

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107142.D
 Acq On : 5 Jul 2018 22:15
 Operator : JU/SJ
 Sample : J3815-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 964

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-BF061918.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	5.184	480	484	495	rBV	99069	117337	10.71%	0.609%
2	5.589	550	553	574	rBB	957686	936313	85.45%	4.856%
3	6.595	719	724	735	rBV	934000	949242	86.63%	4.923%
4	6.725	742	746	750	rBV	1088561	959440	87.56%	4.976%
5	6.948	780	784	787	rBV	379257	316648	28.90%	1.642%
6	7.101	806	810	814	rBV	885910	785057	71.64%	4.071%
7	7.513	875	880	890	rBV	623600	589204	53.77%	3.056%
8	8.230	998	1002	1020	rBV	428448	391886	35.76%	2.032%
9	9.301	1180	1184	1191	rBV	1267901	1095805	100.00%	5.683%
10	9.695	1245	1251	1257	rBV2	191659	245029	22.36%	1.271%
11	9.848	1271	1277	1280	rBV2	28236	40336	3.68%	0.209%
12	9.895	1281	1285	1289	rVB2	34054	36615	3.34%	0.190%
13	9.989	1298	1301	1305	rVV	458750	394732	36.02%	2.047%
14	10.024	1305	1307	1309	rVV	36205	30762	2.81%	0.160%
15	10.083	1313	1317	1321	rBV3	19218	36406	3.32%	0.189%
16	10.183	1331	1334	1338	rBV3	34700	46629	4.26%	0.242%
17	10.230	1338	1342	1345	rVB3	41350	54021	4.93%	0.280%
18	10.301	1350	1354	1357	rBV	56011	63897	5.83%	0.331%
19	10.336	1357	1360	1363	rVB2	38507	42413	3.87%	0.220%
20	10.395	1365	1370	1372	rBV2	100045	112895	10.30%	0.585%
21	10.542	1391	1395	1396	rBV3	39400	53907	4.92%	0.280%
22	10.613	1404	1407	1410	rBV3	183489	201055	18.35%	1.043%
23	10.672	1415	1417	1420	rBV3	24642	30130	2.75%	0.156%
24	10.695	1420	1421	1426	rVB4	41742	37152	3.39%	0.193%
25	10.736	1426	1428	1430	rBV	40514	34883	3.18%	0.181%
26	10.783	1432	1436	1440	rBV	593438	623366	56.89%	3.233%
27	10.883	1448	1453	1460	rVB2	430165	559043	51.02%	2.899%
28	10.971	1465	1468	1471	rBV	51008	56697	5.17%	0.294%
29	11.119	1490	1493	1496	rBV2	106687	99564	9.09%	0.516%
30	11.201	1504	1507	1508	rBV2	56999	53745	4.90%	0.279%
31	11.283	1518	1521	1523	rBV3	55955	56271	5.14%	0.292%
32	11.319	1524	1527	1529	rVV	209476	177386	16.19%	0.920%
33	11.348	1529	1532	1534	rVV	247012	225940	20.62%	1.172%
34	11.377	1534	1537	1545	rVB3	86457	148260	13.53%	0.769%

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35	11.483	1552	1555	1557	rVV	424070	372015	33.95%	1.929%
36	11.507	1557	1559	1562	rVV	179976	165759	15.13%	0.860%
37	11.566	1566	1569	1570	rBV	49105	49539	4.52%	0.257%
38	11.595	1570	1574	1576	rVV3	134233	161815	14.77%	0.839%
39	11.636	1579	1581	1584	rVV3	72293	103464	9.44%	0.537%
40	11.666	1584	1586	1588	rVV2	59334	58133	5.31%	0.301%
41	11.707	1589	1593	1596	rVV4	90457	156633	14.29%	0.812%
