

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
 Data File : BF112487.D
 Acq On : 11 Feb 2019 18:10
 Operator : JU/SJ
 Sample : K1454-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

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	2.128	3	7	14	rVB	148673	196234	4.79%	0.329%
2	5.063	502	506	519	rVB	122868	194686	4.76%	0.327%
3	5.475	572	576	598	rBV	3527700	3580641	87.49%	6.010%
4	6.486	743	748	765	rBV	3394835	4092699	100.00%	6.870%
5	6.610	765	769	773	rVV	4051316	4049480	98.94%	6.797%
6	6.675	777	780	792	rVB3	21842	55155	1.35%	0.093%
7	6.833	803	807	813	rBV	975734	872515	21.32%	1.465%
8	6.992	829	834	837	rBV	3343847	3090622	75.52%	5.188%
9	7.398	898	903	906	rBV	2578827	2458928	60.08%	4.128%
10	8.116	1021	1025	1044	rVB	1133762	1179266	28.81%	1.980%
11	9.186	1202	1207	1210	rBV	4419910	4015732	98.12%	6.741%
12	9.527	1260	1265	1268	rBV2	44877	53223	1.30%	0.089%
13	9.580	1271	1274	1282	rVB	418777	370719	9.06%	0.622%
14	9.727	1296	1299	1305	rVB	74995	71867	1.76%	0.121%
15	9.869	1314	1323	1326	rBV	1295023	1192172	29.13%	2.001%
16	9.898	1326	1328	1332	rVB	152642	135291	3.31%	0.227%
17	10.074	1352	1358	1362	rBV2	84122	88605	2.16%	0.149%
18	10.274	1387	1392	1394	rBV3	36659	52948	1.29%	0.089%
19	10.416	1413	1416	1421	rVB	125016	121647	2.97%	0.204%
20	10.574	1440	1443	1447	rVB	51342	51016	1.25%	0.086%
21	10.663	1454	1458	1472	rBV	2647422	2426376	59.29%	4.073%
22	10.763	1472	1475	1477	rBV2	47970	45717	1.12%	0.077%
23	10.969	1503	1510	1512	rBV4	49882	81650	2.00%	0.137%
24	11.092	1526	1531	1533	rBV4	46740	65921	1.61%	0.111%
25	11.169	1540	1544	1548	rBV	77321	82540	2.02%	0.139%
26	11.210	1548	1551	1554	rVV3	105672	118215	2.89%	0.198%
27	11.251	1555	1558	1563	rVB	96991	109308	2.67%	0.183%
28	11.357	1572	1576	1578	rBV	1176452	1044295	25.52%	1.753%
29	11.380	1578	1580	1584	rVV	1669934	1358148	33.18%	2.280%
30	11.433	1586	1589	1592	rVB	299746	258595	6.32%	0.434%
31	11.592	1612	1616	1621	rBV2	126486	184561	4.51%	0.310%
32	11.639	1621	1624	1628	rVV2	91988	112467	2.75%	0.189%
33	11.686	1630	1632	1637	rVB2	40121	63319	1.55%	0.106%
34	11.857	1658	1661	1663	rBV	289533	254946	6.23%	0.428%

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35	11.886	1663	1666	1672	rVV2	454115	584856	14.29%	0.982%
36	11.933	1672	1674	1677	rVV	128988	114341	2.79%	0.192%
