

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013019\
 Data File : BF112325.D
 Acq On : 30 Jan 2019 16:51
 Operator : JU/SJ
 Sample : K1282-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

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-BF012519.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	2.140	3	9	15	rBV	127524	169761	3.85%	0.235%
2	5.063	502	506	517	rVB	145884	189101	4.28%	0.261%
3	5.481	573	577	593	rBV	3097050	3193557	72.34%	4.412%
4	6.487	743	748	766	rBV	3362405	3606904	81.70%	4.983%
5	6.616	766	770	773	rVV	4197911	3548409	80.38%	4.902%
6	6.839	804	808	815	rBV	1138578	1032623	23.39%	1.427%
7	6.992	830	834	838	rBV	2928487	2738252	62.03%	3.783%
8	7.398	898	903	914	rBV	2155345	2105699	47.70%	2.909%
9	8.122	1018	1026	1028	rBV	1270353	1340485	30.37%	1.852%
10	8.139	1028	1029	1034	rVV	375780	270627	6.13%	0.374%
11	8.833	1143	1147	1153	rVB	295397	266556	6.04%	0.368%
12	8.928	1159	1163	1168	rVB	228814	215175	4.87%	0.297%
13	9.192	1203	1208	1211	rBV	3895335	3370225	76.34%	4.656%
14	9.463	1249	1254	1258	rBV	119053	166475	3.77%	0.230%
15	9.533	1262	1266	1268	rBV	193157	207153	4.69%	0.286%
16	9.557	1268	1270	1272	rVV	127168	109009	2.47%	0.151%
17	9.586	1272	1275	1279	rVB	255189	251825	5.70%	0.348%
18	9.651	1282	1286	1290	rBV2	87067	99928	2.26%	0.138%
19	9.733	1297	1300	1304	rVB	149107	125643	2.85%	0.174%
20	9.875	1316	1324	1327	rBV	1554584	1485909	33.66%	2.053%
21	9.904	1327	1329	1333	rVB	1006013	790974	17.92%	1.093%
22	10.027	1346	1350	1354	rVV2	102211	121459	2.75%	0.168%
23	10.075	1354	1358	1362	rVV	494785	519313	11.76%	0.717%
24	10.116	1362	1365	1371	rVV	94582	107224	2.43%	0.148%
25	10.192	1374	1378	1380	rBV	89899	99702	2.26%	0.138%
26	10.280	1389	1393	1395	rVV	97112	123939	2.81%	0.171%
27	10.422	1413	1417	1422	rVB	868972	792799	17.96%	1.095%
28	10.504	1429	1431	1434	rVB2	122785	107505	2.44%	0.149%
29	10.580	1441	1444	1448	rVB	202852	204139	4.62%	0.282%
30	10.663	1454	1458	1464	rBV	2296723	2234726	50.62%	3.087%
31	10.786	1473	1479	1485	rVB3	134130	204385	4.63%	0.282%
32	10.969	1503	1510	1513	rBV3	196740	284065	6.43%	0.392%
33	10.998	1513	1515	1518	rVV	113734	111147	2.52%	0.154%
34	11.051	1521	1524	1527	rVB	111062	99326	2.25%	0.137%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.098	1527	1532	1534	rBV3	131795	193450	4.38%	0.267%
36	11.216	1547	1552	1555	rVV2	236713	297299	6.73%	0.411%
37	11.257	1555	1559	1564	rVB	332809	339066	7.68%	0.468%
38	11.363	1571	1577	1578	rBV	1241804	1214310	27.51%	1.678%
39	11.386	1578	1581	1585	rVV	4461834	4414559	100.00%	6.099%
40	11.433	1586	1589	1593	rVV	981089	934384	21.17%	1.291%
41	11.469	1593	1595	1598	rVB2	117649	120463	2.73%	0.166%
42	11.592	1612	1616	1623	rBV	294527	369733	8.38%	0.511%
43	11.651	1623	1626	1631	rBV3	111367	103585	2.35%	0.143%
44	11.863	1656	1662	1664	rBV	548534	554387	12.56%	0.766%
45	11.892	1664	1667	1672	rVV	774856	766052	17.35%	1.058%
46	11.939	1672	1675	1677	rVV	298931	262289	5.94%	0.362%
47	11.974	1677	1681	1683	rVV	877943	901472	20.42%	1.245%
48	11.998	1683	1685	1689	rVB	350212	309583	7.01%	0.428%
49	12.039	1689	1692	1696	rBV4	71446	116010	2.63%	0.160%
50	12.157	1708	1712	1715	rVB	366173	325991	7.38%	0.450%
51	12.304	1732	1737	1740	rVV	157408	179050	4.06%	0.247%
52	12.339	1740	1743	1745	rVV	122496	116329	2.64%	0.161%
53	12.410	1752	1755	1758	rVV	285584	308368	6.99%	0.426%
54	12.451	1758	1762	1764	rVV2	200104	272093	6.16%	0.376%
55	12.498	1767	1770	1775	rVB3	113981	178112	4.03%	0.246%
56	12.580	1779	1784	1787	rBV	4138994	3861667	87.48%	5.335%
57	12.616	1787	1790	1792	rVV2	102422	106632	2.42%	0.147%
58	12.727	1802	1809	1812	rBV	144679	208062	4.71%	0.287%
59	12.810	1816	1823	1828	rBV2	3511341	4173152	94.53%	5.766%
60	12.851	1828	1830	1835	rVB2	223941	260491	5.90%	0.360%
61	12.939	1839	1845	1848	rBV	2699117	2496330	56.55%	3.449%
62	12.963	1848	1849	1854	rVB	158813	126608	2.87%	0.175%
63	13.027	1854	1860	1863	rBV3	255468	457365	10.36%	0.632%
64	13.080	1866	1869	1871	rBV	112803	100995	2.29%	0.140%
65	13.133	1871	1878	1881	rVB	747632	973251	22.05%	1.345%
66	13.198	1886	1889	1892	rBV	631750	529303	11.99%	0.731%
67	13.233	1892	1895	1899	rVV2	341655	440142	9.97%	0.608%
68	13.327	1908	1911	1914	rBV	261449	236918	5.37%	0.327%
69	13.357	1914	1916	1920	rBV	265284	247472	5.61%	0.342%
70	13.510	1939	1942	1944	rBV3	91131	108226	2.45%	0.150%
71	13.557	1947	1950	1952	rVV	159910	168371	3.81%	0.233%

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72	13.615	1956	1960	1963	rBV2	130728	180851	4.10%	0.250%
73	13.645	1963	1965	1968	rVB2	115725	108306	2.45%	0.150%
74	13.751	1980	1983	1985	rBV	168548	161758	3.66%	0.223%
75	13.774	1985	1987	1990	rVB	282374	223220	5.06%	0.308%
76	13.804	1990	1992	1993	rBV	173632	145066	3.29%	0.200%
77	13.915	2007	2011	2017	rBV2	72906	142557	3.23%	0.197%
78	13.998	2017	2025	2028	rBV2	2044326	3166402	71.73%	4.375%
79	14.027	2028	2030	2038	rVB	1666781	1525755	34.56%	2.108%
80	14.110	2041	2044	2047	rVV	241247	225080	5.10%	0.311%
81	14.151	2048	2051	2053	rVV	132103	116425	2.64%	0.161%
82	14.227	2061	2064	2068	rVB3	156585	193794	4.39%	0.268%
83	14.386	2087	2091	2094	rVV	360490	391005	8.86%	0.540%
84	14.421	2094	2097	2100	rVV2	175864	160936	3.65%	0.222%
85	14.457	2100	2103	2106	rVV3	173209	225711	5.11%	0.312%
86	14.486	2106	2108	2110	rVV	152832	130615	2.96%	0.180%
87	14.515	2110	2113	2114	rVV	181401	171157	3.88%	0.236%
88	14.533	2114	2116	2120	rVV	222544	198605	4.50%	0.274%
89	14.580	2122	2124	2127	rVB	120406	100411	2.27%	0.139%
90	14.757	2152	2154	2159	rVB3	90657	110808	2.51%	0.153%
91	14.886	2173	2176	2179	rBV	136765	169793	3.85%	0.235%
92	15.045	2198	2203	2206	rBV	1213911	1845004	41.79%	2.549%
93	15.151	2218	2221	2226	rBV	231509	252507	5.72%	0.349%
94	15.345	2250	2254	2261	rVB	726209	972846	22.04%	1.344%
95	15.409	2261	2265	2270	rBV	1120562	1368737	31.01%	1.891%
96	15.468	2271	2275	2278	rVV	852368	1112338	25.20%	1.537%
97	15.504	2278	2281	2288	rVB2	294908	427654	9.69%	0.591%
98	15.898	2345	2348	2354	rVB4	99163	160004	3.62%	0.221%
99	16.945	2520	2526	2535	rVB	394400	718601	16.28%	0.993%
100	17.392	2596	2602	2612	rVB	294944	609674	13.81%	0.842%