42	11.748	1597	1600	1603	rVB	299447	267913	24.45%	1.389%
43	11.813	1606	1611	1620	rVB4	111758	252245	23.02%	1.308%
44	11.895	1622	1625	1631	rBV3	73755	143843	13.13%	0.746%
45	11.983	1637	1640	1643	rBV	173755	192649	17.58%	0.999%
46	12.013	1643	1645	1648	rVB	166982	157310	14.36%	0.816%
47	12.066	1648	1654	1657	rBV4	130256	190215	17.36%	0.986%
48	12.095	1657	1659	1662	rVV3	173327	181696	16.58%	0.942%
49	12.124	1662	1664	1666	rVB	124579	96885	8.84%	0.502%
50	12.154	1666	1669	1672	rBV	309972	237078	21.64%	1.230%
51	12.183	1672	1674	1677	rBV3	30234	43344	3.96%	0.225%
52	12.218	1678	1680	1683	rVB	80740	74056	6.76%	0.384%
53	12.277	1687	1690	1693	rBV3	99244	99578	9.09%	0.516%
54	12.354	1701	1703	1705	rBV	41550	31631	2.89%	0.164%
55	12.389	1705	1709	1711	rVV	36817	63115	5.76%	0.327%
56	12.430	1711	1716	1719	rVV3	185875	239541	21.86%	1.242%
57	12.466	1719	1722	1724	rVV	148307	154579	14.11%	0.802%
58	12.489	1724	1726	1728	rVV	94020	73794	6.73%	0.383%
59	12.542	1731	1735	1737	rBV2	483320	497309	45.38%	2.579%
60	12.571	1737	1740	1742	rVV2	107618	135157	12.33%	0.701%
61	12.595	1742	1744	1746	rVB	80380	60539	5.52%	0.314%
62	12.618	1746	1748	1752	rBV2	96873	120500	11.00%	0.625%
63	12.654	1752	1754	1757	rVB	62504	60639	5.53%	0.314%
64	12.707	1759	1763	1765	rBV	359460	333173	30.40%	1.728%
65	12.730	1765	1767	1771	rVV2	166256	142999	13.05%	0.742%
66	12.854	1786	1788	1790	rBV2	39783	30128	2.75%	0.156%
67	12.877	1790	1792	1796	rVB3	53227	43126	3.94%	0.224%
68	12.913	1796	1798	1800	rBV2	190602	163128	14.89%	0.846%
69	12.936	1800	1802	1807	rVB2	410951	388584	35.46%	2.015%
70	12.983	1807	1810	1814	rVB	123604	127275	11.61%	0.660%
71	13.036	1814	1819	1821	rBV2	44576	69844	6.37%	0.362%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	13.065	1821	1824	1828	rVB	1189074	1094813	99.91%	5.678%
73	13.142	1834	1837	1838	rBV	29296	27852	2.54%	0.144%
74	13.265	1850	1858	1863	rVB2	112520	199948	18.25%	1.037%
75	13.324	1863	1868	1871	rBV2	35928	55658	5.08%	0.289%
76	13.365	1871	1875	1878	rBV2	44447	47517	4.34%	0.246%
77	13.460	1889	1891	1894	rBV	36855	34494	3.15%	0.179%
78	13.495	1894	1897	1899	rVV	40913	37465	3.42%	0.194%
79	13.612	1914	1917	1920	rBV	40829	36393	3.32%	0.189%
80	13.777	1942	1945	1947	rVB	41380	39133	3.57%	0.203%
81	13.883	1958	1963	1966	rBV	44496	53336	4.87%	0.277%
82	13.907	1966	1967	1970	rVV	37211	31162	2.84%	0.162%
83	13.942	1970	1973	1978	rVV4	89170	115008	10.50%	0.596%
84	13.983	1978	1980	1984	rVB	41483	39039	3.56%	0.202%
85	14.083	1994	1997	2000	rVV	198802	160676	14.66%	0.833%
86	14.136	2000	2006	2009	rVV2	542740	676065	61.70%	3.506%
