

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
 Data File : BF108220.D
 Acq On : 17 Aug 2018 2:48
 Operator : JU/SJ
 Sample : J4501-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-SSW-15-021

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-BF080818.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	5.260	493	497	503	rVB	123009	154228	5.35%	0.454%
2	5.642	556	562	565	rBV	3139017	2793383	96.95%	8.230%
3	6.630	725	730	733	rBV	2856714	2863451	99.39%	8.437%
4	6.783	752	756	759	rBV	3268969	2881165	100.00%	8.489%
5	6.836	762	765	769	rVB	66867	53368	1.85%	0.157%
6	7.013	792	795	799	rBV	1075647	942030	32.70%	2.776%
7	7.172	818	822	825	rBV	2559184	2090040	72.54%	6.158%
8	7.577	886	891	894	rBV	1936645	1837910	63.79%	5.415%
9	8.260	1001	1007	1009	rBV	39065	32726	1.14%	0.096%
10	8.295	1009	1013	1016	rBV	1179425	1112726	38.62%	3.279%
11	8.871	1106	1111	1117	rBV	41871	41973	1.46%	0.124%
12	9.007	1131	1134	1138	rBV	64569	60949	2.12%	0.180%
13	9.113	1148	1152	1155	rBV	56428	51953	1.80%	0.153%
14	9.371	1191	1196	1199	rBV	2901981	2611816	90.65%	7.695%
15	9.436	1204	1207	1210	rVB	54310	46459	1.61%	0.137%
16	9.642	1237	1242	1245	rBV	24454	33505	1.16%	0.099%
17	9.713	1250	1254	1256	rVV	47266	45682	1.59%	0.135%
18	9.742	1256	1259	1260	rVV	38184	41461	1.44%	0.122%
19	9.760	1260	1262	1270	rVB	261411	210905	7.32%	0.621%
20	9.966	1293	1297	1301	rBV	57470	52455	1.82%	0.155%
21	10.060	1309	1313	1316	rBV	1356242	1111583	38.58%	3.275%