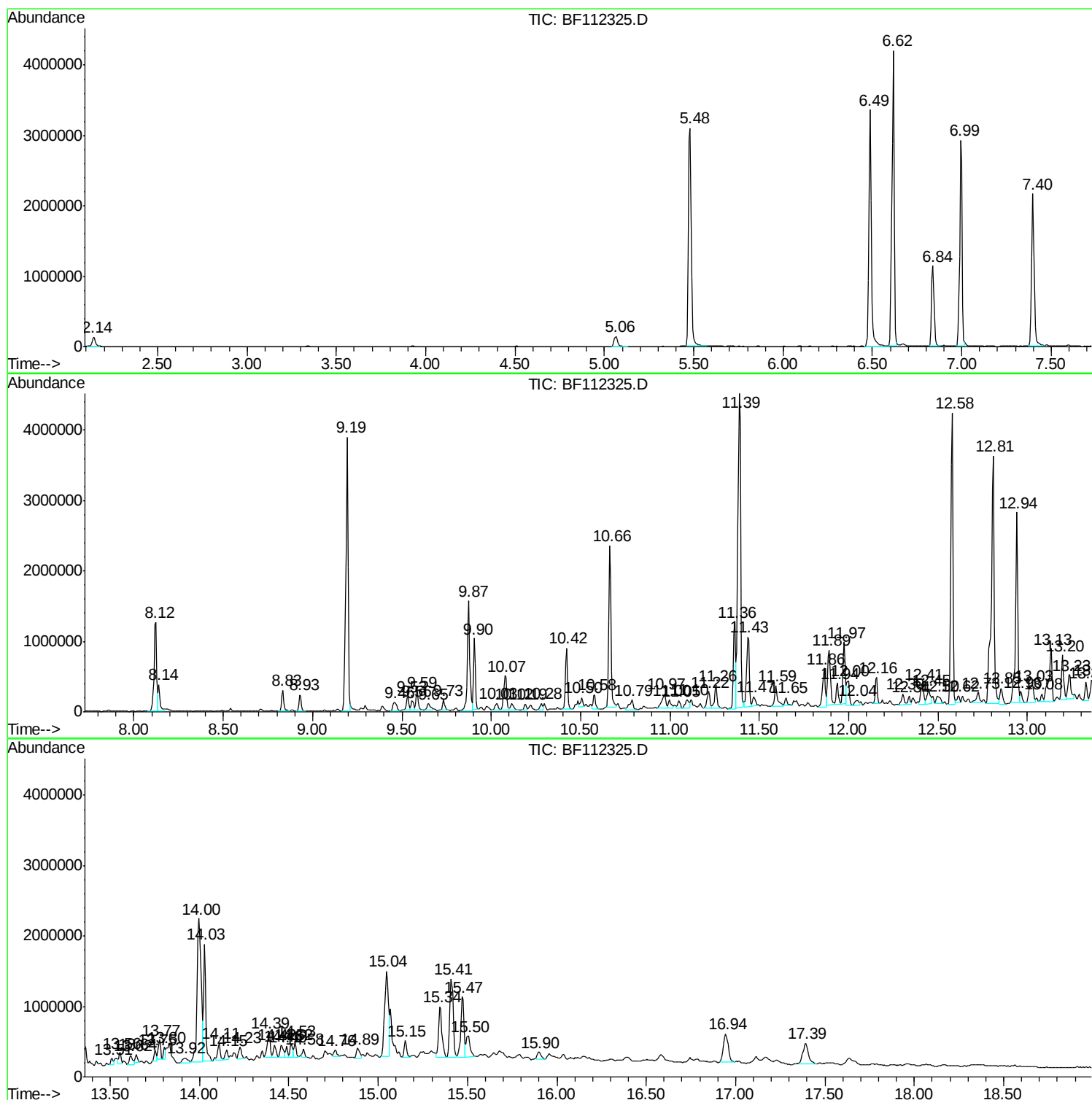
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Instrument :
BNA_F
ClientSampled :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.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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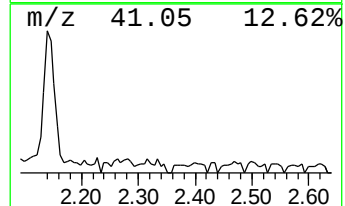
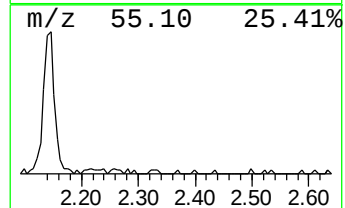
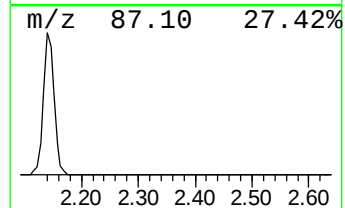
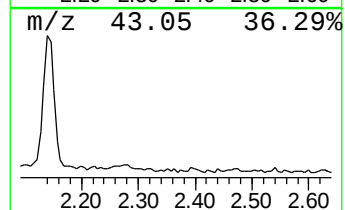
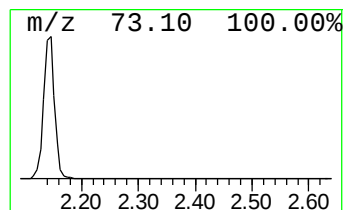
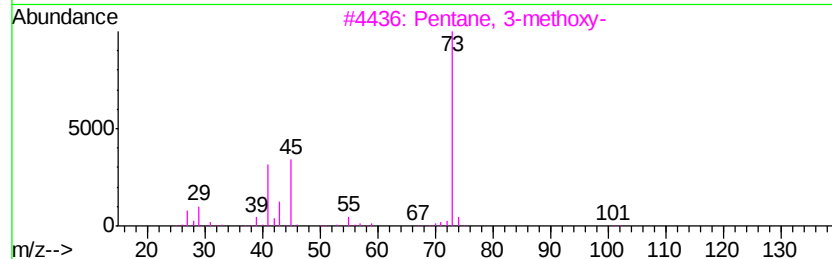
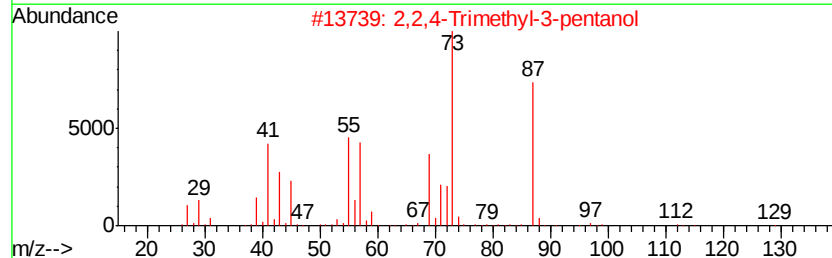
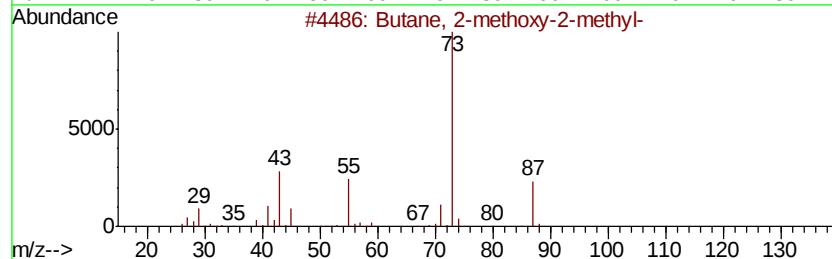
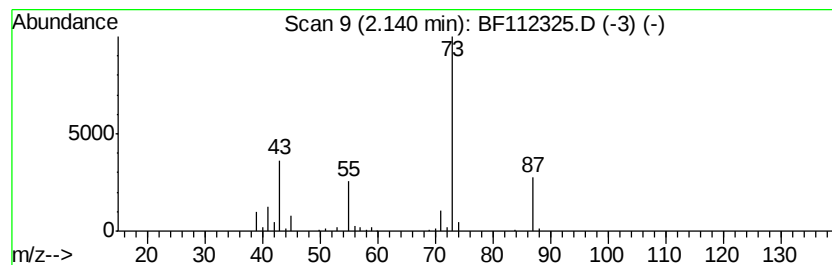
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	3.29 ng	169761	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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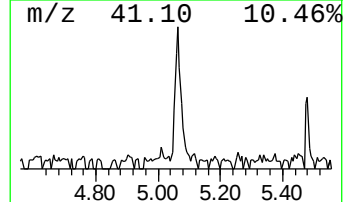
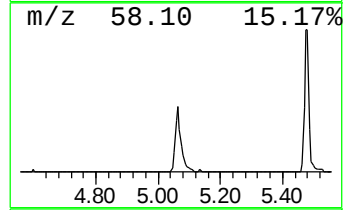
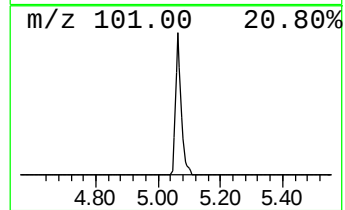
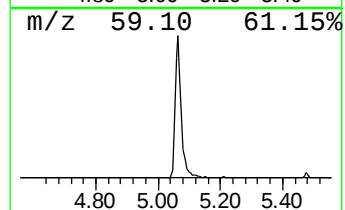
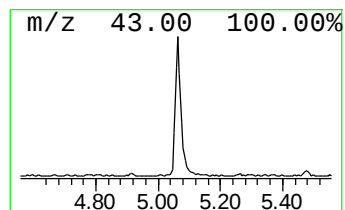
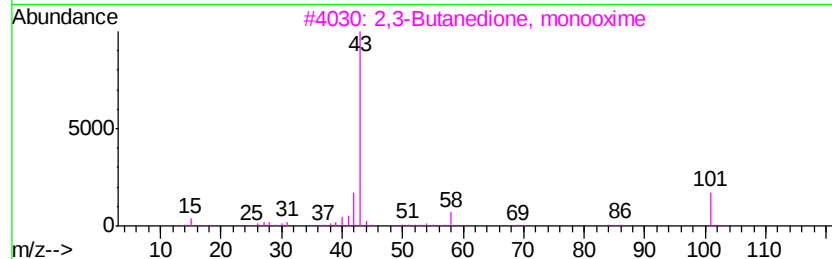
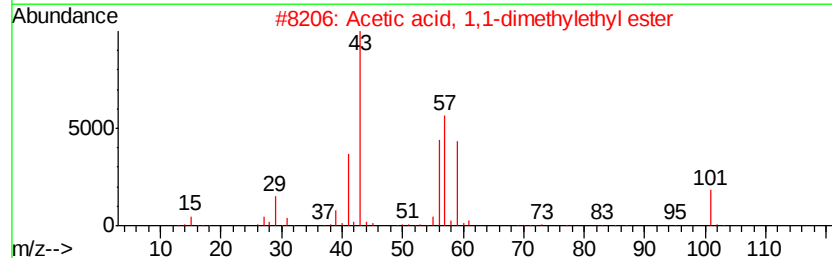
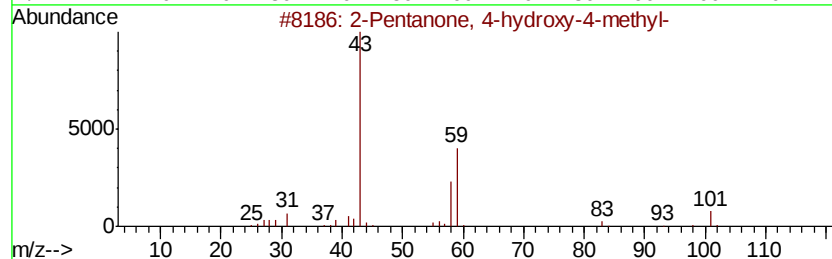
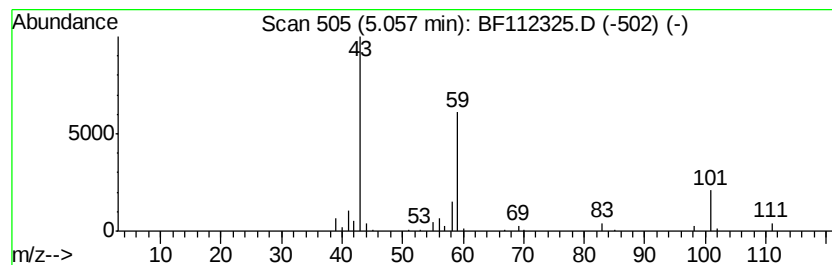
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	3.66 ng	189101	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12