87	14.165	2009	2011	2017	rVB	187638	162462	14.83%	0.843%
88	14.248	2022	2025	2026	rBV	26363	28835	2.63%	0.150%
89	14.530	2068	2073	2076	rVV	41021	45794	4.18%	0.237%
90	14.565	2076	2079	2082	rBV2	38940	52524	4.79%	0.272%
91	14.883	2131	2133	2138	rVB	30830	33810	3.09%	0.175%
92	15.048	2157	2161	2164	rVB3	28780	33601	3.07%	0.174%
93	15.218	2186	2190	2192	rBV	136941	188824	17.23%	0.979%
94	15.330	2206	2209	2213	rVB	27139	29984	2.74%	0.156%
95	15.542	2240	2245	2249	rVB	72921	98676	9.00%	0.512%
96	15.606	2252	2256	2260	rBV	97230	132079	12.05%	0.685%
97	15.671	2263	2267	2271	rBV2	233489	295897	27.00%	1.535%
98	16.089	2335	2338	2343	rVB	27090	38203	3.49%	0.198%
99	17.253	2530	2536	2545	rVB	46256	97322	8.88%	0.505%
100	17.736	2614	2618	2627	rVB2	26142	54211	4.95%	0.281%

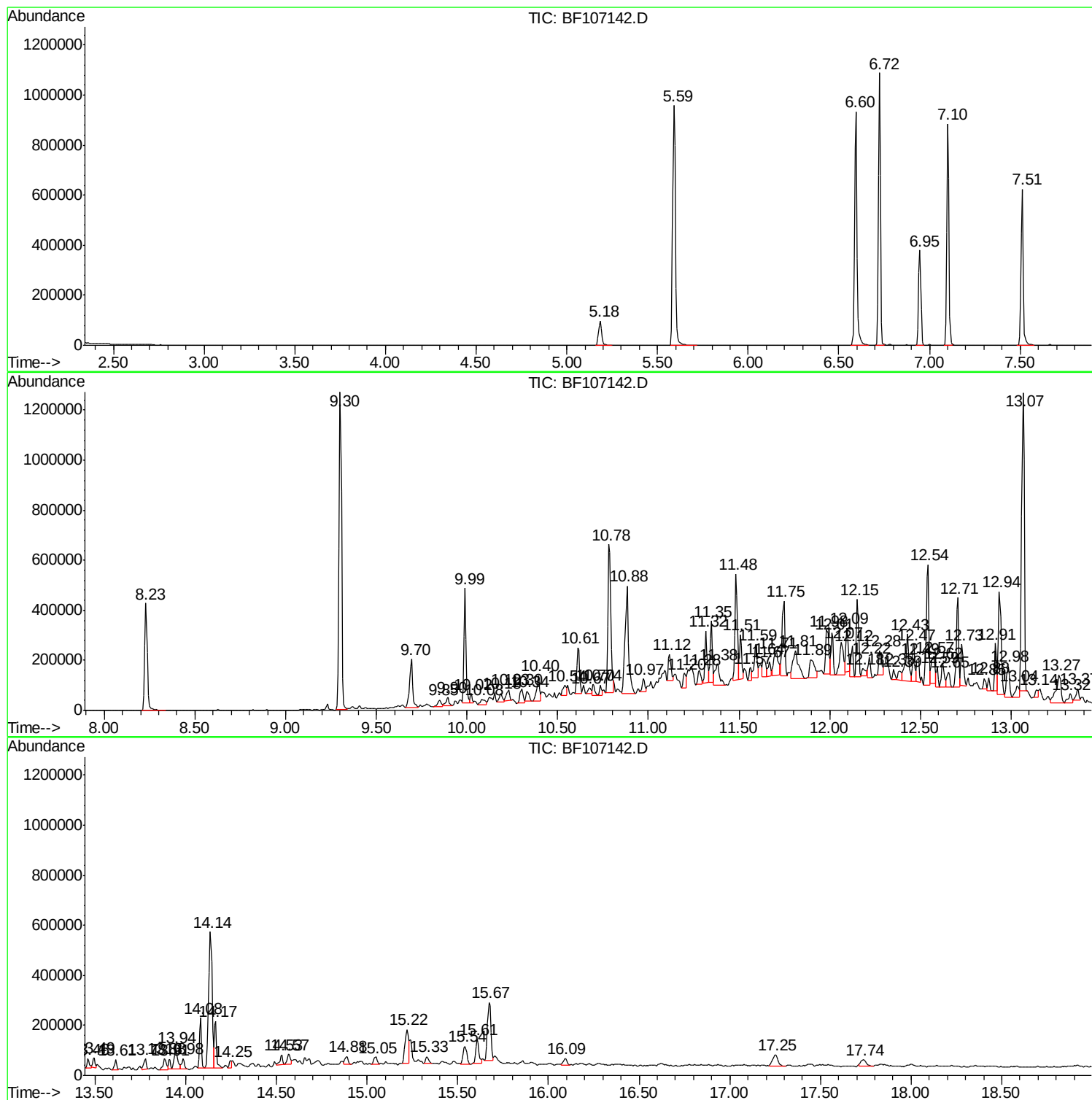
Sum of corrected areas: 19282078

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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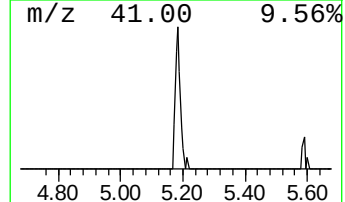
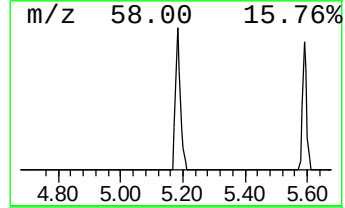
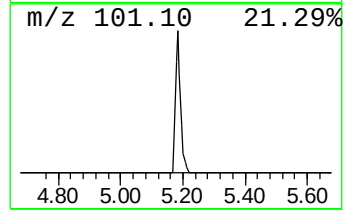
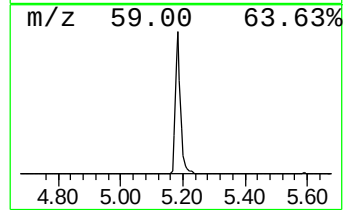
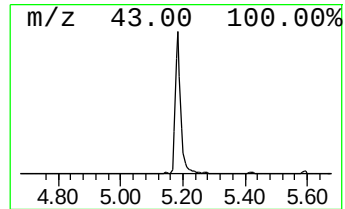
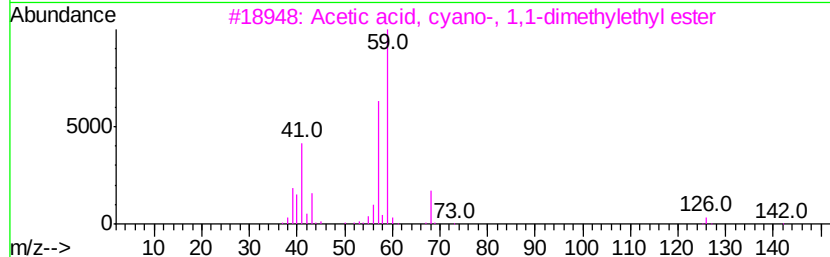
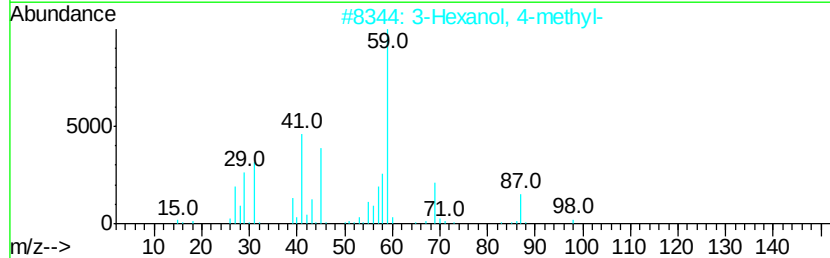
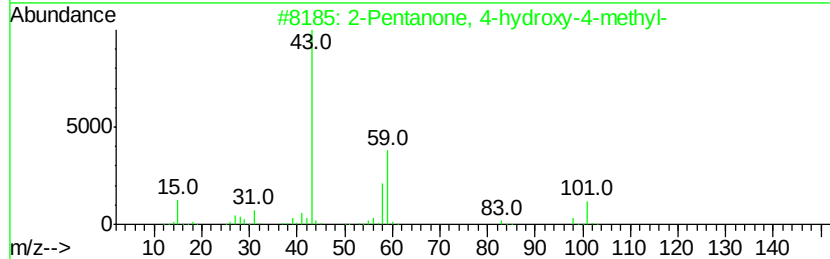
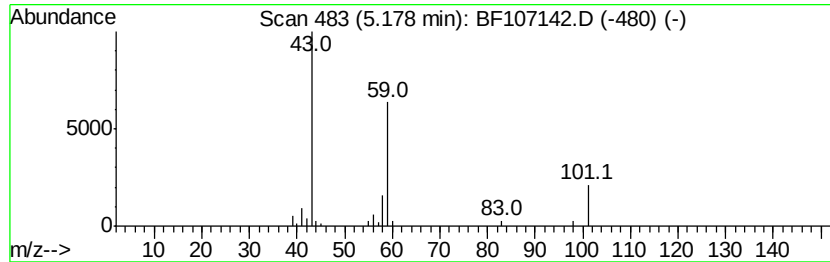
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	7.41 ng	117337	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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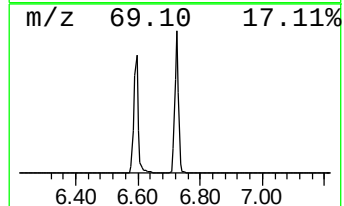
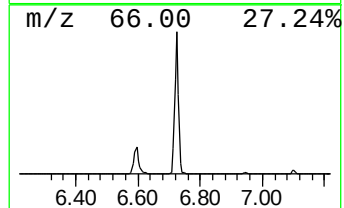
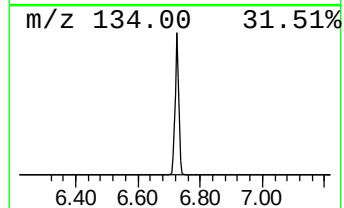
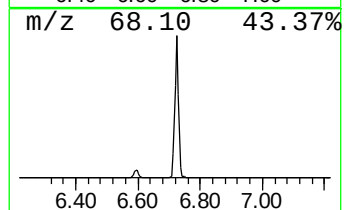
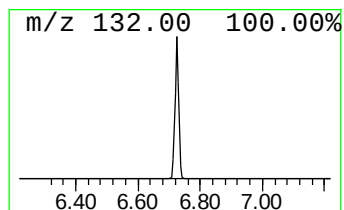
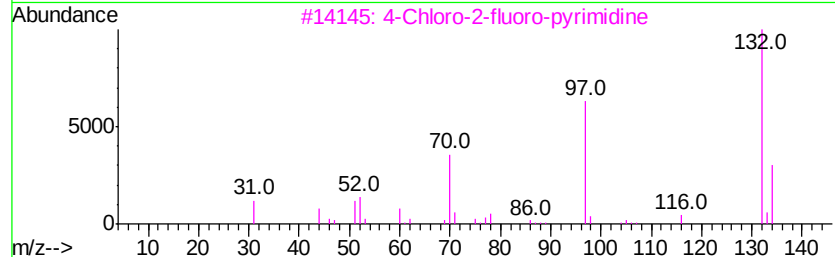
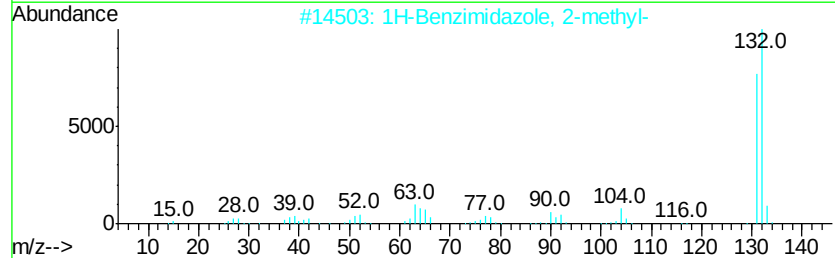
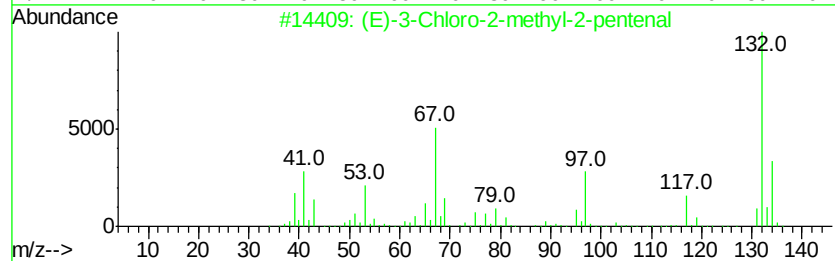
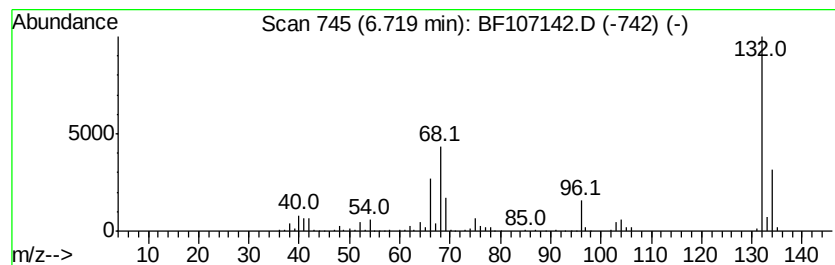
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	60.60 ng	959440	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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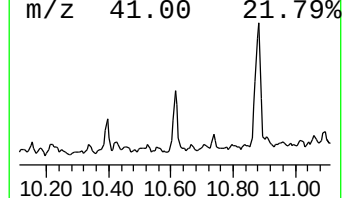
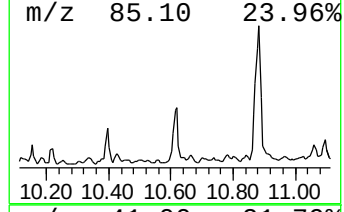
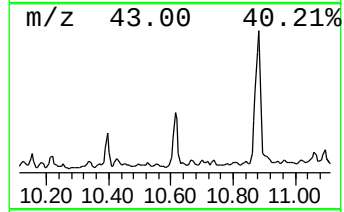
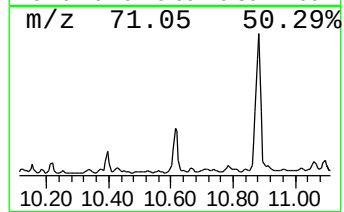
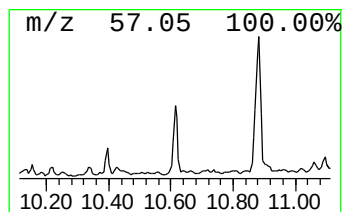
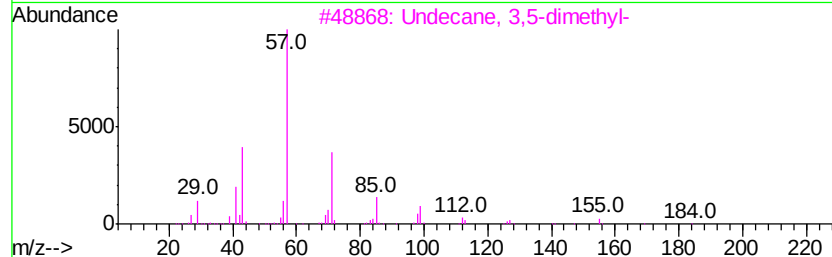
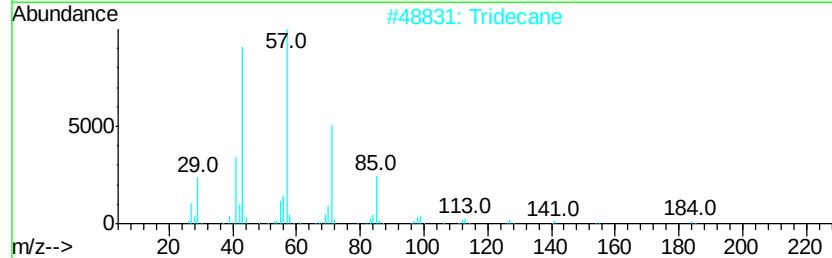
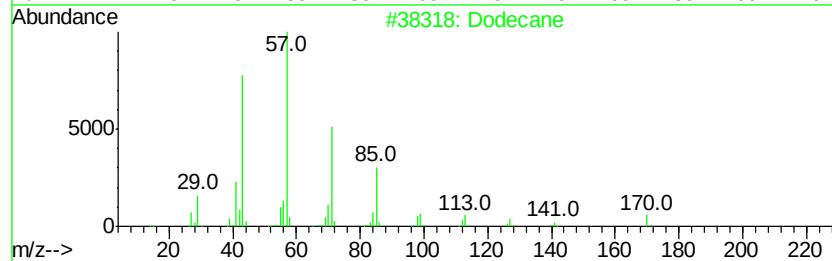
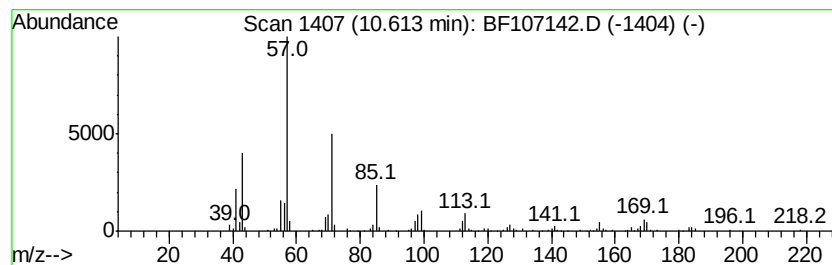
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	10.19 ng	201055	Acenaphthene-d10	9.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	87
2	Tridecane	184 C13H28	000629-50-5	72
