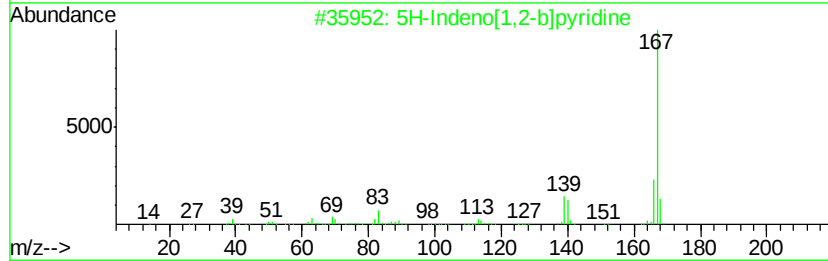
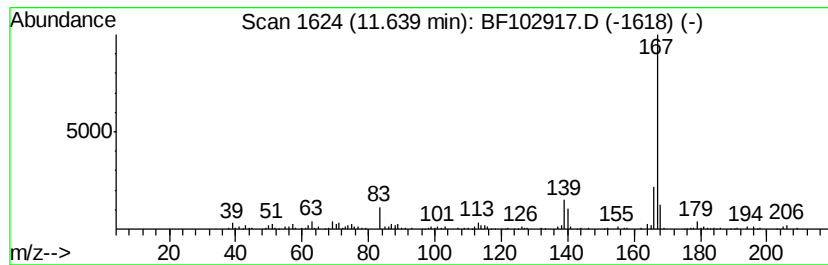
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5H-Indeno[1,2-b]pyridine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.64	4.06 ng	249620	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pvridine	167	C12H9N	000244-99-5	94
2	Carbazole	167	C12H9N	000086-74-8	90
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
4	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	87
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86



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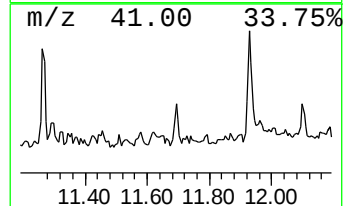
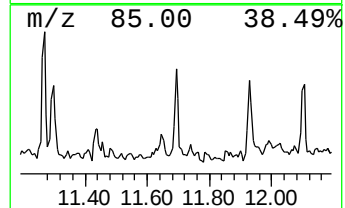
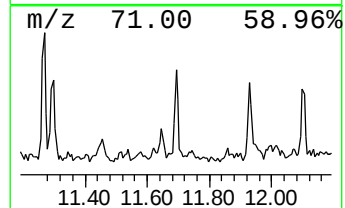
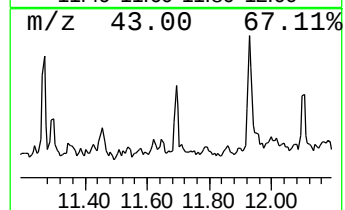
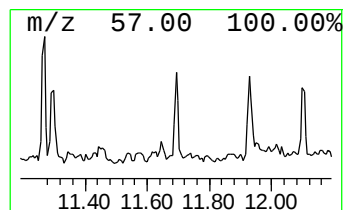
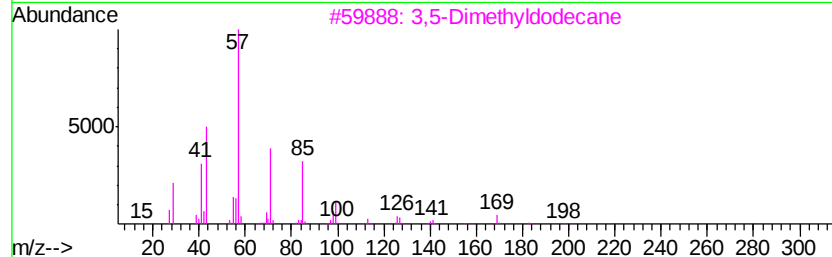
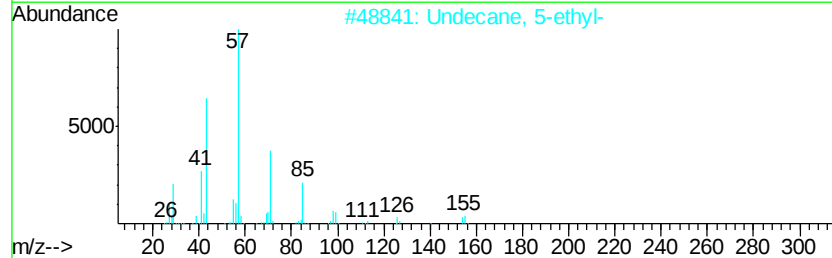
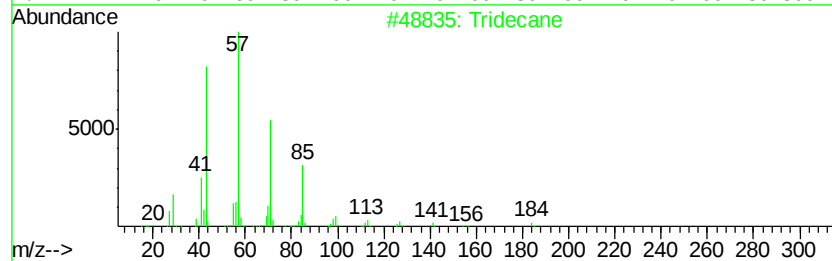
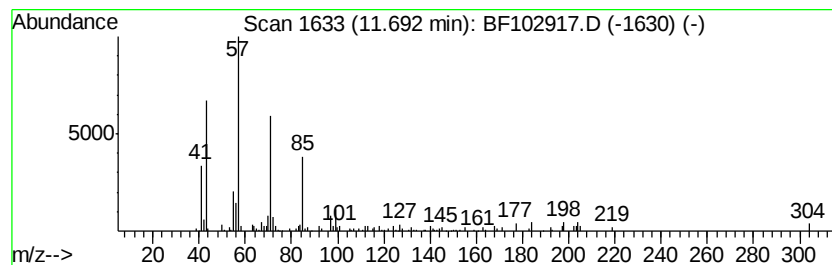
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.28 ng	140050	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	72
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