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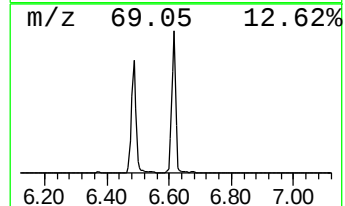
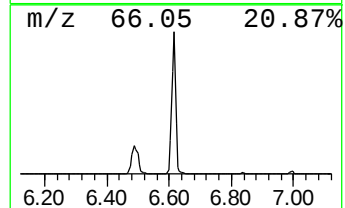
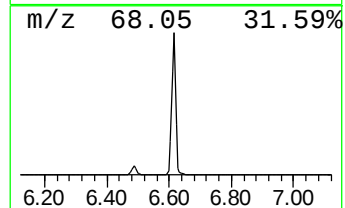
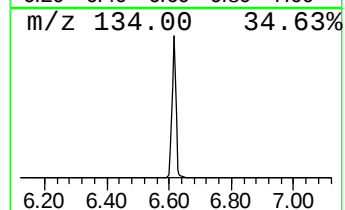
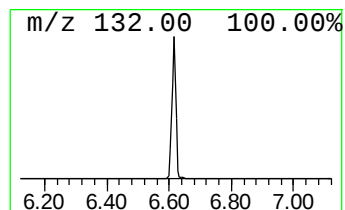
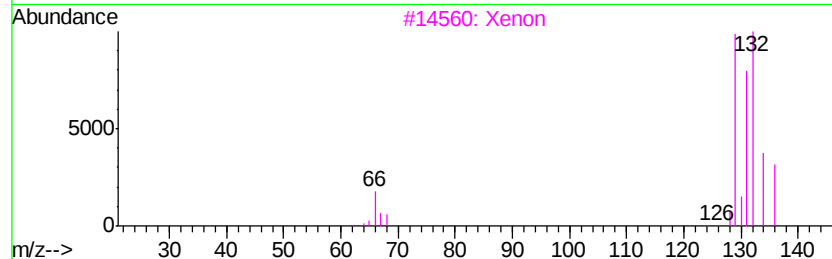
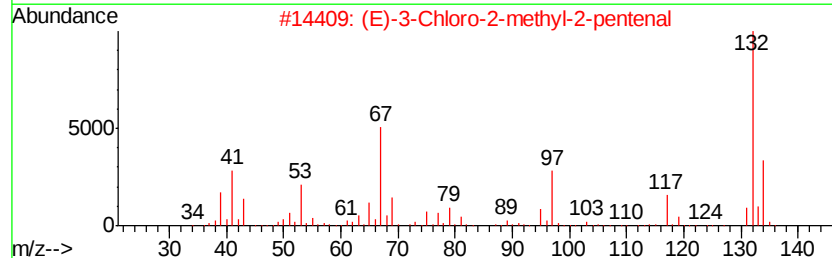
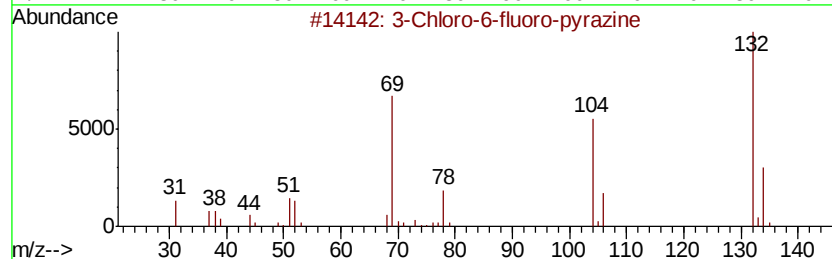
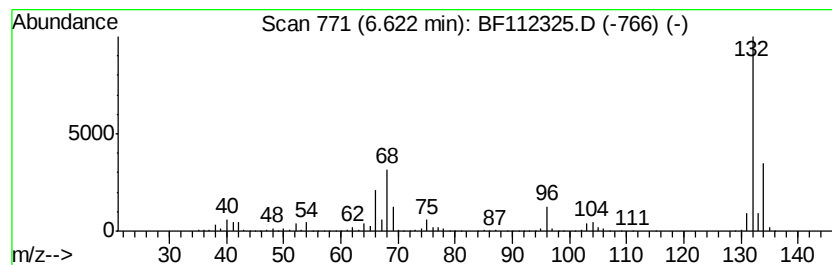
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	68.73 ng	3548410	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27		
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12		
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-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9		



