

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102319\
 Data File : BF117494.D
 Acq On : 23 Oct 2019 20:17
 Operator : JU
 Sample : K5494-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-2FT

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-BF101819.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	5.351	552	555	576	rBV	698522	792148	78.36%	7.307%
2	6.381	726	730	747	rBV	896395	932877	92.28%	8.605%
3	6.504	747	751	766	rVB	1106309	952893	94.26%	8.789%
4	6.734	787	790	800	rBV	246142	239274	23.67%	2.207%
5	6.886	812	816	830	rBV	778561	659656	65.26%	6.085%
6	7.298	882	886	908	rBV	531583	573096	56.69%	5.286%
7	8.010	1004	1007	1017	rBV	336513	316415	31.30%	2.919%
8	9.086	1186	1190	1202	rBV	1206139	1010881	100.00%	9.324%
9	9.480	1254	1257	1266	rVB	116246	95778	9.47%	0.883%
10	9.763	1301	1305	1309	rBV	431269	373101	36.91%	3.441%
11	10.316	1395	1399	1405	rBV2	10467	12801	1.27%	0.118%
12	10.551	1436	1439	1452	rBV	618162	572601	56.64%	5.282%
13	11.245	1554	1557	1560	rBV	372634	366020	36.21%	3.376%
14	11.269	1560	1561	1567	rVV	230701	185875	18.39%	1.715%
15	11.327	1567	1571	1579	rVB	59559	66485	6.58%	0.613%
16	11.751	1639	1643	1645	rBV	27417	23333	2.31%	0.215%
17	11.780	1645	1648	1654	rVB2	74379	83551	8.27%	0.771%
18	11.863	1659	1662	1665	rVV	51830	57043	5.64%	0.526%
19	11.886	1665	1666	1669	rVB	20048	12487	1.24%	0.115%
20	12.045	1689	1693	1696	rBV	16916	15902	1.57%	0.147%
21	12.298	1733	1736	1739	rBV	15317	14539	1.44%	0.134%
22	12.398	1748	1753	1757	rVB3	14837	17609	1.74%	0.162%
23	12.463	1760	1764	1769	rVV	386493	345131	34.14%	3.183%
24	12.557	1778	1780	1786	rVB3	9511	11910	1.18%	0.110%
25	12.686	1797	1802	1809	rBV	270936	328423	32.49%	3.029%
26	12.739	1809	1811	1817	rVB2	11338	12870	1.27%	0.119%
27	12.827	1822	1826	1830	rBV	892255	786229	77.78%	7.252%
28	12.915	1835	1841	1844	rBV2	16756	27355	2.71%	0.252%
29	12.998	1852	1855	1856	rBV2	13472	14467	1.43%	0.133%