22	10.089	1316	1318	1321	rVB	89458	77224	2.68%	0.228%
23	10.260	1344	1347	1350	rBV2	47495	50968	1.77%	0.150%
24	10.465	1376	1382	1387	rVB2	70578	81386	2.82%	0.240%
25	10.607	1402	1406	1412	rVB2	90758	101539	3.52%	0.299%
26	10.689	1416	1420	1423	rVV3	30227	36904	1.28%	0.109%
27	10.765	1431	1433	1436	rVB	38723	33067	1.15%	0.097%
28	10.848	1443	1447	1455	rBV	1540037	1605301	55.72%	4.730%
29	10.954	1460	1465	1475	rVB3	83573	142946	4.96%	0.421%
30	11.283	1516	1521	1524	rBV6	28206	47036	1.63%	0.139%
31	11.395	1536	1540	1542	rBV	67465	63400	2.20%	0.187%
32	11.454	1547	1550	1554	rVB	45379	42181	1.46%	0.124%
33	11.554	1563	1567	1569	rBV	1191700	1070545	37.16%	3.154%
34	11.577	1569	1571	1575	rVV	789640	658929	22.87%	1.941%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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35	11.630	1577	1580	1583	rVB	183799	145197	5.04%	0.428%
36	11.783	1601	1606	1610	rBV2	88912	95666	3.32%	0.282%
37	11.818	1610	1612	1615	rVB	47106	44567	1.55%	0.131%
38	12.054	1650	1652	1655	rBV	87878	83774	2.91%	0.247%
39	12.083	1655	1657	1659	rVV	130770	146208	5.07%	0.431%
40	12.130	1662	1665	1668	rVB2	54379	59326	2.06%	0.175%
41	12.171	1668	1672	1674	rBV2	149414	158264	5.49%	0.466%
42	12.195	1674	1676	1679	rVB	67176	54962	1.91%	0.162%
43	12.230	1679	1682	1685	rBV2	53856	47361	1.64%	0.140%
44	12.354	1700	1703	1705	rBV	73489	63212	2.19%	0.186%
