

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
 Data File : BF111018.D
 Acq On : 27 Nov 2018 19:09
 Operator : JU/SJ
 Sample : J6051-02 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-02

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-BF112618.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	2.193	14	18	28	rVB2	13850	24152	4.20%	0.400%
2	5.581	591	594	615	rBV2	26235	69605	12.12%	1.154%
3	6.592	763	766	771	rBV2	28432	57712	10.05%	0.957%
4	6.722	784	788	800	rVB	63736	94309	16.42%	1.563%
5	6.939	822	825	838	rBV	244587	265996	46.30%	4.410%
6	7.098	848	852	867	rBV	52389	75469	13.14%	1.251%
7	7.528	922	925	939	rBV	16652	41542	7.23%	0.689%
8	8.222	1040	1043	1065	rBV	263994	358806	62.46%	5.948%
9	9.298	1223	1226	1240	rBV	70560	80521	14.02%	1.335%
10	9.398	1240	1243	1249	rVB3	6780	5906	1.03%	0.098%
11	9.698	1291	1294	1296	rBV2	6377	6033	1.05%	0.100%
12	9.845	1316	1319	1330	rBV	56683	54337	9.46%	0.901%
13	9.939	1332	1335	1338	rVV	23060	16790	2.92%	0.278%
14	9.980	1338	1342	1356	rVB2	340870	350534	61.02%	5.811%
15	10.198	1374	1379	1383	rBV	5025	7589	1.32%	0.126%
16	10.386	1409	1411	1416	rBB	11518	8924	1.55%	0.148%
17	10.539	1434	1437	1445	rVB	19840	23293	4.05%	0.386%
18	10.786	1473	1479	1488	rBB3	38876	46046	8.01%	0.763%
19	11.086	1525	1530	1533	rBV	5719	5838	1.02%	0.097%
20	11.304	1562	1567	1570	rBV5	8455	12163	2.12%	0.202%