3	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	64
4	Decane, 2-methyl-	156 C11H24	006975-98-0	62
5	Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107142.D
Acq On : 5 Jul 2018 22:15
Operator : JU/SJ
Sample : J3815-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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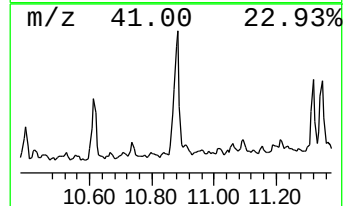
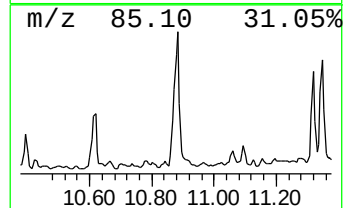
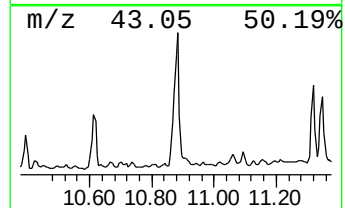
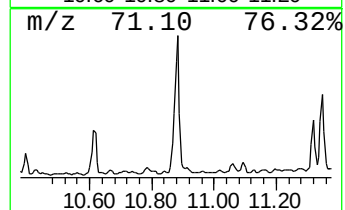
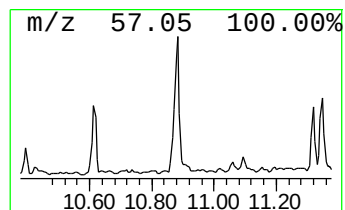
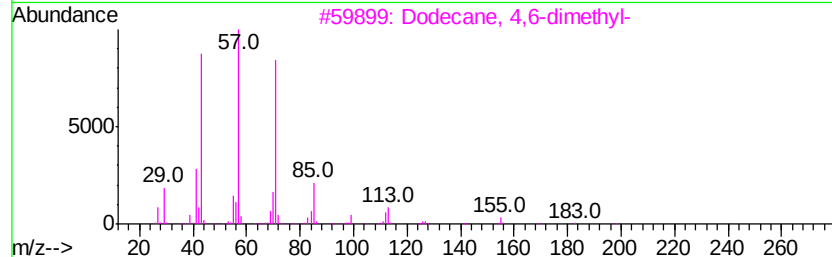
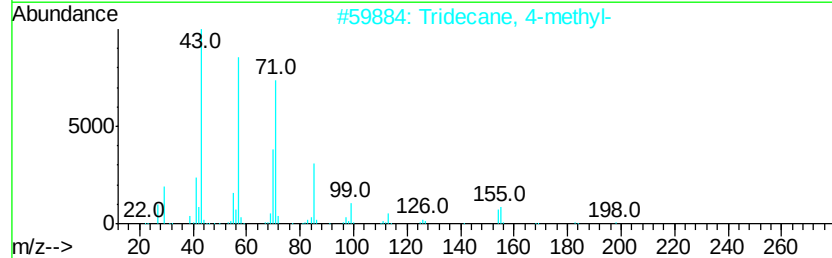
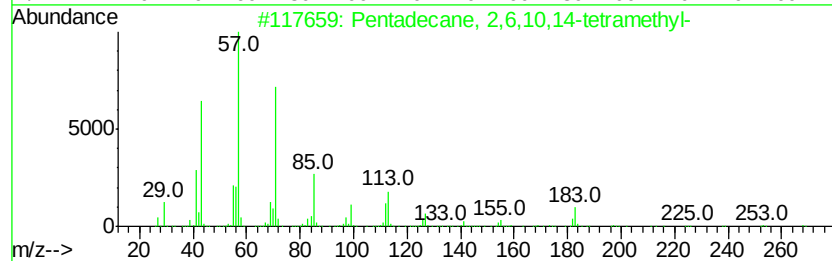
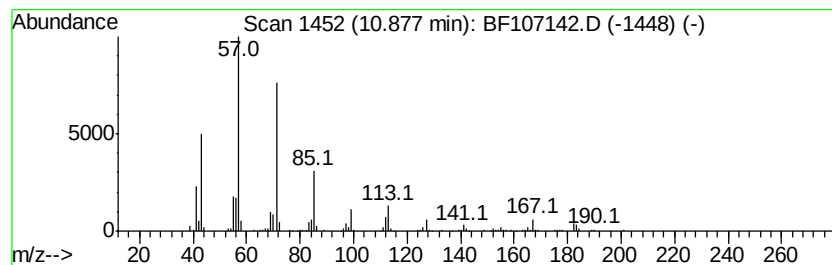
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	30.05 ng	559043	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
4		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	74
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107142.D
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Operator : JU/SJ
Sample : J3815-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

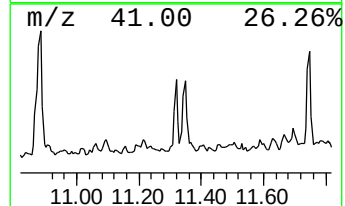
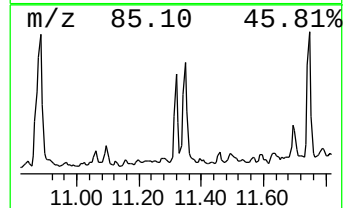
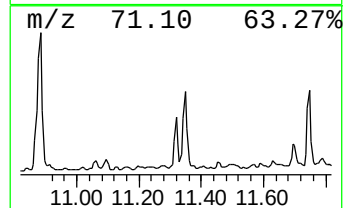
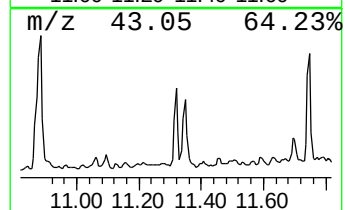
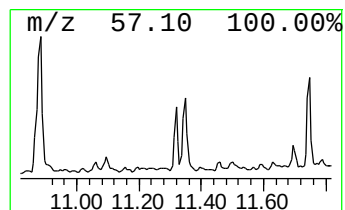
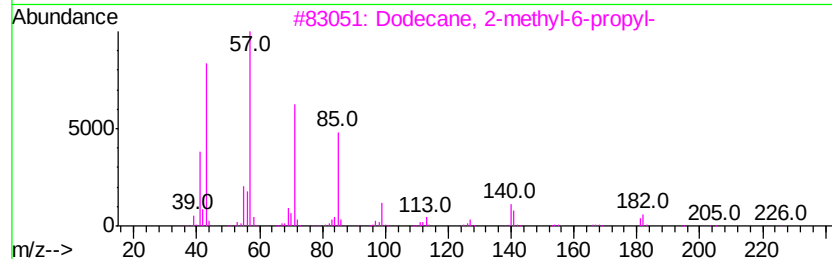
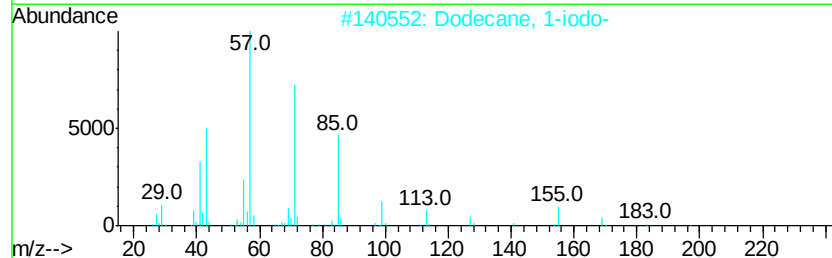
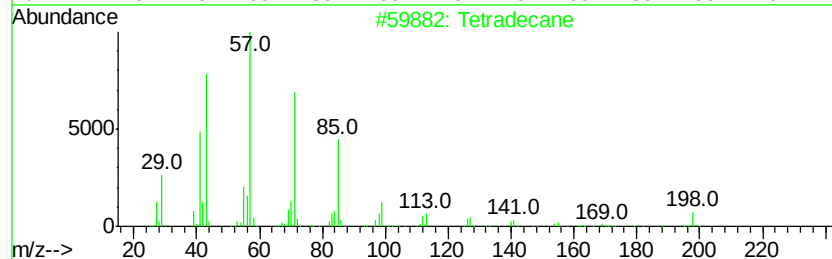
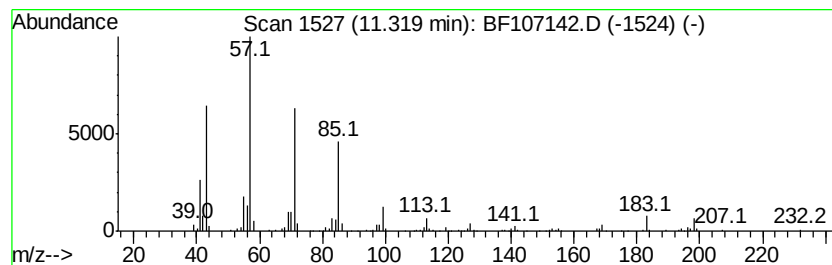
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.32	9.54 ng	177386	Phenanthrene-d10		11.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	89
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107142.D
Acq On : 5 Jul 2018 22:15
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Sample : J3815-01
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Instrument :
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ClientSampleId :
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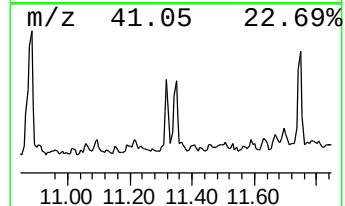
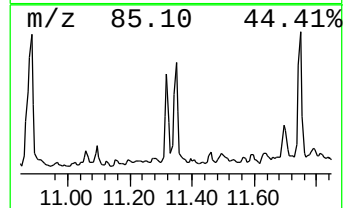
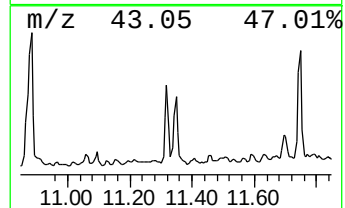
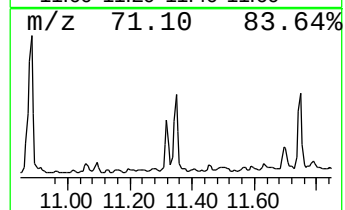
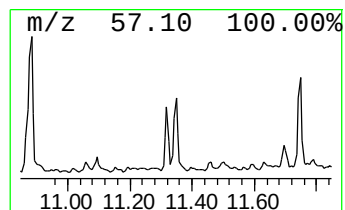
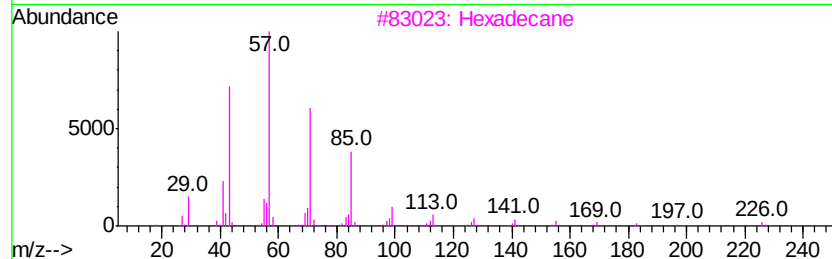
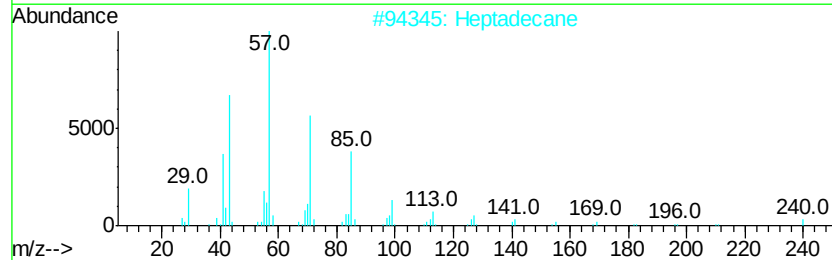
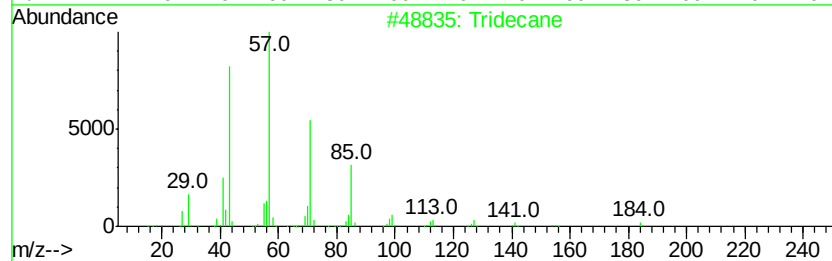
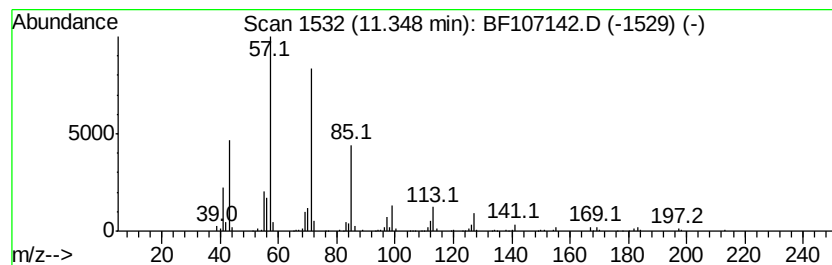
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	12.15 ng	225940	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	91
2	Heptadecane		240	C17H36	000629-78-7	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86