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Data File : BF112325.D
Acq On : 30 Jan 2019 16:51
Operator : JU/SJ
Sample : K1282-17
Misc :
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ClientSampleId :
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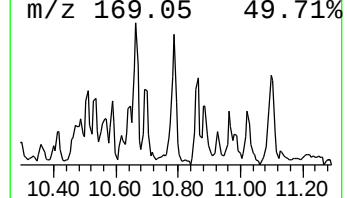
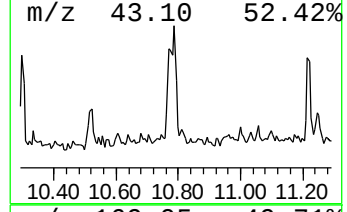
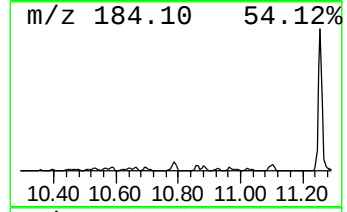
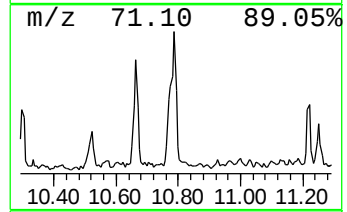
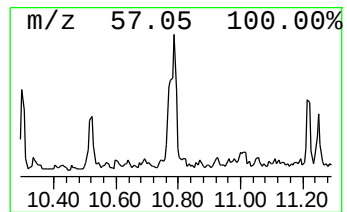
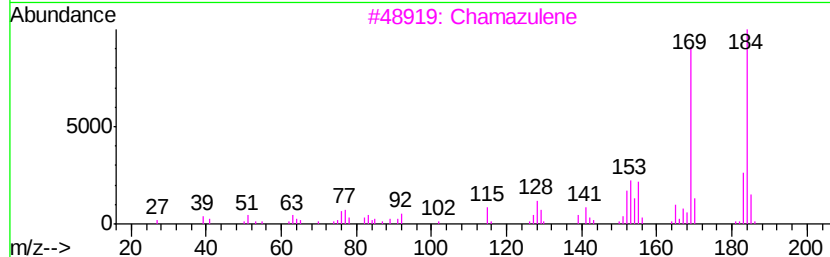
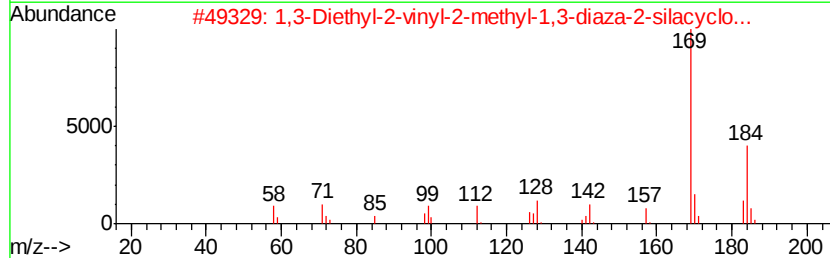
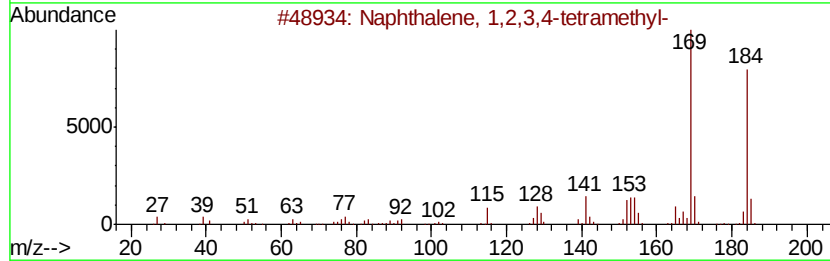
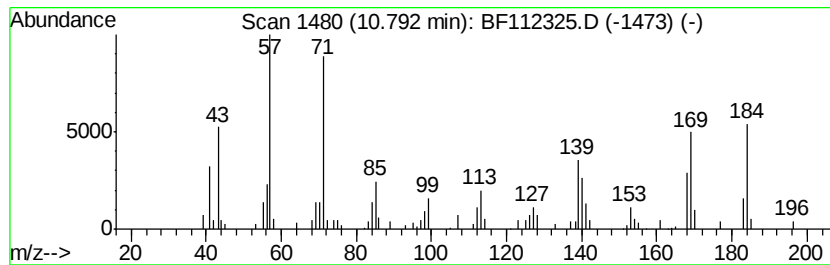
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetram... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	3.37 ng	204385	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	55
2		1,3-Diethyl-2-vinyl-2-methyl-1,3...	184	C9H20N2Si	051169-45-0	46
3		Chamazulene	184	C14H16	000529-05-5	46
4		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	42
5		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
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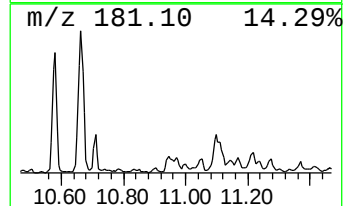
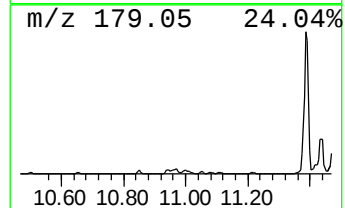
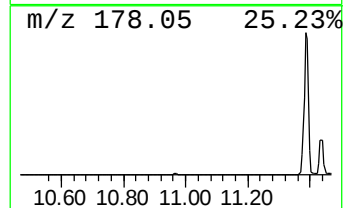
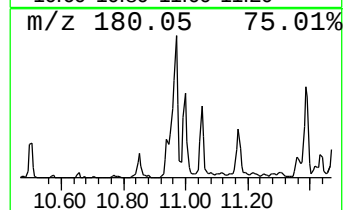
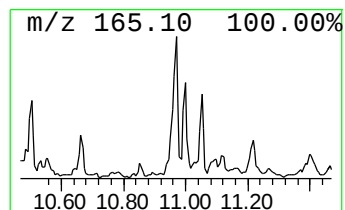
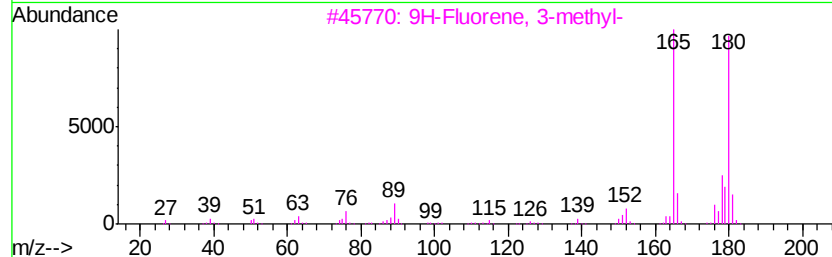
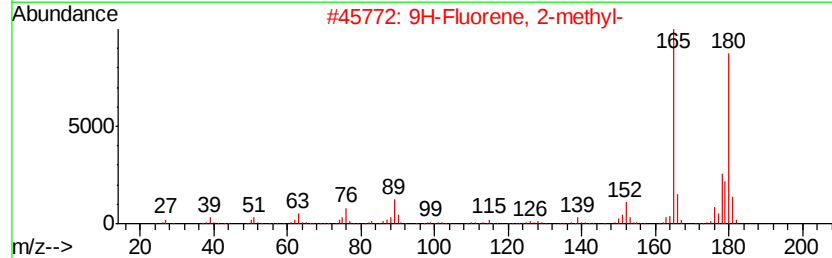
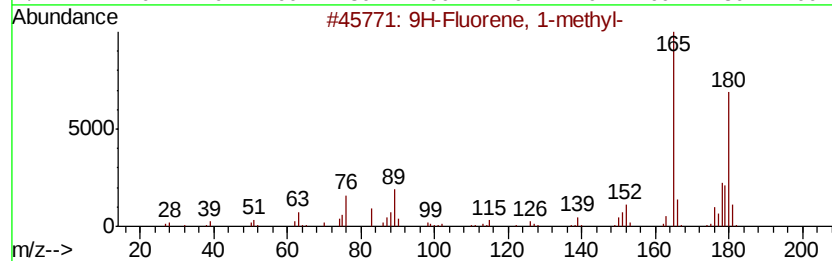
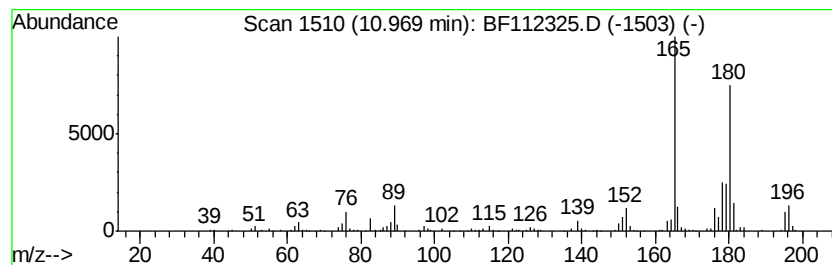
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	4.68 ng	284065	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	92



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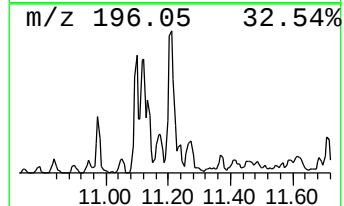
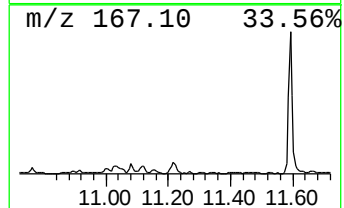
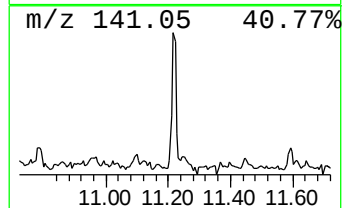
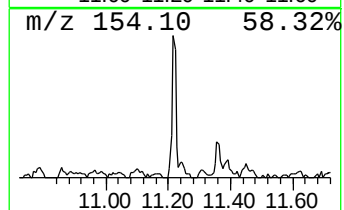
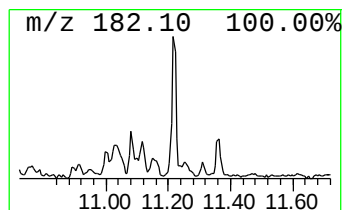
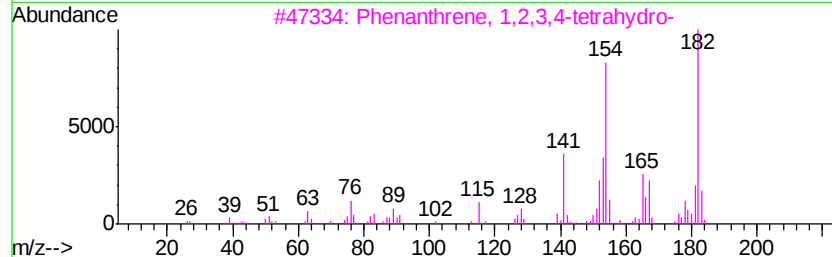
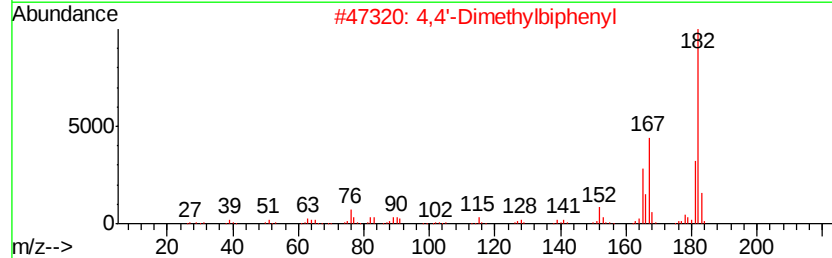
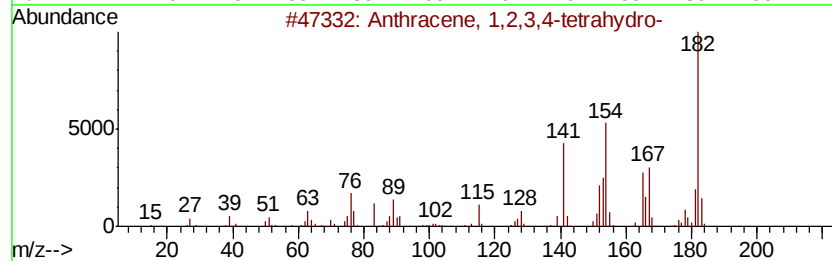
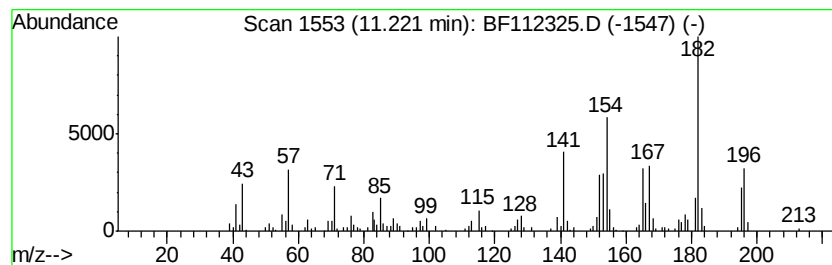
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	4.90 ng	297299	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	94
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	80
3			Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	55
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	52
5			Bicyclo[3.2.1]octane-6-carboxyli...	182	C10H14O3	1000362-16-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
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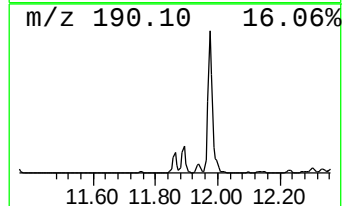
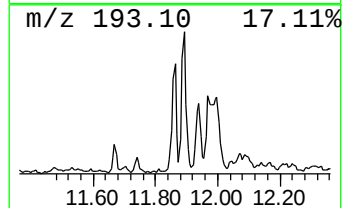
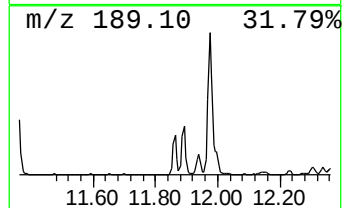
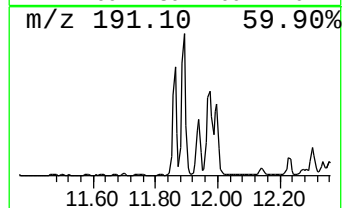
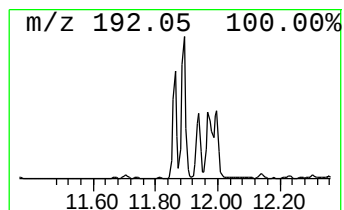
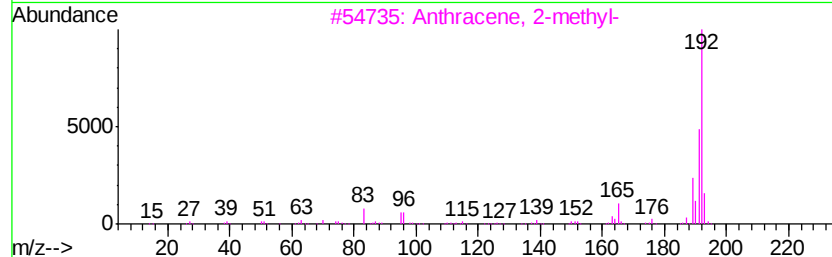
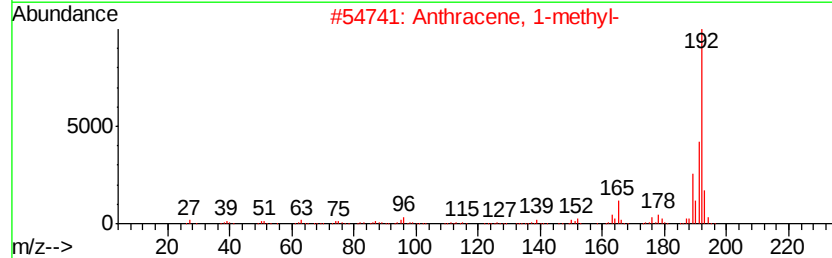
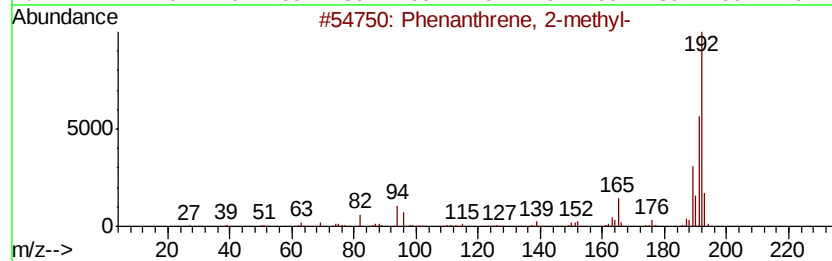
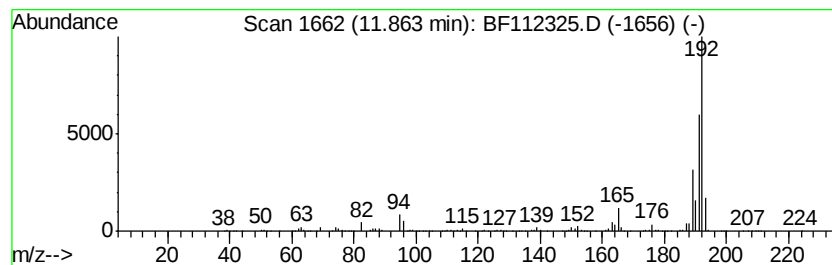
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	9.13 ng	554387	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91