30	13.021	1856	1859	1863	rVB	33239	33170	3.28%	0.306%
31	13.086	1868	1870	1873	rVV	24612	21358	2.11%	0.197%
32	13.127	1873	1877	1884	rVV3	23480	34682	3.43%	0.320%
33	13.215	1889	1892	1895	rBV	12469	11556	1.14%	0.107%
34	13.251	1895	1898	1902	rBV3	13467	13129	1.30%	0.121%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BF101819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.545	1945	1948	1953	rVB	15723	18682	1.85%	0.172%
36	13.645	1959	1965	1966	rBV	20700	20626	2.04%	0.190%
37	13.663	1966	1968	1971	rVV	22153	21765	2.15%	0.201%
38	13.692	1971	1973	1975	rVV	17252	16744	1.66%	0.154%
39	13.751	1977	1983	1988	rVB6	41583	87061	8.61%	0.803%
40	13.886	1999	2006	2009	rBV2	294788	432628	42.80%	3.991%
41	13.915	2009	2011	2018	rVV	125074	131281	12.99%	1.211%
42	13.998	2022	2025	2029	rVB	22582	21797	2.16%	0.201%
43	14.045	2029	2033	2039	rBV7	19113	35439	3.51%	0.327%
44	14.280	2068	2073	2076	rBV3	23831	28200	2.79%	0.260%
45	14.351	2082	2085	2087	rBV2	29978	30152	2.98%	0.278%