4		Tetradecane	198	C14H30	000629-59-4	64
5		Dodecane	170	C12H26	000112-40-3	64



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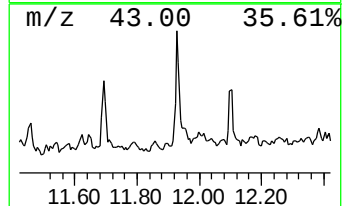
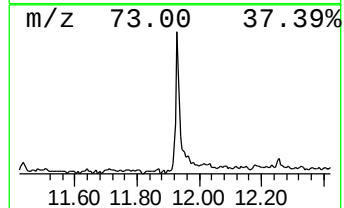
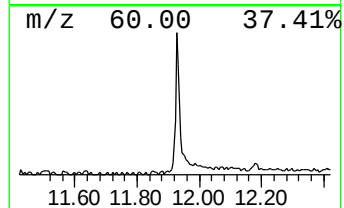
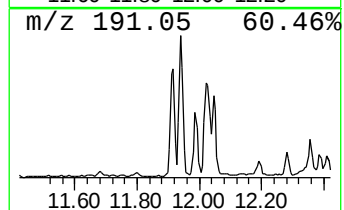
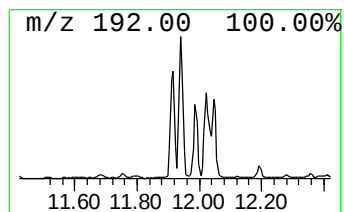
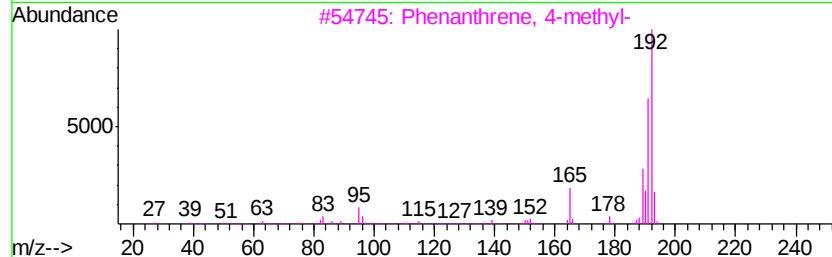
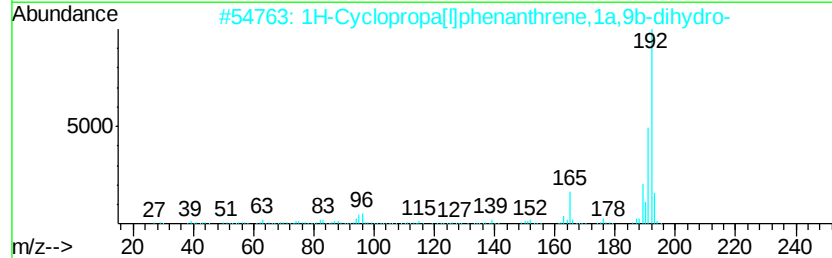
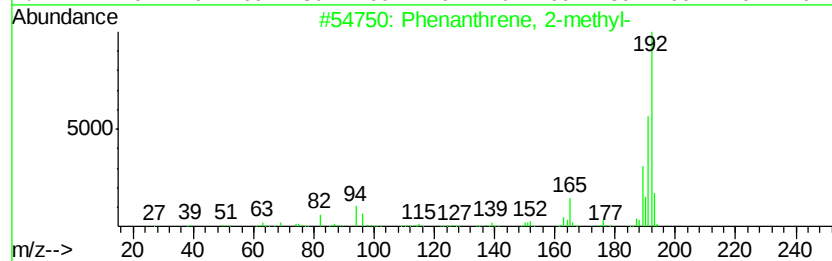
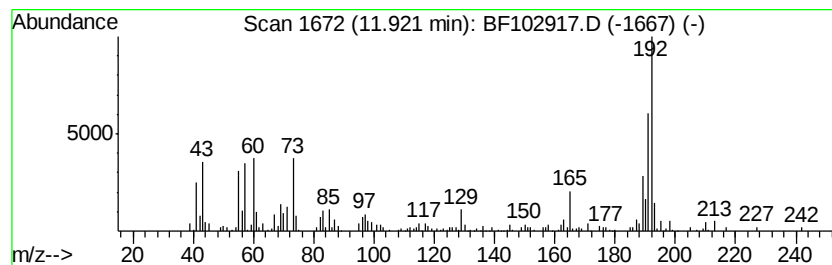
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.35 ng	205930	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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ALS Vial : 12 Sample Multiplier: 1

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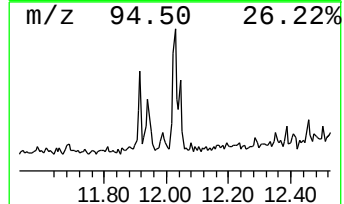
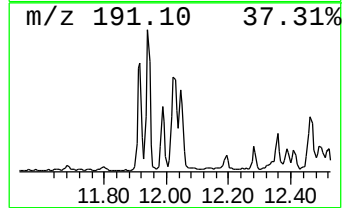
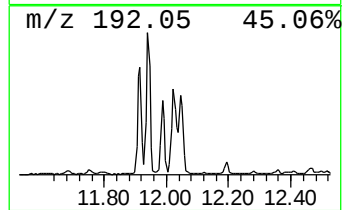
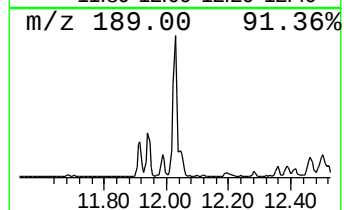
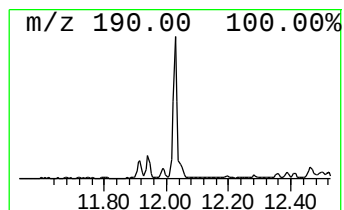
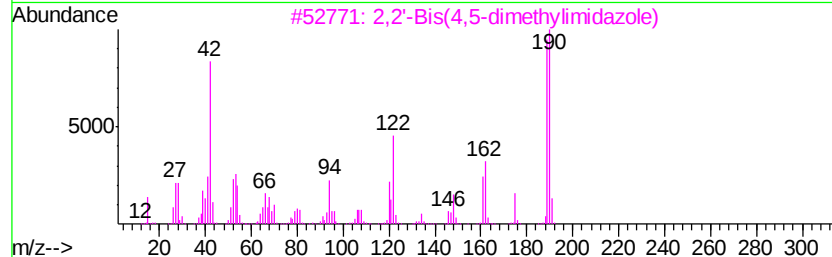
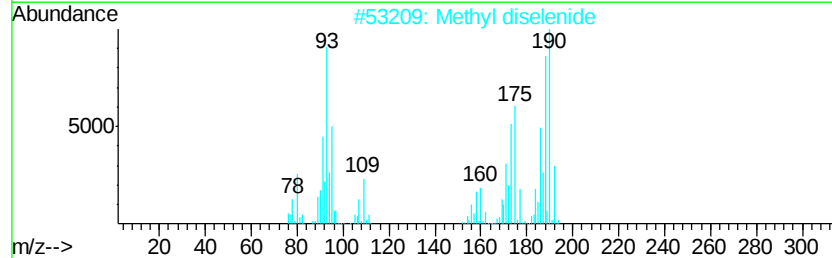
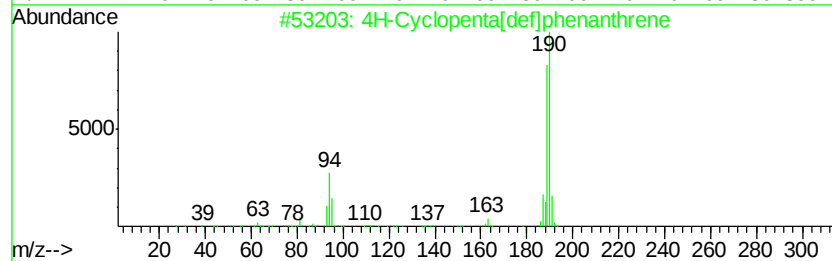