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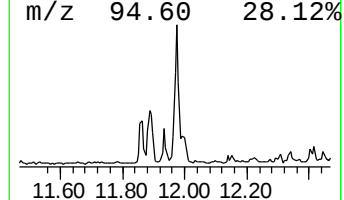
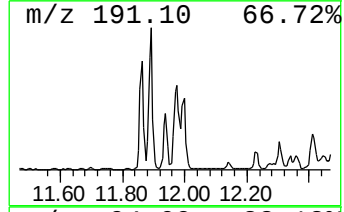
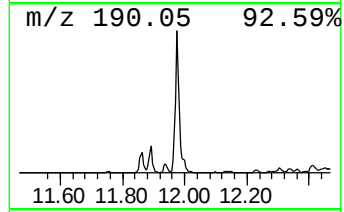
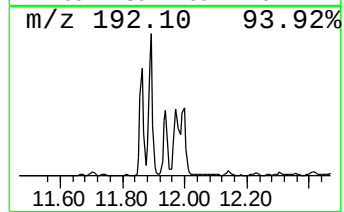
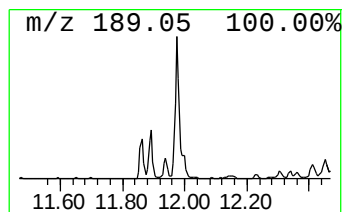
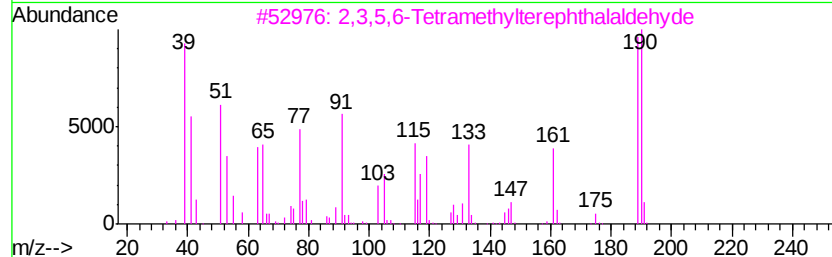
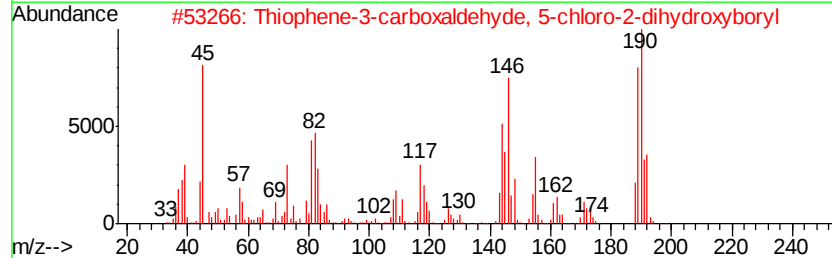
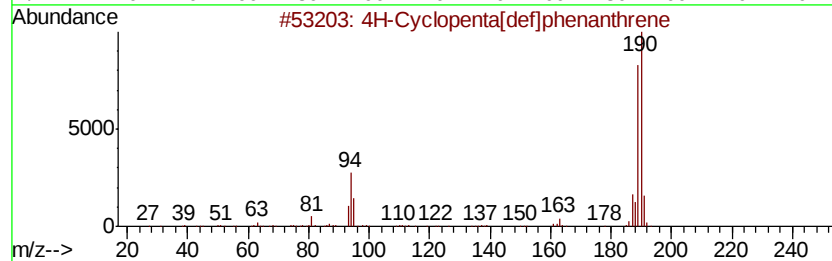
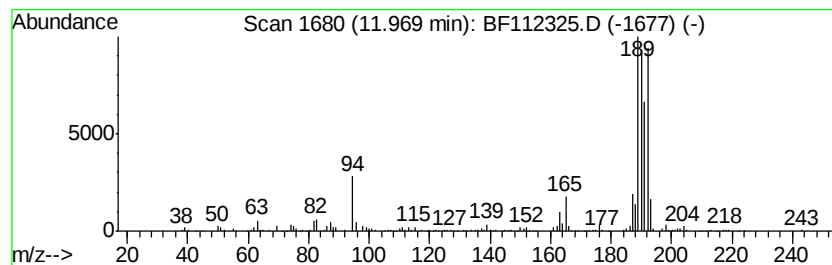
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	14.85 ng	901472	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40



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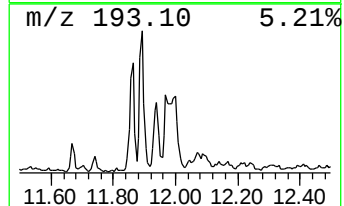
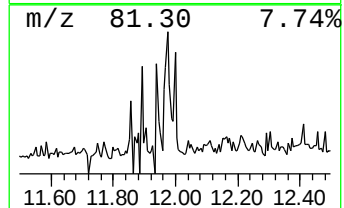
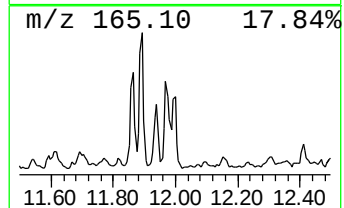
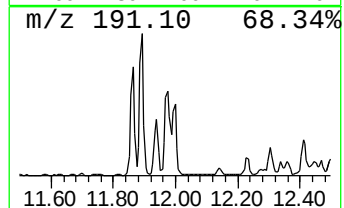
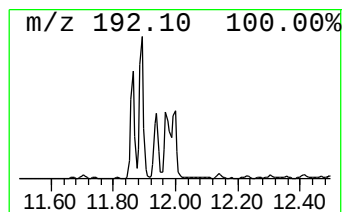
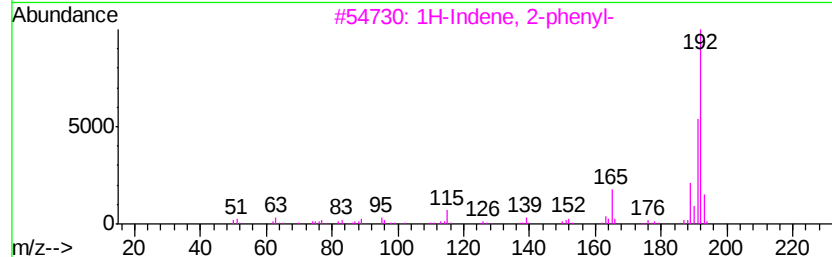
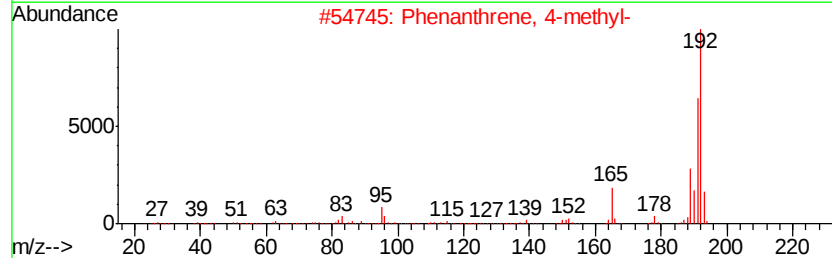
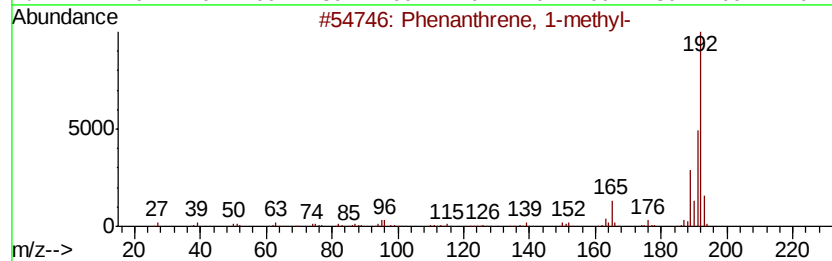
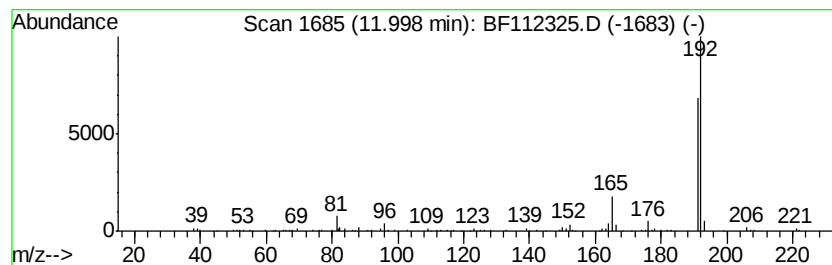
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.00	5.10 ng	309583	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86