45	12.377	1705	1707	1711	rVB	54043	45888	1.59%	0.135%
46	12.530	1730	1733	1736	rVB	112929	109776	3.81%	0.323%
47	12.612	1743	1747	1750	rBV2	59383	92555	3.21%	0.273%
48	12.695	1758	1761	1766	rVB3	42470	43047	1.49%	0.127%
49	12.777	1771	1775	1778	rBV	1003296	885175	30.72%	2.608%
50	12.930	1798	1801	1807	rVB4	33940	48370	1.68%	0.143%
51	12.989	1807	1811	1812	rBV2	206278	221252	7.68%	0.652%
52	13.007	1812	1814	1819	rVV	847809	741625	25.74%	2.185%
53	13.054	1819	1822	1826	rVB2	58273	54721	1.90%	0.161%
54	13.142	1831	1837	1840	rVV	2508926	2271248	78.83%	6.692%
55	13.165	1840	1841	1844	rVB	64545	39093	1.36%	0.115%
56	13.218	1846	1850	1854	rBV3	58065	105660	3.67%	0.311%
57	13.306	1861	1865	1866	rBV3	40939	47795	1.66%	0.141%
58	13.330	1866	1869	1872	rVV	106984	107232	3.72%	0.316%
59	13.401	1878	1881	1883	rBV	118281	107053	3.72%	0.315%
60	13.436	1883	1887	1890	rVV2	80395	98561	3.42%	0.290%
61	13.536	1901	1904	1906	rBV	37559	33356	1.16%	0.098%
62	13.565	1906	1909	1911	rBV	53422	54084	1.88%	0.159%
63	13.695	1927	1931	1933	rBV2	46891	60793	2.11%	0.179%
64	13.842	1954	1956	1960	rVB	74276	69543	2.41%	0.205%
65	13.959	1971	1976	1978	rBV2	80338	110258	3.83%	0.325%
66	13.983	1978	1980	1982	rBV	66586	48319	1.68%	0.142%
67	14.024	1982	1987	1989	rBV3	122914	168213	5.84%	0.496%
68	14.206	2013	2018	2021	rBV2	1346890	1659399	57.59%	4.889%
69	14.236	2021	2023	2028	rVB	473858	396433	13.76%	1.168%
70	14.318	2034	2037	2039	rBV	62714	62538	2.17%	0.184%