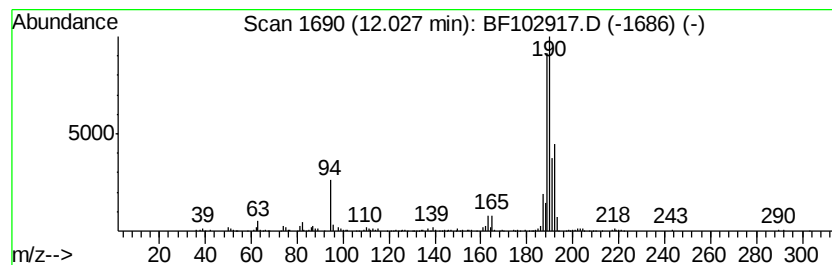
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	5.92 ng	363935	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		Methyl diselenide	190	C2H6Se2	007101-31-7	45
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	28
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102917.D
Acq On : 12 Feb 2018 13:45
Operator : SJ/JU
Sample : J1525-01
Misc :
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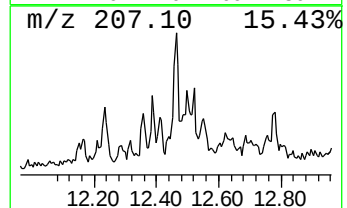
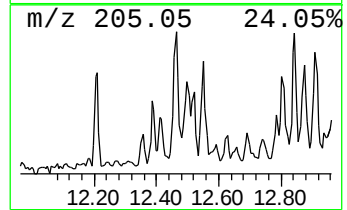
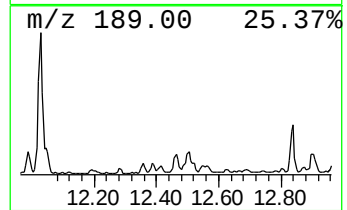
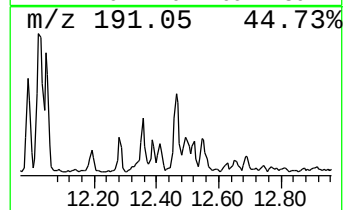
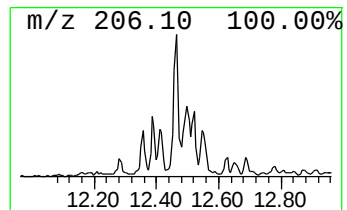
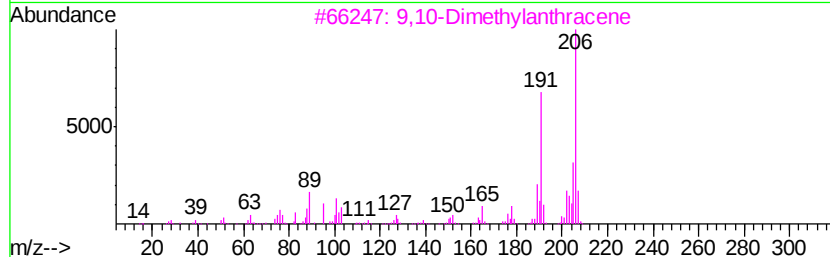
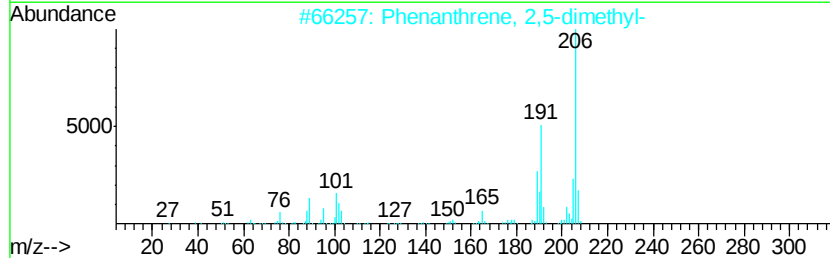
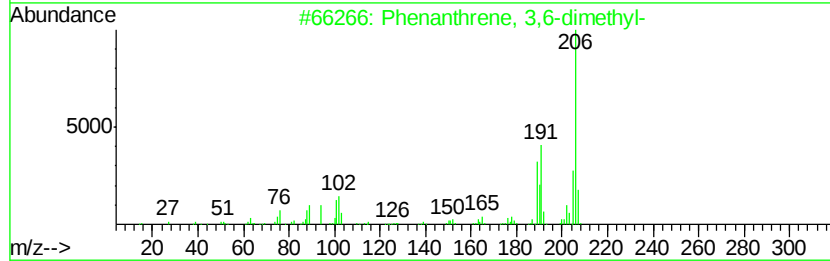
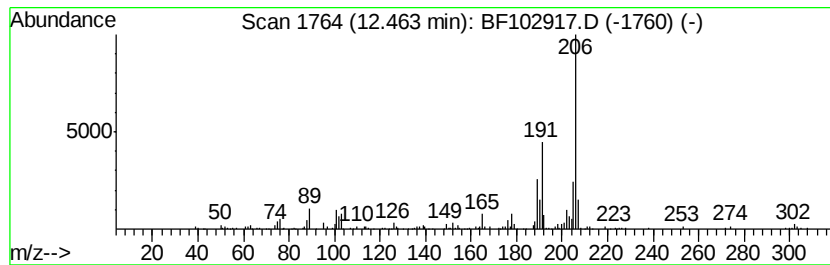
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.46	2.99 ng	183797	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



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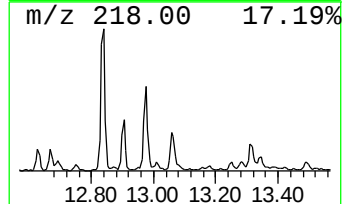
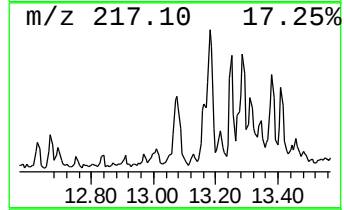