37	11.968	1677	1680	1683	rVV	393694	462363	11.30%	0.776%
38	11.992	1683	1684	1689	rVB	211921	151321	3.70%	0.254%
39	12.045	1689	1693	1695	rBV2	72678	79306	1.94%	0.133%
40	12.151	1708	1711	1714	rVV	184417	149069	3.64%	0.250%
41	12.192	1715	1718	1721	rVB	131512	126019	3.08%	0.212%
42	12.298	1731	1736	1740	rBV2	125024	176572	4.31%	0.296%
43	12.333	1740	1742	1744	rVV	85331	69772	1.70%	0.117%
44	12.357	1744	1746	1751	rVB2	58374	58654	1.43%	0.098%
45	12.410	1751	1755	1757	rBV	241533	237307	5.80%	0.398%
46	12.451	1757	1762	1763	rVV3	111276	190929	4.67%	0.320%
47	12.468	1763	1765	1767	rVB	76712	59816	1.46%	0.100%
48	12.504	1767	1771	1774	rBV2	181710	200915	4.91%	0.337%
49	12.574	1779	1783	1786	rBV	2464610	2151131	52.56%	3.611%
50	12.633	1791	1793	1796	rVV2	70489	71942	1.76%	0.121%
51	12.663	1796	1798	1804	rVV5	117409	151930	3.71%	0.255%
52	12.721	1804	1808	1811	rVV2	110304	140084	3.42%	0.235%
53	12.804	1816	1822	1828	rBV	2432579	2752935	67.26%	4.621%
54	12.857	1828	1831	1834	rVB2	138925	154390	3.77%	0.259%
55	12.939	1837	1845	1848	rBV	3097783	2808605	68.62%	4.715%
56	12.968	1848	1850	1854	rVB2	111390	102571	2.51%	0.172%
57	13.021	1854	1859	1866	rBV4	206181	376321	9.19%	0.632%
58	13.127	1875	1877	1880	rVB	258163	249413	6.09%	0.419%
59	13.198	1886	1889	1891	rVV	111253	95212	2.33%	0.160%
60	13.233	1891	1895	1899	rVV2	300799	366874	8.96%	0.616%
61	13.286	1902	1904	1907	rVB3	47830	49189	1.20%	0.083%
62	13.327	1908	1911	1914	rBV	240242	215029	5.25%	0.361%
63	13.357	1914	1916	1920	rBV	224756	207546	5.07%	0.348%
64	13.504	1939	1941	1943	rBV2	65959	51878	1.27%	0.087%
65	13.551	1947	1949	1952	rVV2	52592	50650	1.24%	0.085%
66	13.645	1962	1965	1969	rVB	273928	235844	5.76%	0.396%
67	13.704	1972	1975	1978	rVB	45555	49077	1.20%	0.082%
68	13.751	1978	1983	1985	rBV	261844	301068	7.36%	0.505%
69	13.774	1985	1987	1990	rVV	290920	248806	6.08%	0.418%
70	13.804	1990	1992	1994	rVV	229153	232012	5.67%	0.389%
71	13.827	1994	1996	1999	rVV2	276712	321869	7.86%	0.540%

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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

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72	13.857	1999	2001	2004	rVB	247394	211765	5.17%	0.355%
73	13.998	2018	2025	2028	rBV2	1607839	2515102	61.45%	4.222%
74	14.027	2028	2030	2034	rVB	1273274	1164833	28.46%	1.955%