21	11.375	1577	1579	1583	rVB	10092	9451	1.65%	0.157%
22	11.480	1593	1597	1599	rBV	345803	348208	60.61%	5.772%
23	11.504	1599	1601	1607	rVV	243461	219056	38.13%	3.631%
24	11.563	1607	1611	1618	rVB	62900	72228	12.57%	1.197%
25	11.733	1633	1640	1643	rBV3	10919	14667	2.55%	0.243%
26	11.816	1652	1654	1660	rVB4	8064	9544	1.66%	0.158%
27	11.898	1664	1668	1672	rBV	6177	7570	1.32%	0.125%
28	11.980	1679	1682	1685	rBV	33957	31719	5.52%	0.526%
29	12.016	1685	1688	1692	rVV	35505	35933	6.25%	0.596%
30	12.063	1693	1696	1698	rVV	15179	13647	2.38%	0.226%
31	12.098	1698	1702	1704	rVV2	66855	73707	12.83%	1.222%
32	12.116	1704	1705	1713	rVB2	23405	26846	4.67%	0.445%
33	12.274	1729	1732	1735	rBV	29028	25451	4.43%	0.422%
34	12.327	1739	1741	1746	rVB2	12555	13006	2.26%	0.216%

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35	12.422	1752	1757	1759	rBV2	6128	8556	1.49%	0.142%
36	12.457	1759	1763	1765	rBV2	10195	8595	1.50%	0.142%
37	12.504	1770	1771	1773	rVV2	7756	7576	1.32%	0.126%
38	12.527	1773	1775	1778	rVV	30969	31015	5.40%	0.514%
39	12.569	1778	1782	1785	rVV3	14856	24491	4.26%	0.406%
40	12.598	1785	1787	1789	rVV2	19890	17585	3.06%	0.292%
41	12.616	1789	1790	1792	rVV2	7700	8078	1.41%	0.134%
42	12.639	1792	1794	1800	rVB2	21067	22700	3.95%	0.376%
43	12.698	1800	1804	1809	rBV	426551	398517	69.37%	6.606%
44	12.757	1812	1814	1818	rVV3	5456	5861	1.02%	0.097%
45	12.798	1818	1821	1826	rVB	37852	36142	6.29%	0.599%