71	14.595	2082	2084	2087	rVB	75939	63230	2.19%	0.186%

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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 >
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72	14.748	2108	2110	2115	rVB4	52407	55045	1.91%	0.162%
73	14.965	2144	2147	2153	rVB2	116011	156380	5.43%	0.461%
74	15.300	2199	2204	2207	rBV	260144	441323	15.32%	1.300%
75	15.418	2221	2224	2227	rVB	36875	42300	1.47%	0.125%
76	15.630	2257	2260	2266	rVB	136820	193229	6.71%	0.569%
77	15.700	2268	2272	2277	rVB	192229	260313	9.03%	0.767%
78	15.771	2278	2284	2288	rBV	630730	871567	30.25%	2.568%
79	17.383	2553	2558	2563	rVB2	59943	114272	3.97%	0.337%
80	17.871	2638	2641	2649	rVB2	38958	80382	2.79%	0.237%

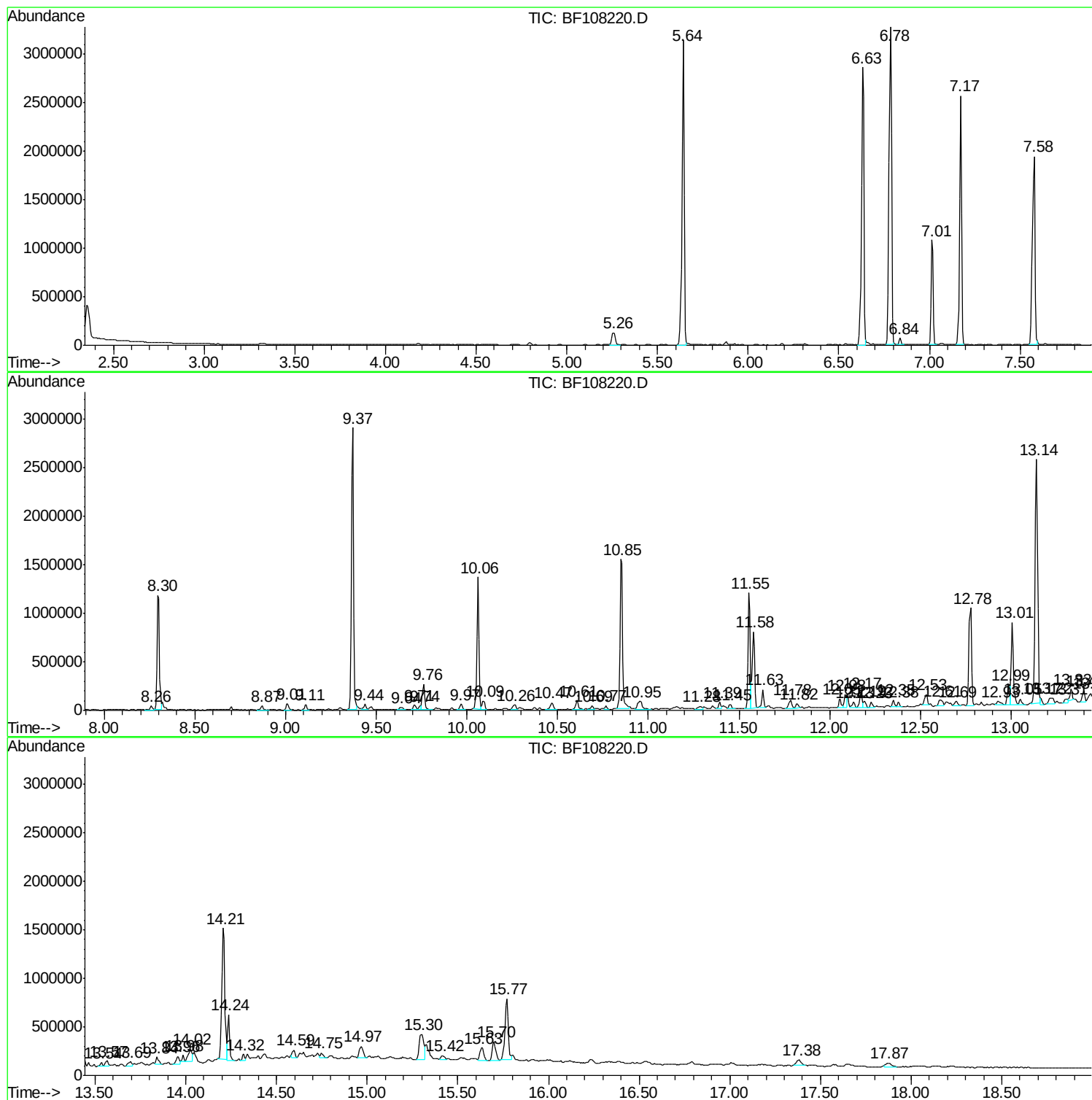
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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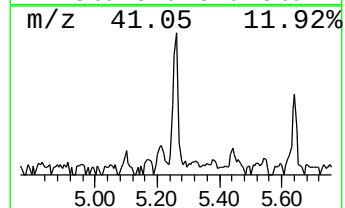
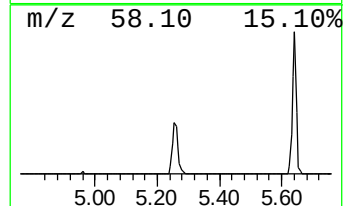
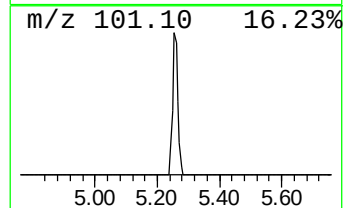
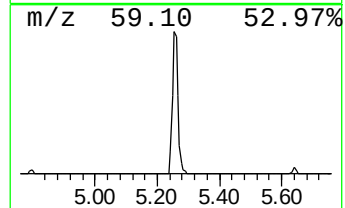
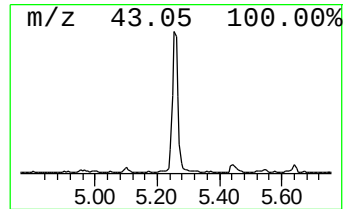
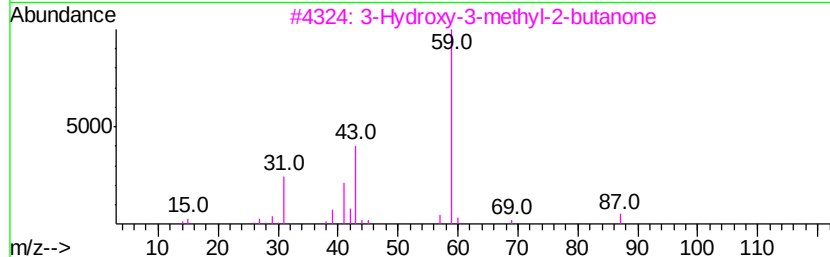
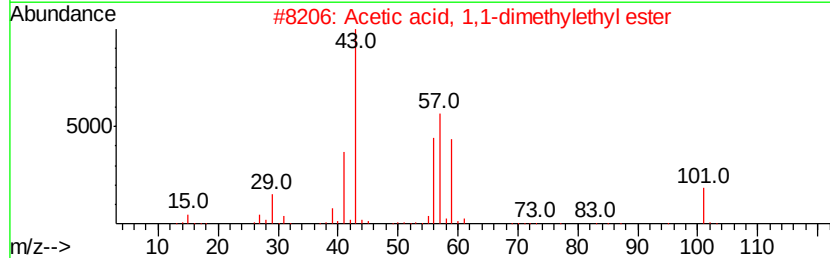
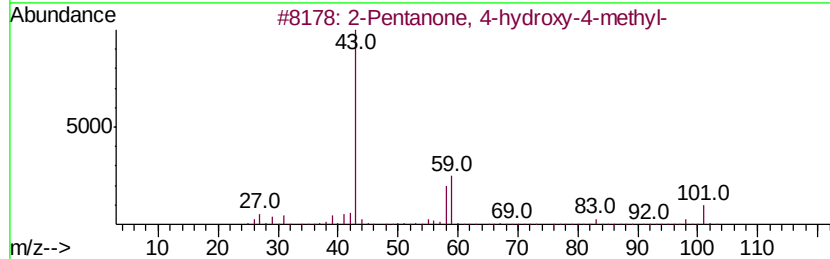
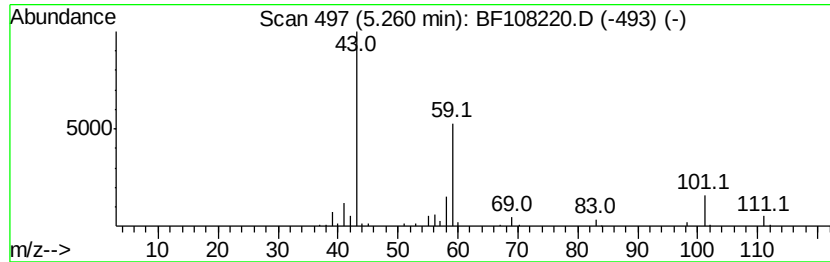
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.26	3.27 ng	154228	1,4-Dichlorobenzene-d4	7.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	35