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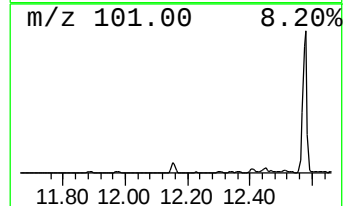
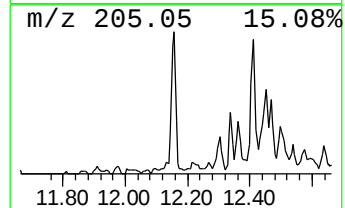
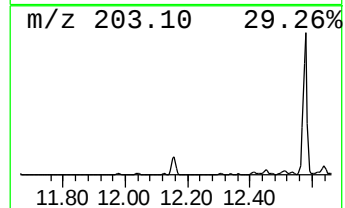
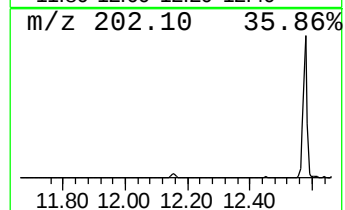
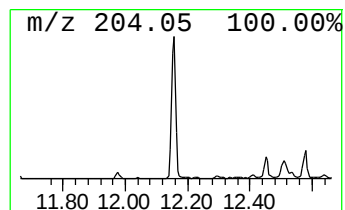
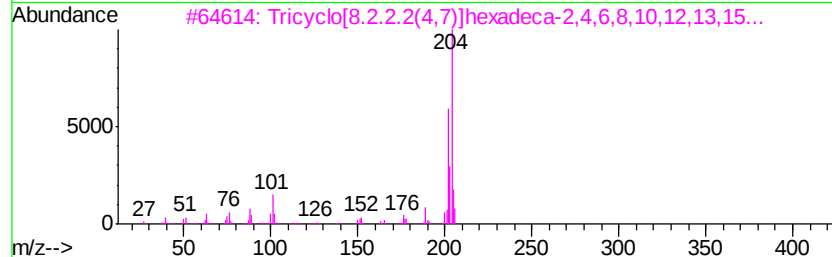
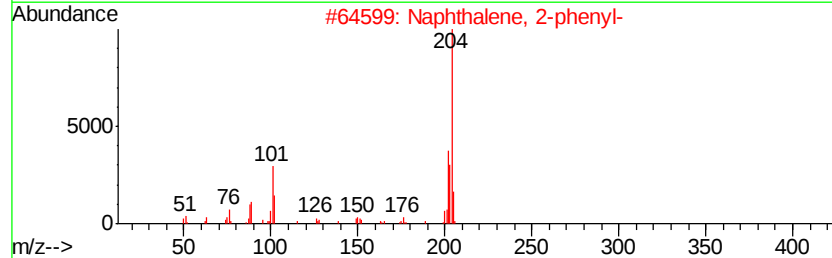
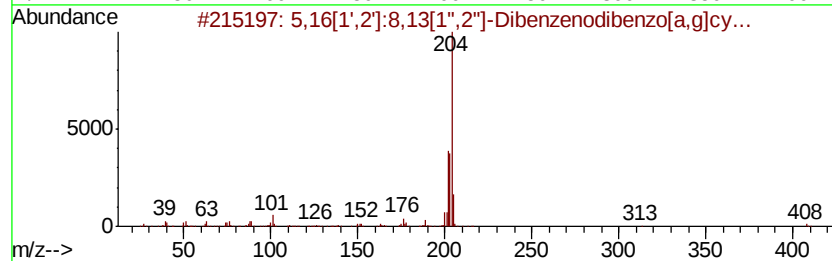
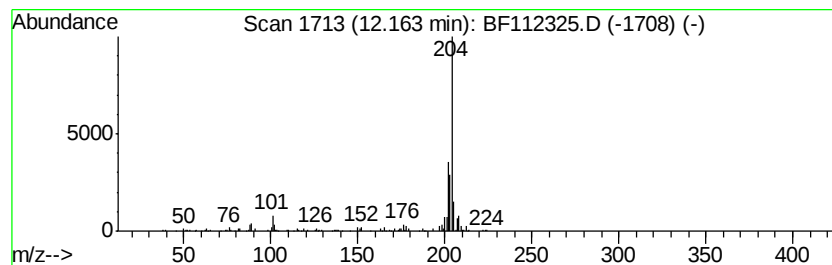
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	5.37 ng	325991	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
5		Pyrazol-5-ol, 3-(3,4-methylenedi...	204	C10H8N2O3	1000271-76-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112325.D
Acq On : 30 Jan 2019 16:51
Operator : JU/SJ
Sample : K1282-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

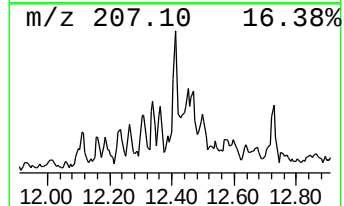
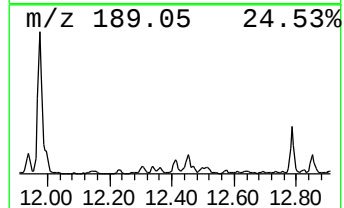
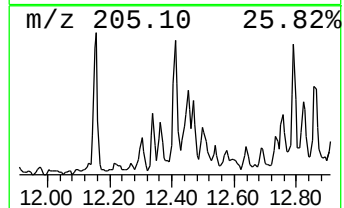
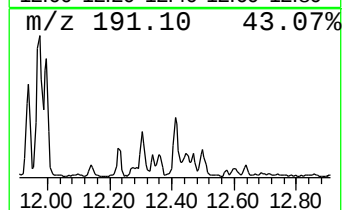
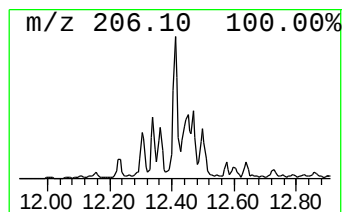
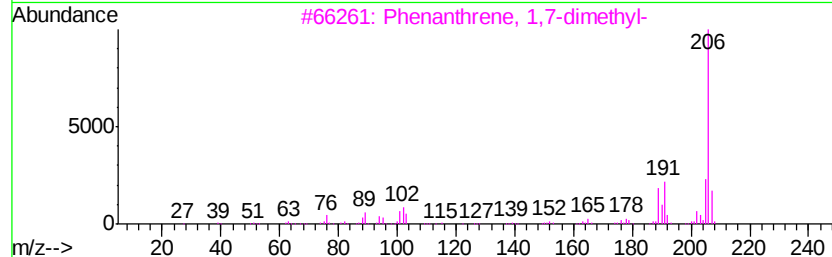
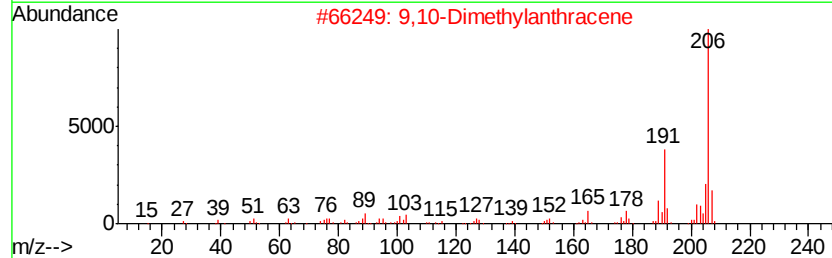
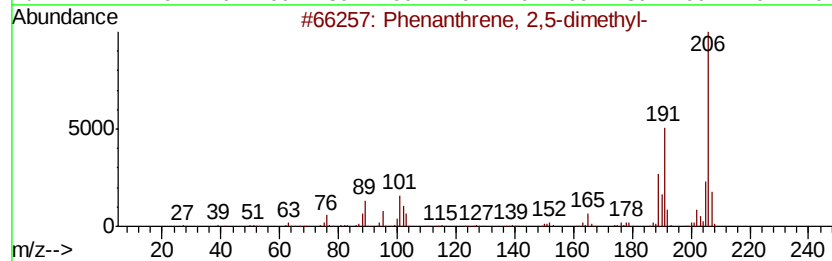
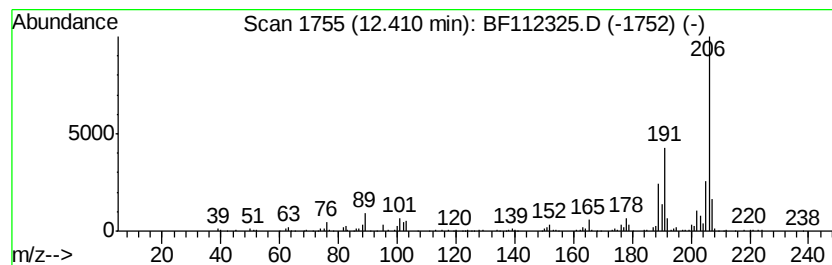
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	5.08 ng	308368	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112325.D
Acq On : 30 Jan 2019 16:51
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Sample : K1282-17
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ALS Vial : 7 Sample Multiplier: 1