75	14.109	2042	2044	2047	rVB	172402	127811	3.12%	0.215%
76	14.145	2047	2050	2053	rBV4	77817	115000	2.81%	0.193%
77	14.233	2061	2065	2068	rVB2	90565	106930	2.61%	0.179%
78	14.321	2078	2080	2083	rVB	65401	52516	1.28%	0.088%
79	14.351	2083	2085	2087	rBV	100905	96505	2.36%	0.162%
80	14.392	2087	2092	2095	rBV	318707	326409	7.98%	0.548%
81	14.421	2095	2097	2099	rBV	115965	85451	2.09%	0.143%
82	14.451	2099	2102	2103	rBV2	92115	91036	2.22%	0.153%
83	14.515	2111	2113	2115	rBV	145074	126575	3.09%	0.212%
84	14.580	2121	2124	2127	rVB2	115082	130498	3.19%	0.219%
85	14.715	2144	2147	2150	rBV2	102779	146267	3.57%	0.246%
86	14.751	2151	2153	2156	rVB	129880	118949	2.91%	0.200%
87	14.827	2163	2166	2168	rVB2	129662	127344	3.11%	0.214%
88	14.886	2174	2176	2180	rBV	153394	168214	4.11%	0.282%
89	15.051	2199	2204	2207	rBV	1174466	1811435	44.26%	3.041%
90	15.156	2219	2222	2226	rBV	199821	216421	5.29%	0.363%
91	15.351	2251	2255	2261	rVB	786023	949394	23.20%	1.594%
92	15.415	2262	2266	2270	rVV	1037465	1287576	31.46%	2.161%
93	15.474	2271	2276	2279	rVV	653866	909799	22.23%	1.527%
94	15.509	2279	2282	2288	rVB2	265766	386857	9.45%	0.649%
95	15.886	2343	2346	2350	rBV2	62071	83002	2.03%	0.139%
96	16.962	2522	2529	2536	rBV	436357	835763	20.42%	1.403%
97	17.127	2552	2557	2563	rBV2	94056	219433	5.36%	0.368%
98	17.186	2565	2567	2574	rVB2	63915	115057	2.81%	0.193%
99	17.409	2599	2605	2614	rVB	313059	671207	16.40%	1.127%
100	17.656	2644	2647	2658	rVB2	86868	201166	4.92%	0.338%

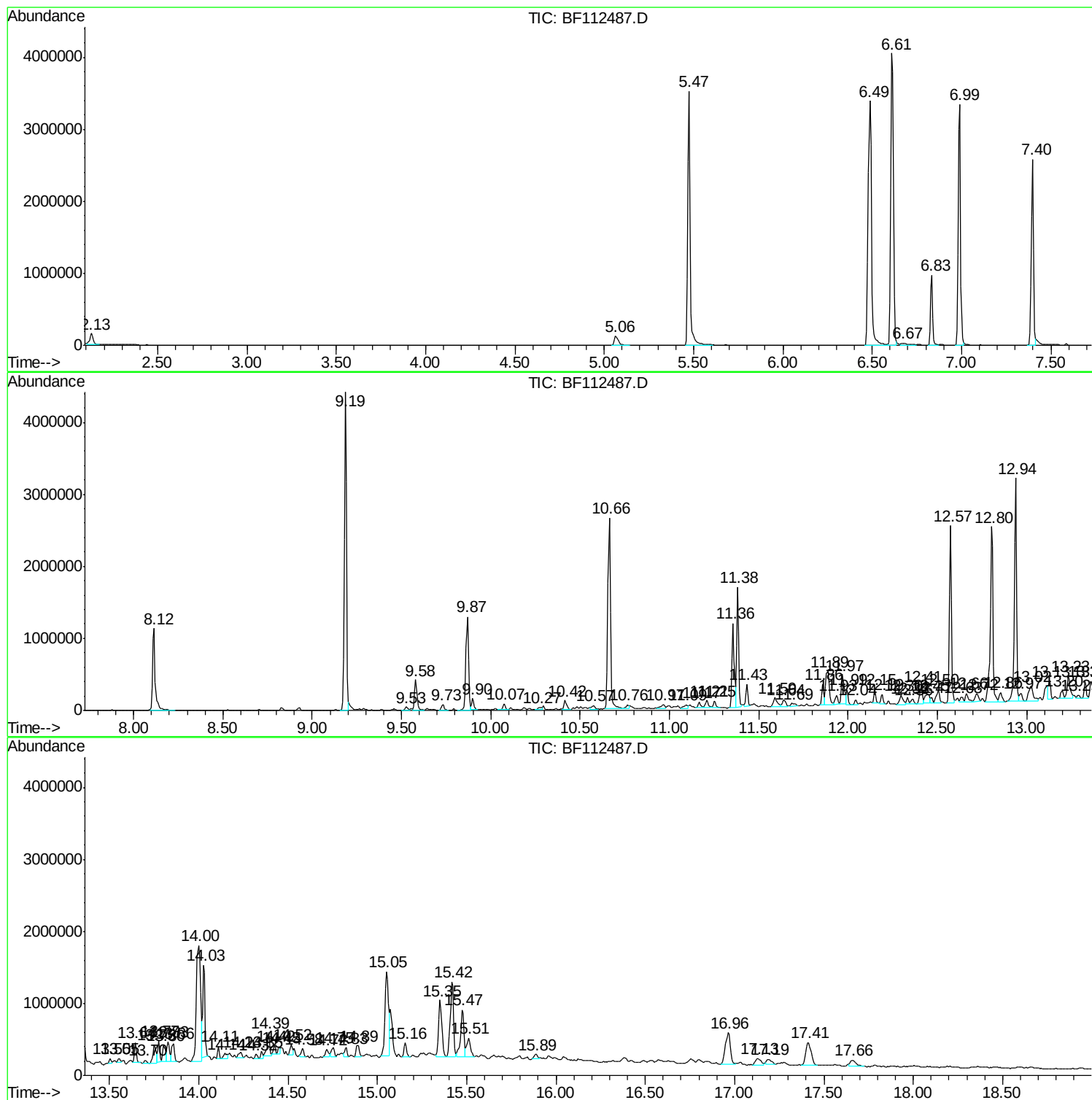
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Instrument :
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ClientSampled :
TP-1

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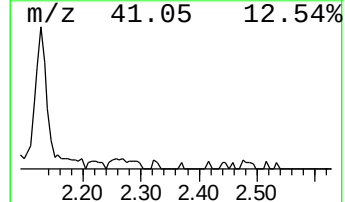
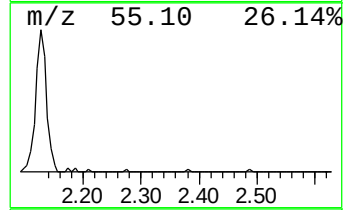
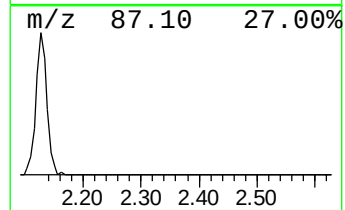
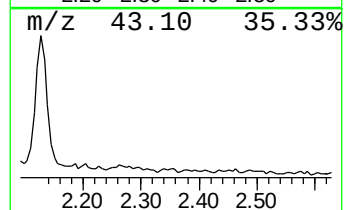
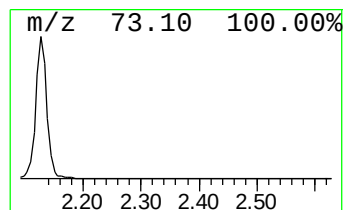
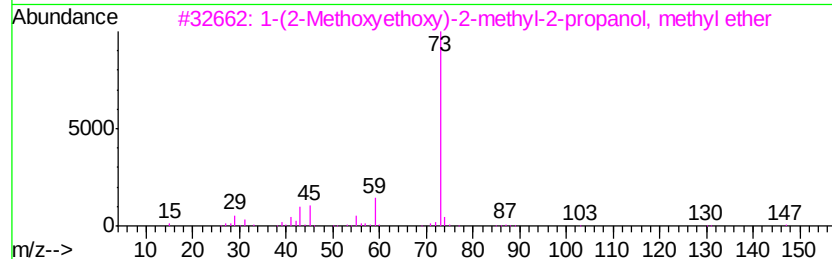
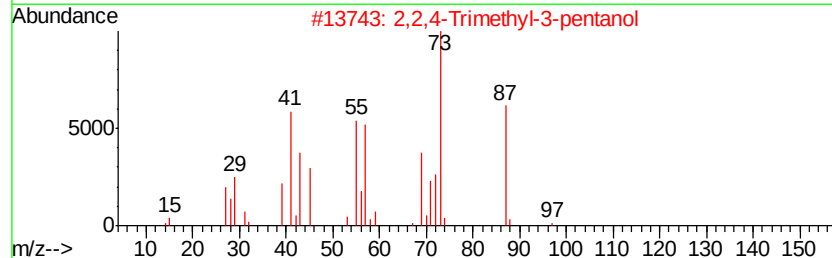
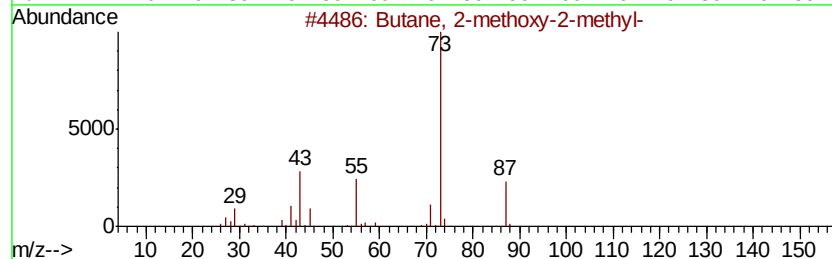
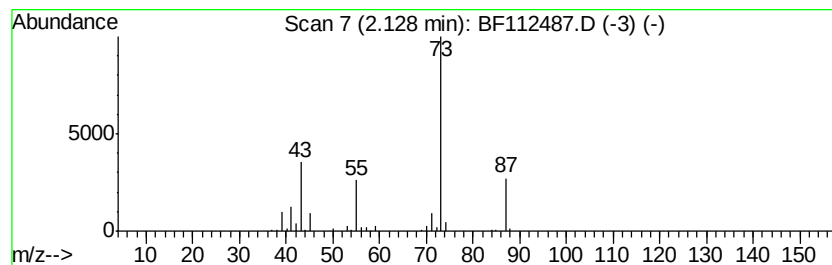
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	4.50 ng	196234	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1-(2-Methoxyethoxy)-2-methyl-2-propanol	162	C8H18O3	1000364-24-4	25