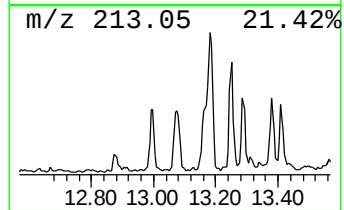
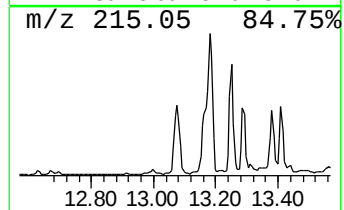
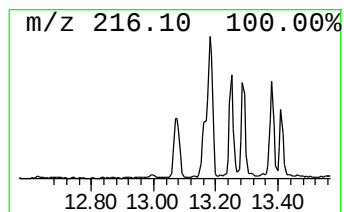
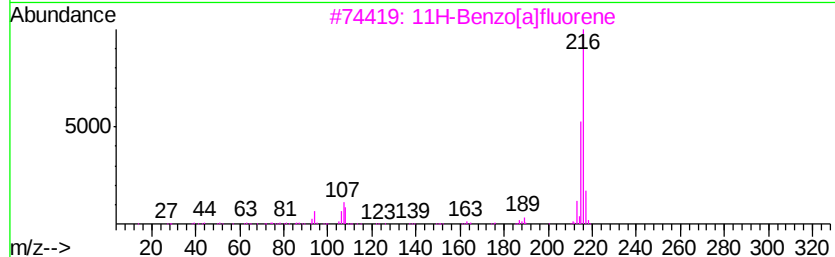
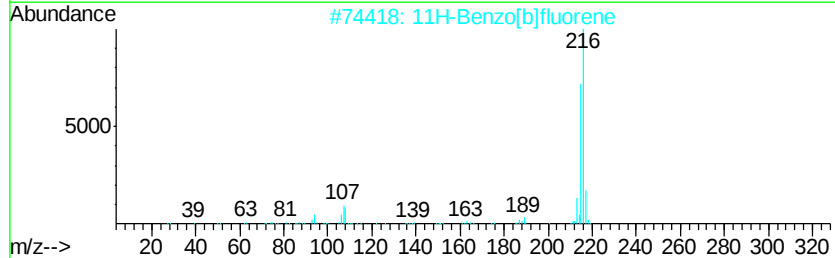
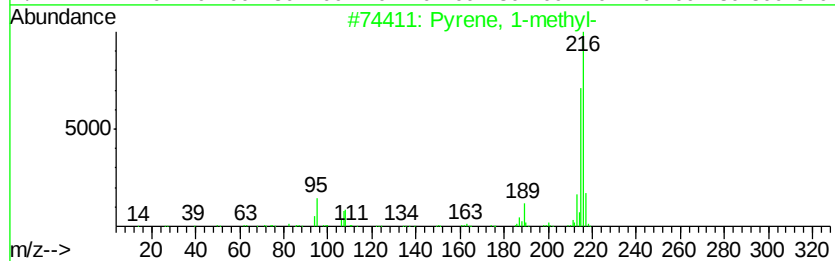
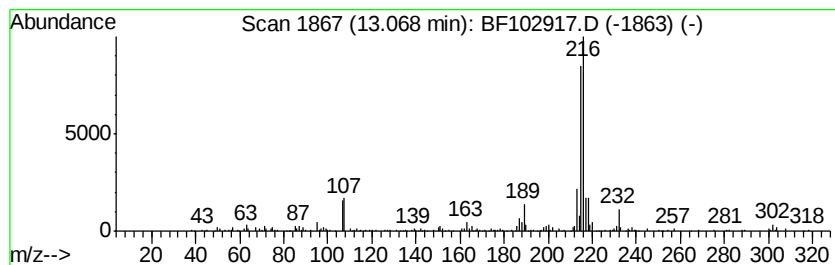
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.37 ng	263879	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
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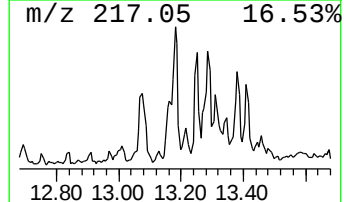
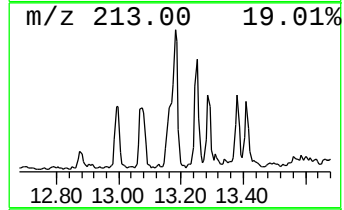
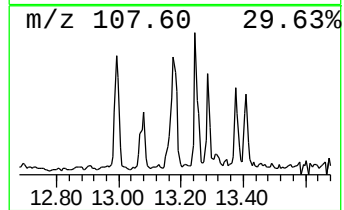
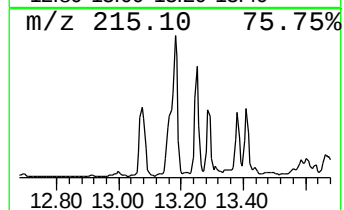
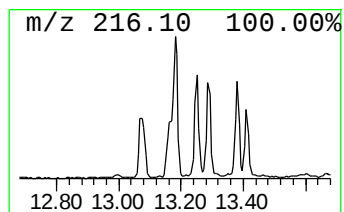
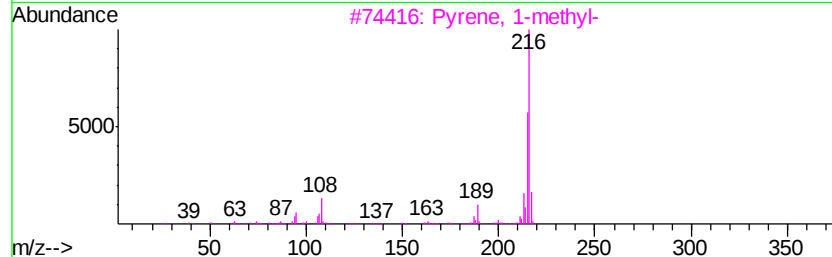
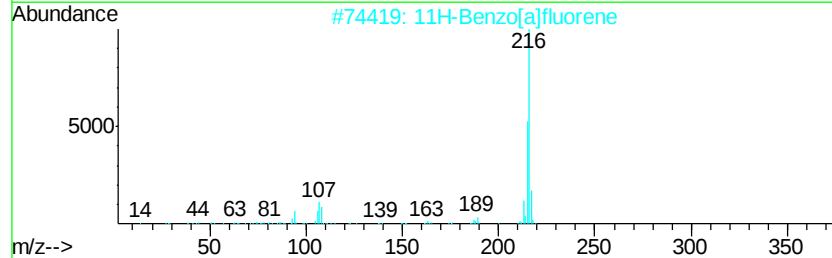
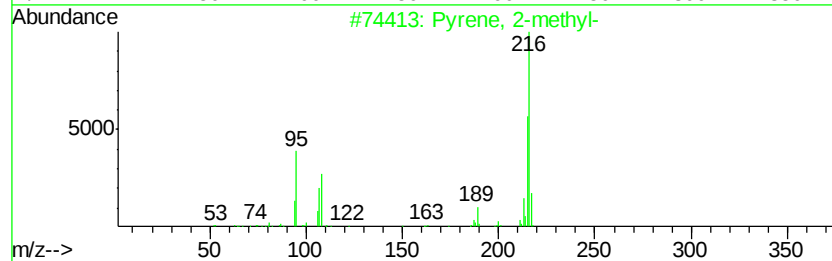
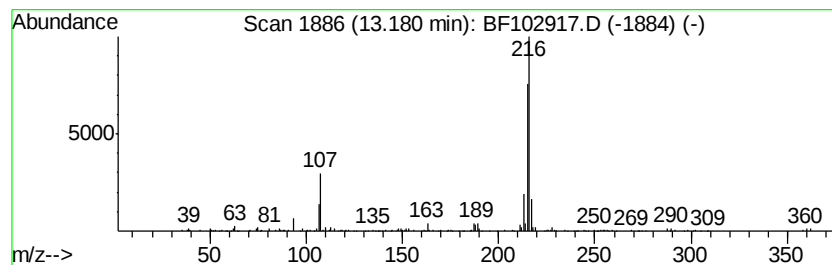
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.18	2.53 ng	280884	Chrysene-d12	14.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
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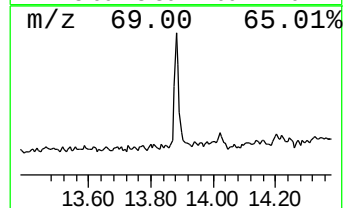
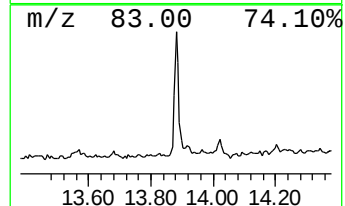