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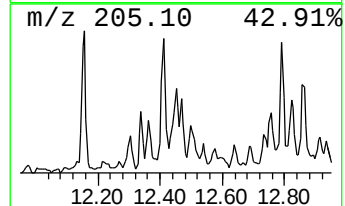
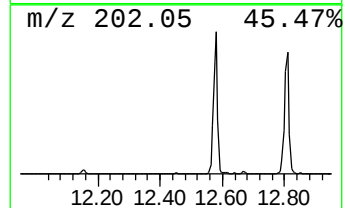
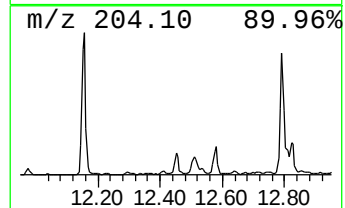
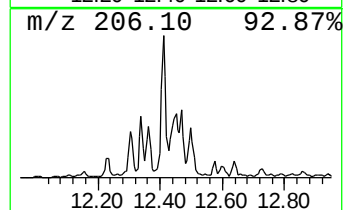
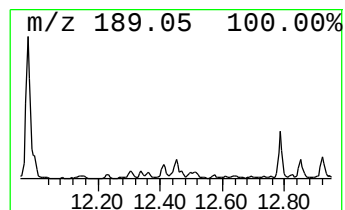
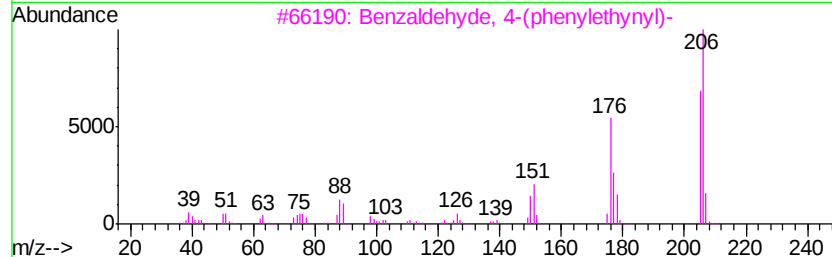
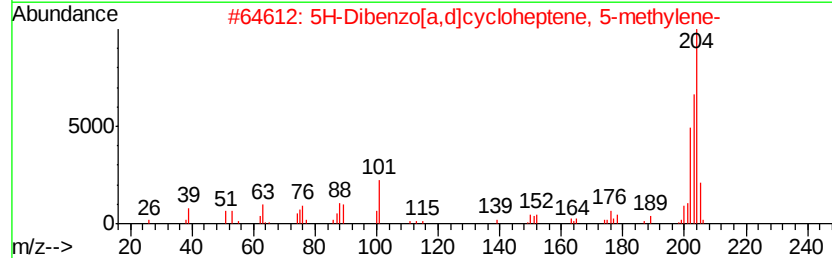
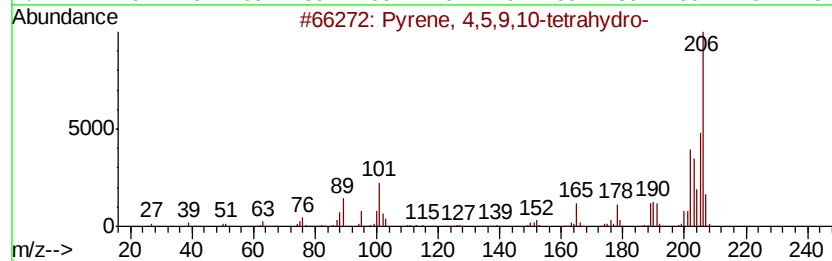
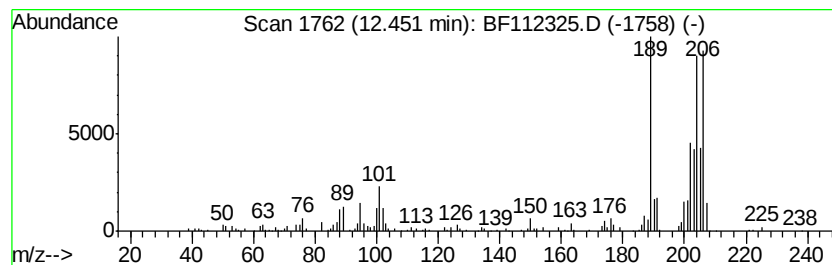
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.45 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.48 ng	272093	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2		5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
3		Benzaldehyde, 4-(phenylethynyl)-	206	C15H10O	057341-98-7	35
4		Glycine, N-(2,2,2-trichloroethox...	277	C7H10Cl3NO4	1000313-51-2	27
5		2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112325.D
Acq On : 30 Jan 2019 16:51
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Sample : K1282-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

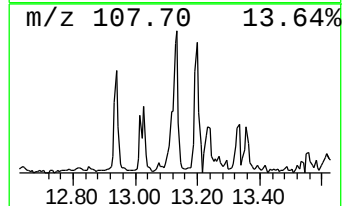
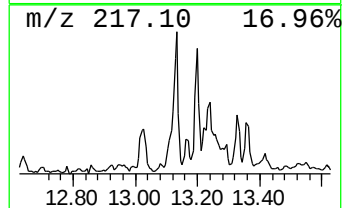
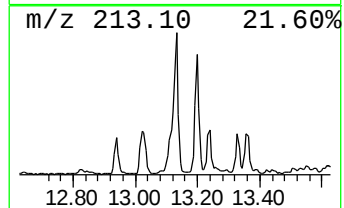
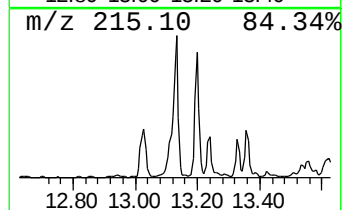
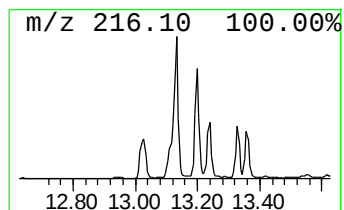
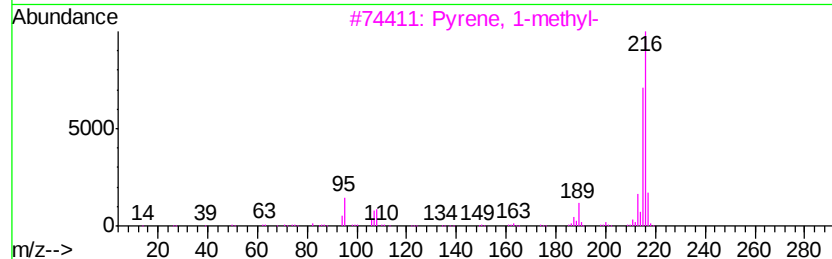
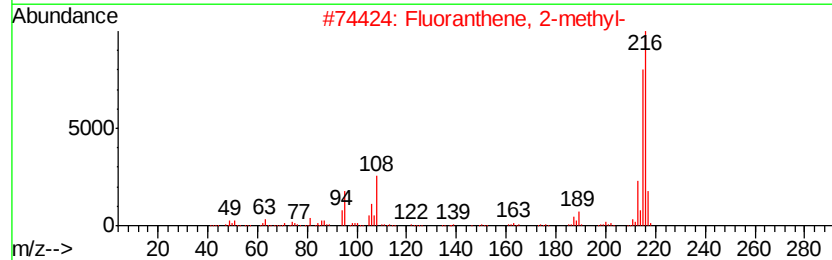
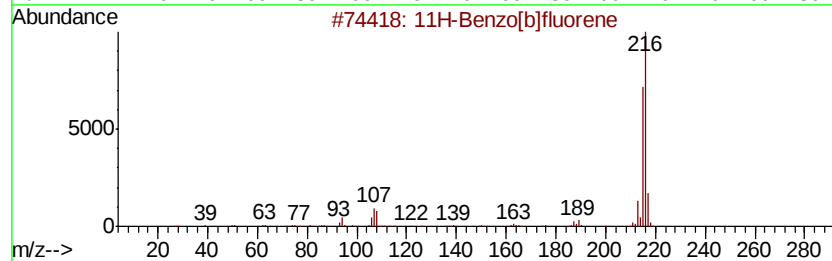
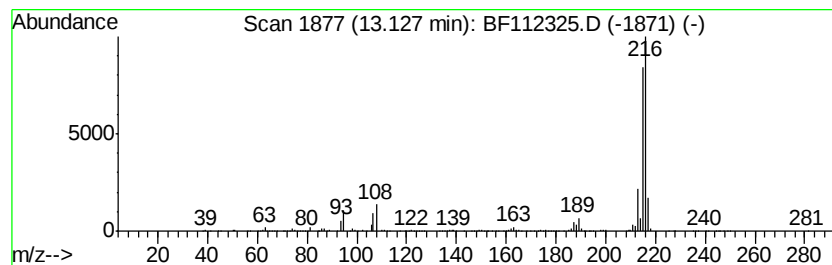
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	6.15 ng	973251	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	94
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
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Acq On : 30 Jan 2019 16:51
Operator : JU/SJ
Sample : K1282-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

