

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
 Data File : BF108298.D
 Acq On : 20 Aug 2018 18:57
 Operator : JU/SJ
 Sample : J4521-25
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11988

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	2.378	3	7	14	rVB	338664	466958	6.47%	0.523%
2	5.266	493	498	506	rBV	155130	193869	2.68%	0.217%
3	5.648	558	563	566	rBV	3353191	3240321	44.87%	3.627%
4	6.636	726	731	734	rBV	3126880	3391348	46.96%	3.796%
5	6.789	752	757	760	rBV	3539329	3376040	46.75%	3.779%
6	7.019	792	796	799	rBV	1108013	1008438	13.96%	1.129%
7	7.172	818	822	826	rBV	3037576	2637396	36.52%	2.952%
8	7.578	886	891	894	rBV	2301745	2144639	29.70%	2.400%
9	8.301	1010	1014	1017	rBV	1397072	1186242	16.43%	1.328%
10	9.372	1191	1196	1199	rBV	4071007	3413420	47.27%	3.821%
11	9.713	1250	1254	1257	rBV	89881	87919	1.22%	0.098%
12	9.760	1260	1262	1268	rVV	233177	197372	2.73%	0.221%
13	10.060	1309	1313	1316	rBV	1254726	1088380	15.07%	1.218%
14	10.095	1316	1319	1322	rVB	274556	225587	3.12%	0.252%
15	10.260	1343	1347	1351	rBV2	117295	139701	1.93%	0.156%
16	10.466	1377	1382	1389	rVB4	84500	120344	1.67%	0.135%
17	10.613	1403	1407	1411	rBV	306210	286849	3.97%	0.321%
18	10.766	1428	1433	1437	rVB3	132427	187257	2.59%	0.210%
19	10.854	1444	1448	1454	rBV	1977991	1828087	25.32%	2.046%
20	10.971	1466	1468	1474	rVB2	64073	89500	1.24%	0.100%
21	11.160	1494	1500	1503	rBV	185767	235482	3.26%	0.264%
22	11.189	1503	1505	1508	rVV2	122523	120765	1.67%	0.135%
23	11.242	1511	1514	1517	rVB	100608	108570	1.50%	0.122%
24	11.283	1517	1521	1523	rBV2	106223	150856	2.09%	0.169%
25	11.307	1523	1525	1530	rVV3	116427	145444	2.01%	0.163%