4	Diacetamide	101	C4H7NO2	000625-77-4	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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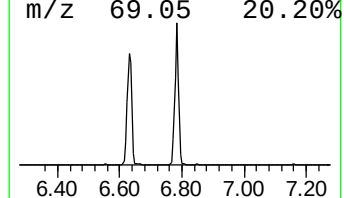
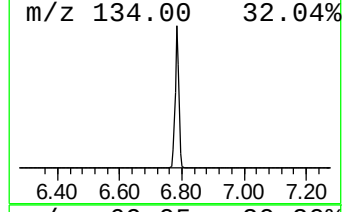
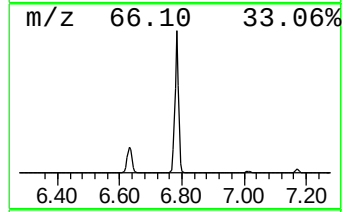
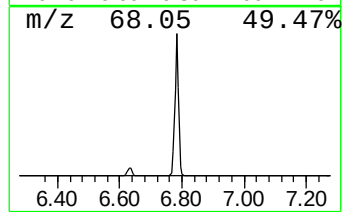
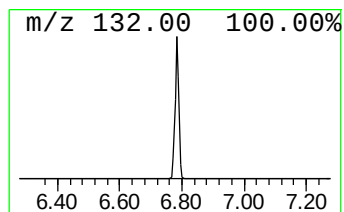
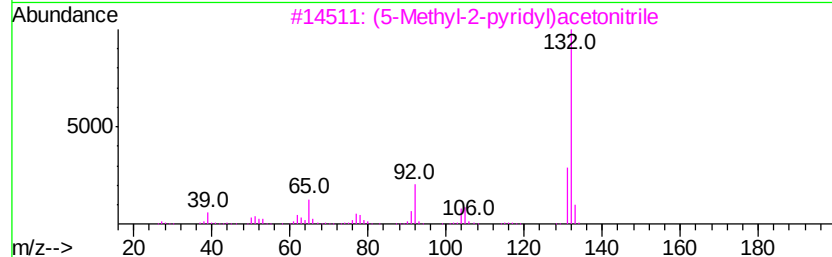
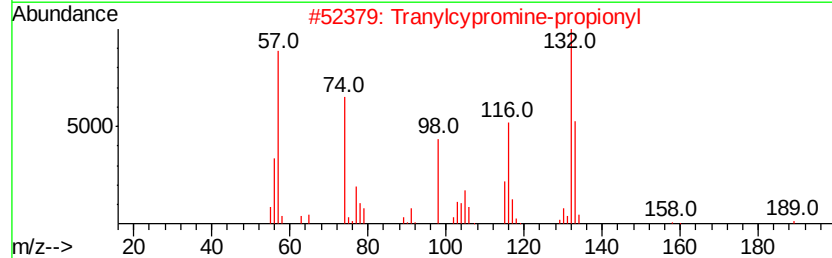
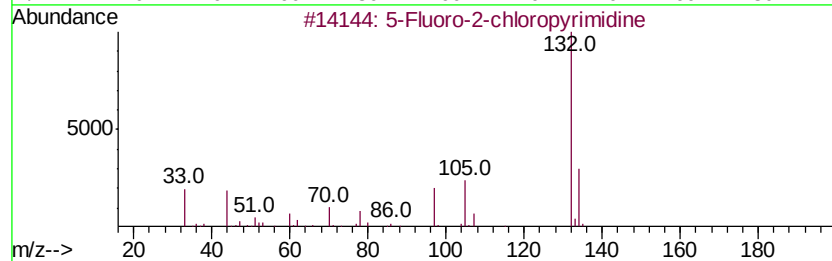
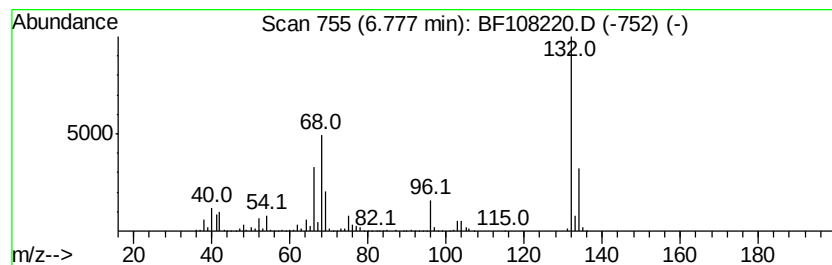
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	61.17 ng	2881170	1,4-Dichlorobenzene-d4	7.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Xenon	132	Xe	007440-63-3	9



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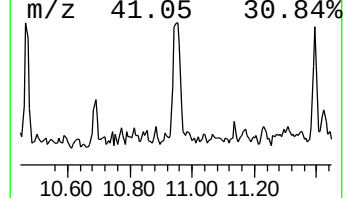
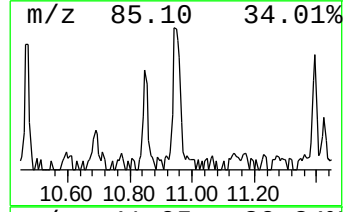
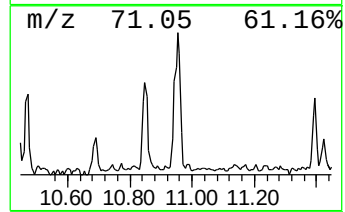
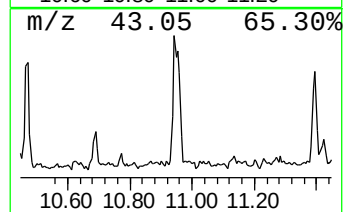
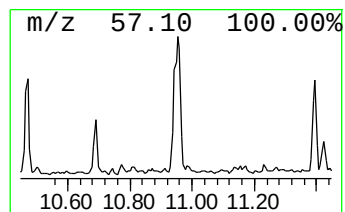
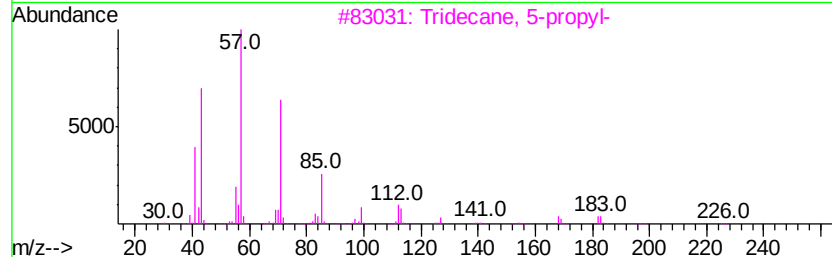
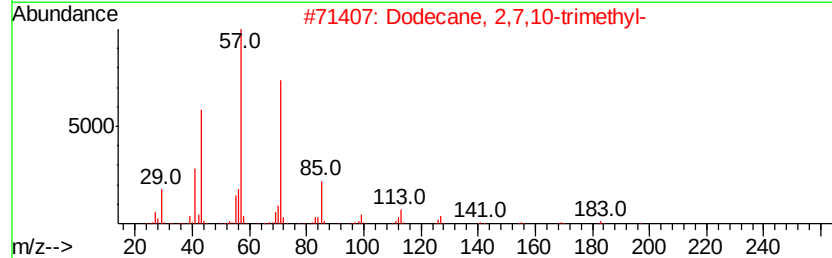
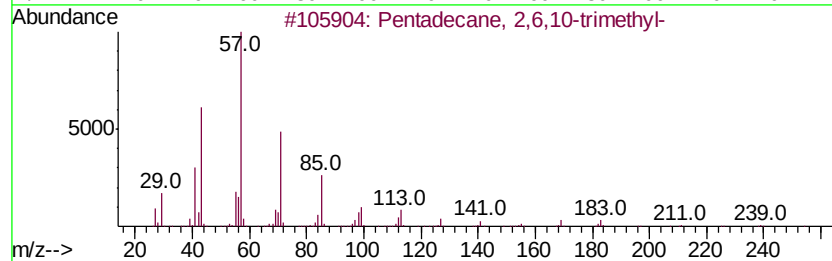
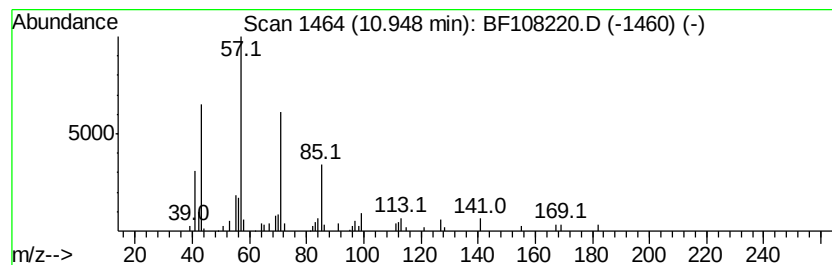
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.95	2.67 ng	142946	Phenanthrene-d10		11.55	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4		Eicosane	282	C20H42	000112-95-8	64
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



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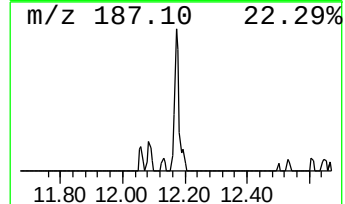