46	12.857	1826	1831	1833	rBV2	20911	26800	4.66%	0.444%
47	12.874	1833	1834	1837	rVV	9815	6122	1.07%	0.101%
48	12.910	1837	1840	1841	rVV	48609	39473	6.87%	0.654%
49	12.933	1841	1844	1849	rVV	411873	364239	63.40%	6.038%
50	12.980	1849	1852	1855	rVB	19544	18864	3.28%	0.313%
51	13.057	1862	1865	1869	rBV	116357	97761	17.02%	1.621%
52	13.151	1877	1881	1885	rVB2	27297	39845	6.94%	0.661%
53	13.186	1885	1887	1892	rBV3	9793	14194	2.47%	0.235%
54	13.257	1892	1899	1905	rVB	57730	97080	16.90%	1.609%
55	13.304	1905	1907	1908	rBV	7861	7085	1.23%	0.117%
56	13.327	1908	1911	1914	rVV	51147	47842	8.33%	0.793%
57	13.368	1914	1918	1925	rVV2	39013	54073	9.41%	0.896%
58	13.433	1925	1929	1931	rVV5	9221	14632	2.55%	0.243%
59	13.463	1931	1934	1936	rVV	29328	30929	5.38%	0.513%
60	13.492	1936	1939	1947	rVB2	29324	41727	7.26%	0.692%
61	13.598	1955	1957	1960	rBV3	7408	8441	1.47%	0.140%
62	13.663	1965	1968	1970	rBV3	6039	6287	1.09%	0.104%
63	13.786	1986	1989	1991	rVB2	16542	16794	2.92%	0.278%
64	13.868	2000	2003	2004	rBV2	7176	7756	1.35%	0.129%
65	13.886	2004	2006	2008	rVV2	37305	37817	6.58%	0.627%
66	13.904	2008	2009	2012	rVV	37893	31692	5.52%	0.525%
67	13.939	2012	2015	2022	rVV3	32459	55151	9.60%	0.914%
68	13.998	2022	2025	2029	rVB	21741	28705	5.00%	0.476%
69	14.057	2030	2035	2040	rBV2	10081	18438	3.21%	0.306%
70	14.133	2041	2048	2051	rBV2	416571	574502	100.00%	9.524%