46	14.645	2132	2135	2139	rVB	23052	24412	2.41%	0.225%
47	14.768	2153	2156	2160	rBV4	16788	21629	2.14%	0.200%
48	14.915	2177	2181	2184	rBV	121675	177977	17.61%	1.642%
49	15.021	2196	2199	2204	rBV	28261	38998	3.86%	0.360%
50	15.204	2226	2230	2235	rVB	61406	73029	7.22%	0.674%
51	15.262	2236	2240	2245	rBV	95702	116602	11.53%	1.076%
52	15.321	2245	2250	2254	rBV	214166	276626	27.36%	2.552%
53	15.498	2276	2280	2283	rBV6	10201	16136	1.60%	0.149%
54	15.539	2285	2287	2293	rVB7	11730	16052	1.59%	0.148%
55	15.721	2314	2318	2321	rBV	25124	30479	3.02%	0.281%
56	15.951	2353	2357	2361	rVB6	12052	14718	1.46%	0.136%
57	16.180	2394	2396	2402	rBV6	10581	15790	1.56%	0.146%
58	16.733	2484	2490	2498	rVB2	45577	93216	9.22%	0.860%
59	16.892	2514	2517	2521	rVB5	10745	13568	1.34%	0.125%
60	17.156	2557	2562	2570	rVB2	23859	53094	5.25%	0.490%

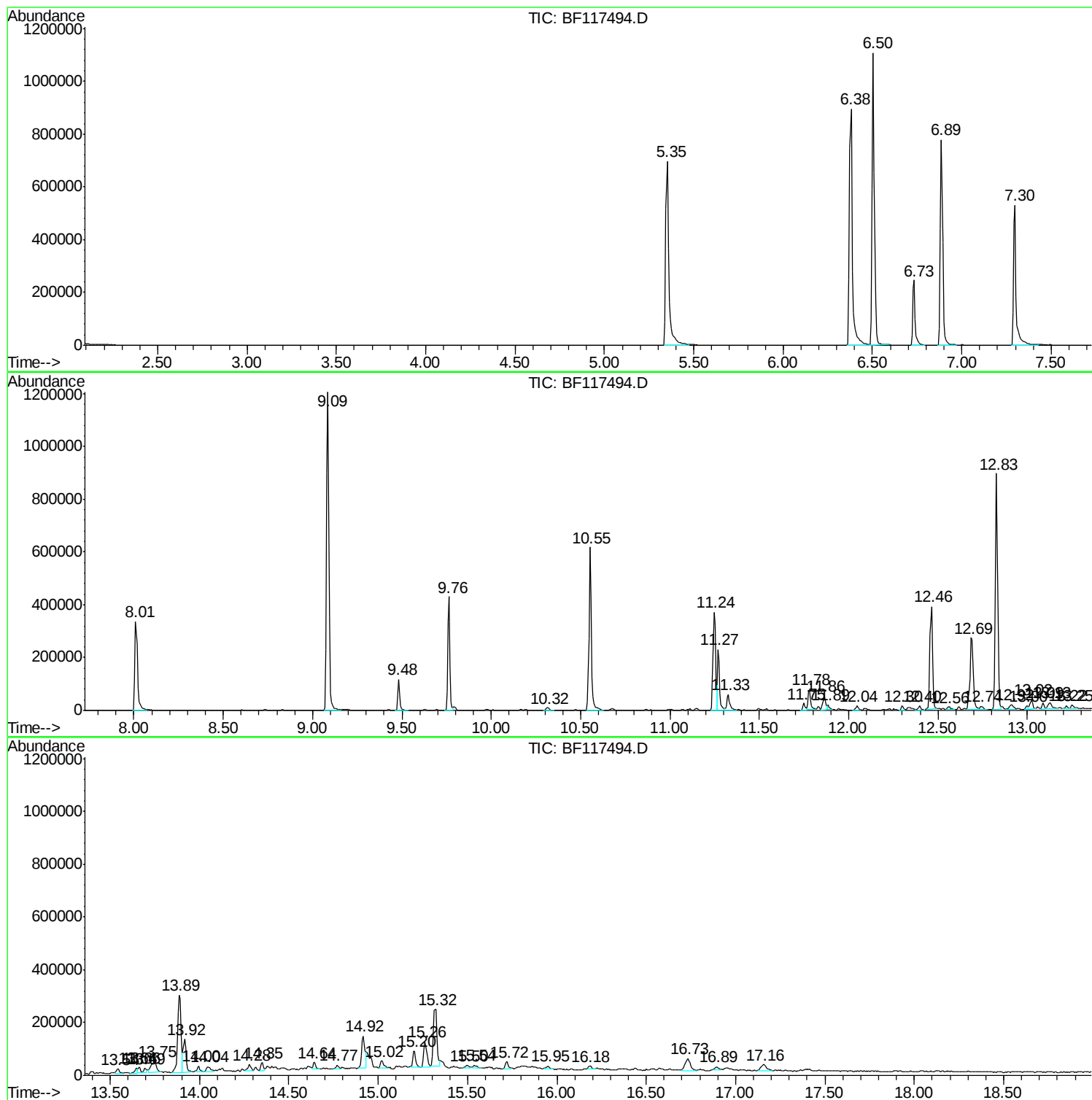
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ClientSampleId :