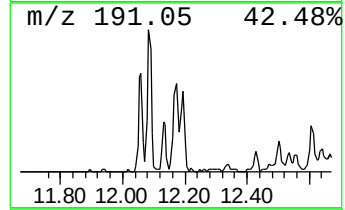
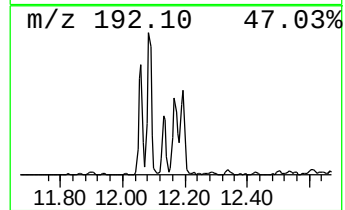
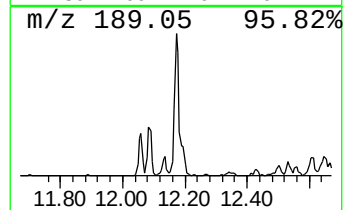
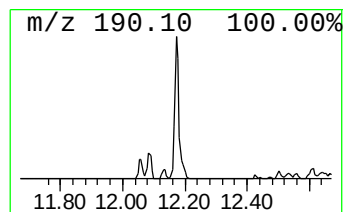
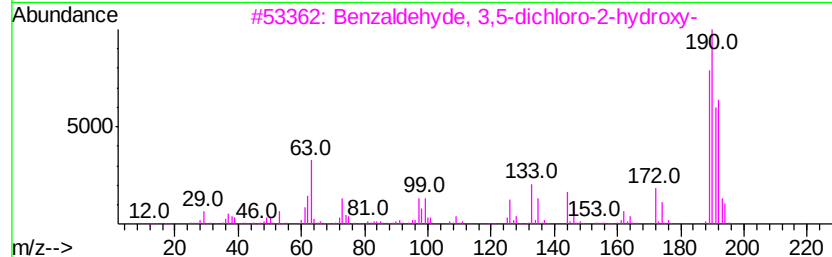
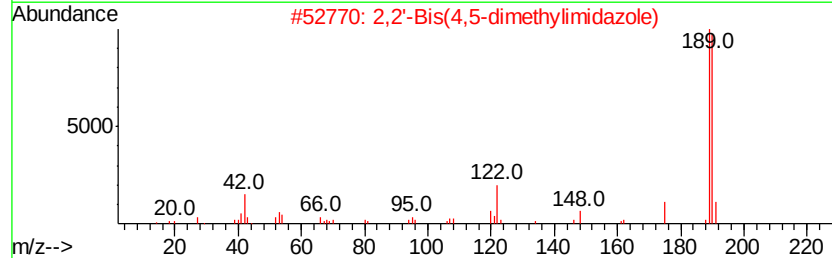
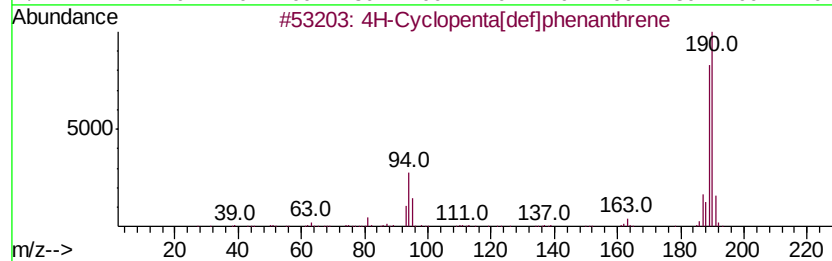
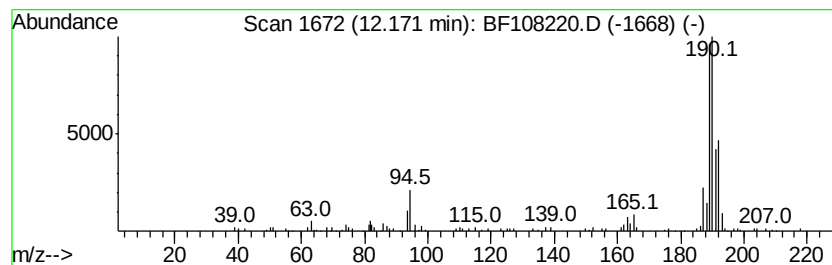
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	2.96 ng	158264	Phenanthrene-d10	11.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	43
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	40
5		Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108220.D
Acq On : 17 Aug 2018 2:48
Operator : JU/SJ
Sample : J4501-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

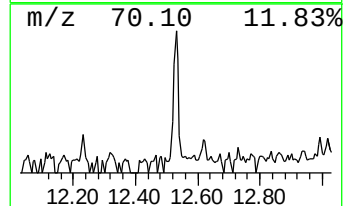
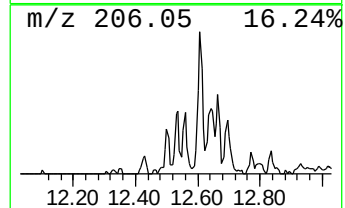
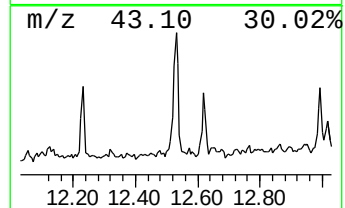
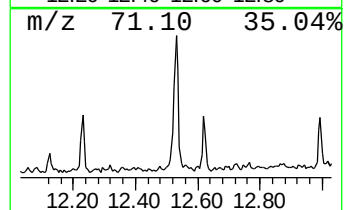
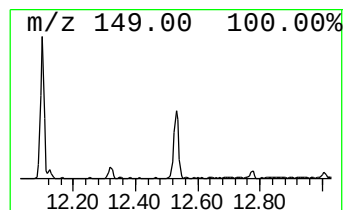
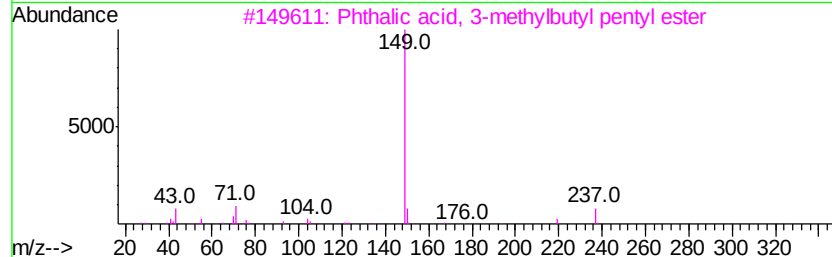
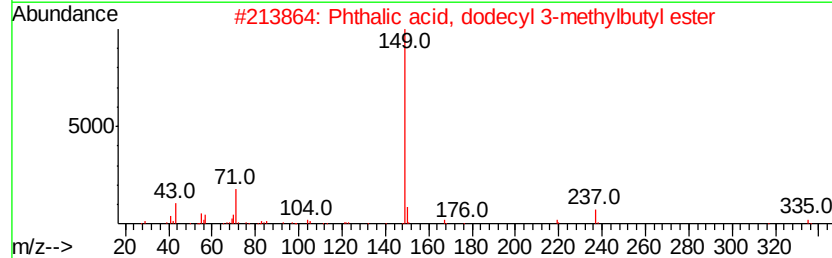
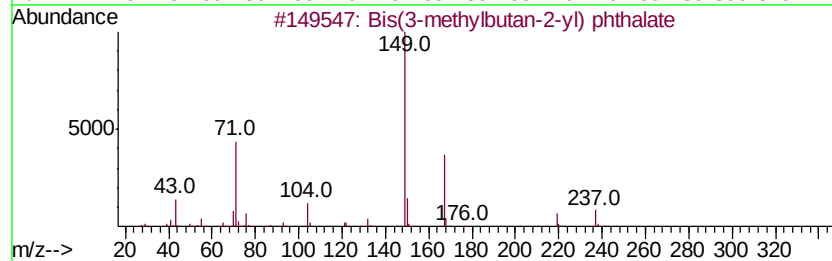
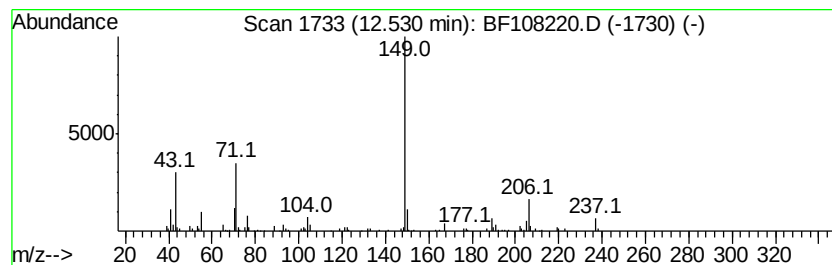
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RA-081318-SSW-15-021

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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 Bis(3-methylbutan-2-yl) pht... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.53	2.05 ng	109776	Phenanthrene-d10	11.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(3-methylbutan-2-yl) phthalate	306	C18H26O4	1000373-65-6	64