71	14.163	2051	2053	2059	rVB	169373	162872	28.35%	2.700%

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72	14.221	2061	2063	2065	rBV3	9381	8541	1.49%	0.142%
73	14.245	2065	2067	2070	rVB2	24826	19820	3.45%	0.329%
74	14.304	2073	2077	2081	rBV3	28297	32989	5.74%	0.547%
75	14.480	2105	2107	2110	rBV	7859	6124	1.07%	0.102%
76	14.521	2110	2114	2117	rBV	42282	55321	9.63%	0.917%
77	14.557	2117	2120	2123	rVB2	26814	30257	5.27%	0.502%
78	14.598	2124	2127	2130	rBV4	13120	17335	3.02%	0.287%
79	14.657	2135	2137	2139	rBV2	14899	15922	2.77%	0.264%
80	14.868	2170	2173	2176	rBV	24601	26542	4.62%	0.440%
81	15.215	2228	2232	2236	rBV	139204	209882	36.53%	3.479%
82	15.339	2249	2253	2258	rBV	27464	37585	6.54%	0.623%
83	15.545	2284	2288	2292	rVB	58075	73600	12.81%	1.220%
84	15.610	2295	2299	2306	rBV	108393	140244	24.41%	2.325%
85	15.674	2306	2310	2314	rVV	145533	191141	33.27%	3.169%
86	15.710	2314	2316	2322	rVB2	22892	32537	5.66%	0.539%
87	16.062	2372	2376	2383	rVB2	32310	52072	9.06%	0.863%
88	16.592	2461	2466	2472	rBV7	17270	31241	5.44%	0.518%
89	17.280	2578	2583	2590	rVB	32828	64092	11.16%	1.062%
90	17.768	2660	2666	2673	rBV2	24684	62183	10.82%	1.031%

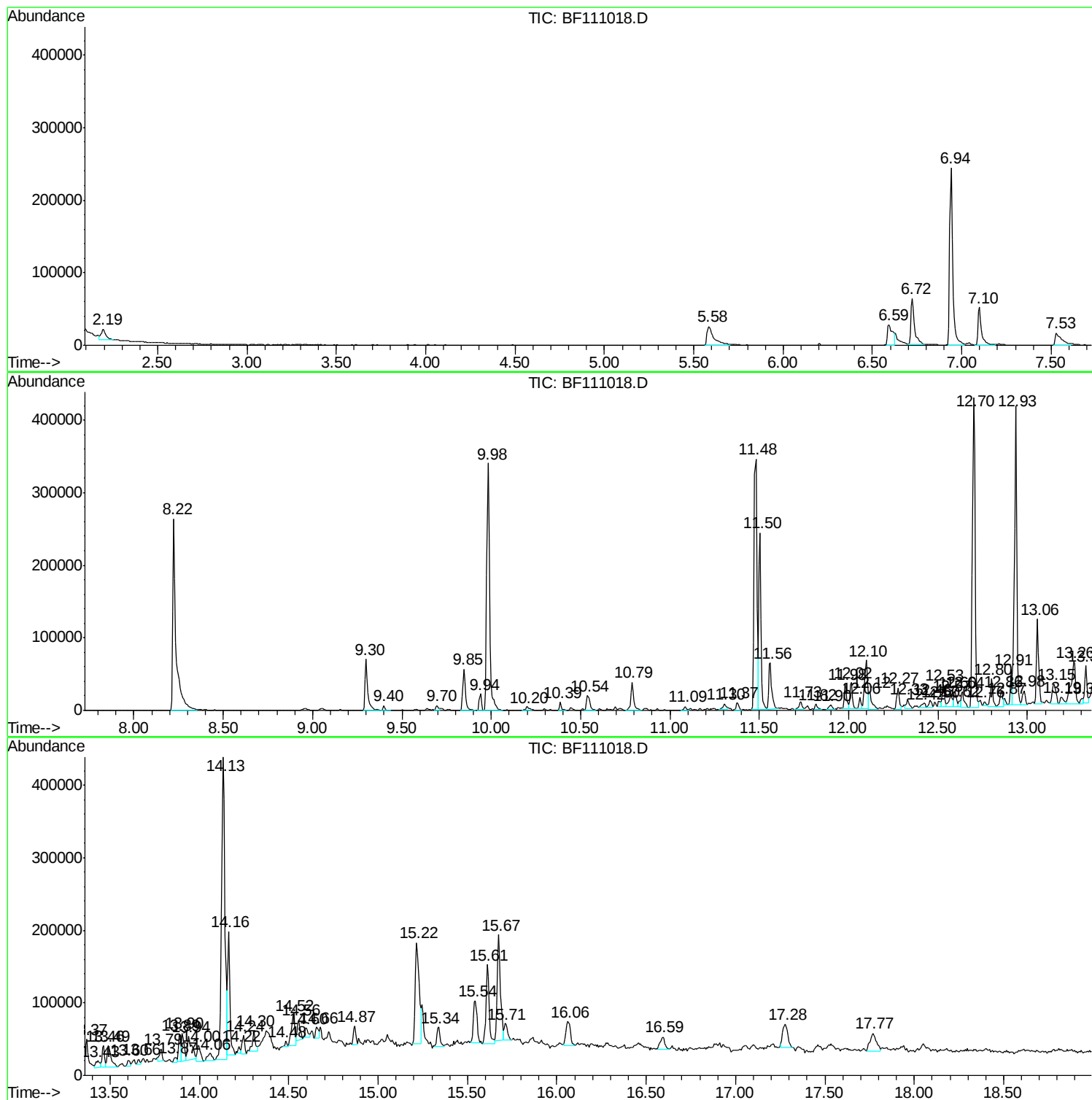
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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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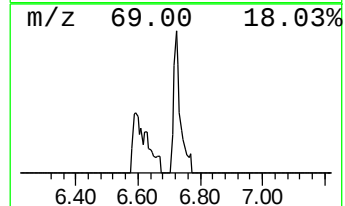