26	11.360	1530	1534	1537	rVV4	111971	123095	1.70%	0.138%
27	11.395	1537	1540	1544	rVV2	127285	155237	2.15%	0.174%
28	11.454	1547	1550	1555	rVB	201913	188257	2.61%	0.211%
29	11.560	1564	1568	1570	rBV	1098283	1083633	15.01%	1.213%
30	11.583	1570	1572	1576	rVV	2880776	2726732	37.76%	3.052%
31	11.636	1577	1581	1584	rVV	1337566	1125360	15.58%	1.260%
32	11.666	1584	1586	1588	rVV	98720	95144	1.32%	0.106%
33	11.707	1591	1593	1600	rVV4	52335	105676	1.46%	0.118%
34	11.783	1603	1606	1611	rVV2	97317	177487	2.46%	0.199%

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

35	11.848	1615	1617	1620	rVV	171974	143211	1.98%	0.160%
36	11.889	1620	1624	1628	rVB2	190022	196747	2.72%	0.220%
37	11.971	1635	1638	1643	rVB	86359	97280	1.35%	0.109%
38	12.060	1650	1653	1656	rBV	694253	633156	8.77%	0.709%
39	12.089	1656	1658	1661	rVB	964192	755836	10.47%	0.846%
40	12.136	1661	1666	1669	rBV	474057	415563	5.75%	0.465%
41	12.177	1669	1673	1675	rVV2	1287738	1427203	19.76%	1.597%
42	12.195	1675	1676	1680	rVB	536805	368208	5.10%	0.412%
43	12.354	1700	1703	1706	rVV	557334	502169	6.95%	0.562%
44	12.383	1706	1708	1713	rVB	281166	271978	3.77%	0.304%
45	12.507	1726	1729	1731	rVB	176804	142658	1.98%	0.160%
46	12.536	1731	1734	1736	rBV	194705	134180	1.86%	0.150%
47	12.560	1736	1738	1741	rVB	163699	123330	1.71%	0.138%
48	12.613	1743	1747	1750	rBV	497705	593993	8.23%	0.665%
49	12.654	1750	1754	1759	rVB2	306324	504406	6.99%	0.565%
50	12.707	1759	1763	1767	rBV3	395380	509465	7.06%	0.570%
51	12.789	1771	1777	1780	rBV	5608129	6435951	89.13%	7.204%
52	12.842	1784	1786	1789	rVB	192433	146424	2.03%	0.164%
53	12.907	1793	1797	1799	rBV3	85601	112932	1.56%	0.126%
54	12.936	1799	1802	1804	rBV	272591	239198	3.31%	0.268%