5	Heptacosane		380	C27H56	000593-49-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107142.D
Acq On : 5 Jul 2018 22:15
Operator : JU/SJ
Sample : J3815-01
Misc :
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Instrument :
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ClientSampleId :
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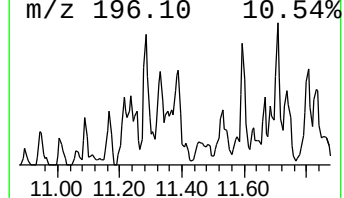
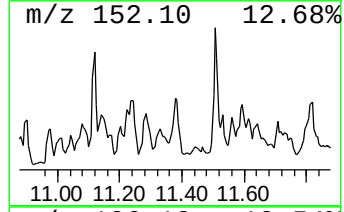
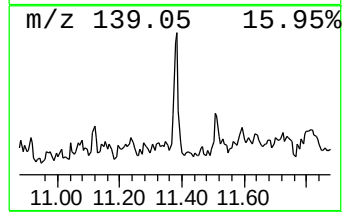
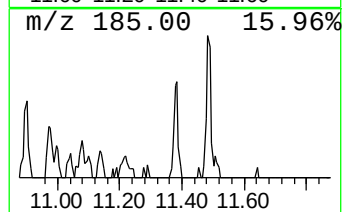
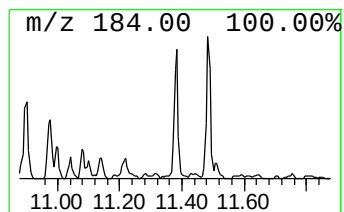
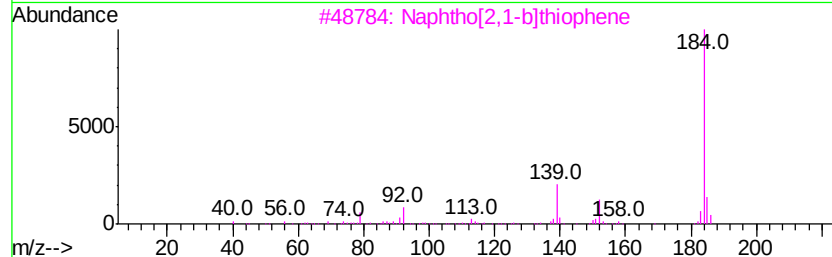
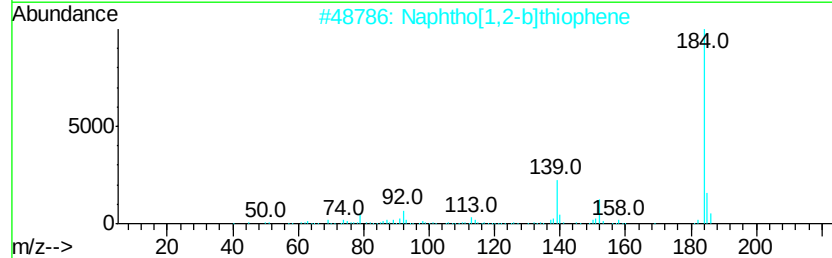
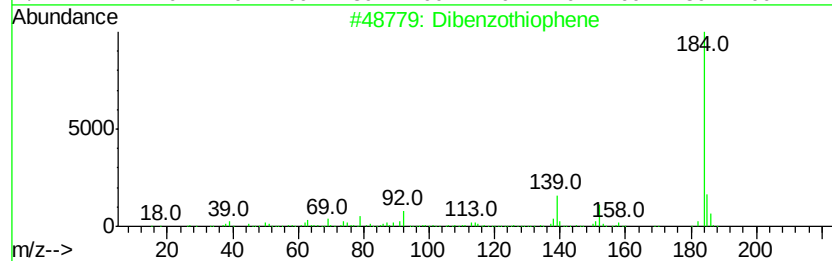
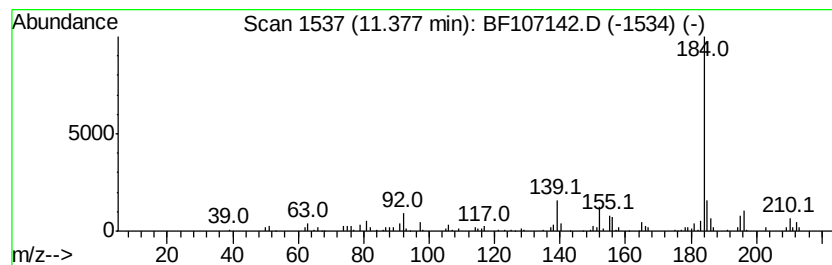
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	7.97 ng	148260	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	95
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	89
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	81
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107142.D
Acq On : 5 Jul 2018 22:15
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Sample : J3815-01
Misc :
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Instrument :
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ClientSampleId :
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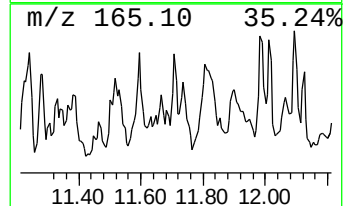
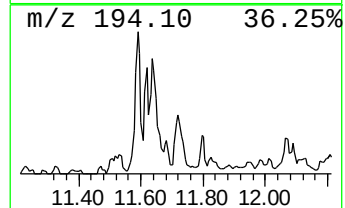
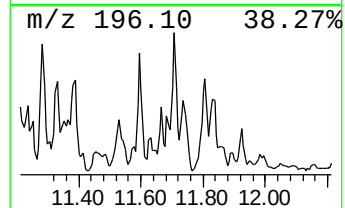
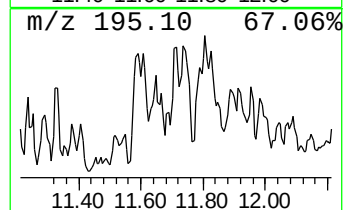
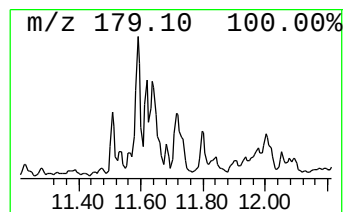
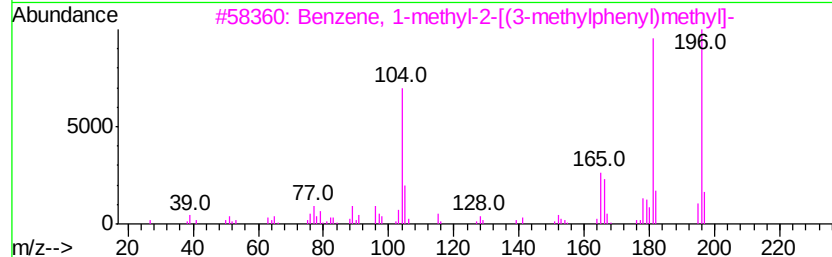
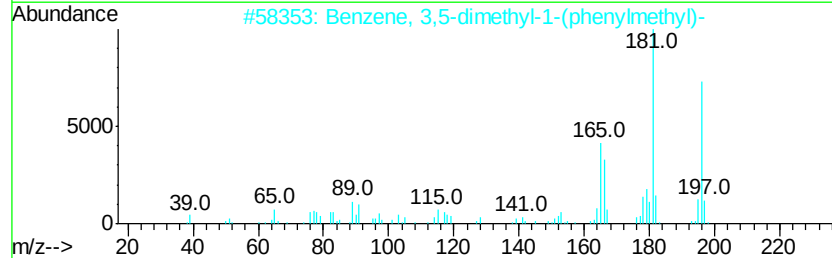
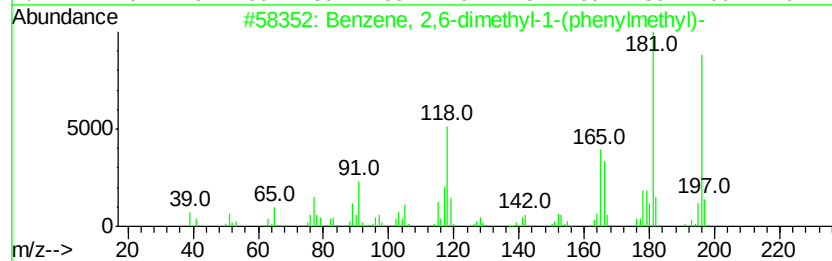
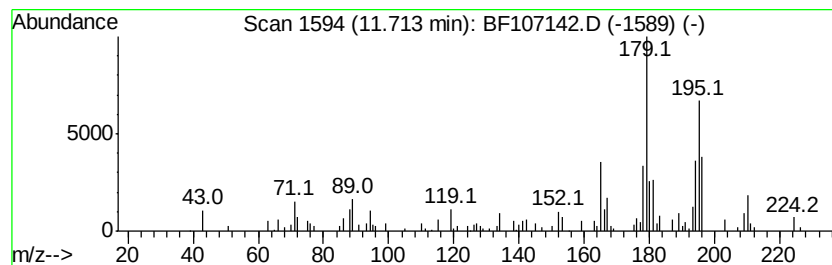
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 2,6-dimethyl-1-(ph... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	8.42 ng	156633	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,6-dimethyl-1-(phenylm...	196	C15H16	028122-29-4	86
2		Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	86
3		Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	64
4		1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	58
5		Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
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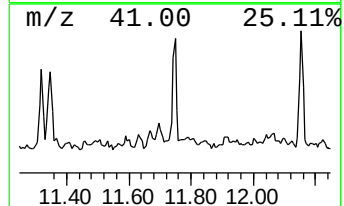
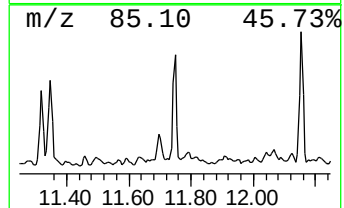
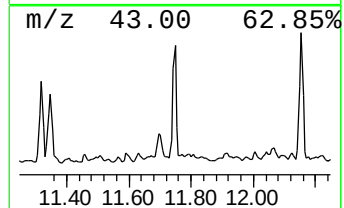
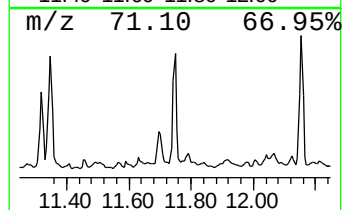
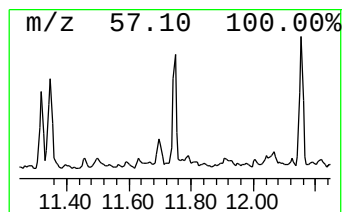
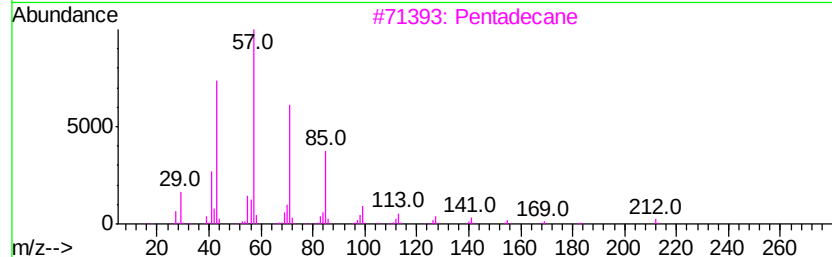
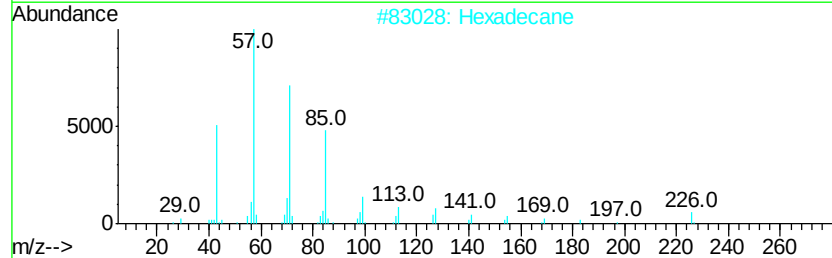
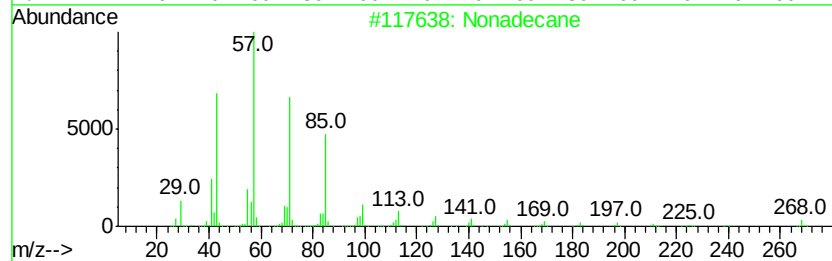
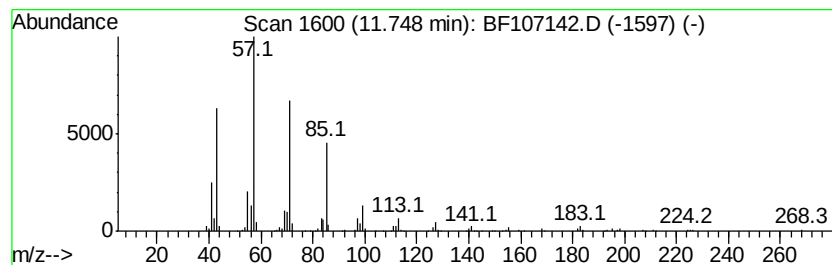