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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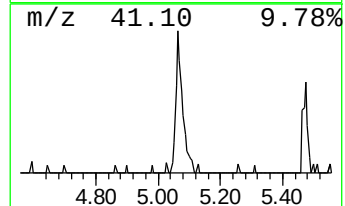
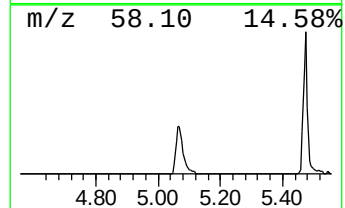
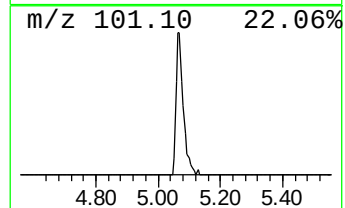
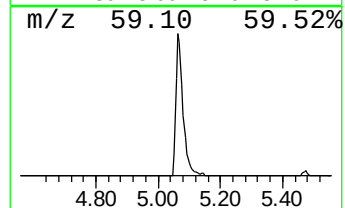
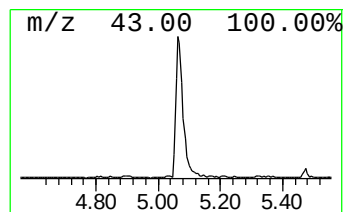
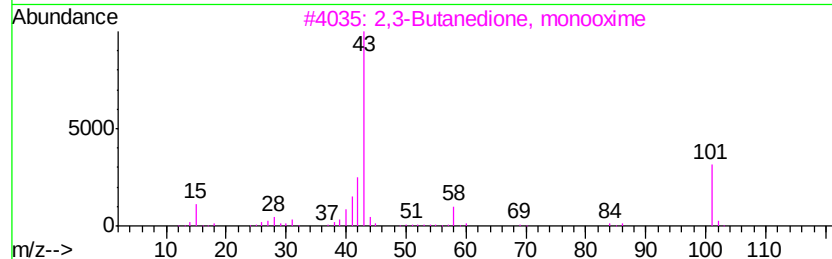
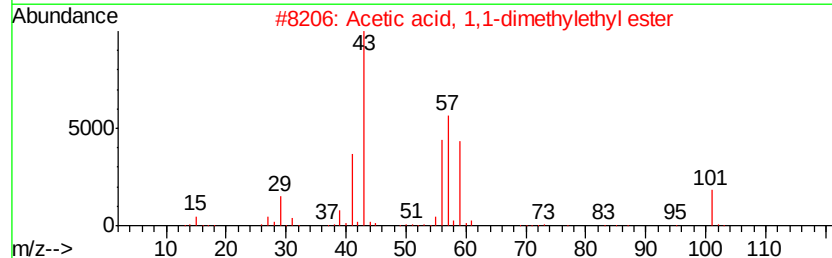
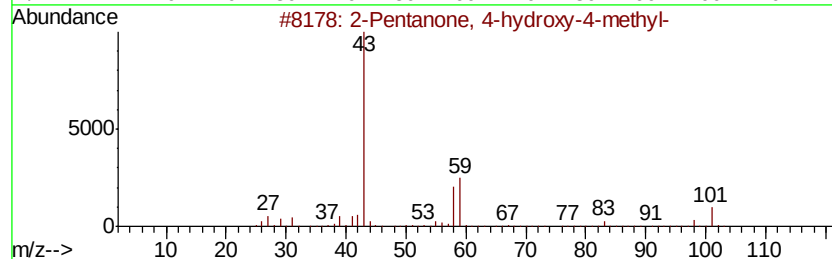
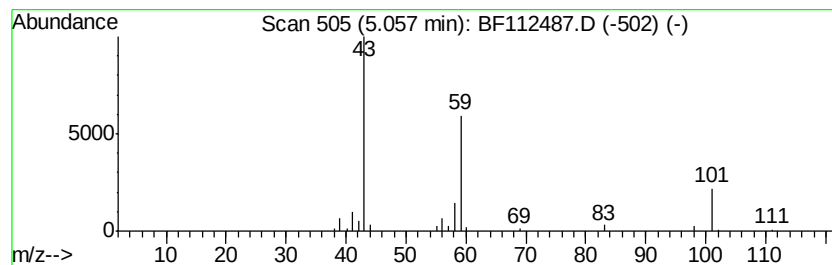
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	4.46 ng	194686	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25



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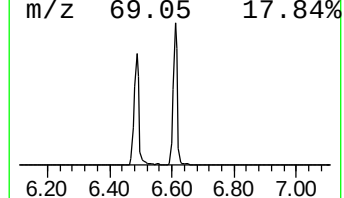
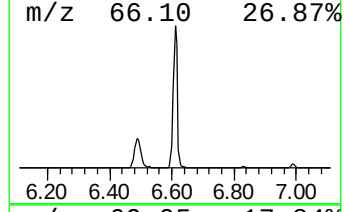
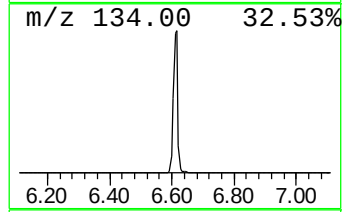
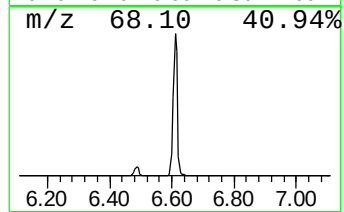
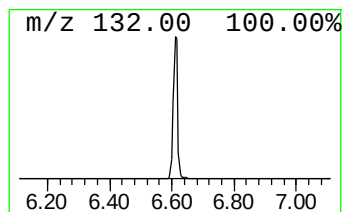
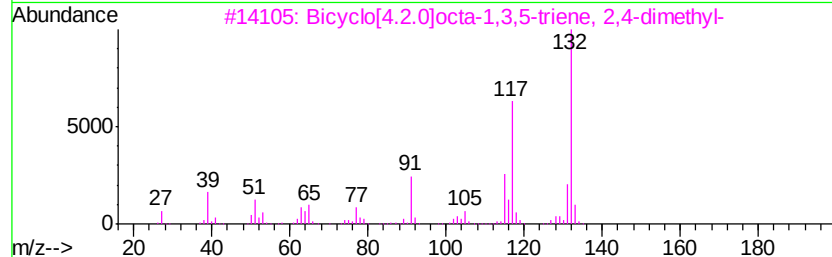
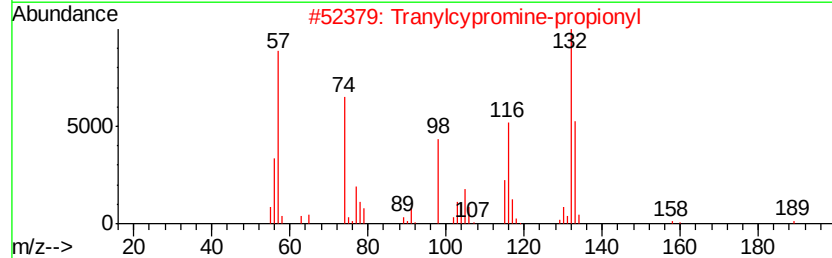
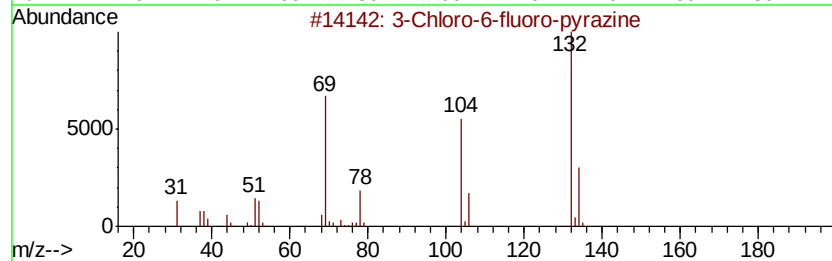
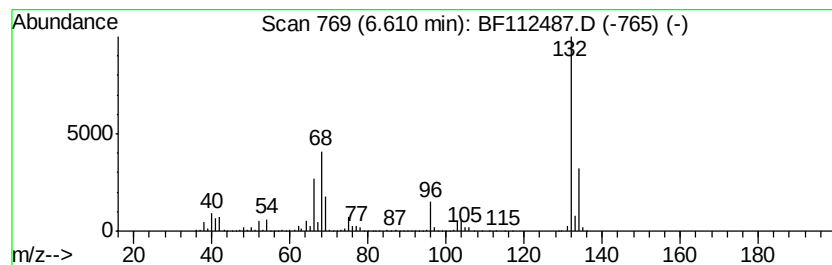
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	92.82 ng	4049480	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
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Acq On : 11 Feb 2019 18:10
Operator : JU/SJ
Sample : K1454-01
Misc :
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Instrument :
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ClientSampleId :
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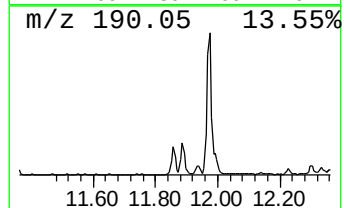
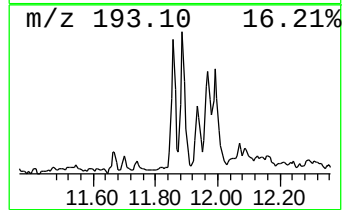
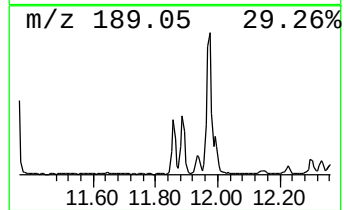
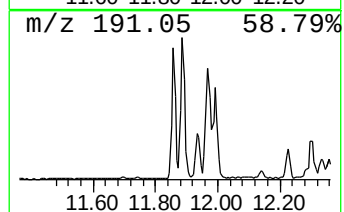
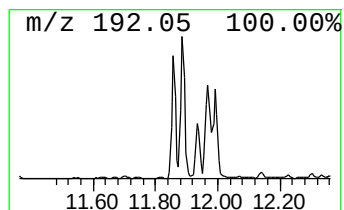
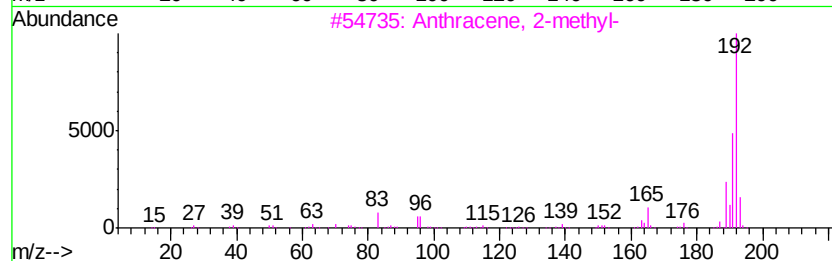
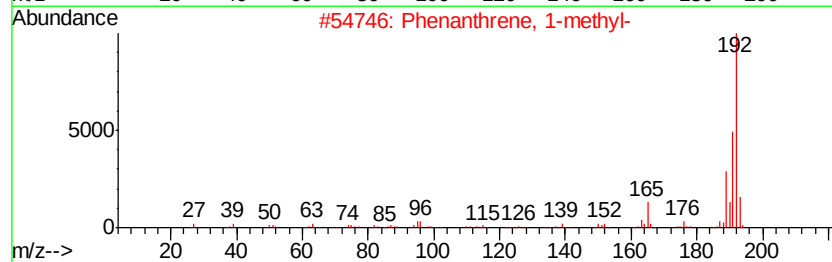
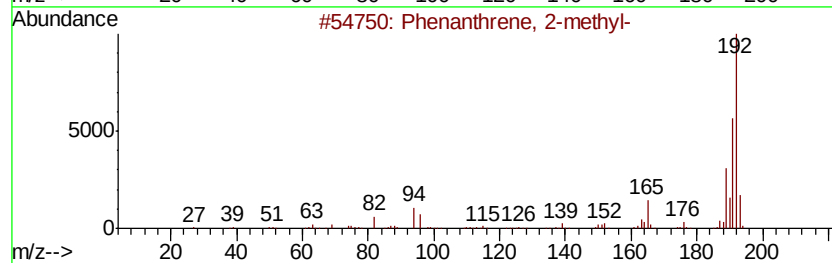
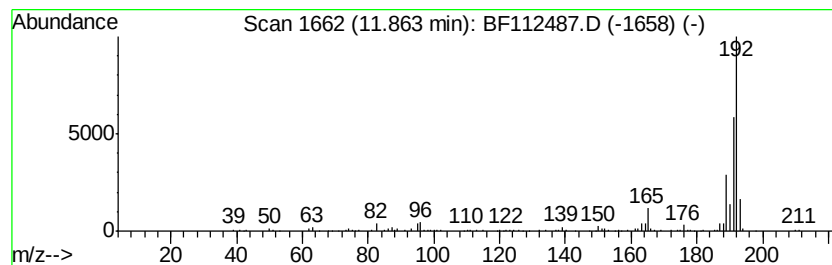
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.88 ng	254946	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
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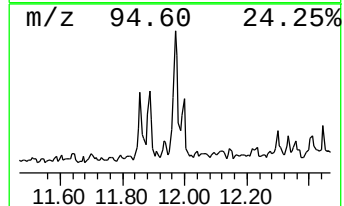
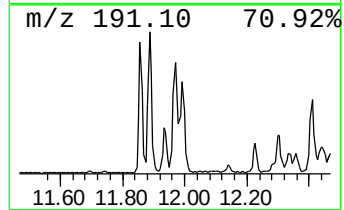
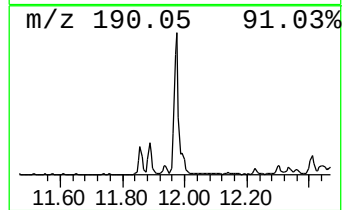
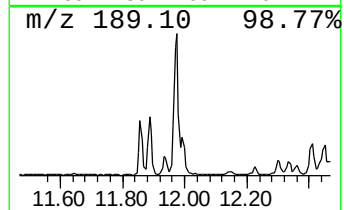
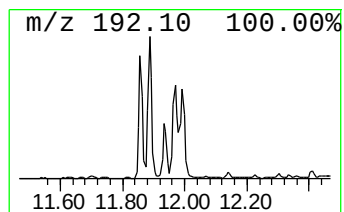
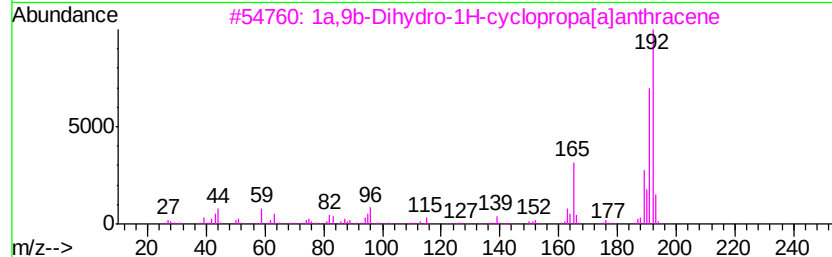
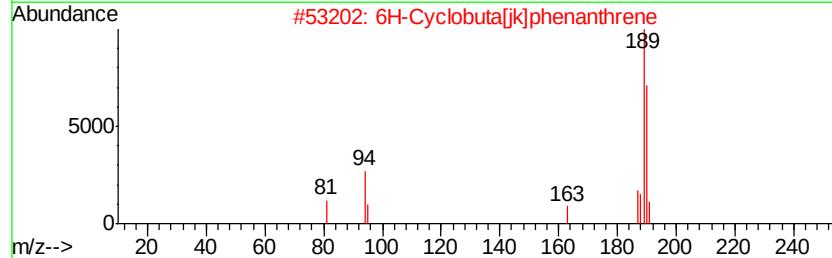
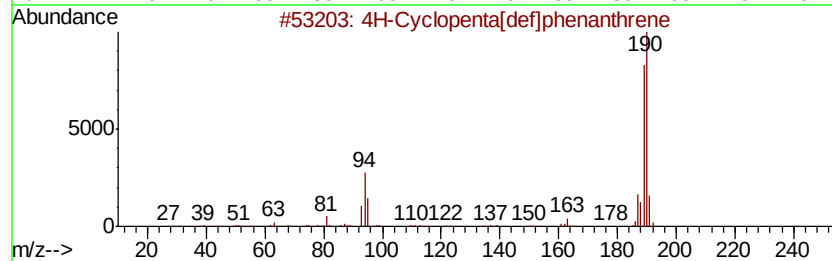