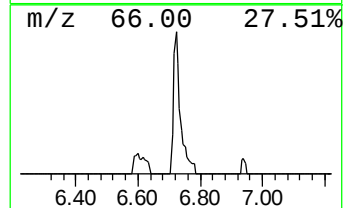
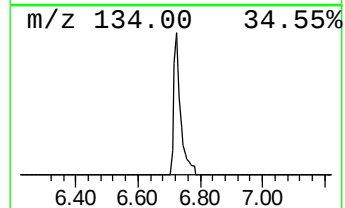
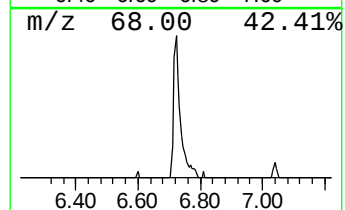
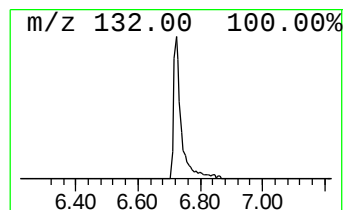
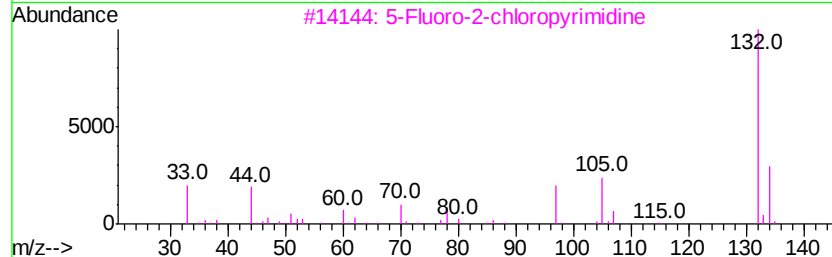
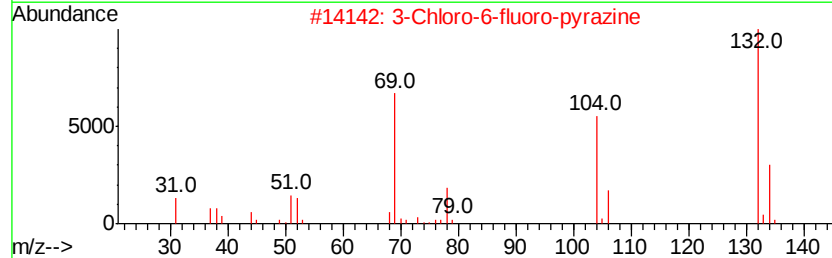
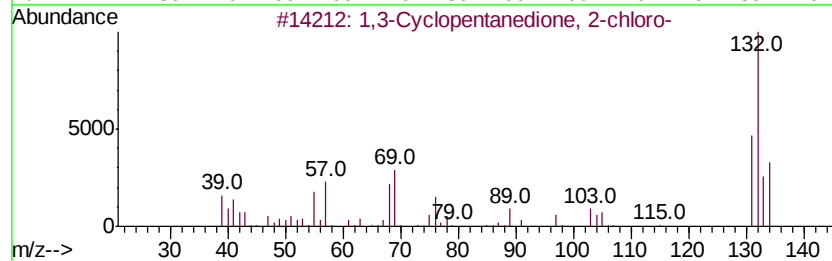
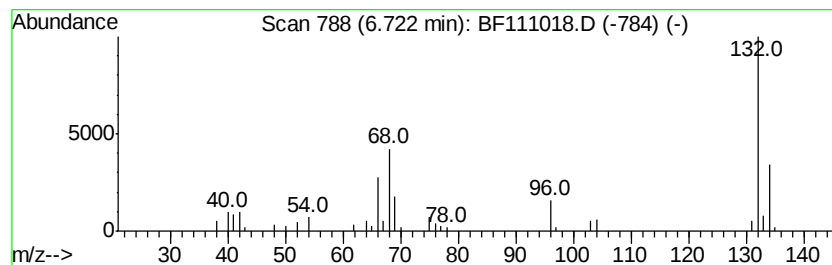
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.72 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	7.09 ng	94309	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
5			5-Aminoindole	132	C8H8N2	005192-03-0	9



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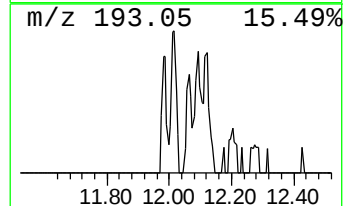
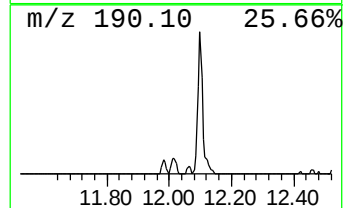
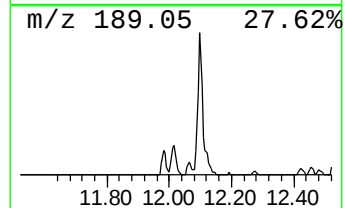
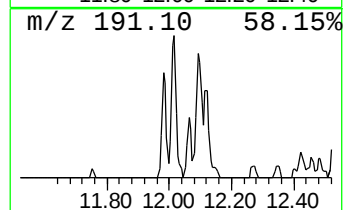
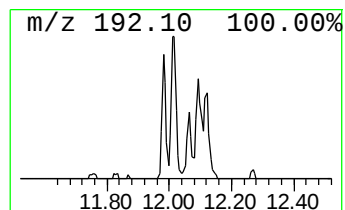
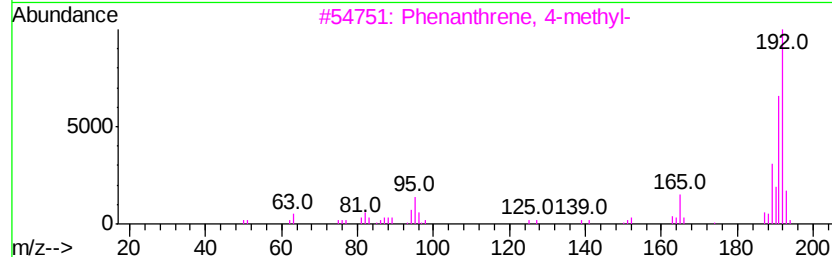
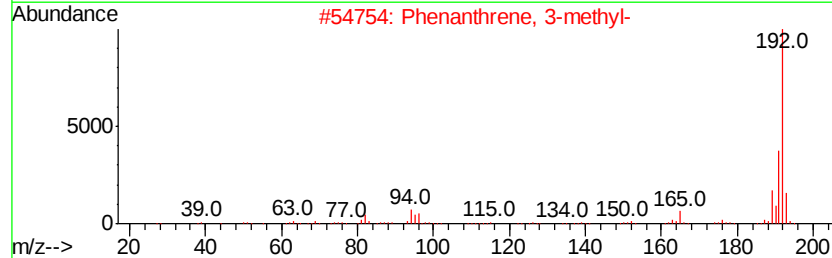
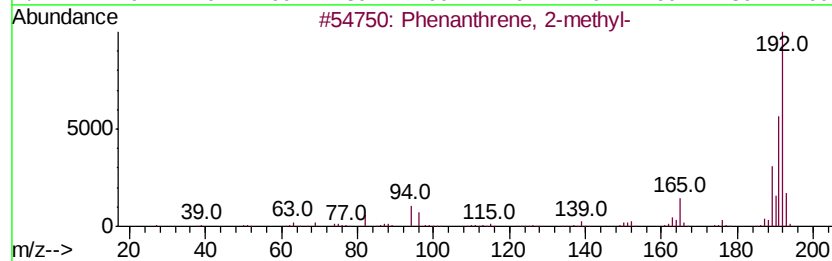
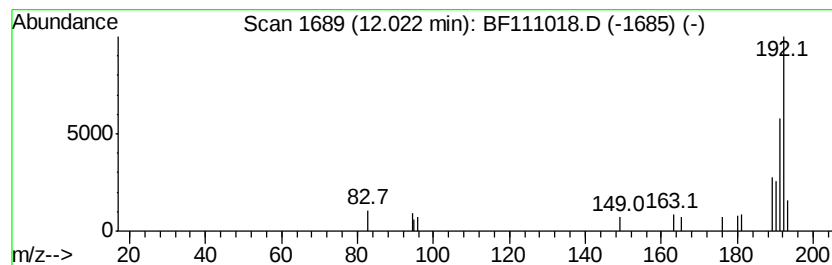
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.06 ng	35933	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



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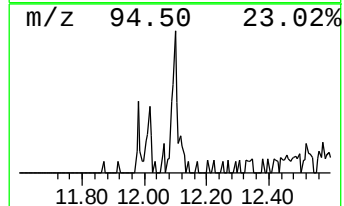
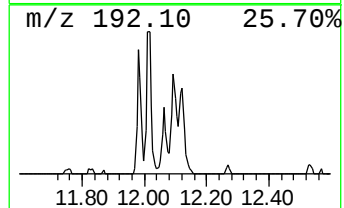
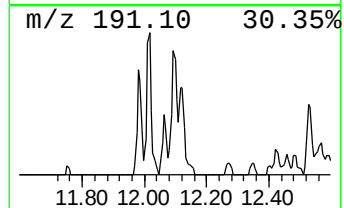
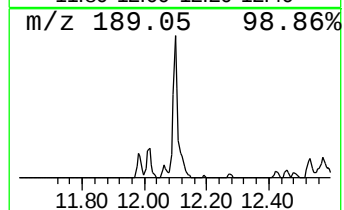
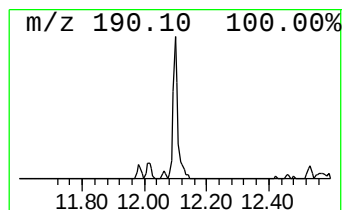
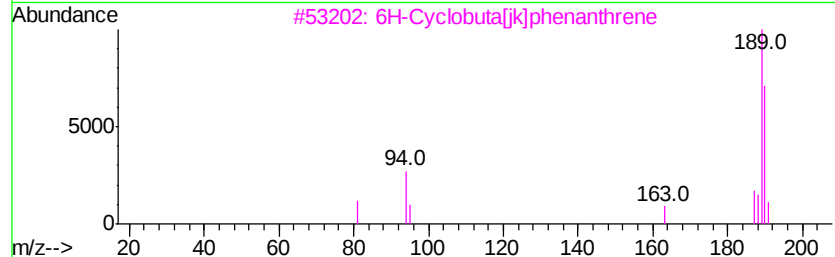