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	14.40 ng	267913	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Hexadecane	226	C16H34	000544-76-3	94
3	Pentadecane	212	C15H32	000629-62-9	91
4	Decane, 5-propyl-	184	C13H28	017312-62-8	90
5	Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107142.D
Acq On : 5 Jul 2018 22:15
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Sample : J3815-01
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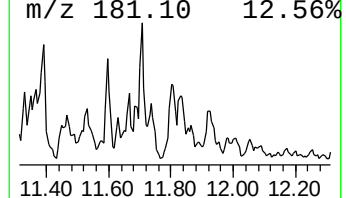
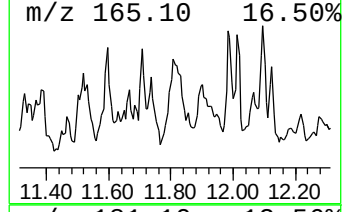
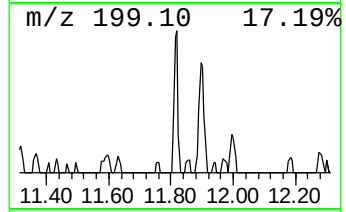
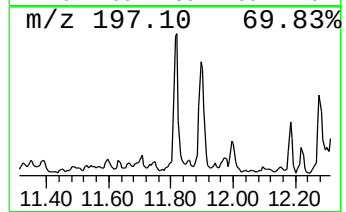
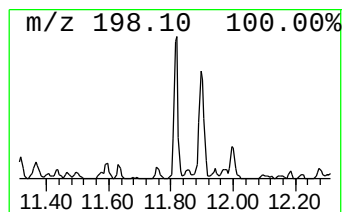
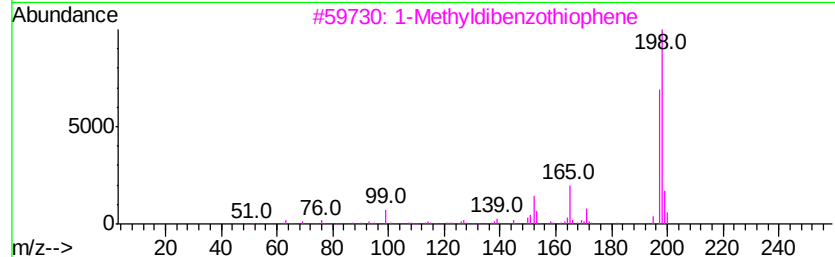
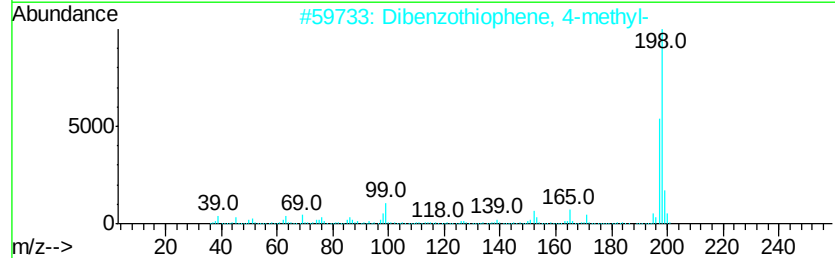
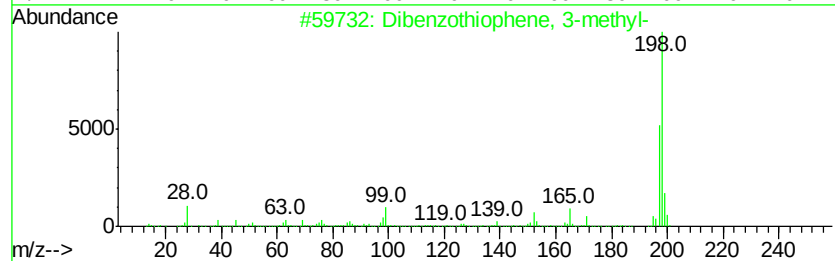
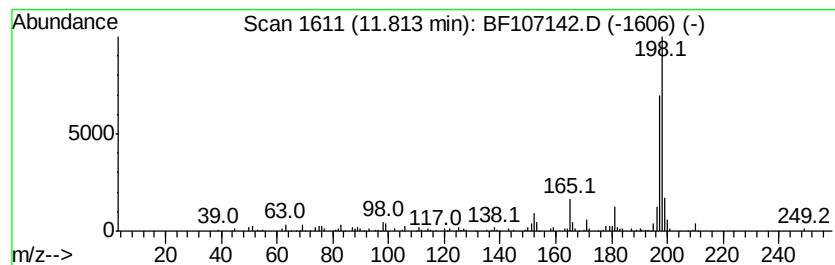
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dibenzothiophene, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	13.56 ng	252245	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
2		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
3		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	81
4		4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	81
5		Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72



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Sample : J3815-01
Misc :
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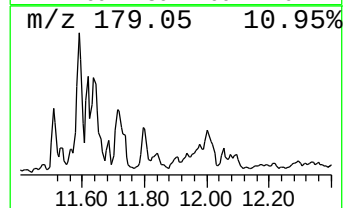
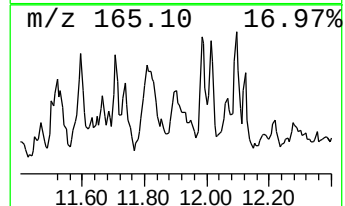
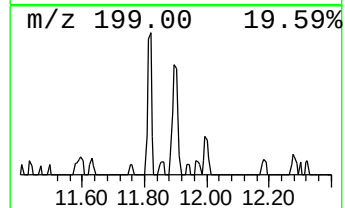
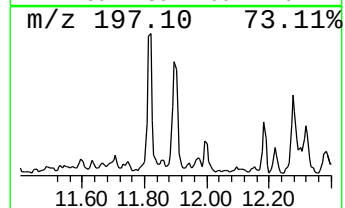
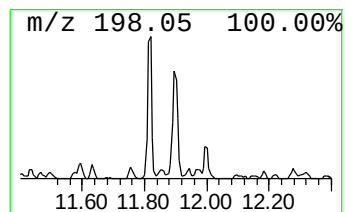
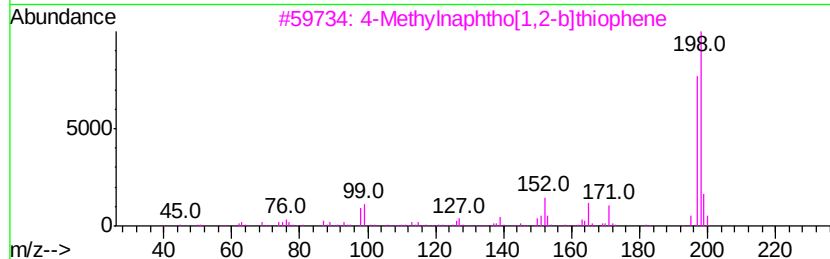
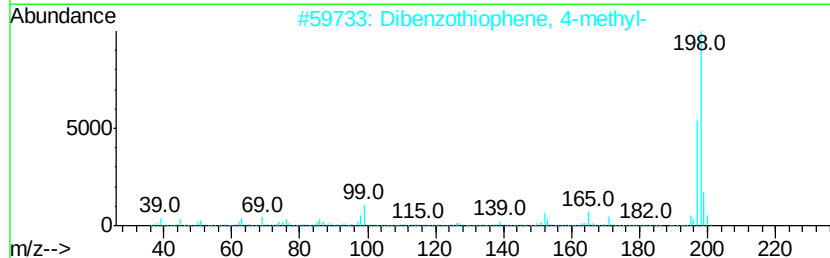
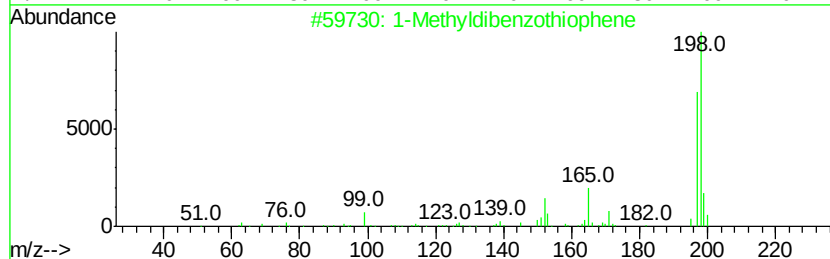
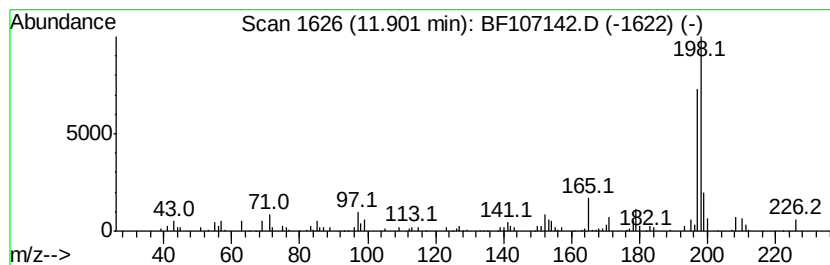
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1-Methyldibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	7.73 ng	143843	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	91
2		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
3		4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	87
4		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	76



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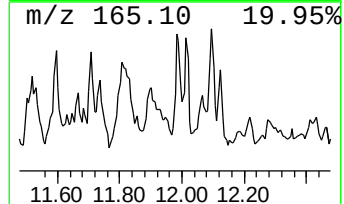
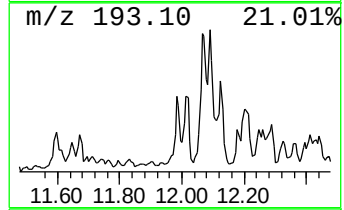
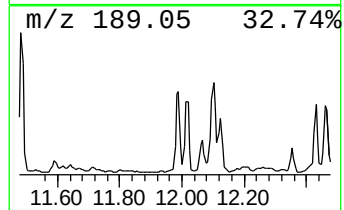
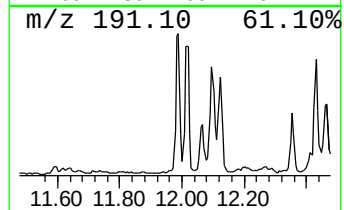
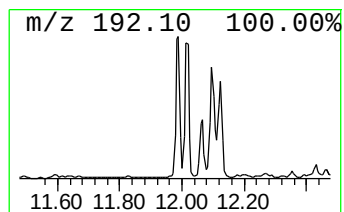
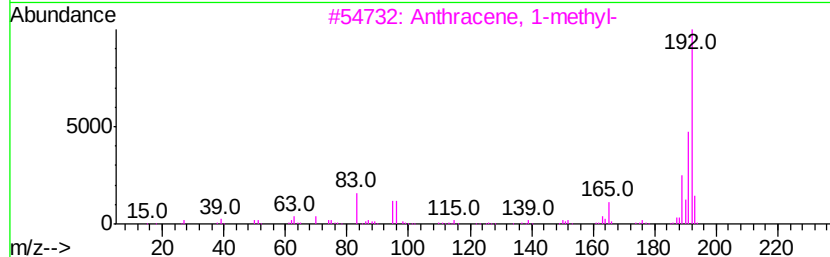
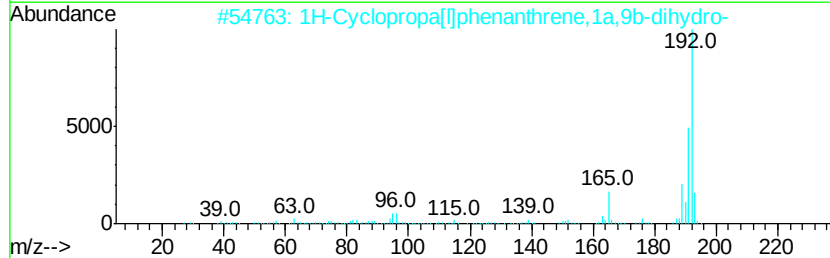
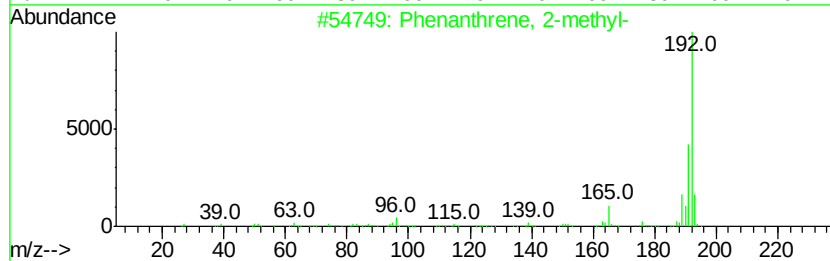
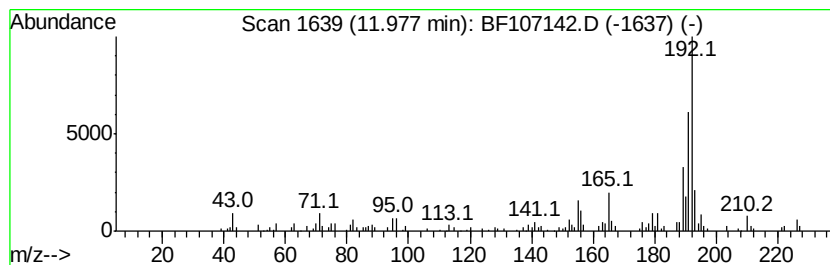