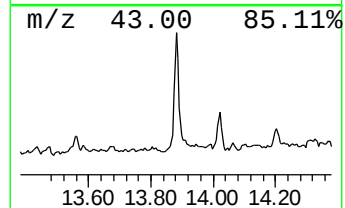
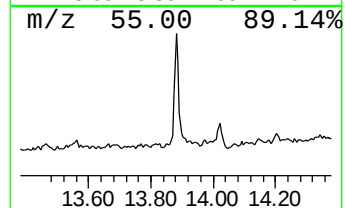
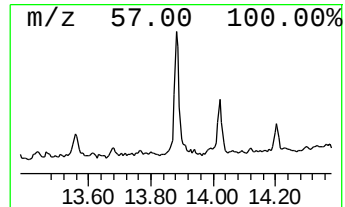
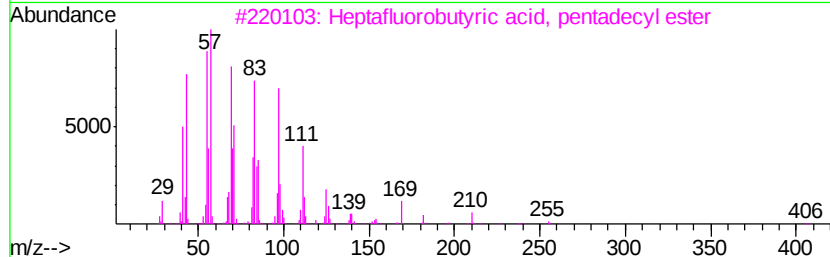
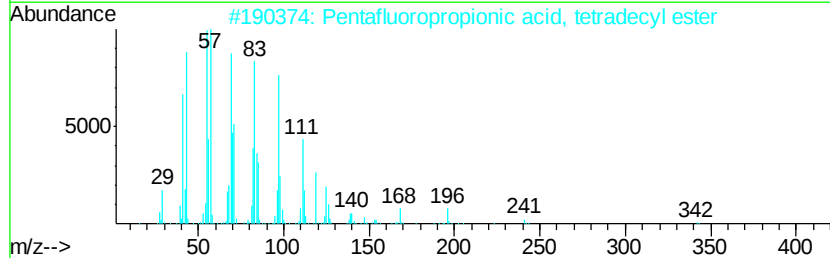
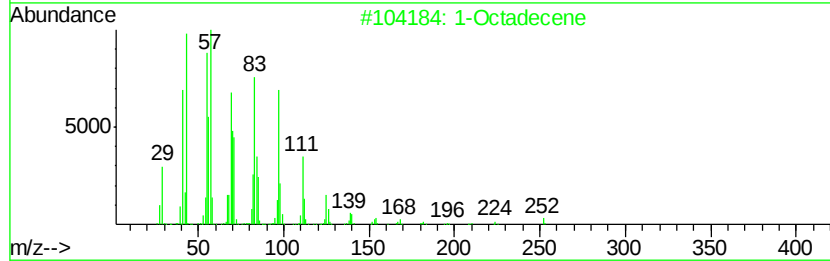
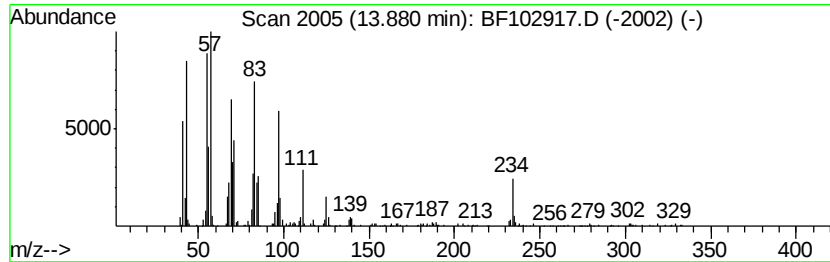
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.88	6.43 ng	715082	Chrysene-d12		14.06	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecene	252	C18H36	000112-88-9	97
2		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	90
3		Heptafluorobutvric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90



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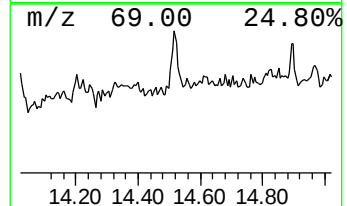
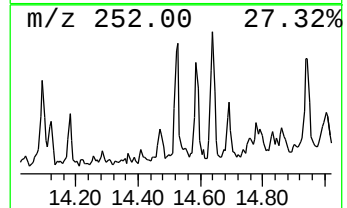
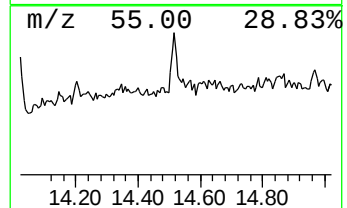
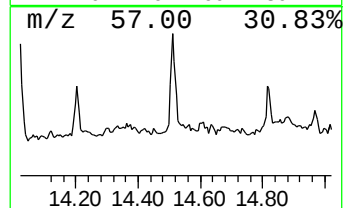
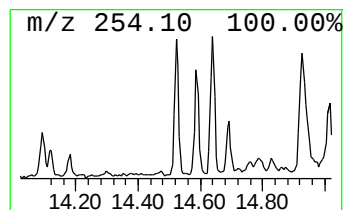
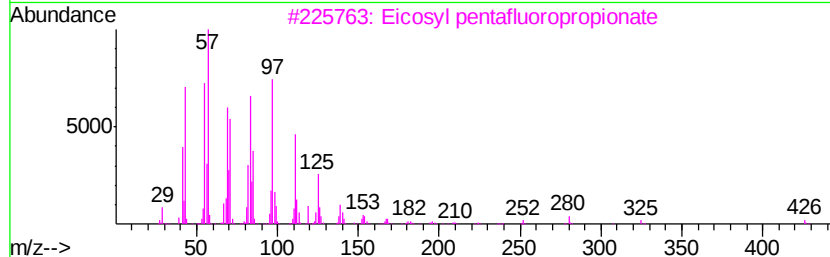
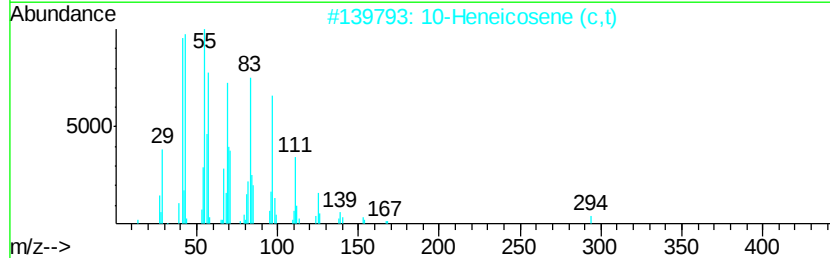
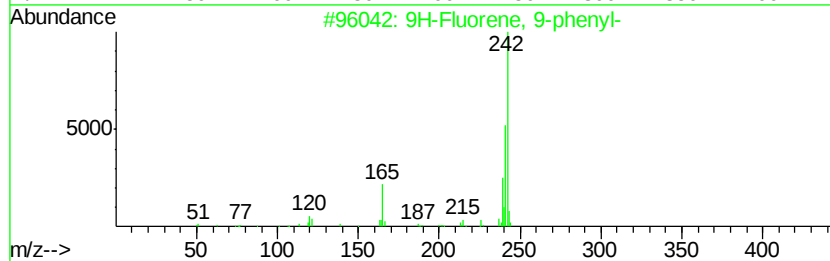
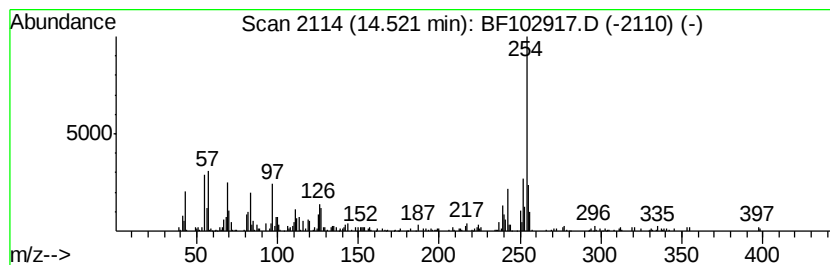