55	13.024	1809	1817	1820	rBV2	5623502	7221262	100.00%	8.083%
56	13.060	1820	1823	1827	rVB2	360026	378256	5.24%	0.423%
57	13.148	1831	1838	1840	rBV2	2652885	2882968	39.92%	3.227%
58	13.171	1840	1842	1846	rVB	294081	255881	3.54%	0.286%
59	13.230	1847	1852	1856	rBV2	515950	887699	12.29%	0.994%
60	13.313	1863	1866	1868	rBV3	358323	462144	6.40%	0.517%
61	13.342	1868	1871	1874	rVB	1241120	1153054	15.97%	1.291%
62	13.407	1878	1882	1885	rVV	1094880	921443	12.76%	1.031%
63	13.448	1885	1889	1891	rVV2	762246	831950	11.52%	0.931%
64	13.471	1891	1893	1895	rVB2	185955	150244	2.08%	0.168%
65	13.501	1895	1898	1901	rVB2	146448	132278	1.83%	0.148%
66	13.542	1901	1905	1907	rBV	438962	412899	5.72%	0.462%
67	13.571	1907	1910	1912	rBV	489810	404598	5.60%	0.453%
68	13.648	1921	1923	1927	rVB2	127591	128826	1.78%	0.144%
69	13.760	1940	1942	1945	rVB	154016	131816	1.83%	0.148%
70	13.824	1949	1953	1955	rBV3	175109	236194	3.27%	0.264%
71	13.848	1955	1957	1962	rVB	339932	371469	5.14%	0.416%

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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	13.965	1972	1977	1979	rBV3	585261	693769	9.61%	0.777%
73	13.989	1979	1981	1984	rVV	583631	587087	8.13%	0.657%
74	14.018	1984	1986	1990	rVV2	553658	689351	9.55%	0.772%
75	14.060	1990	1993	1998	rVB2	425400	479891	6.65%	0.537%
76	14.212	2012	2019	2022	rBV2	3497913	4771838	66.08%	5.341%
77	14.248	2022	2025	2031	rVB	2948643	2936733	40.67%	3.287%
78	14.301	2031	2034	2036	rBV2	122926	108761	1.51%	0.122%
79	14.324	2036	2038	2042	rVV	665421	650429	9.01%	0.728%
80	14.365	2042	2045	2047	rVV2	257198	329832	4.57%	0.369%
81	14.407	2050	2052	2054	rVV	233955	181607	2.51%	0.203%