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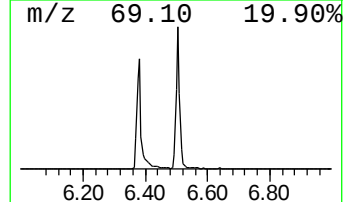
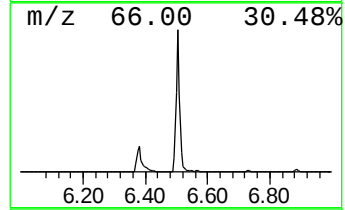
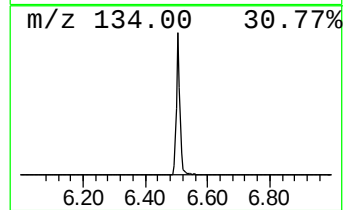
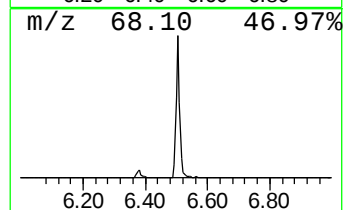
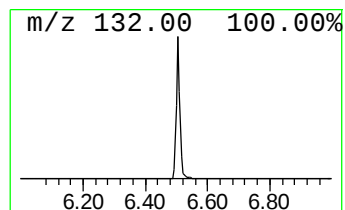
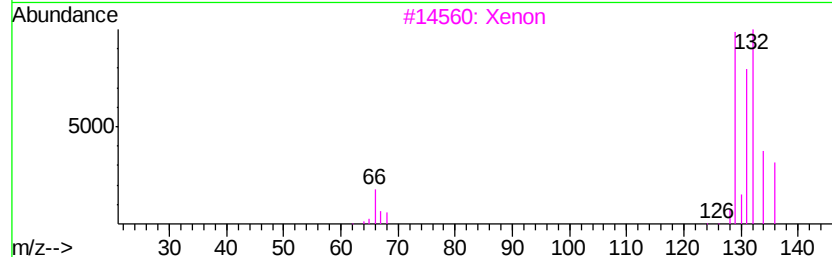
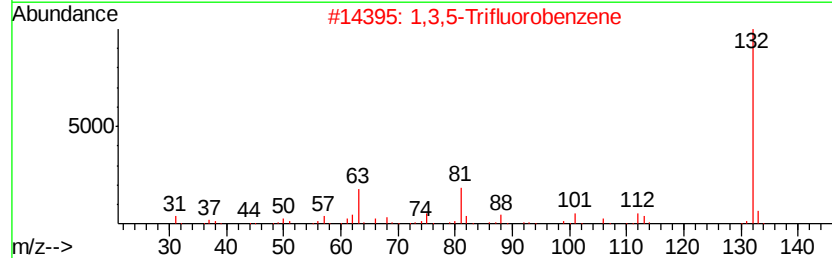
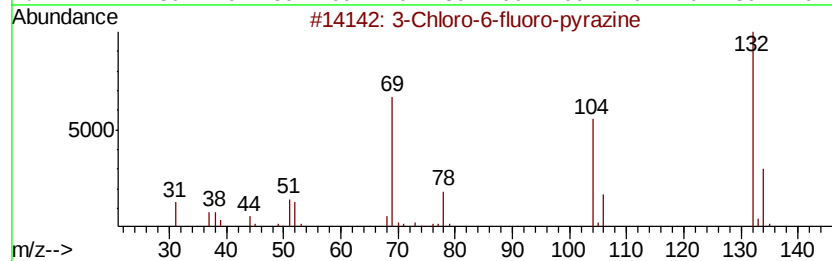
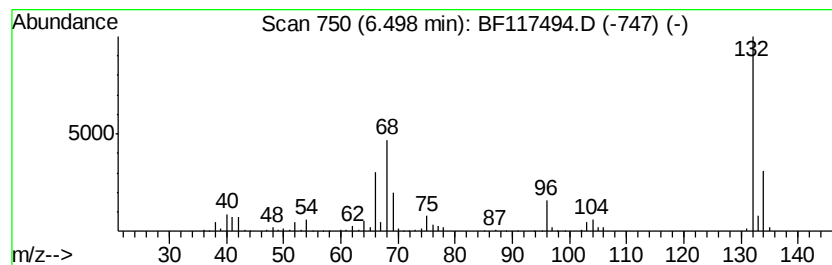
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	79.65 ng	952893	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3		Xenon	132	Xe	007440-63-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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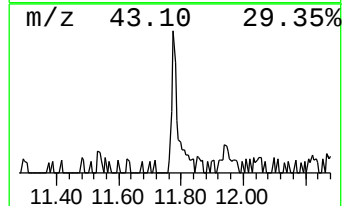
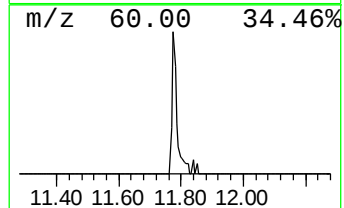
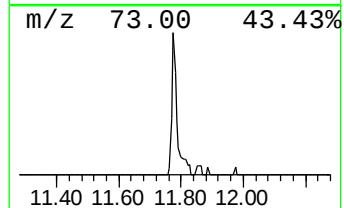
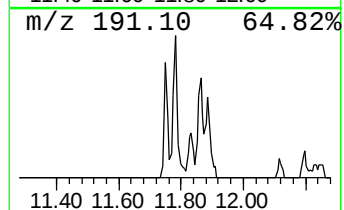
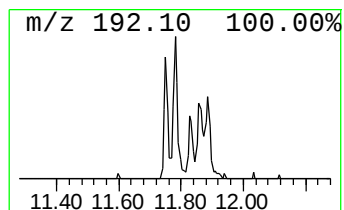
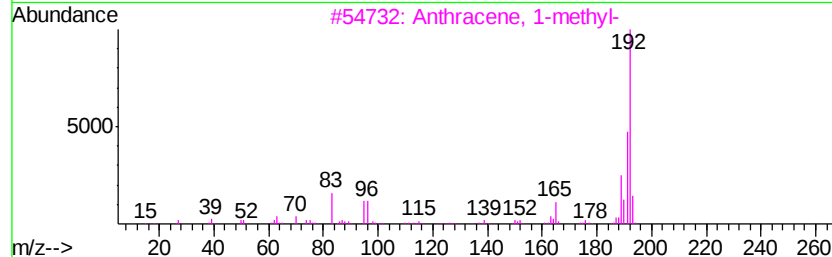
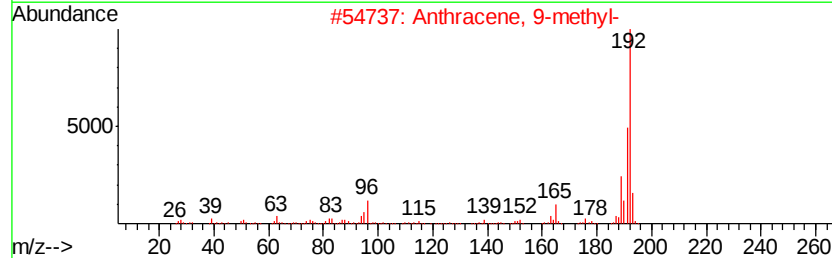