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown14.52 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.44 ng	271588	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-phenyl-	242	C19H14	000789-24-2	44
2		10-Heneicosene (c,t)	294	C21H42	095008-11-0	42
3		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	41
4		Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	41
5		Heneicosyl trifluoroacetate	408	C23H43F3O2	1000351-76-5	41



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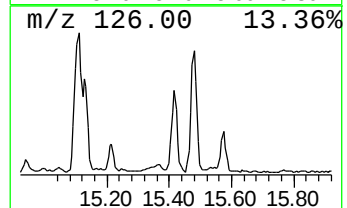
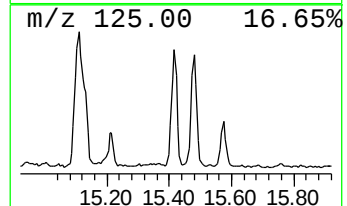
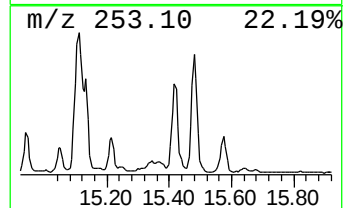
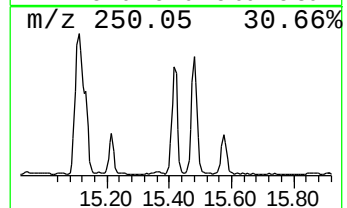
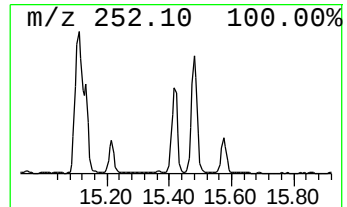
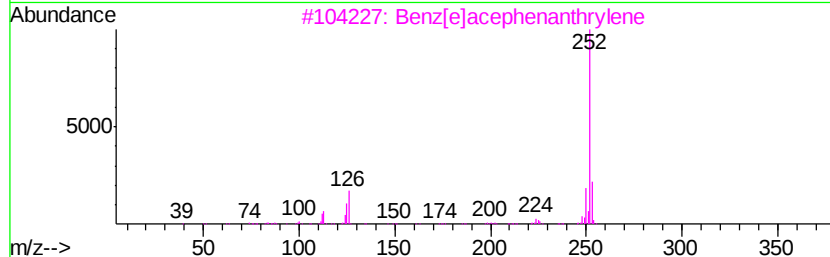
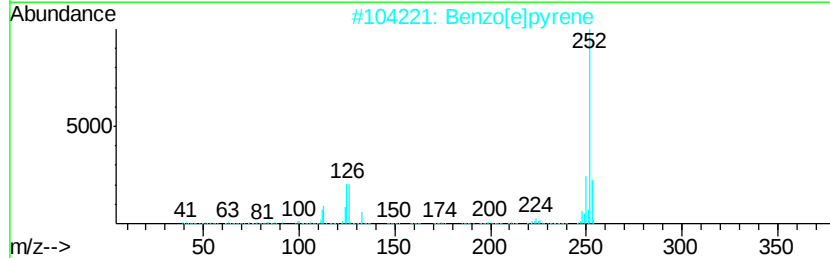
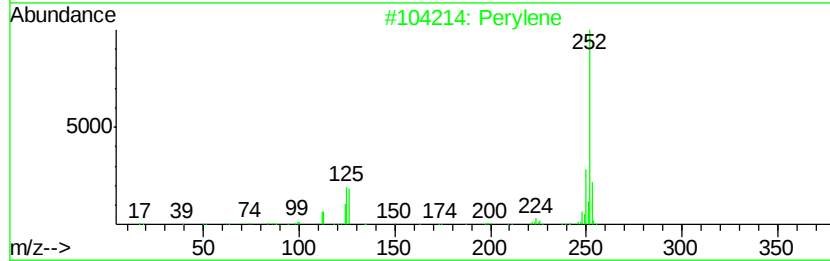
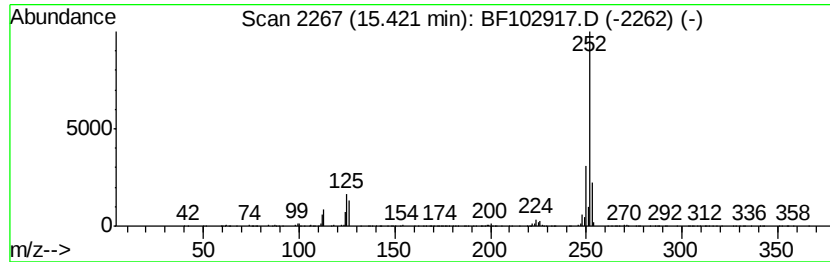
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	15.69 ng	723620	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[el]pyrene	252	C20H12	000192-97-2	99
3		Benzo[el]acephenanthrylene	252	C20H12	000205-99-2	97
4		Benzo[il]fluoranthene	252	C20H12	000205-82-3	97
5		Benzo[a]pyrene	252	C20H12	000050-32-8	96