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	10.36 ng	192649	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107142.D
Acq On : 5 Jul 2018 22:15
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Sample : J3815-01
Misc :
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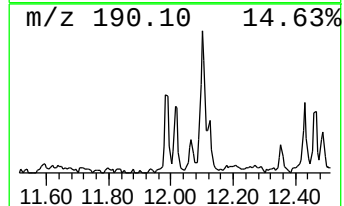
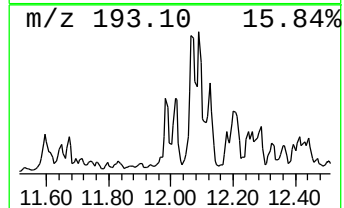
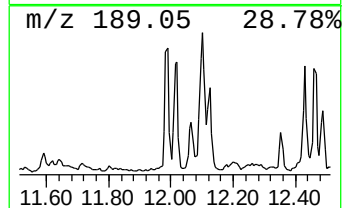
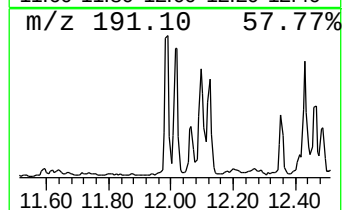
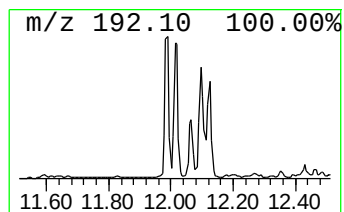
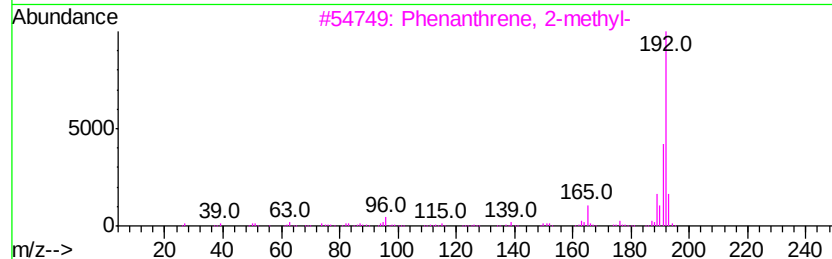
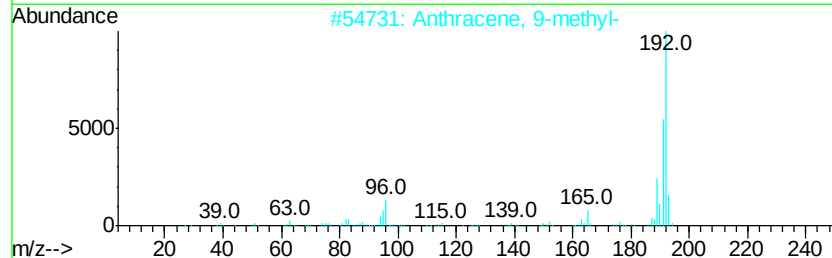
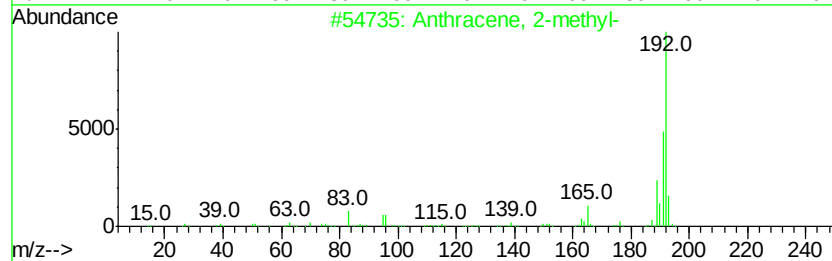
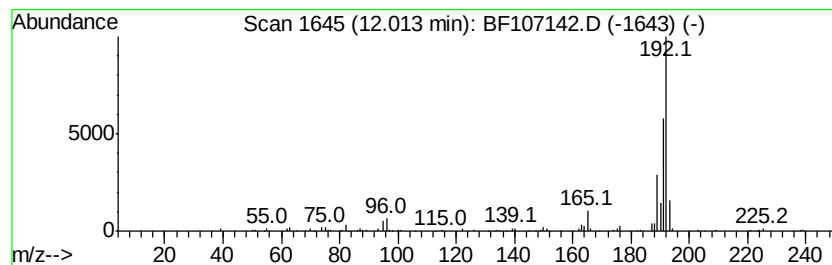
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	8.46 ng	157310	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
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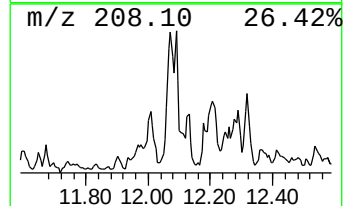
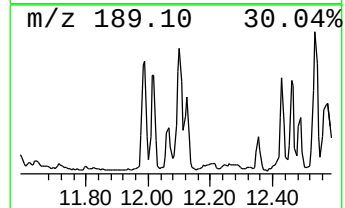
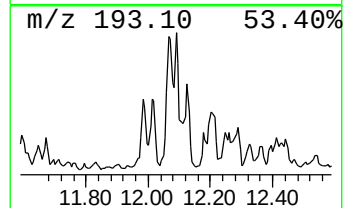
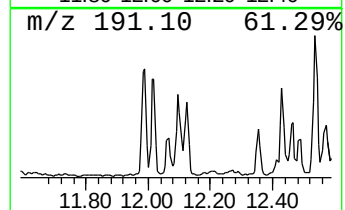
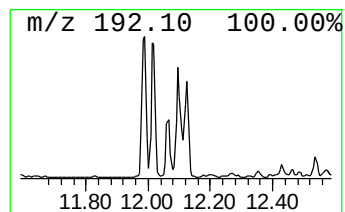
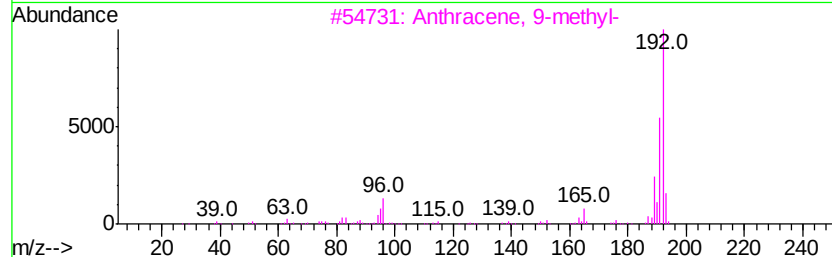
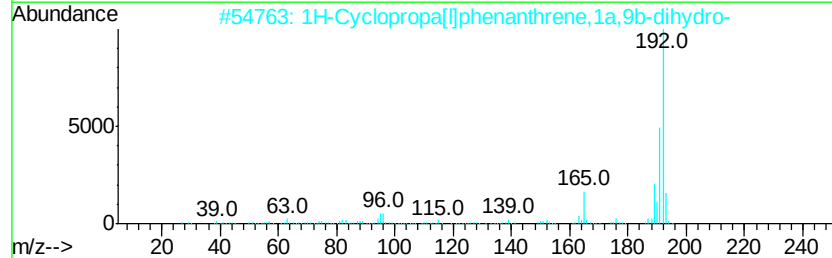
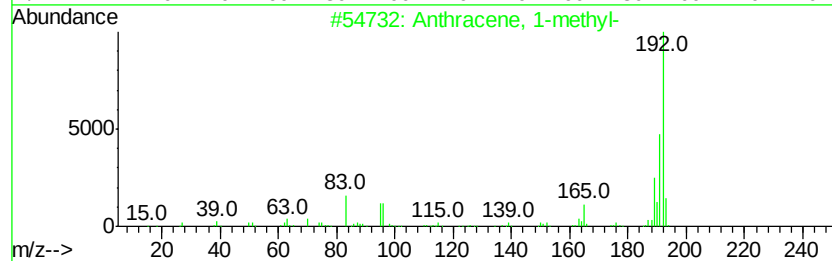
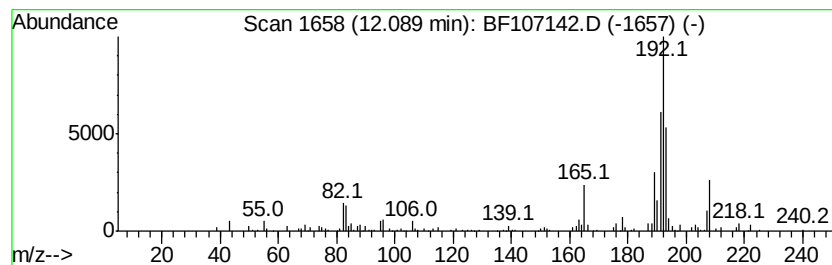
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	9.77 ng	181696	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	64
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	58
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	52



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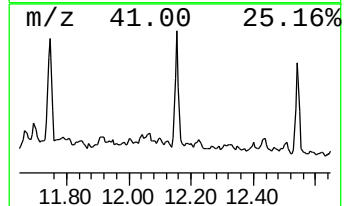
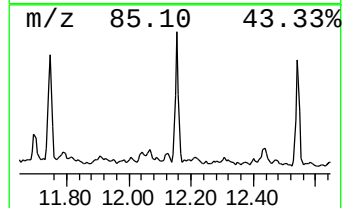
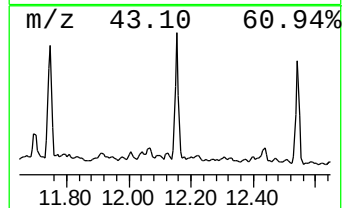
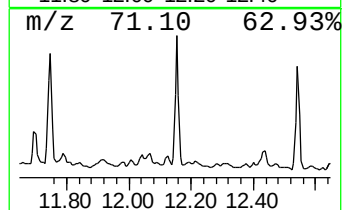
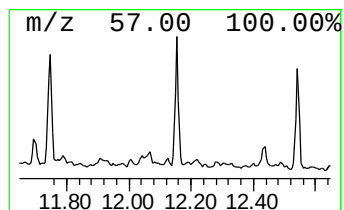
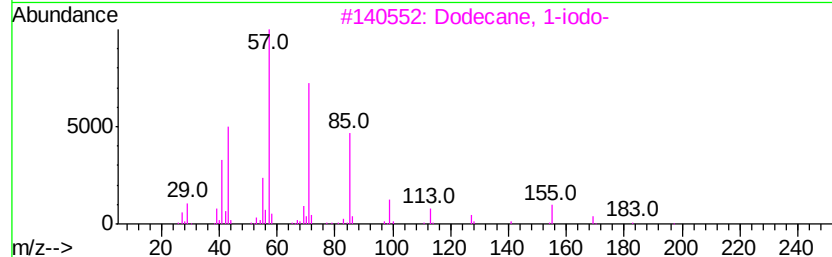
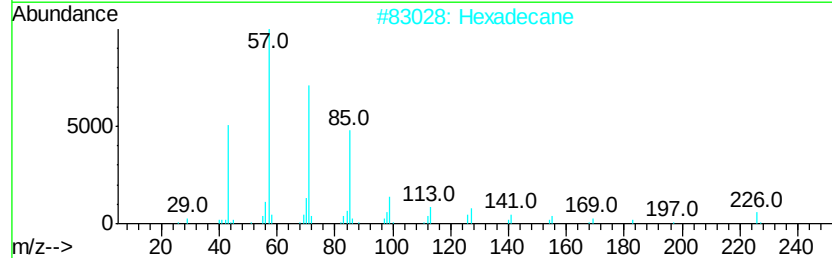
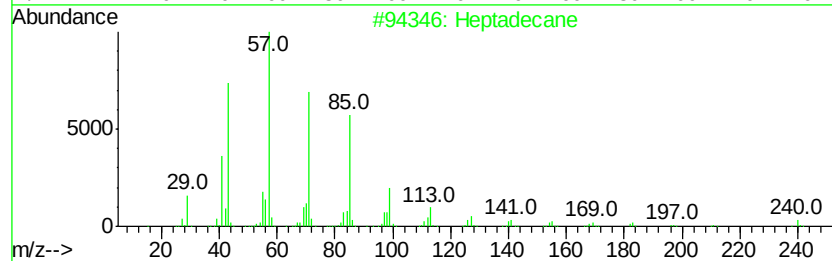
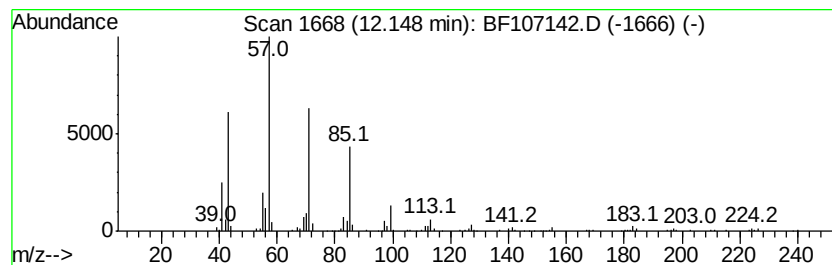
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	12.75 ng	237078	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Hexadecane	226	C16H34	000544-76-3	94
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Heneicosane	296	C21H44	000629-94-7	81
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76



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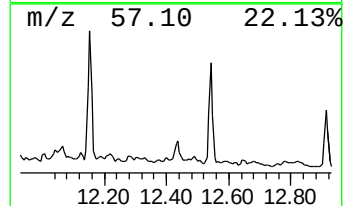
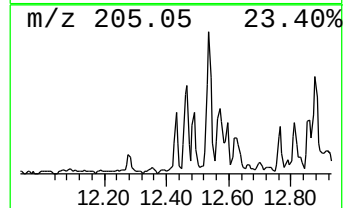
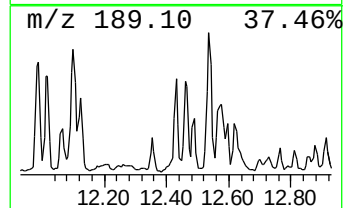
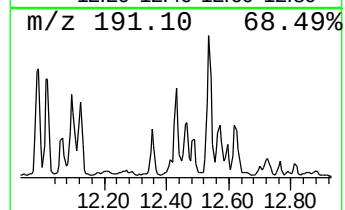
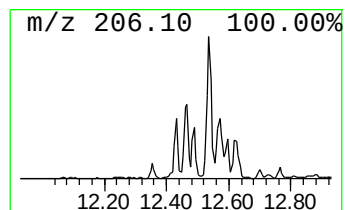
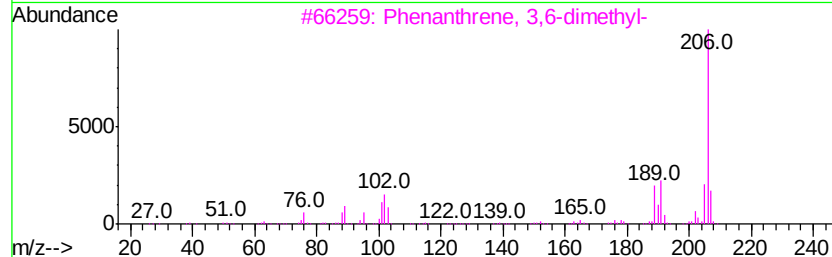
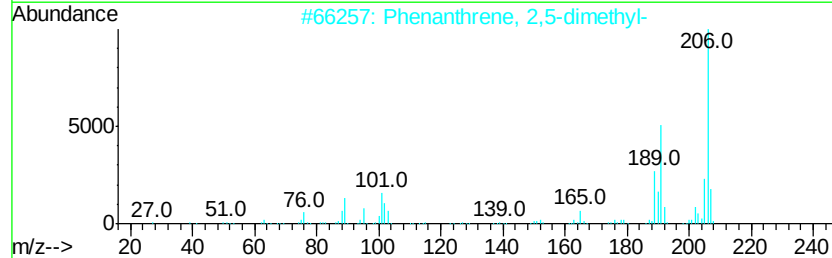
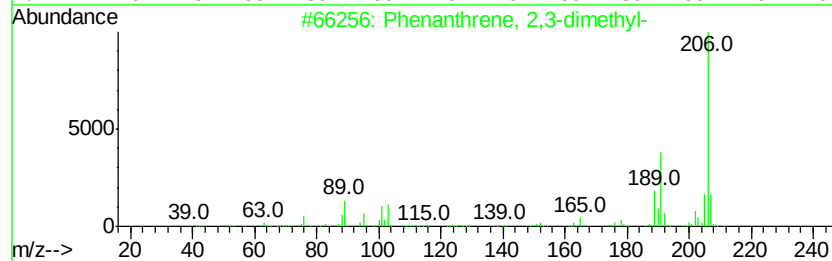
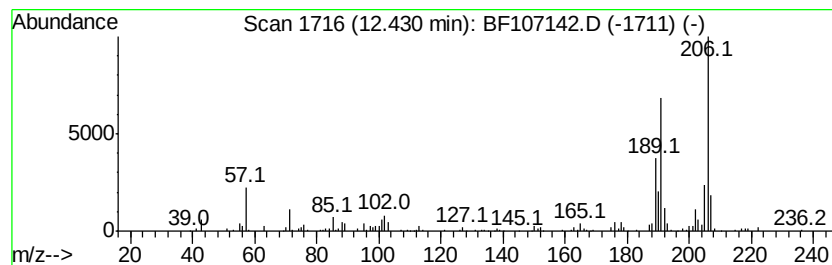