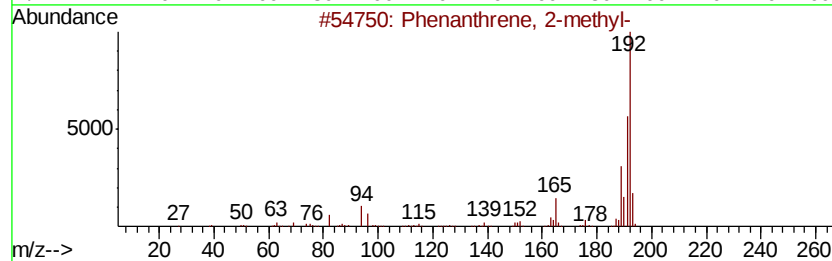
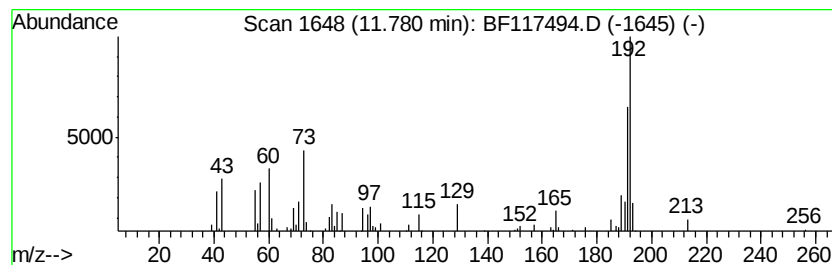
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.78	4.57 ng	83551	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76



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Misc :
ALS Vial : 13 Sample Multiplier: 1

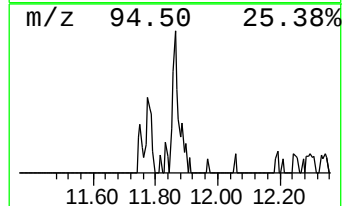
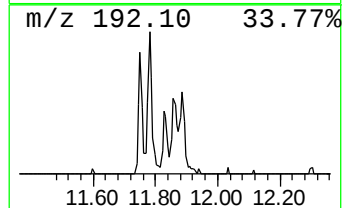
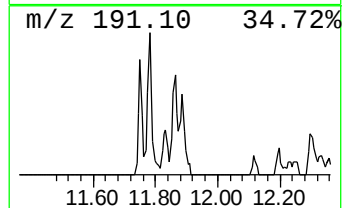
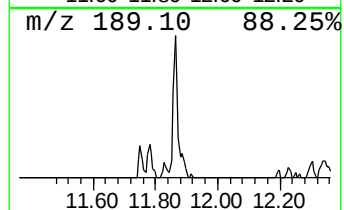
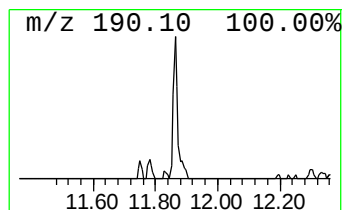
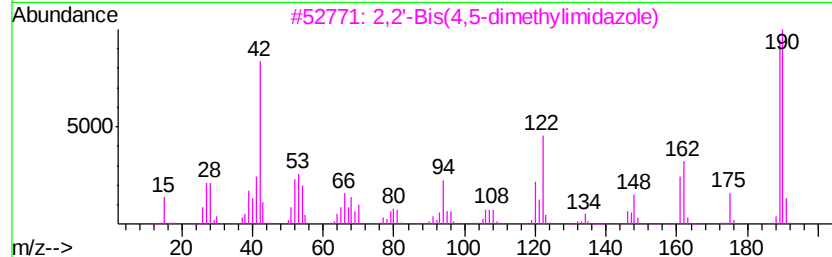
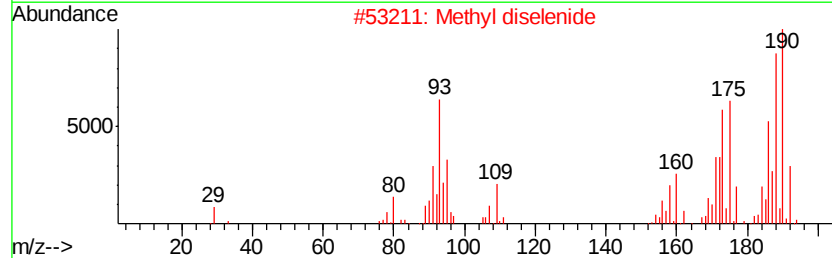
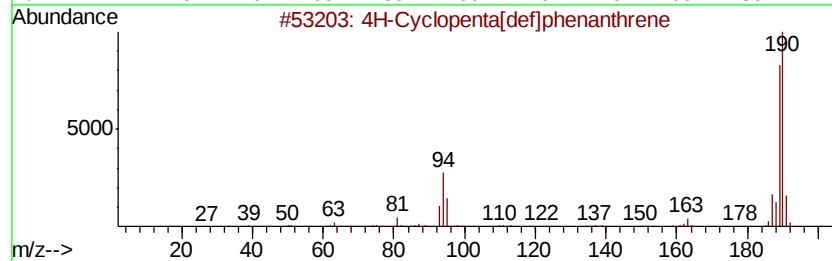
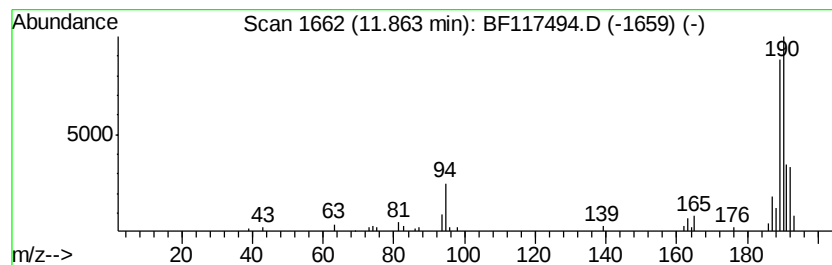
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.86	3.12 ng	57043	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	33
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23



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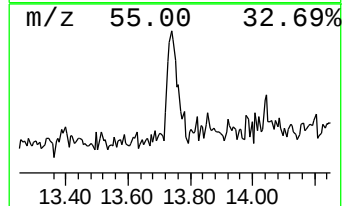