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
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Acq On : 12 Feb 2018 13:45
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Sample : J1525-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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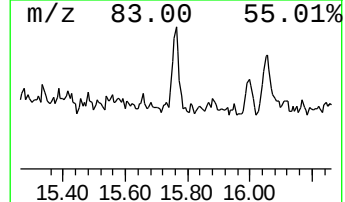
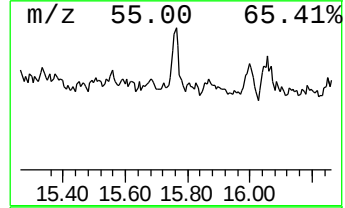
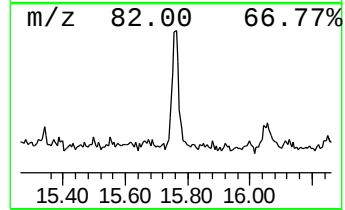
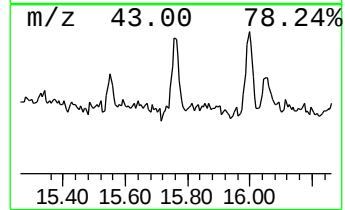
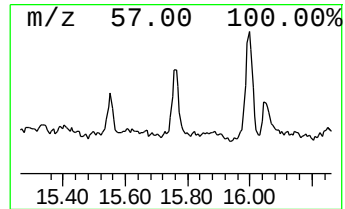
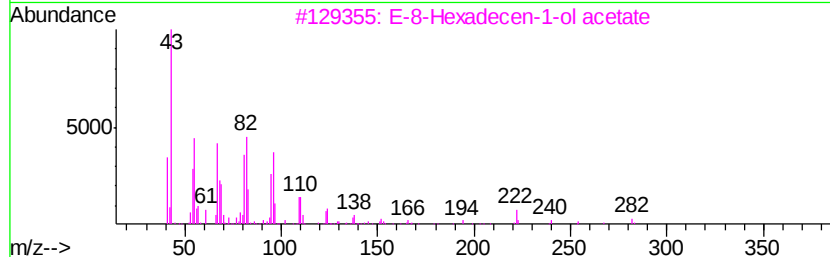
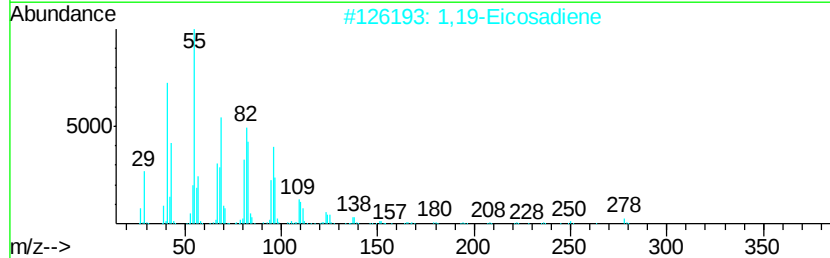
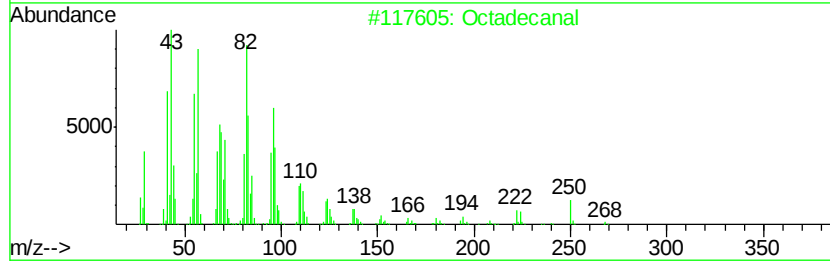
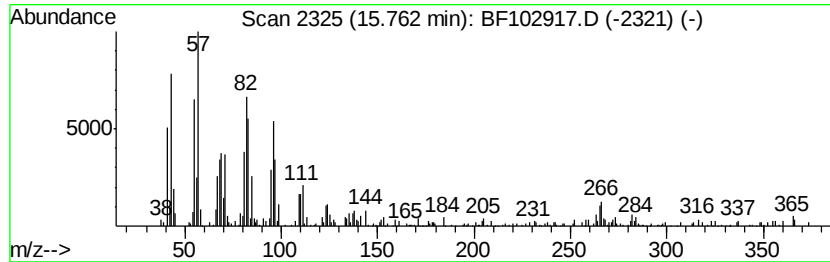
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	6.66 ng	306965	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	74
2		1,19-Eicosadiene	278	C20H38	014811-95-1	68
3		E-8-Hexadecen-1-ol acetate	282	C18H34O2	1000131-01-1	64
4		7-Cyclohexylnonadecane	350	C25H50	1000357-25-4	60
5		Oxirane, tetradecyl-	240	C16H32O	007320-37-8	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021218\
 Data File : BF102917.D