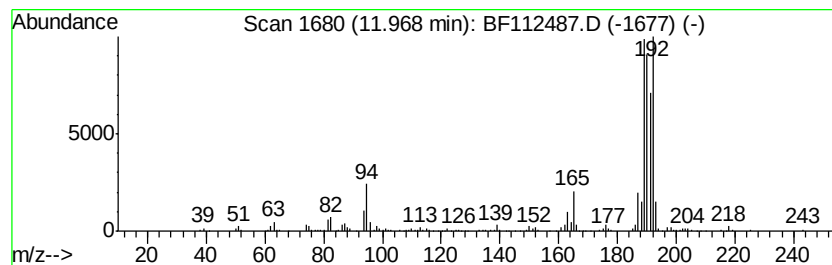
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	8.86 ng	462363	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3		1a,9b-Dihydro-1H-cyclopropa[fa]lan...	192	C15H12	006109-24-6	46
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
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Sample : K1454-01
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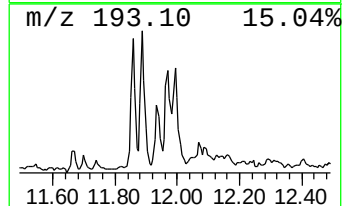
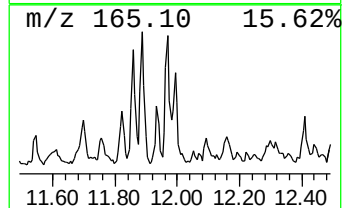
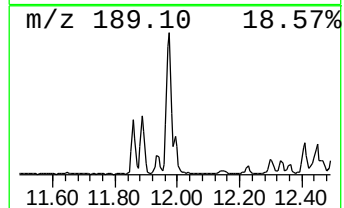
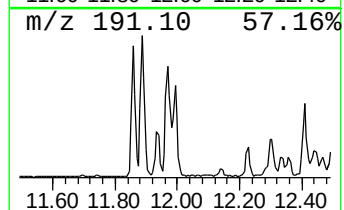
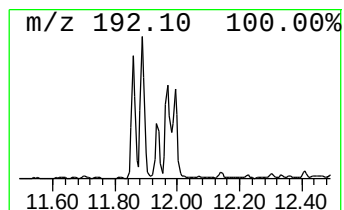
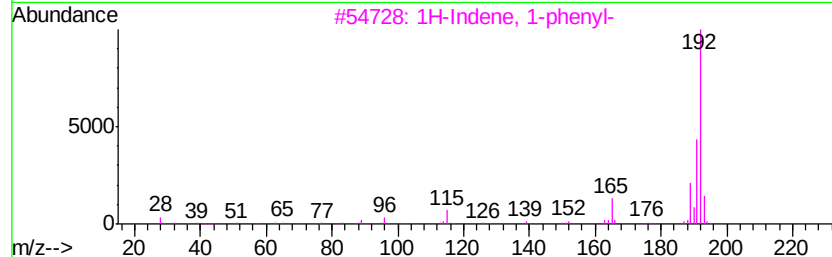
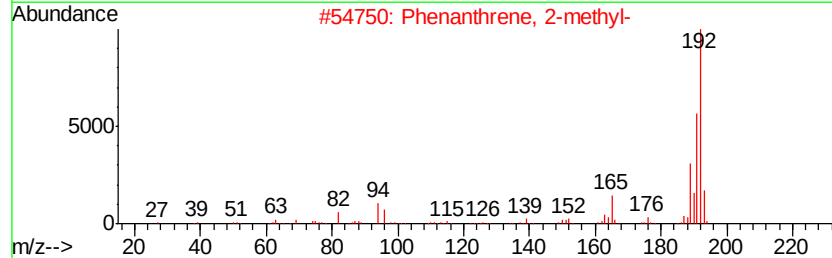
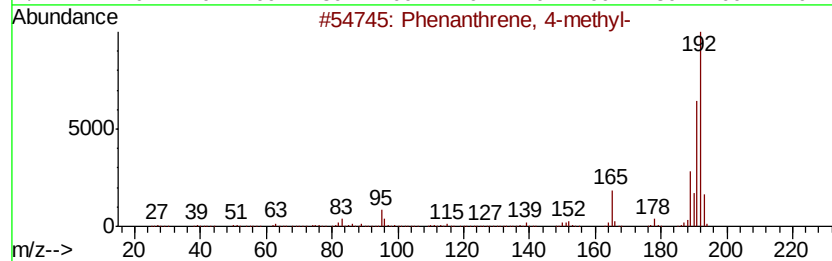
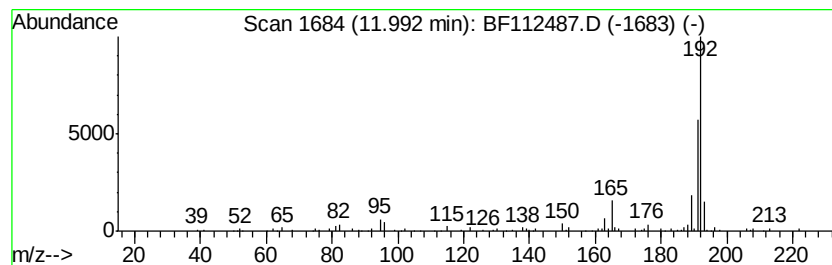
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.99	2.90 ng	151321	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
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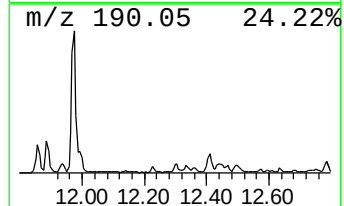
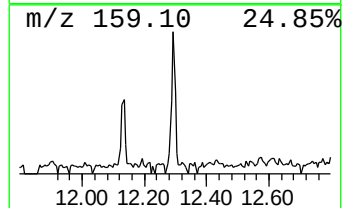
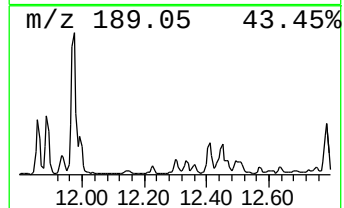
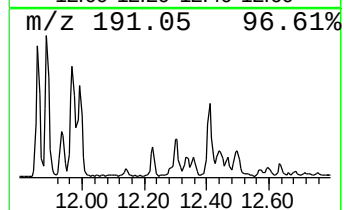
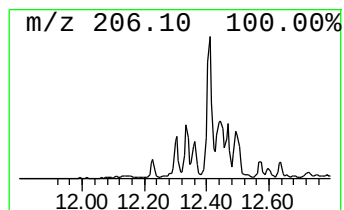
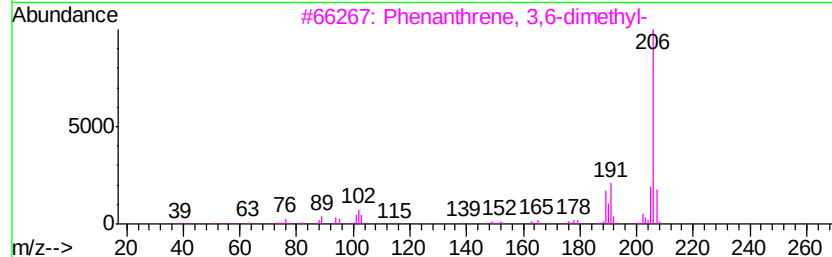
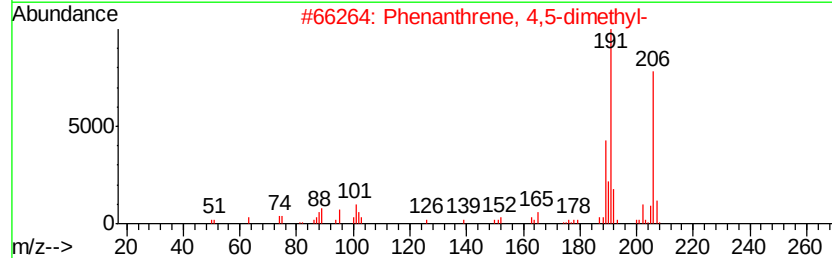
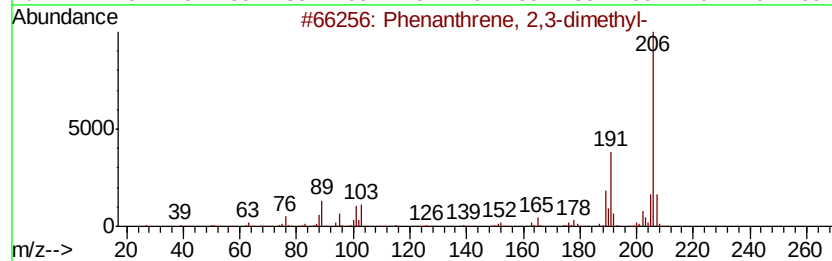
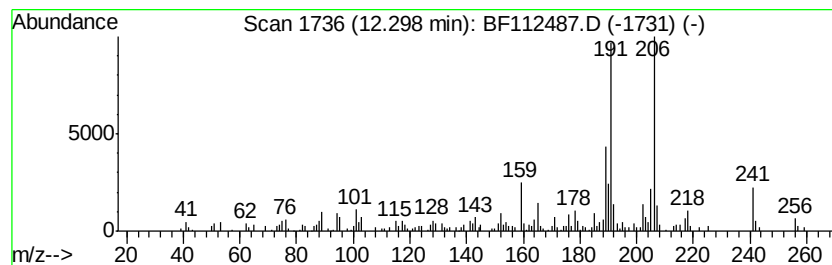
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.30	3.38 ng	176572	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	90
2	Phenanthrene, 4,5-dimethyl-		206	C16H14	003674-69-9	89
3	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	86
4	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	86
5	Anthracene, 2-ethyl-		206	C16H14	052251-71-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
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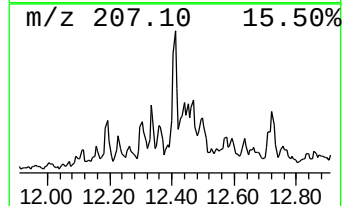
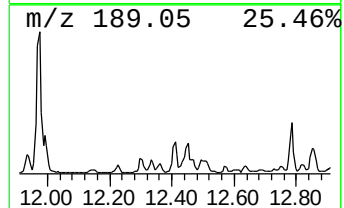
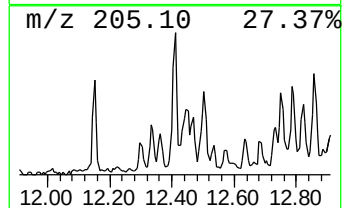
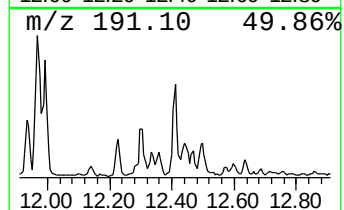
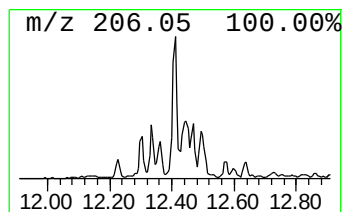
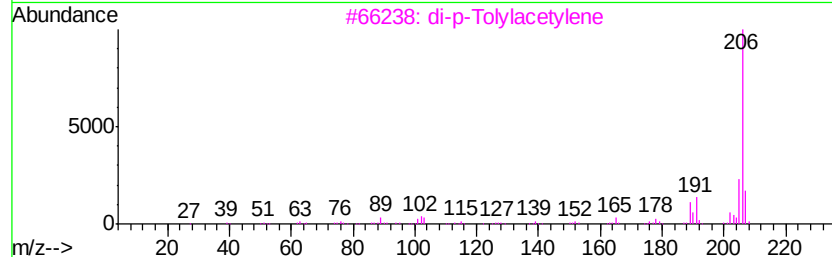
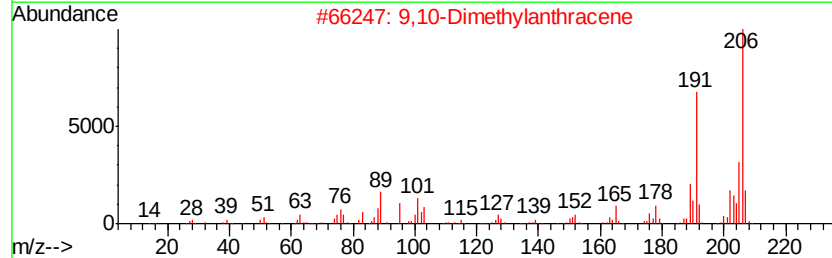
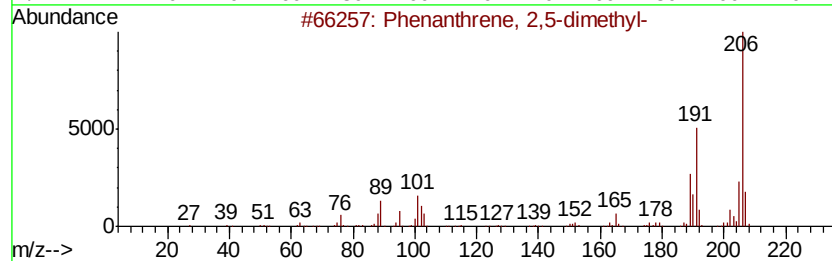
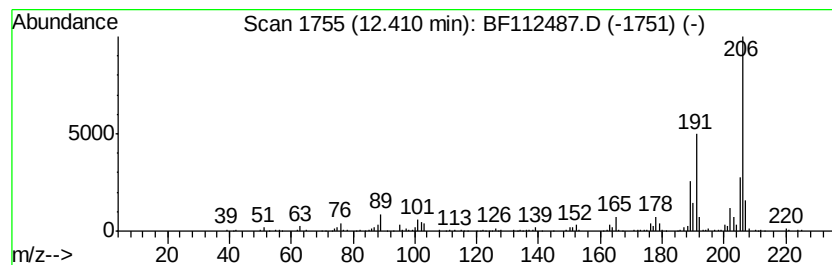
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.41	4.54 ng	237307	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