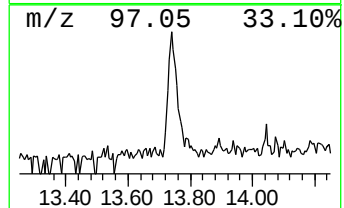
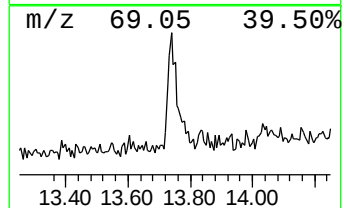
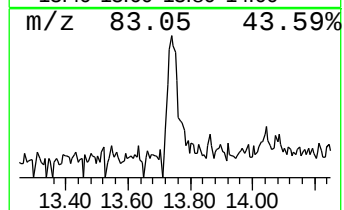
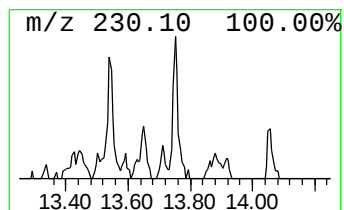
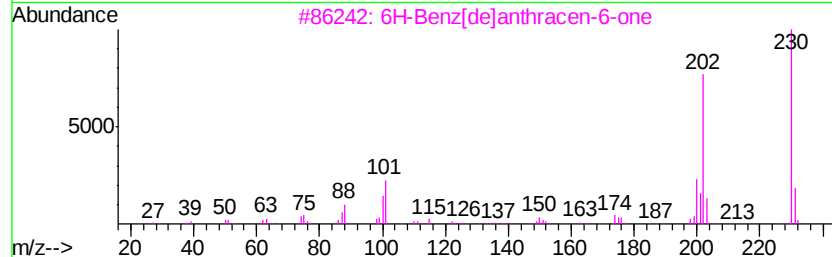
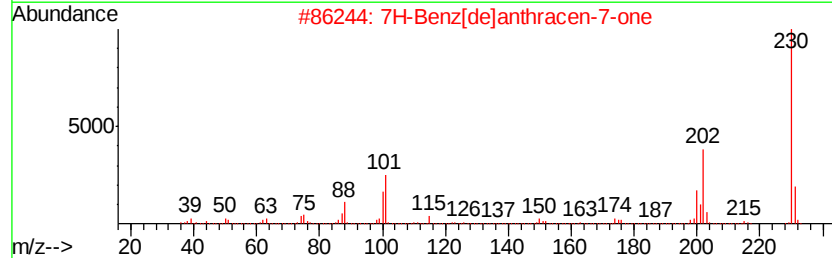
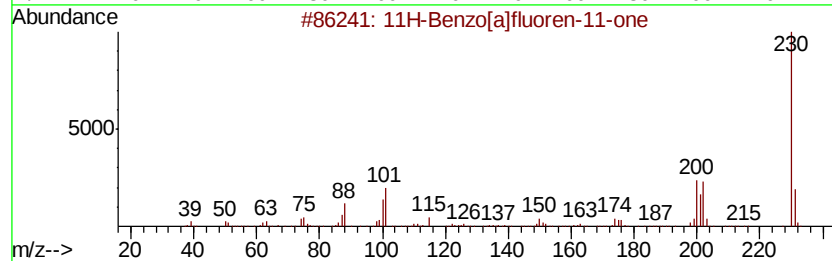
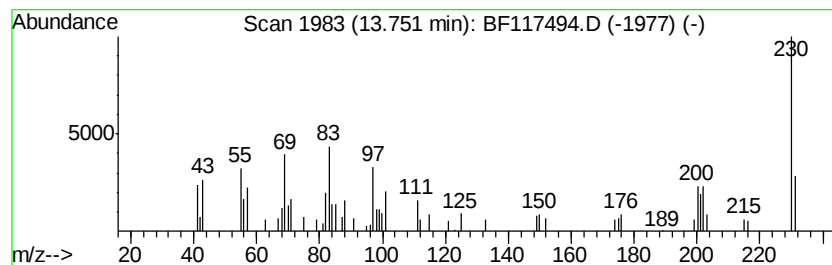
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	4.02 ng	87061	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	43
4		o-Terphenyl	230	C18H14	000084-15-1	38
5		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	37



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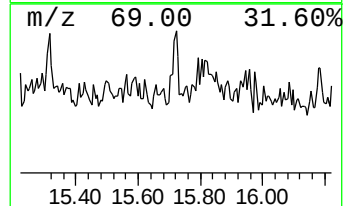
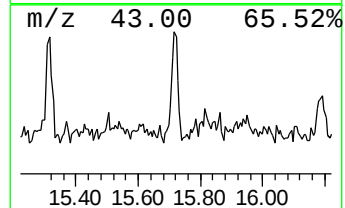
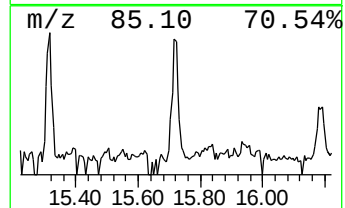
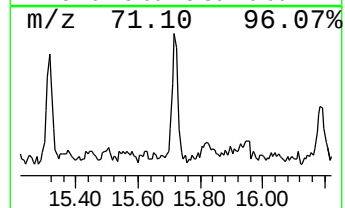
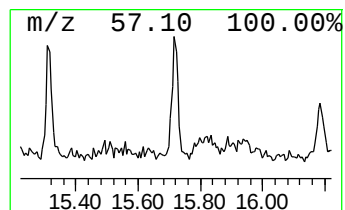
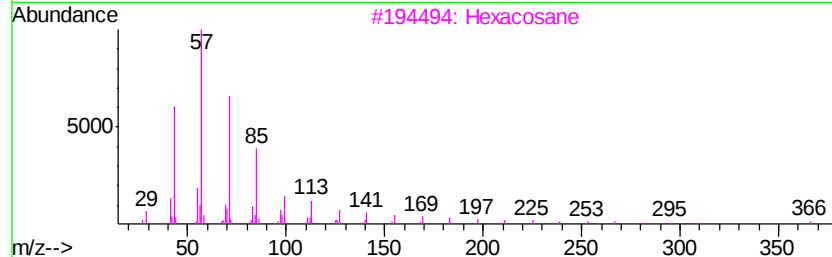
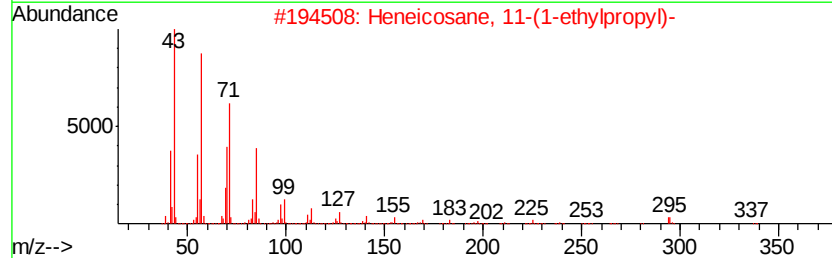
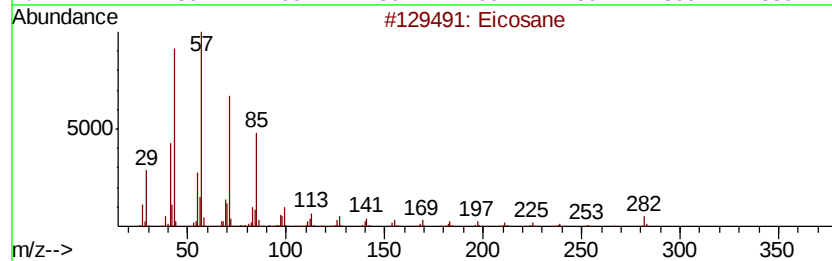