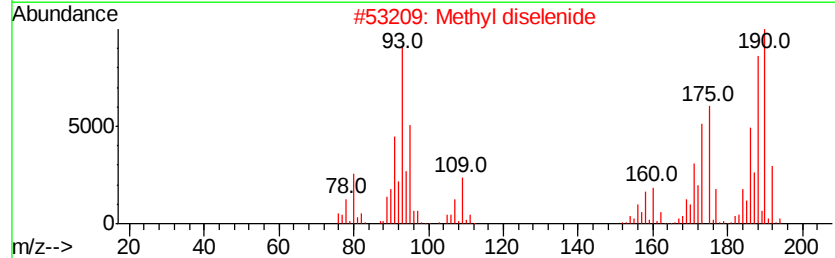
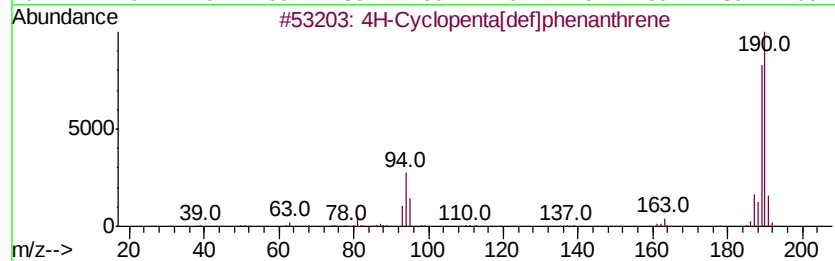
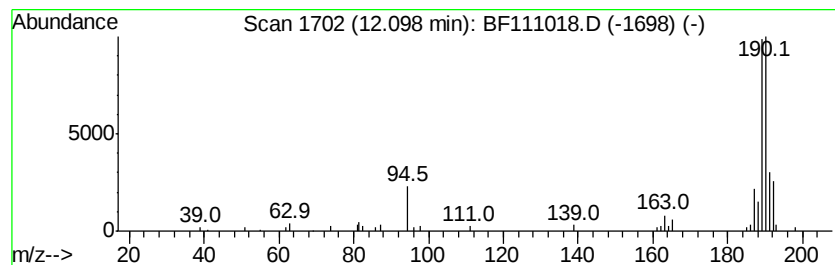
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	4.23 ng	73707	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		Methyl diselenide	190	C2H6Se2	007101-31-7	55
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5		1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23



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SS-02

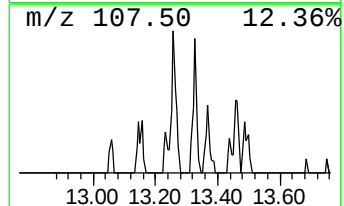
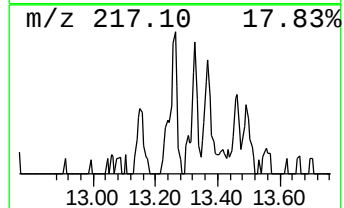
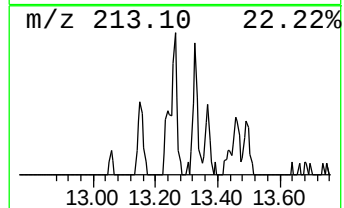
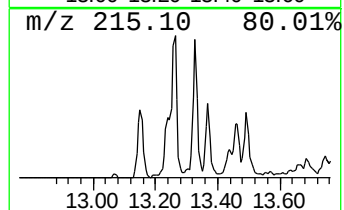
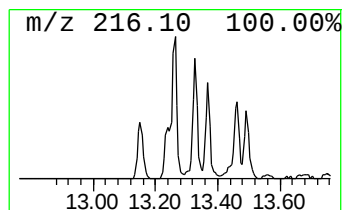
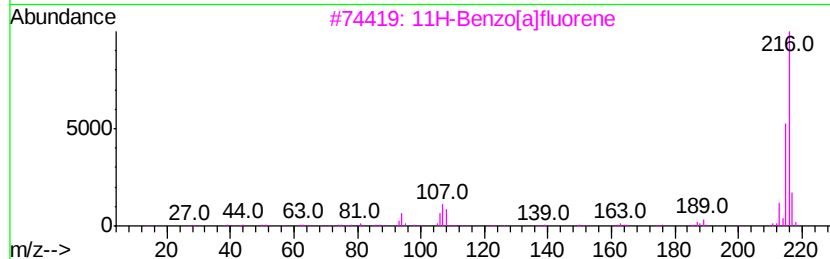
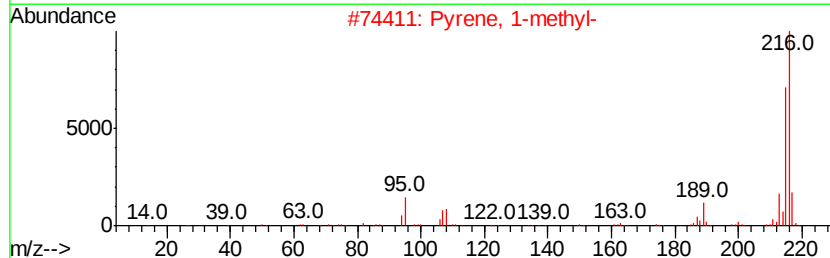
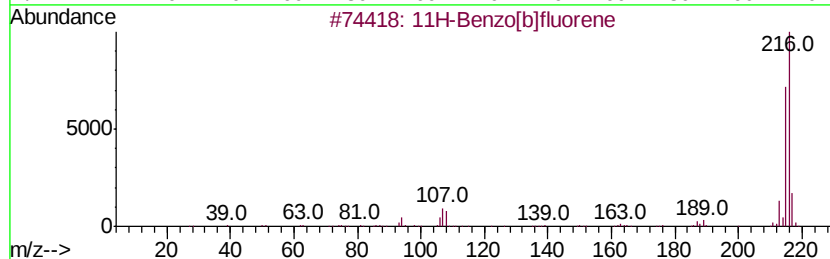
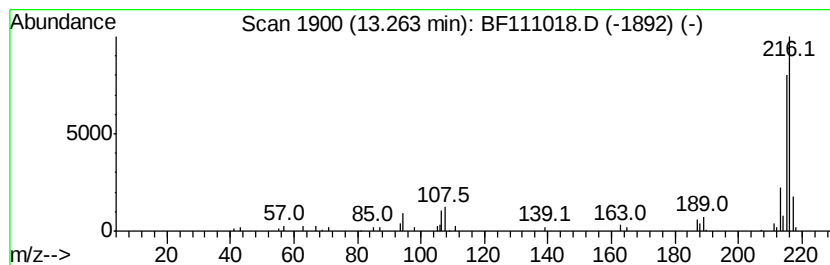
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.38 ng	97080	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111018.D
Acq On : 27 Nov 2018 19:09
Operator : JU/SJ
Sample : J6051-02 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-02

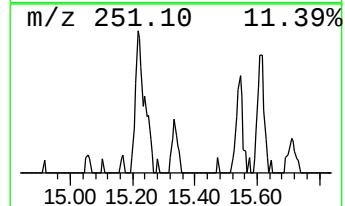
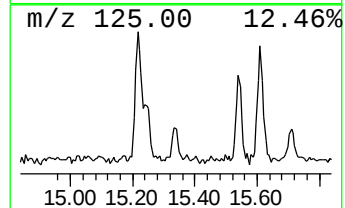
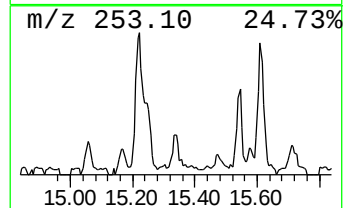
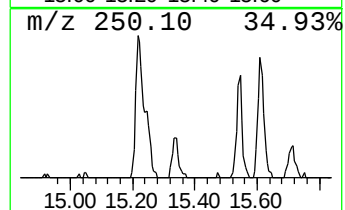
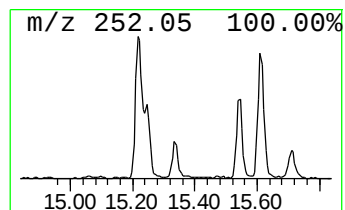
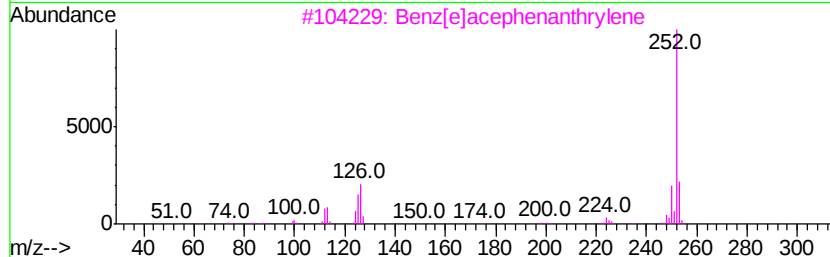
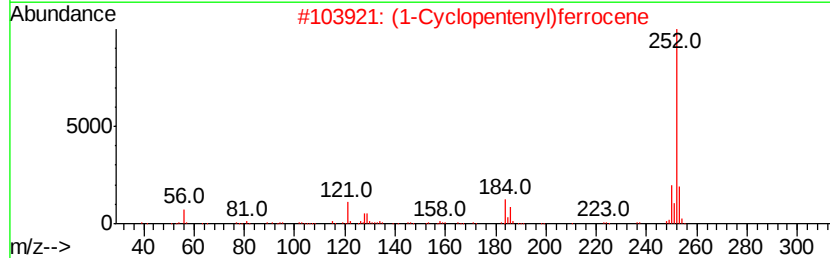
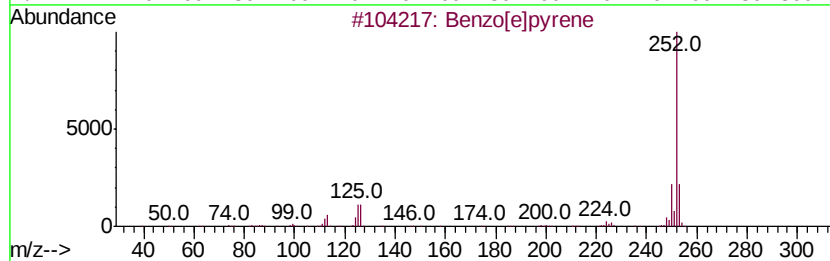