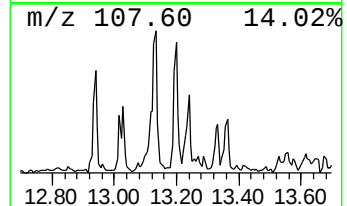
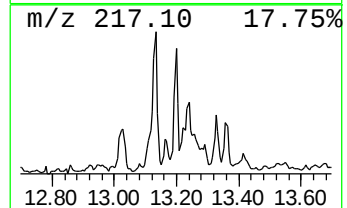
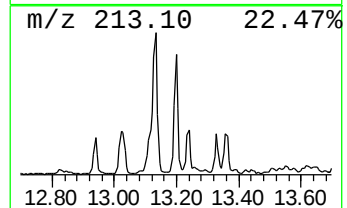
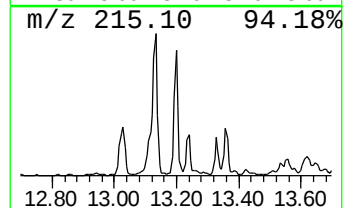
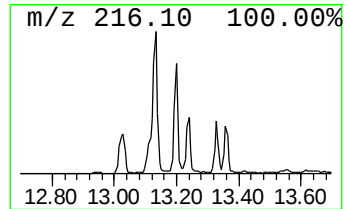
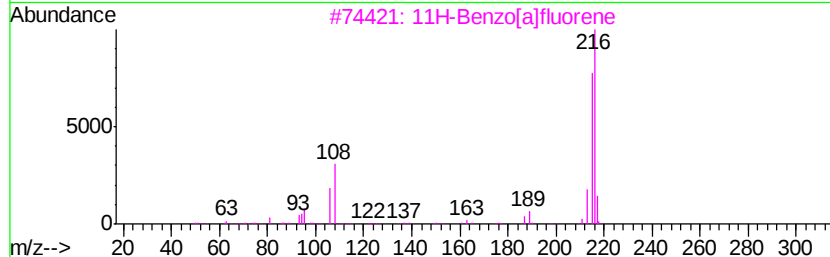
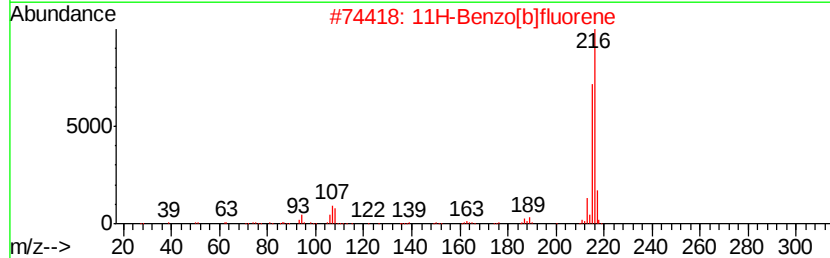
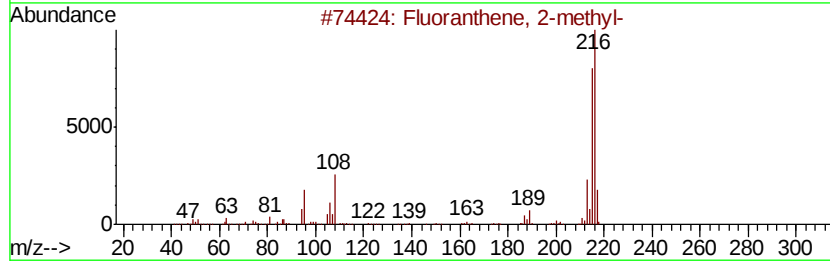
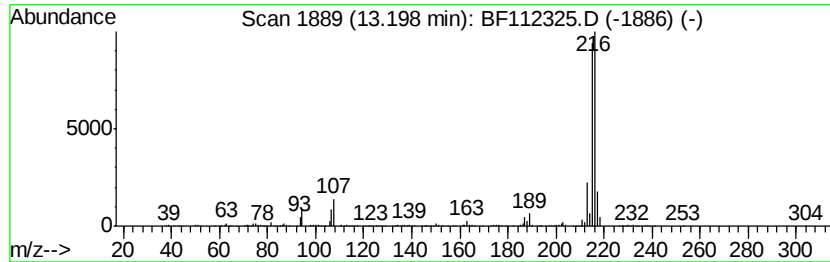
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.20	3.34 ng	529303	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112325.D
Acq On : 30 Jan 2019 16:51
Operator : JU/SJ
Sample : K1282-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

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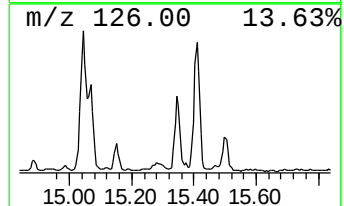
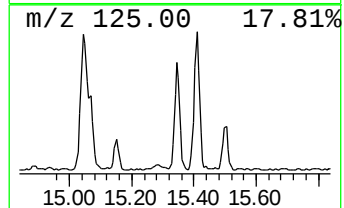
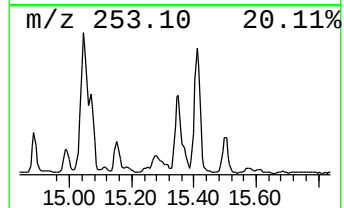
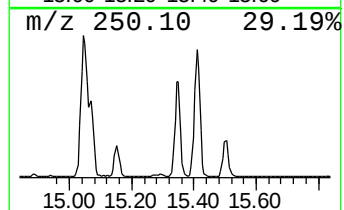
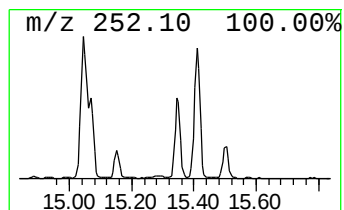
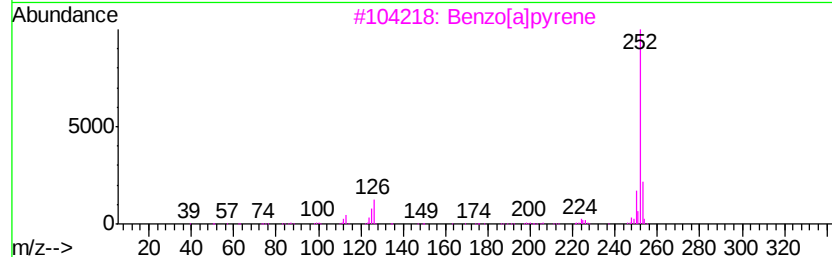
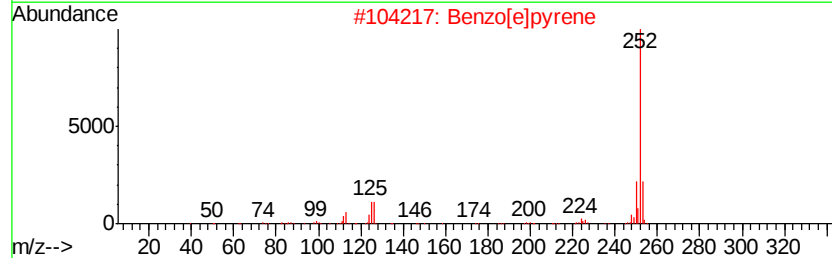
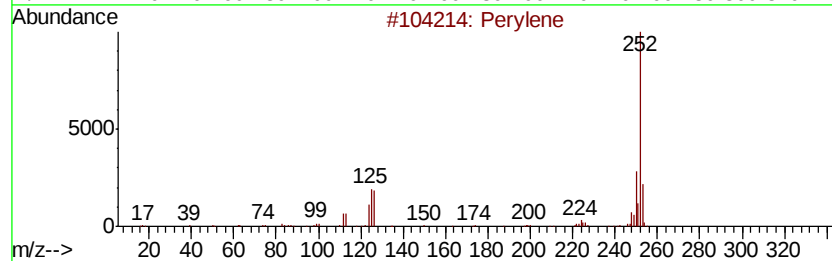
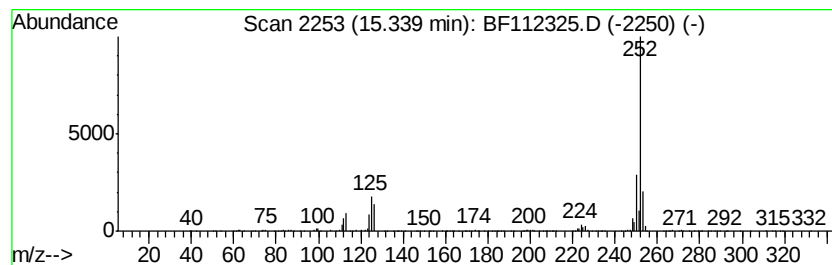
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	17.49 ng	972846	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	99
3		Benzo[a]pyrene	252	C20H12	000050-32-8	98
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013019\
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 Sample : K1282-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.14	3.3	ng	169761	1	6.84	1032620	20.0
2-Pentanone, 4-hy...	5.06	3.7	ng	189101	1	6.84	1032620	20.0
unknown6.62	6.62	68.7	ng	3548410	1	6.84	1032620	20.0
Naphthalene, 1,2,...	10.79	3.4	ng	204385	4	11.36	1214310	20.0
9H-Fluorene, 1-me...	10.97	4.7	ng	284065	4	11.36	1214310	20.0
Anthracene, 1,2,3...	11.22	4.9	ng	297299	4	11.36	1214310	20.0
Phenanthrene, 2-m...	11.86	9.1	ng	554387	4	11.36	1214310	20.0
4H-Cyclopenta[def...	11.97	14.9	ng	901472	4	11.36	1214310	20.0
Phenanthrene, 1-m...	12.00	5.1	ng	309583	4	11.36	1214310	20.0
5,16[1',2']:8,13[...	12.16	5.4	ng	325991	4	11.36	1214310	20.0
Phenanthrene, 2,5...	12.41	5.1	ng	308368	4	11.36	1214310	20.0
unknown12.45	12.45	4.5	ng	272093	4	11.36	1214310	20.0
11H-Benzo[b]fluorene	13.13	6.2	ng	973251	5	14.00	3166400	20.0
Fluoranthene, 2-m...	13.20	3.3	ng	529303	5	14.00	3166400	20.0
Perylene	15.34	17.5	ng	972846	6	15.47	1112340	20.0