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenanthrene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	12.88 ng	239541	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90



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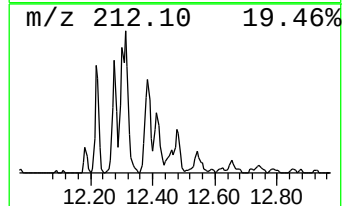
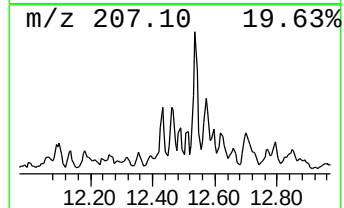
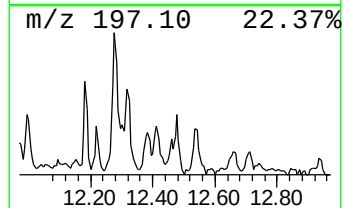
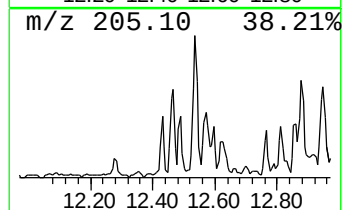
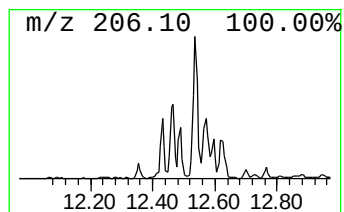
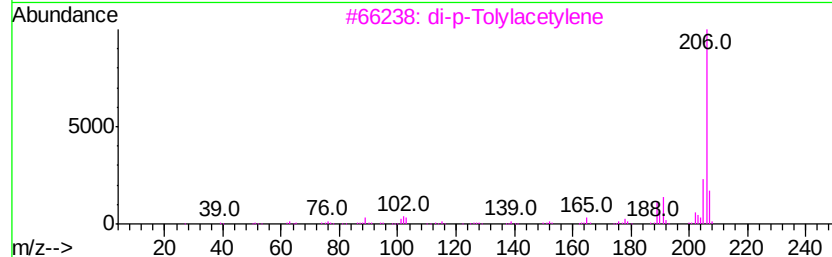
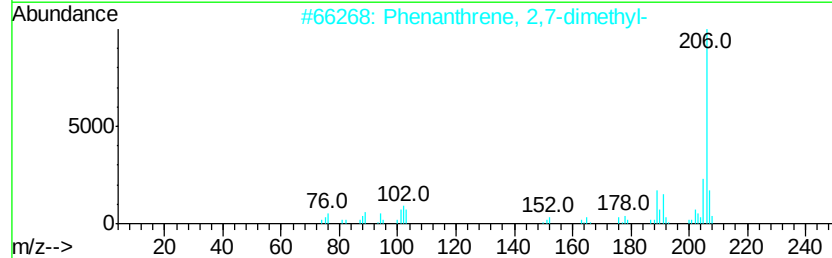
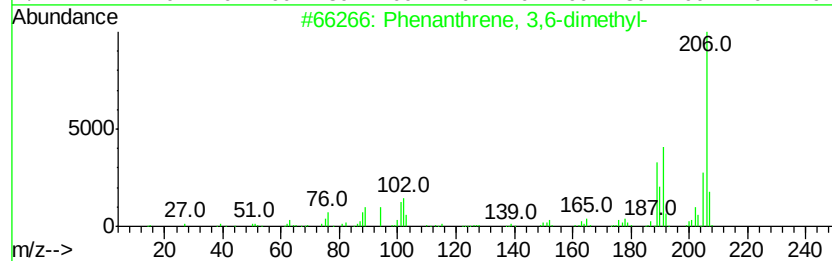
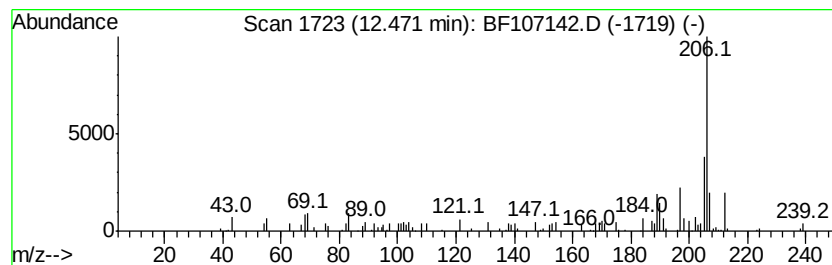
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	8.31 ng	154579	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
5			1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107142.D
Acq On : 5 Jul 2018 22:15
Operator : JU/SJ
Sample : J3815-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
964

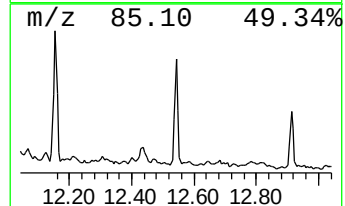
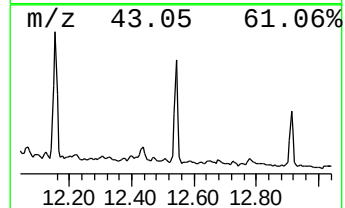
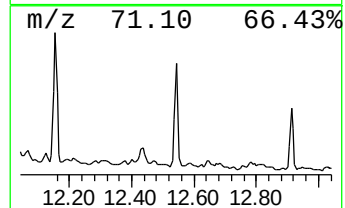
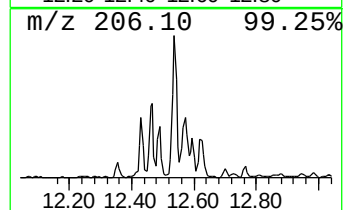
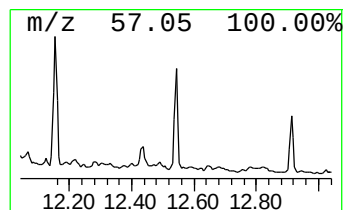
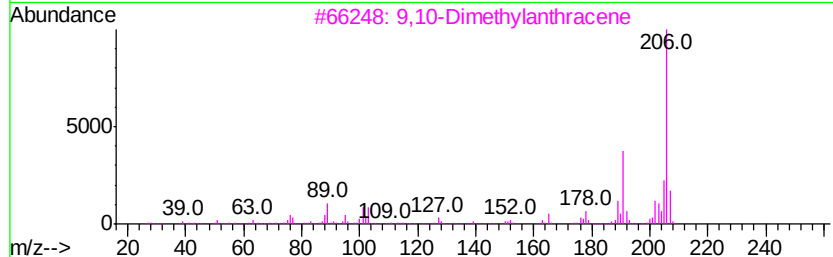
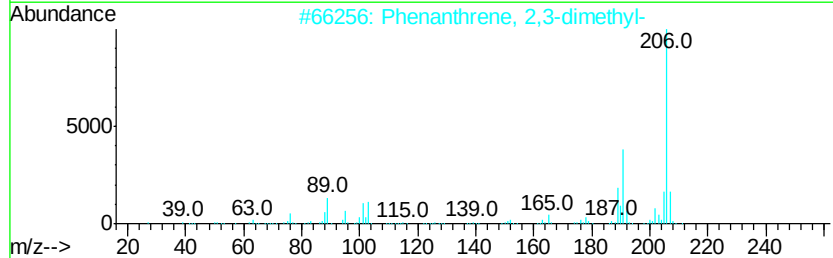
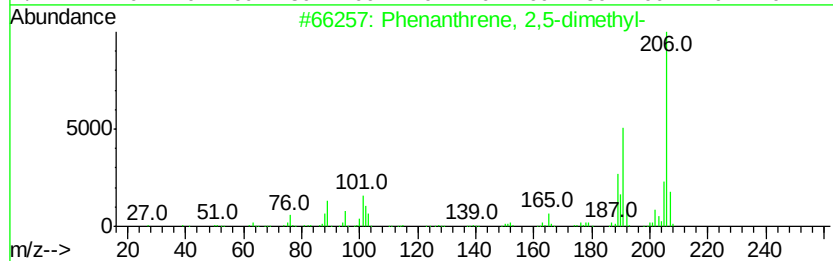
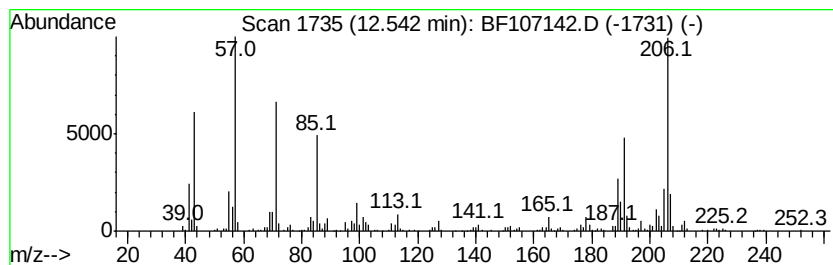
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	26.74 ng	497309	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107142.D
 Acq On : 5 Jul 2018 22:15
 Operator : JU/SJ
 Sample : J3815-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 964

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
2-Pentanone, 4-hy...	5.18	7.4	ng	117337	1	6.95	316648	20.0
unknown6.72	6.72	60.6	ng	959440	1	6.95	316648	20.0
Dodecane	10.61	10.2	ng	201055	3	9.99	394732	20.0
Pentadecane, 2,6,...	10.88	30.1	ng	559043	4	11.48	372015	20.0
Tetradecane	11.32	9.5	ng	177386	4	11.48	372015	20.0
Tridecane	11.35	12.2	ng	225940	4	11.48	372015	20.0
Dibenzothiophene	11.38	8.0	ng	148260	4	11.48	372015	20.0
Benzene, 2,6-dime...	11.71	8.4	ng	156633	4	11.48	372015	20.0
Nonadecane	11.75	14.4	ng	267913	4	11.48	372015	20.0
Dibenzothiophene,...	11.81	13.6	ng	252245	4	11.48	372015	20.0
1-Methyldibenzoth...	11.90	7.7	ng	143843	4	11.48	372015	20.0
Phenanthrene, 2-m...	11.98	10.4	ng	192649	4	11.48	372015	20.0
Anthracene, 2-met...	12.01	8.5	ng	157310	4	11.48	372015	20.0
Anthracene, 1-met...	12.09	9.8	ng	181696	4	11.48	372015	20.0
Heptadecane	12.15	12.8	ng	237078	4	11.48	372015	20.0
Phenanthrene, 2,3...	12.43	12.9	ng	239541	4	11.48	372015	20.0
Phenanthrene, 3,6...	12.47	8.3	ng	154579	4	11.48	372015	20.0
Phenanthrene, 2,5...	12.54	26.7	ng	497309	4	11.48	372015	20.0