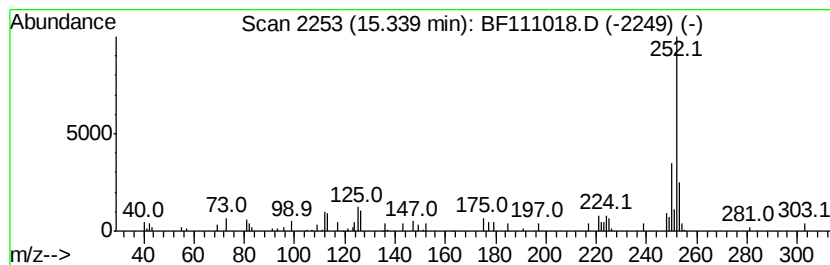
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	3.93 ng	37585	Perylene-d12	15.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]bpvrene	252	C20H12	000192-97-2	76
2		(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	72
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	68
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	68
5		Benzo[a]pyrene	252	C20H12	000050-32-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF11018.D
Acq On : 27 Nov 2018 19:09
Operator : JU/SJ
Sample : J6051-02 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-02

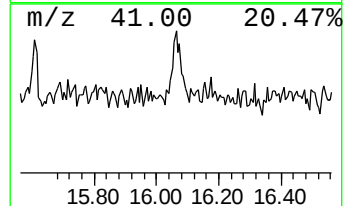
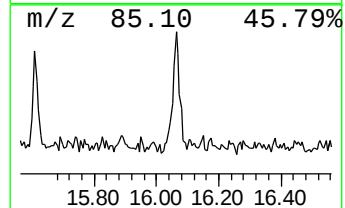
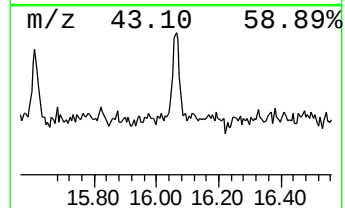
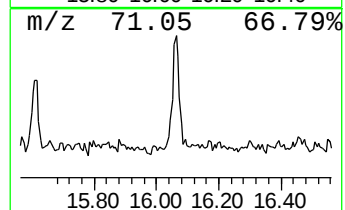
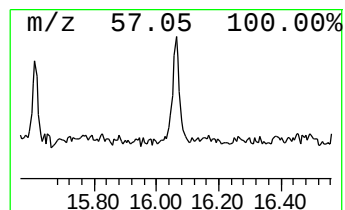
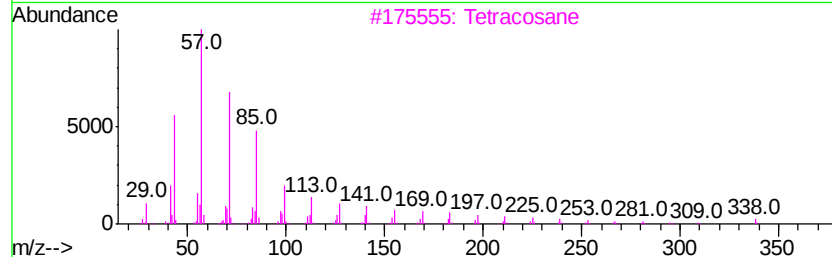
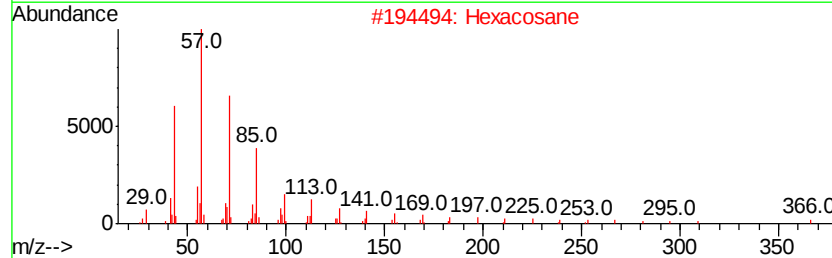
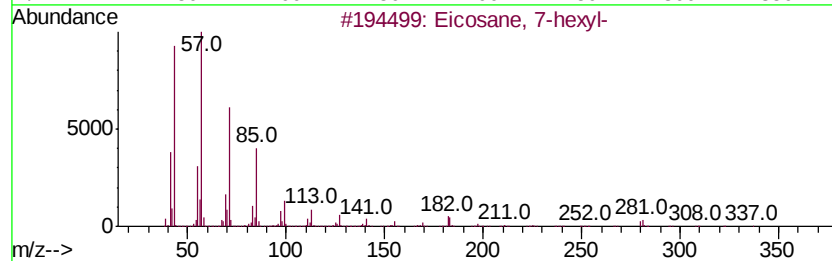
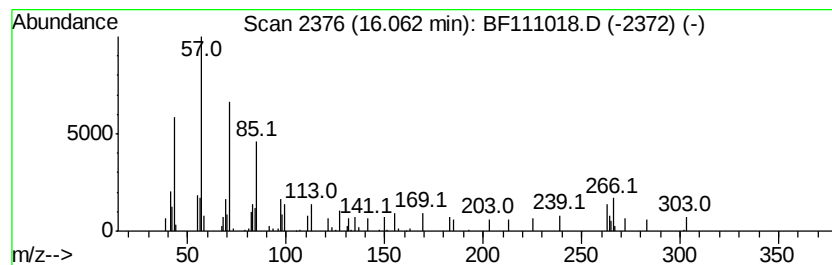
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane, 7-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	5.45 ng	52072	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	58
2		Hexacosane	366	C26H54	000630-01-3	58
3		Tetracosane	338	C24H50	000646-31-1	58
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	52
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111018.D