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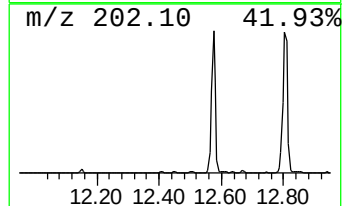
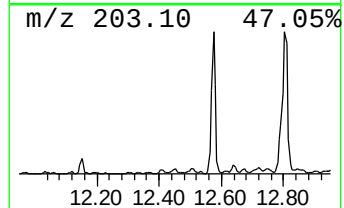
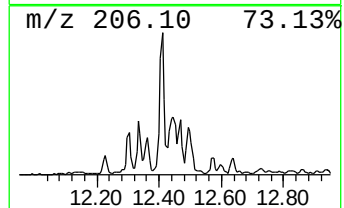
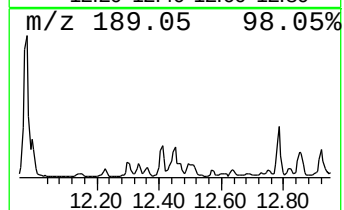
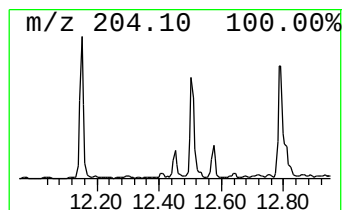
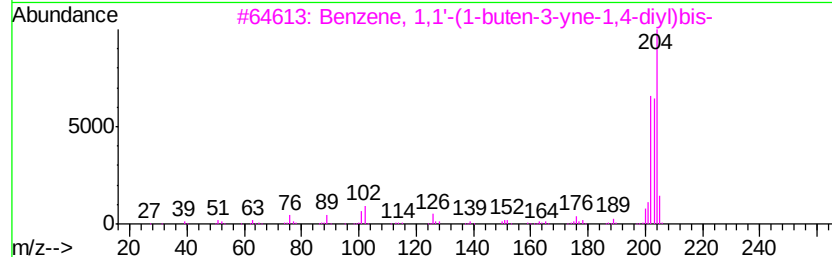
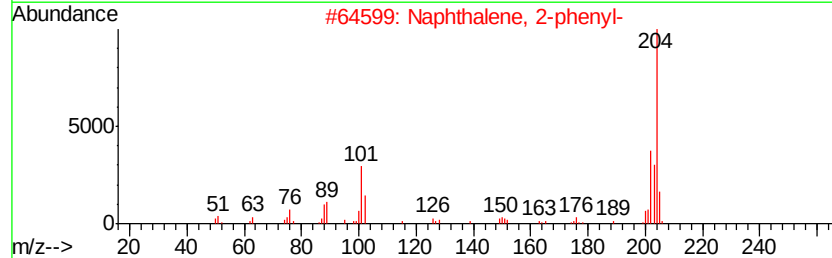
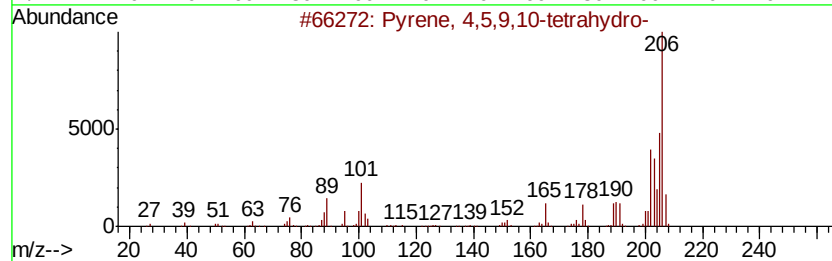
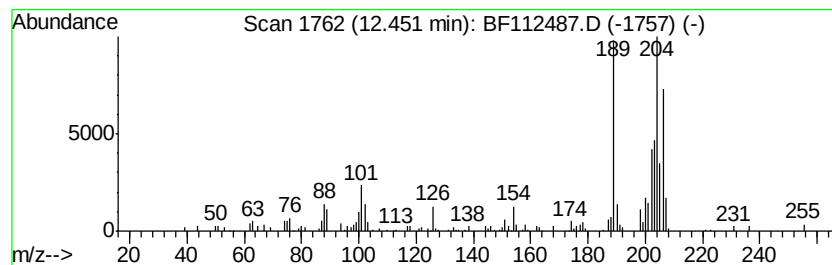
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.45 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	3.66 ng	190929	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	38
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
3		Benzene, 1,1'-(1-buten-3-yne-1,4-diyl)bis-	204	C16H12	013141-45-2	25
4		5H-Dibenzo[a,d]cycloheptene, 5-methyl-	204	C16H12	002975-79-3	25
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
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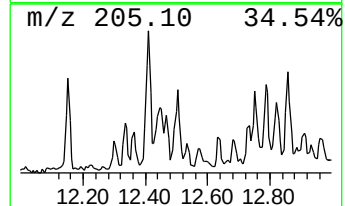
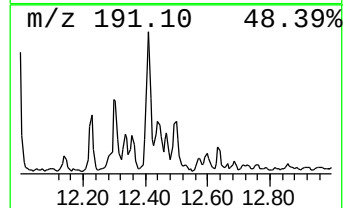
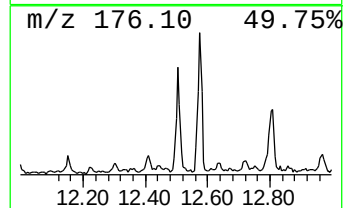
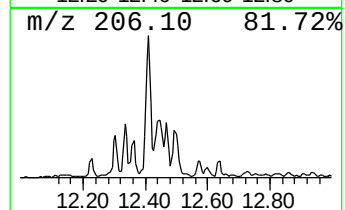
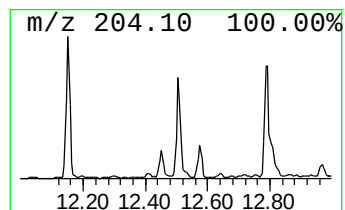
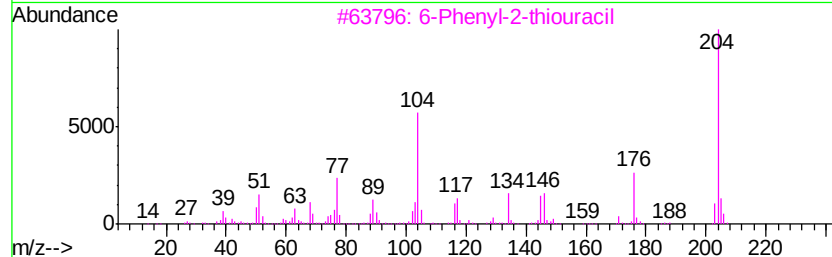
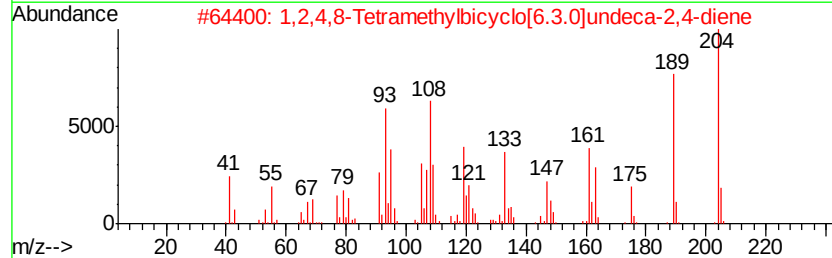
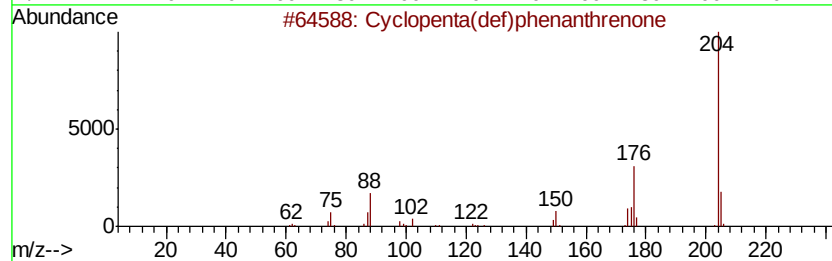
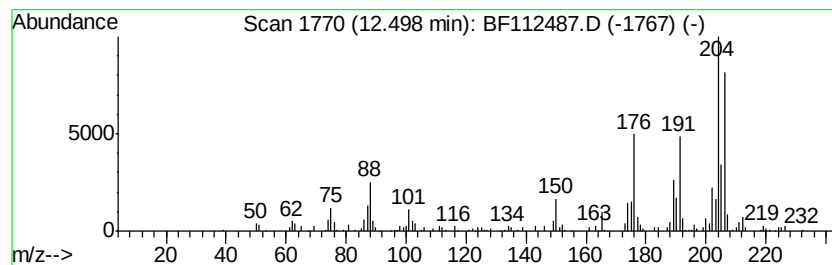
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.50	3.85 ng	200915	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	60
3		6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	50
4		4(equat)-(but-3-en-1-ynyl)-2(axial)-5,6-dihydro-1H-benzocyclopenta[b]pyridine	219	C14H21NO	038423-22-2	50
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112487.D
Acq On : 11 Feb 2019 18:10
Operator : JU/SJ
Sample : K1454-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

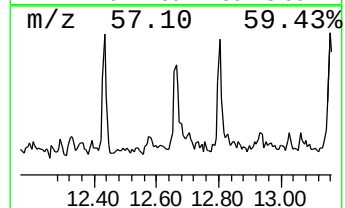
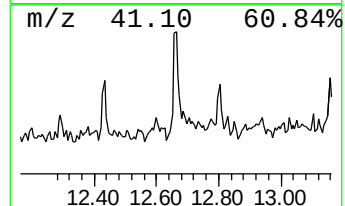
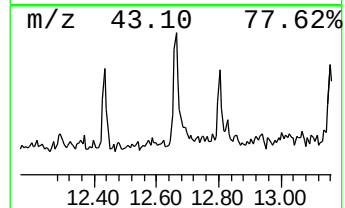
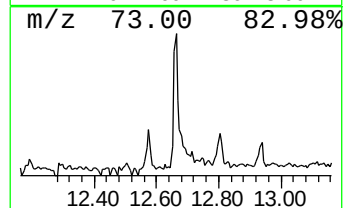
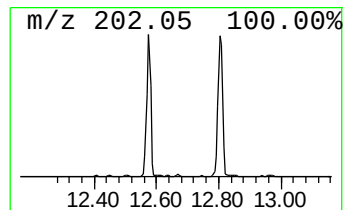
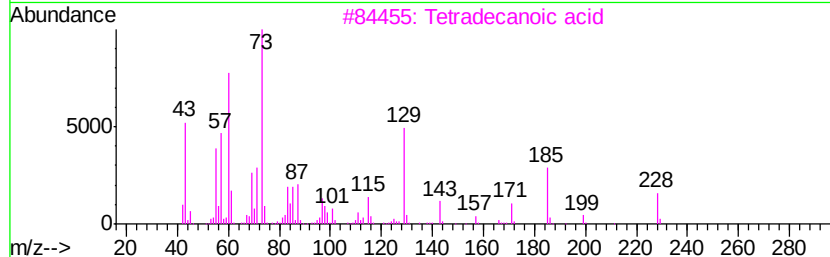
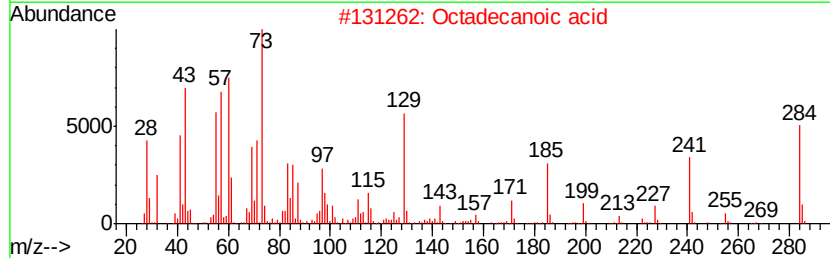
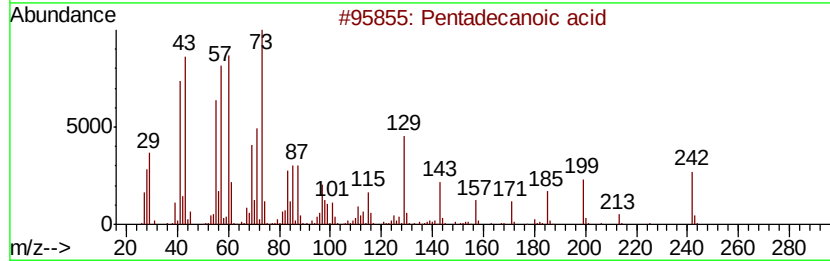
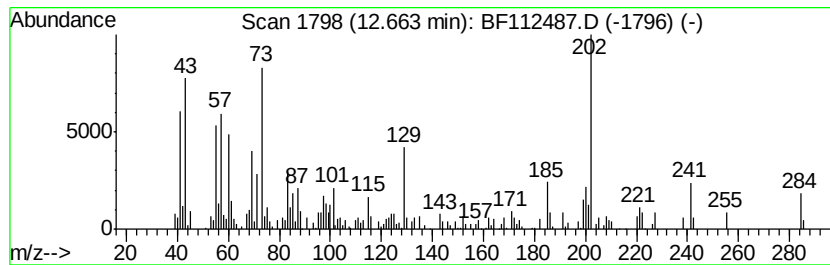
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.66	2.91 ng	151930	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
2	Octadecanoic acid	284	C18H36O2	000057-11-4	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