 Acq On : 12 Feb 2018 13:45
 Operator : SJ/JU
 Sample : J1525-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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...	2.16	13.5	ng	831132	1	6.89	1228910	20.0
unknown6.66	6.66	56.9	ng	3495460	1	6.89	1228910	20.0
Hexadecane	10.35	3.5	ng	288931	3	9.92	1636480	20.0
Nonane, 5-butyl-	10.82	5.5	ng	339796	4	11.41	1229000	20.0
Tetradecane	11.27	2.7	ng	163291	4	11.41	1229000	20.0
Dibenzothiophene	11.30	2.4	ng	149993	4	11.41	1229000	20.0
5H-Indeno[1,2-b]p...	11.64	4.1	ng	249620	4	11.41	1229000	20.0
Tridecane	11.69	2.3	ng	140050	4	11.41	1229000	20.0
Phenanthrene, 2-m...	11.92	3.4	ng	205930	4	11.41	1229000	20.0
4H-Cyclopenta[def...	12.03	5.9	ng	363935	4	11.41	1229000	20.0
Phenanthrene, 3,6...	12.46	3.0	ng	183797	4	11.41	1229000	20.0
Pyrene, 1-methyl-	13.07	2.4	ng	263879	5	14.06	2223160	20.0
Pyrene, 2-methyl-	13.18	2.5	ng	280884	5	14.06	2223160	20.0
1-Octadecene	13.88	6.4	ng	715082	5	14.06	2223160	20.0
unknown14.52	14.52	2.4	ng	271588	5	14.06	2223160	20.0
Perylene	15.42	15.7	ng	723620	6	15.54	922246	20.0
Octadecanal	15.76	6.7	ng	306965	6	15.54	922246	20.0