Acq On : 27 Nov 2018 19:09
Operator : JU/SJ
Sample : J6051-02 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-02

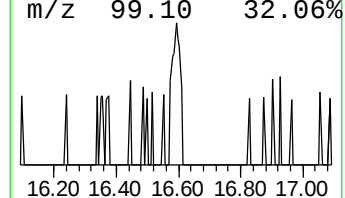
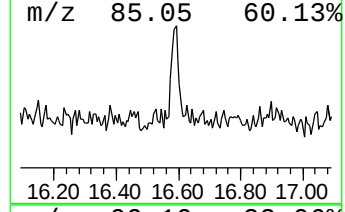
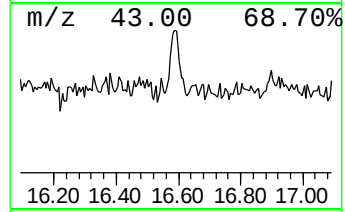
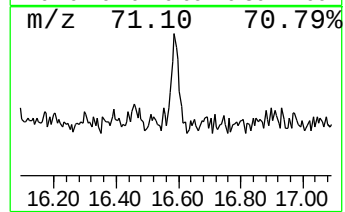
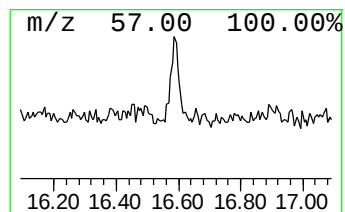
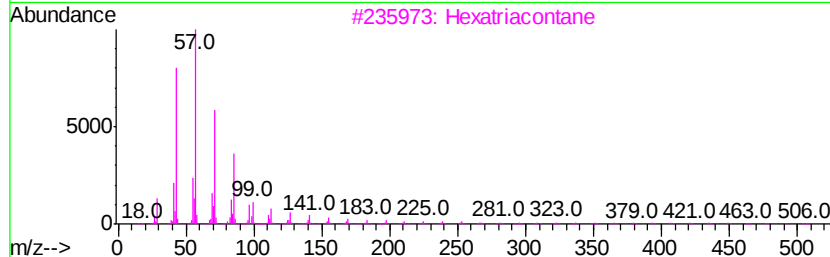
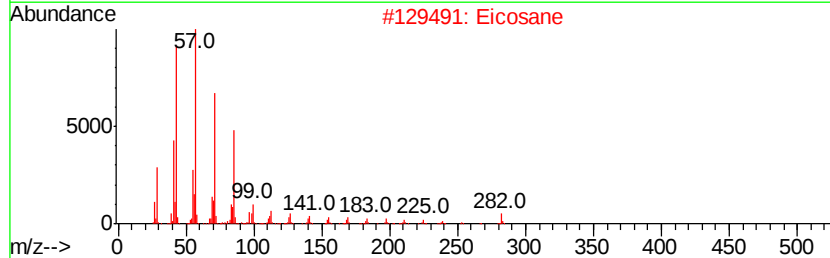
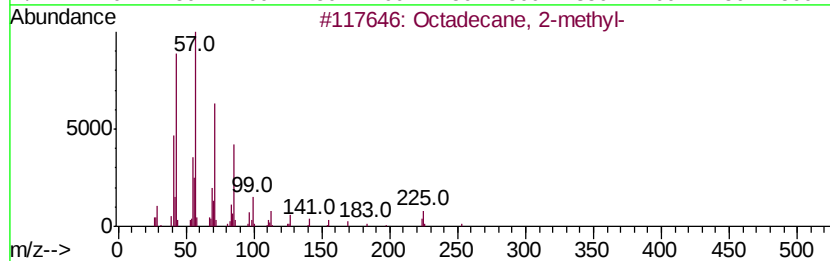
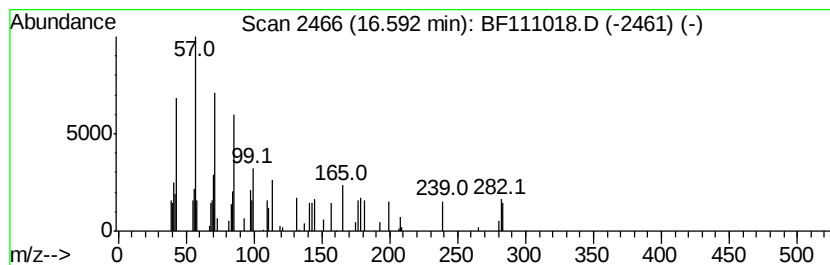
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.59 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	3.27 ng	31241	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	47
2		Eicosane	282	C20H42	000112-95-8	47
3		Hexatriacontane	507	C36H74	000630-06-8	43
4		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	43
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
Data File : BF111018.D
Acq On : 27 Nov 2018 19:09
Operator : JU/SJ
Sample : J6051-02 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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
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4H-Cyclopenta[def...	12.10	4.2	ng	73707	4	11.48	348208	20.0
11H-Benzo[b]fluorene	13.26	3.4	ng	97080	5	14.13	574502	20.0
Benzo[e]pyrene	15.34	3.9	ng	37585	6	15.67	191141	20.0
Eicosane, 7-hexyl-	16.06	5.5	ng	52072	6	15.67	191141	20.0
unknown16.59	16.59	3.3	ng	31241	6	15.67	191141	20.0