4	Tridecanoic acid	214	C13H26O2	000638-53-9	35
5	Pyrene	202	C16H10	000129-00-0	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
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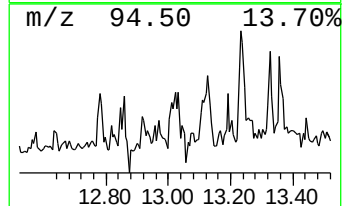
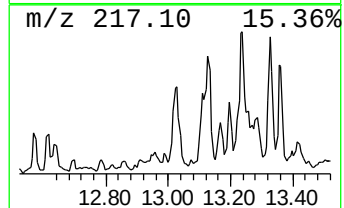
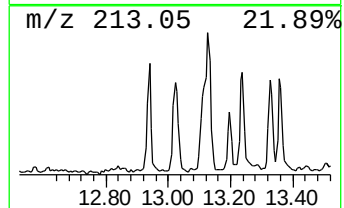
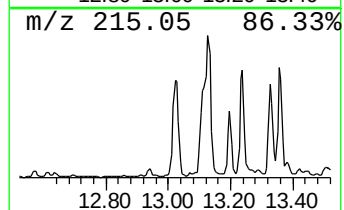
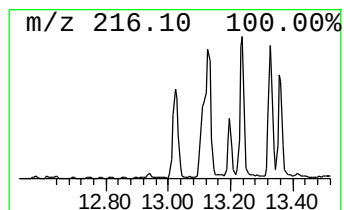
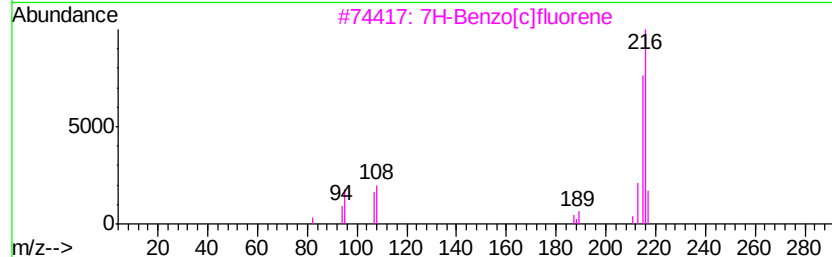
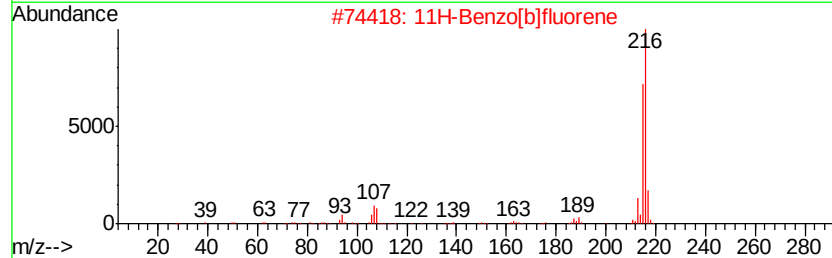
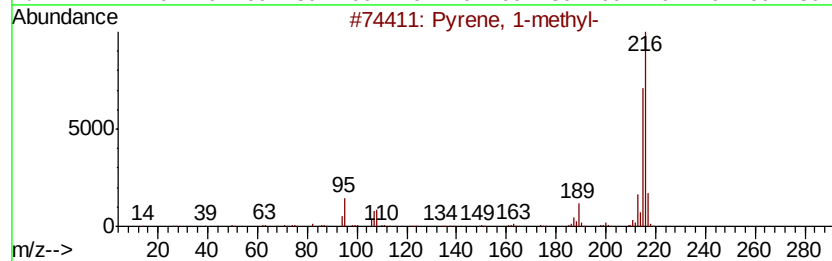
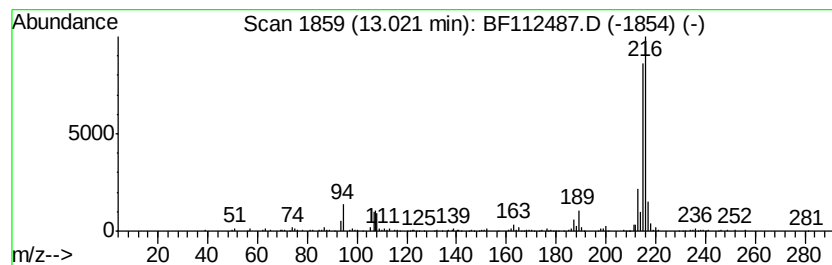
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.02	2.99 ng	376321	Chrysene-d12		14.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
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Sample : K1454-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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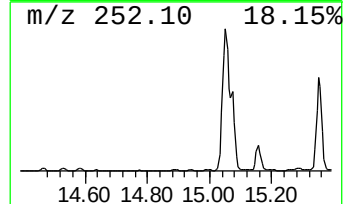
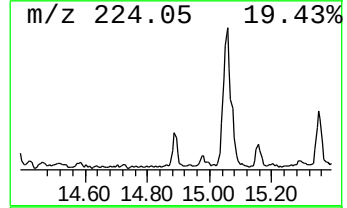
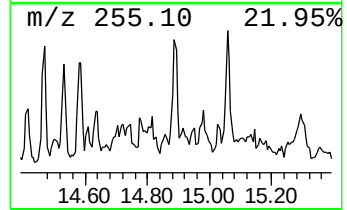
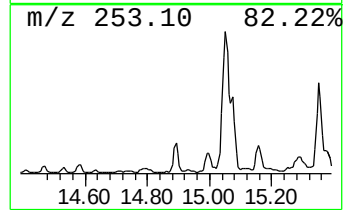
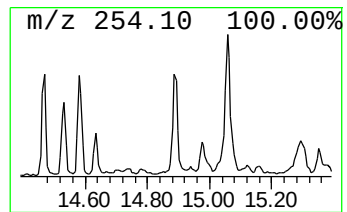
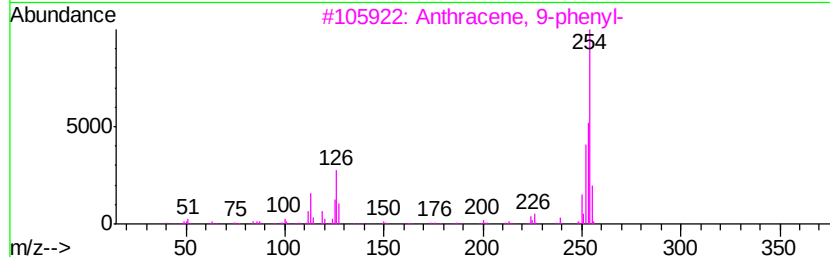
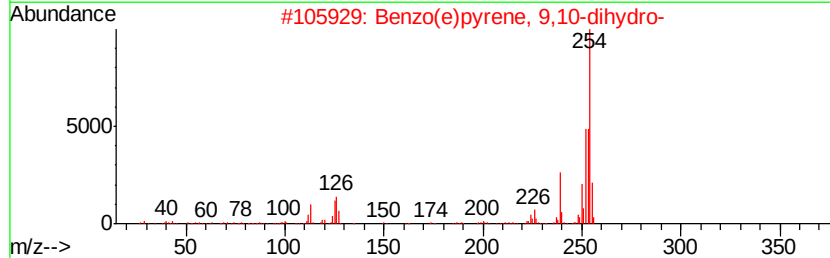
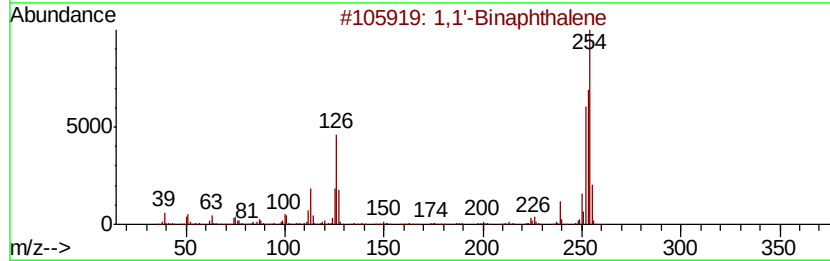
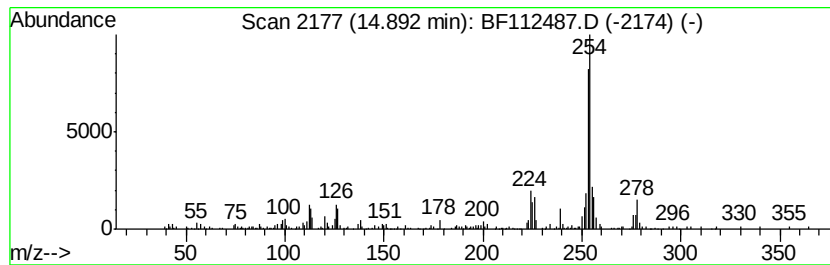
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,1'-Binaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	3.70 ng	168214	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	62
2		Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	59
3		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	59
4		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	58
5		Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112487.D
Acq On : 11 Feb 2019 18:10
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Sample : K1454-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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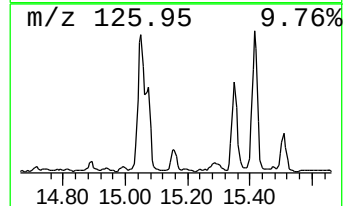
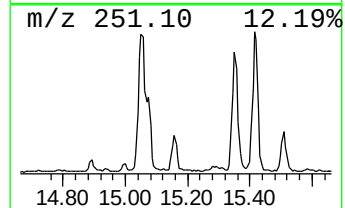
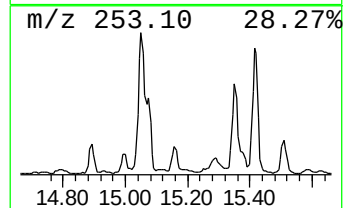
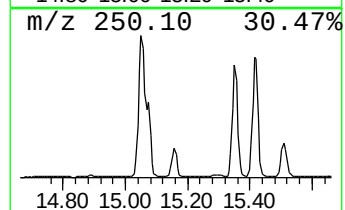
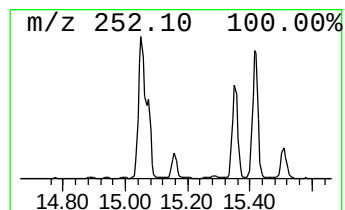
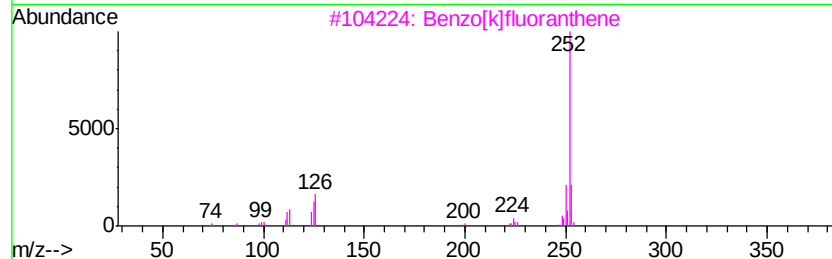
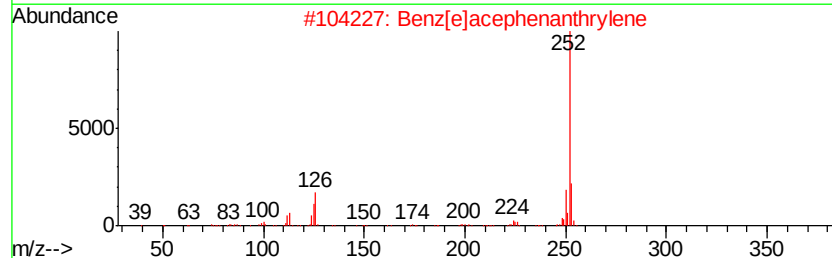
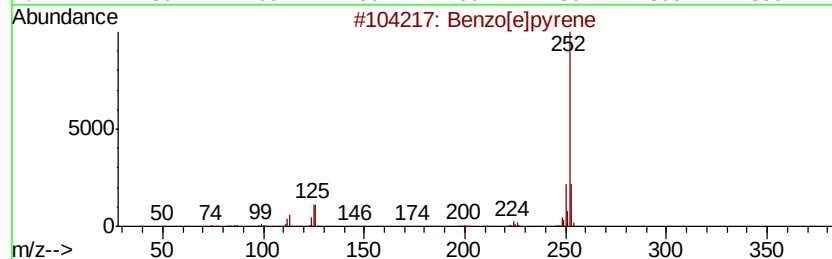
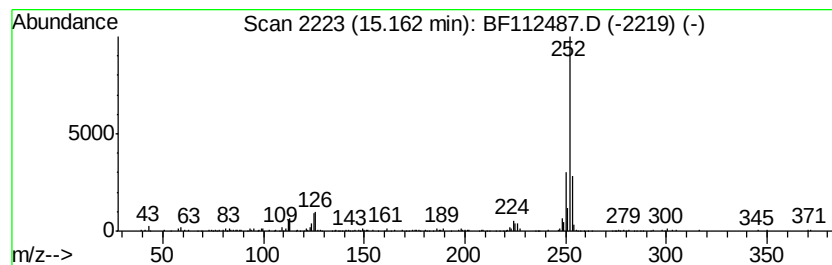