2	Phthalic acid, dodecyl 3-methylb...	404	C25H40O4	1000356-81-3	64
3	Phthalic acid, 3-methylbutyl pen...	306	C18H26O4	1000356-80-5	64
4	1,2-Benzenedicarboxylic acid, bi...	306	C18H26O4	000605-50-5	64
5	Phthalic acid, 2-ethylhexyl pent...	348	C21H32O4	1000309-01-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
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Acq On : 17 Aug 2018 2:48
Operator : JU/SJ
Sample : J4501-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

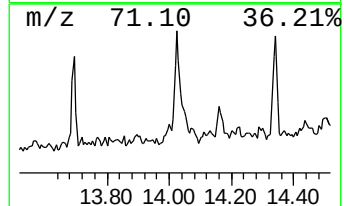
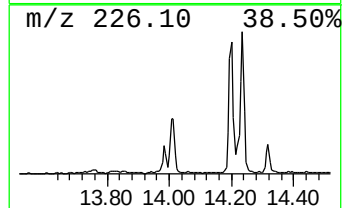
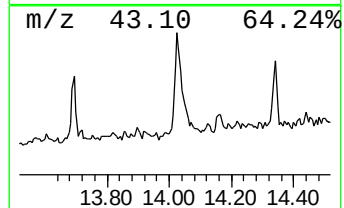
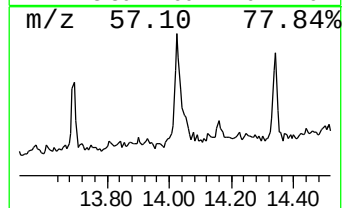
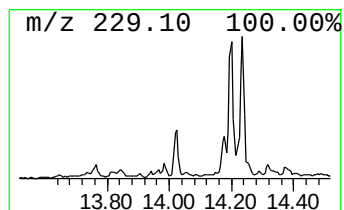
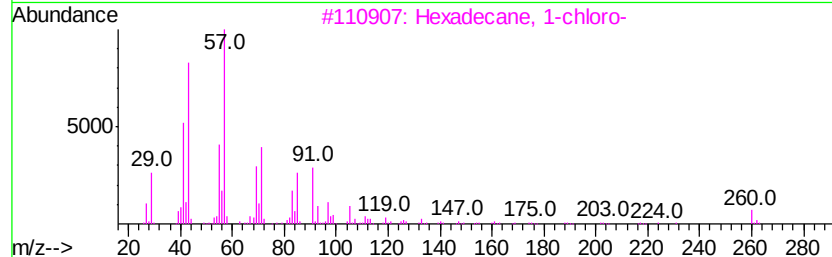
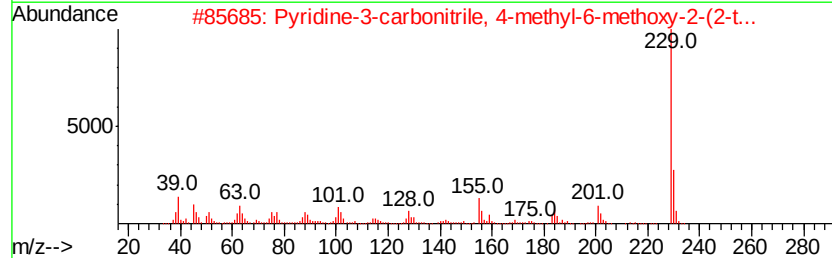
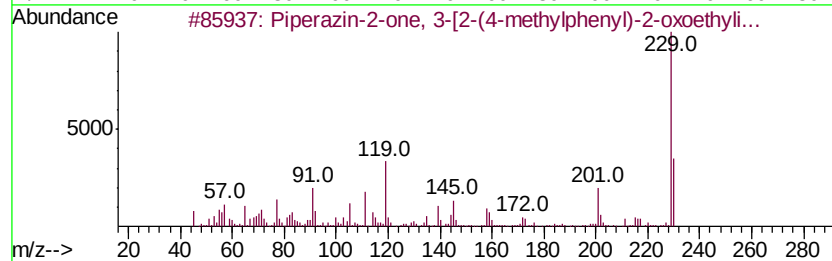
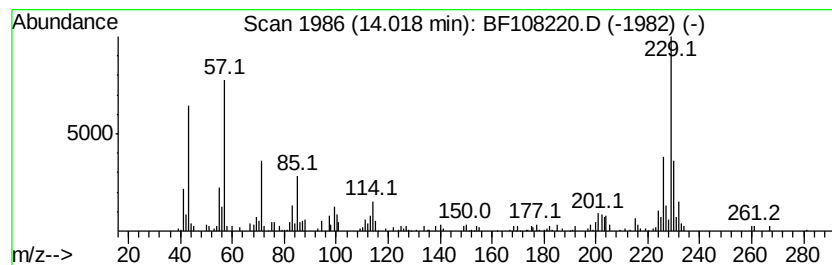
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown14.02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.02	2.03 ng	168213	Chrysene-d12	14.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazin-2-one, 3-[2-(4-methylp...	230	C13H14N2O2	063656-21-3	43
2	Pyridine-3-carbonitrile, 4-methy...	230	C12H10N2OS	1000264-04-1	38
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	35
4	10H-Phenothiazine, 3-methoxy-	229	C13H11NOS	001771-19-3	30
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108220.D