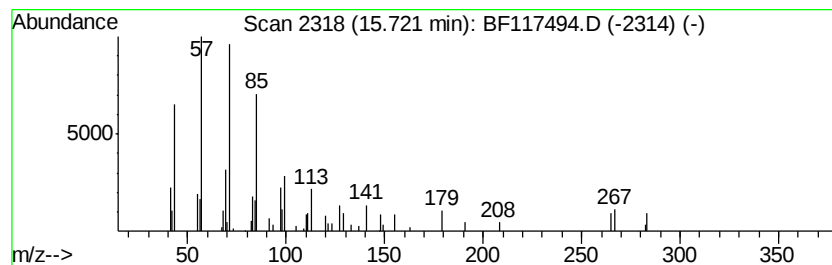
Instrument :
BNA_F
ClientSampleId :
TP3-2FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.20 ng	30479	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	83
2	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	72
3	Hexacosane	366 C26H54	000630-01-3	64
4	Tetratetracontane	619 C44H90	007098-22-8	64
5	Octacosane	394 C28H58	000630-02-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102319\
Data File : BF117494.D
Acq On : 23 Oct 2019 20:17
Operator : JU
Sample : K5494-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-2FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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
unknown6.50	6.50	79.7	ng	952893	1	6.73	239274	20.0
Phenanthrene, 2-m...	11.78	4.6	ng	83551	4	11.24	366020	20.0
4H-Cyclopenta[def...	11.86	3.1	ng	57043	4	11.24	366020	20.0
11H-Benzo[a]fluor...	13.75	4.0	ng	87061	5	13.89	432628	20.0
Eicosane	15.72	2.2	ng	30479	6	15.32	276626	20.0