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.76 ng	216421	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]bpvrene	252	C20H12	000192-97-2	98
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[a]bpvrene	252	C20H12	000050-32-8	93
5			Perylene	252	C20H12	000198-55-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112487.D
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Sample : K1454-01
Misc :
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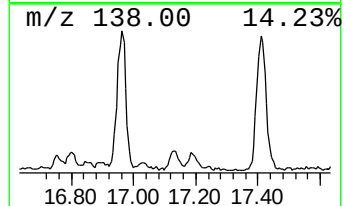
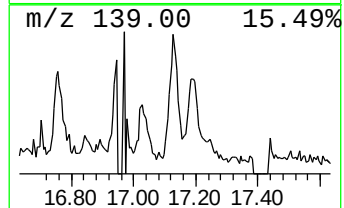
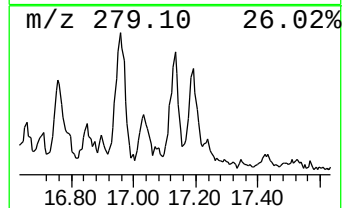
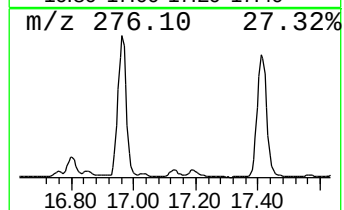
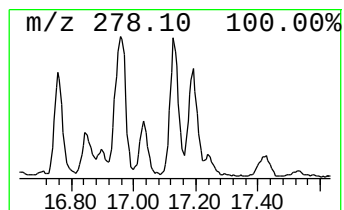
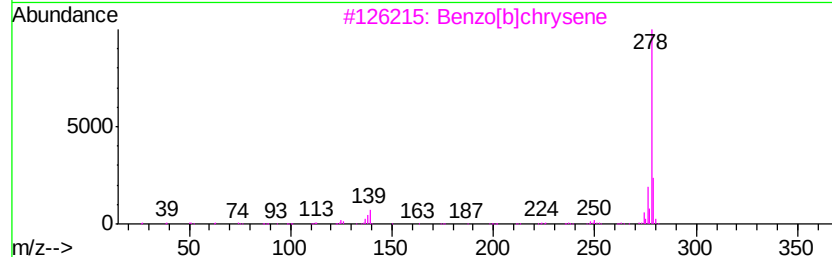
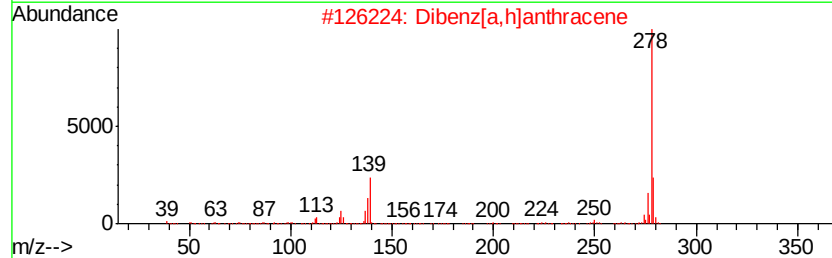
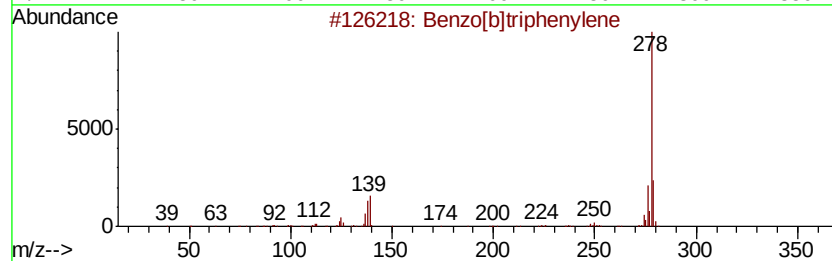
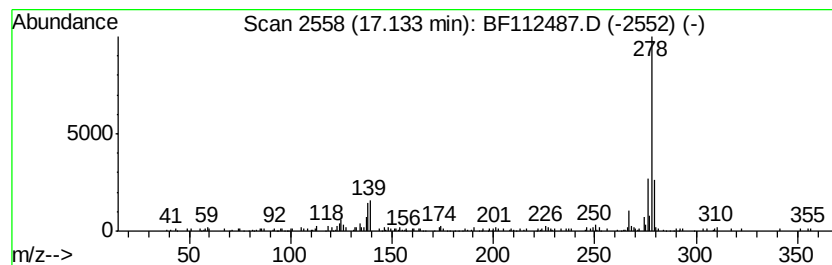
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[b]triphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	4.82 ng	219433	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
3		Benzo[b]chrysene	278	C22H14	000214-17-5	90
4		Picene	278	C22H14	000213-46-7	90
5		4-Iodophenoxyacetic acid	278	C8H7IO3	001878-94-0	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
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Misc :
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Instrument :
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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...	2.13	4.5	ng	196234	1	6.83	872515	20.0
2-Pentanone, 4-hy...	5.06	4.5	ng	194686	1	6.83	872515	20.0
unknown6.61	6.61	92.8	ng	4049480	1	6.83	872515	20.0
Phenanthrene, 2-m...	11.86	4.9	ng	254946	4	11.36	1044300	20.0
4H-Cyclopenta[def...	11.97	8.9	ng	462363	4	11.36	1044300	20.0
Phenanthrene, 4-m...	11.99	2.9	ng	151321	4	11.36	1044300	20.0
Phenanthrene, 2,3...	12.30	3.4	ng	176572	4	11.36	1044300	20.0
Phenanthrene, 2,5...	12.41	4.5	ng	237307	4	11.36	1044300	20.0
unknown12.45	12.45	3.7	ng	190929	4	11.36	1044300	20.0
Cyclopenta(def)ph...	12.50	3.9	ng	200915	4	11.36	1044300	20.0
Pentadecanoic acid	12.66	2.9	ng	151930	4	11.36	1044300	20.0
Pyrene, 1-methyl-	13.02	3.0	ng	376321	5	14.00	2515100	20.0
1,1'-Binaphthalene	14.89	3.7	ng	168214	6	15.47	909799	20.0
Benzo[e]pyrene	15.16	4.8	ng	216421	6	15.47	909799	20.0
Benzo[b]triphenylene	17.13	4.8	ng	219433	6	15.47	909799	20.0