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Operator : JU/SJ
Sample : J4501-06
Misc :
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Instrument :
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ClientSampleId :
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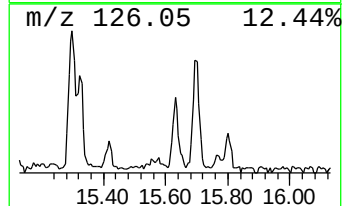
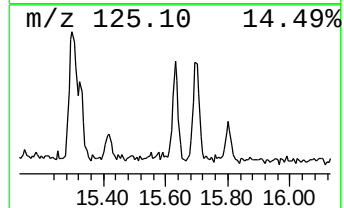
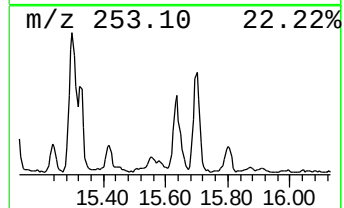
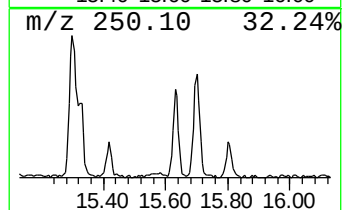
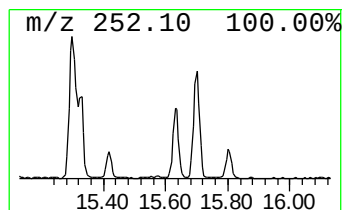
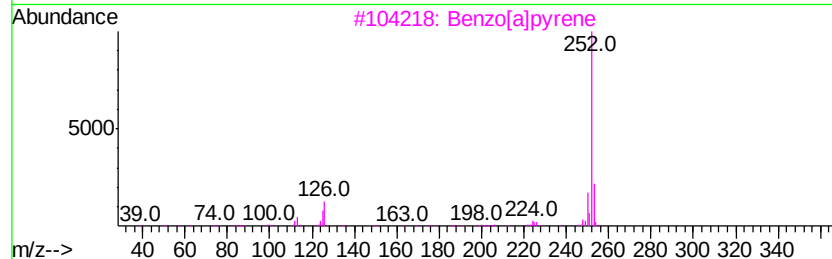
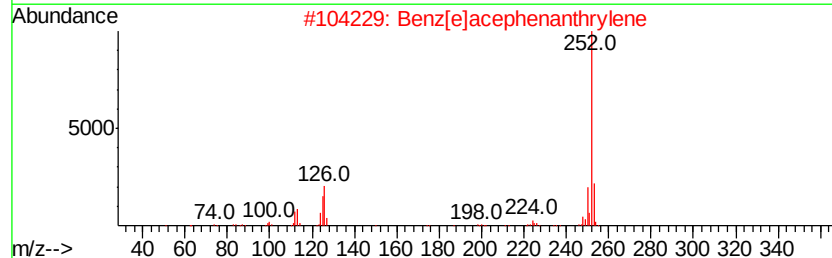
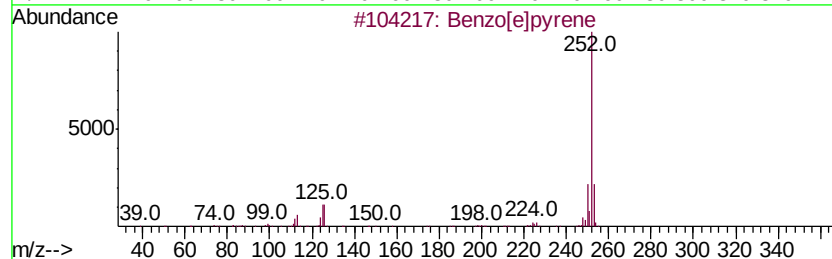
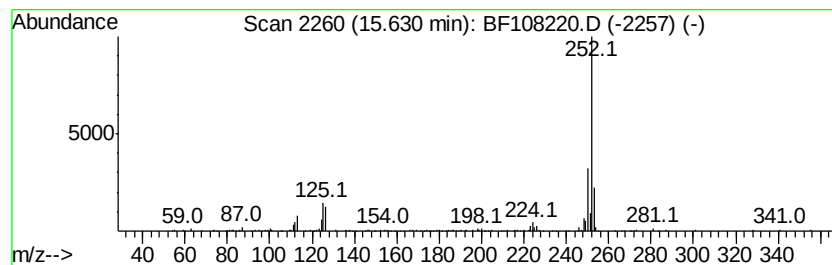
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	4.43 ng	193229	Perylene-d12	15.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]bpvrene	252	C20H12	000192-97-2	93
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Benzo[a]bpvrene	252	C20H12	000050-32-8	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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...	5.26	3.3	ng	154228	1	7.01	942030	20.0
unknown6.78	6.78	61.2	ng	2881170	1	7.01	942030	20.0
Pentadecane, 2,6,...	10.95	2.7	ng	142946	4	11.55	1070550	20.0
4H-Cyclopenta[def...	12.17	3.0	ng	158264	4	11.55	1070550	20.0
Bis(3-methylbutan...	12.53	2.0	ng	109776	4	11.55	1070550	20.0
unknown14.02	14.02	2.0	ng	168213	5	14.21	1659400	20.0
Benzo[e]pyrene	15.63	4.4	ng	193229	6	15.77	871567	20.0