82	14.442	2054	2058	2061	rVV2	302803	414193	5.74%	0.464%
83	14.471	2061	2063	2066	rVB2	146598	126064	1.75%	0.141%
84	14.536	2071	2074	2076	rVV2	125761	162858	2.26%	0.182%
85	14.565	2076	2079	2081	rVV2	261831	319378	4.42%	0.357%
86	14.601	2083	2085	2088	rVV	631213	651495	9.02%	0.729%
87	14.636	2089	2091	2096	rVB	309289	338040	4.68%	0.378%
88	14.707	2101	2103	2106	rVV2	369316	399370	5.53%	0.447%
89	14.736	2106	2108	2110	rVV	396197	406575	5.63%	0.455%
90	14.759	2110	2112	2116	rVV	468534	494829	6.85%	0.554%
91	14.807	2116	2120	2127	rVB5	286909	515422	7.14%	0.577%
92	15.318	2202	2207	2210	rBV	1663625	2822030	39.08%	3.159%
93	15.348	2210	2212	2215	rVB	1109329	975615	13.51%	1.092%
94	15.430	2223	2226	2231	rBV	391358	459569	6.36%	0.514%
95	15.654	2259	2264	2270	rVB	985981	1469133	20.34%	1.644%
96	15.724	2270	2276	2280	rBV	1651783	2238168	30.99%	2.505%
97	15.789	2283	2287	2289	rVV	444130	650242	9.00%	0.728%
98	15.824	2289	2293	2299	rVB2	473964	700881	9.71%	0.784%
99	17.418	2558	2564	2573	rVB2	624459	1279947	17.72%	1.433%
100	17.918	2643	2649	2658	rVB	412592	921082	12.76%	1.031%

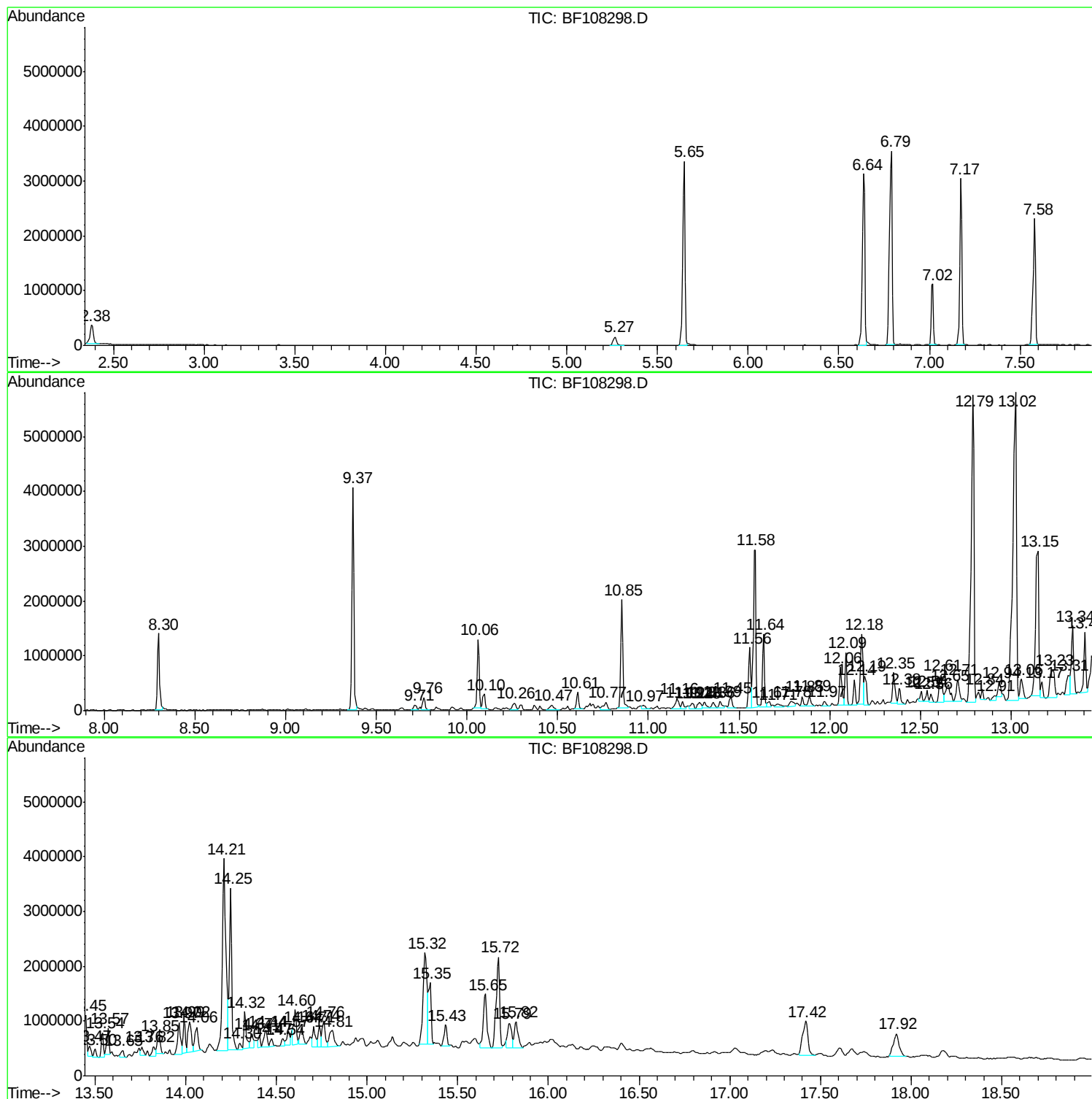
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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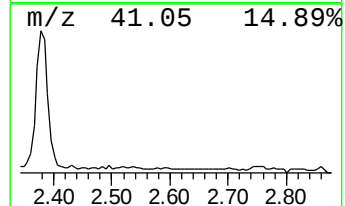
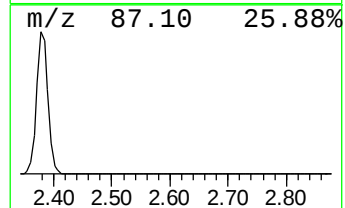
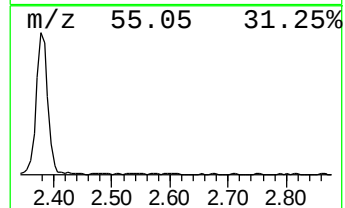
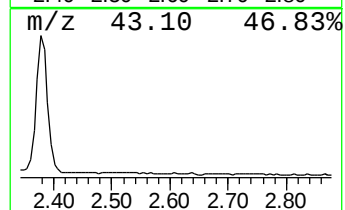
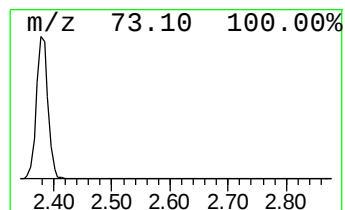
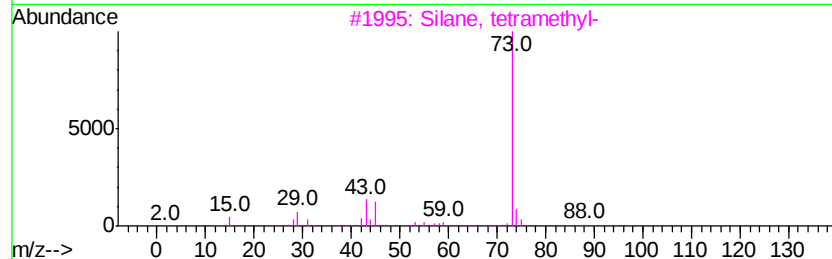
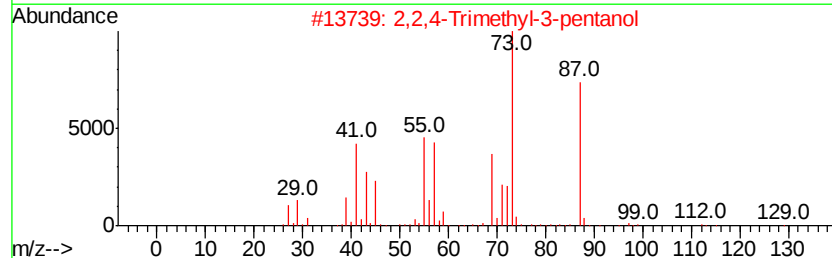
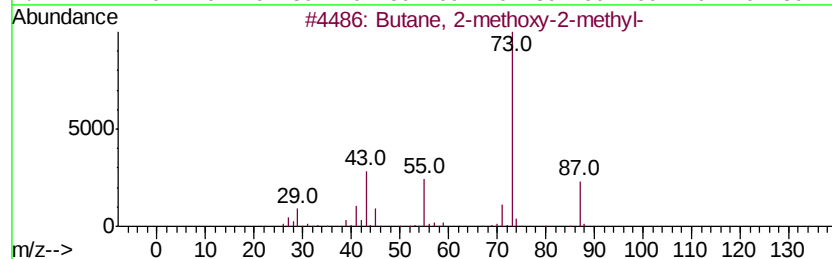
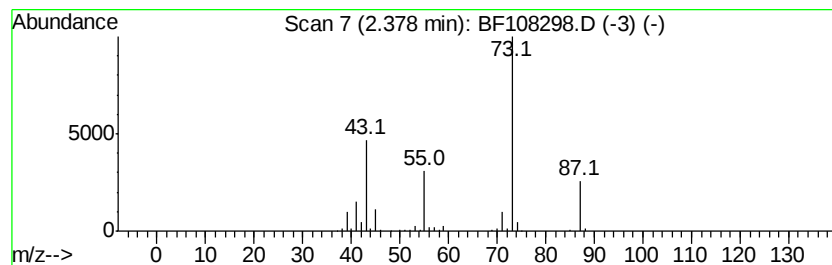
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.38	9.26 ng	466958	1,4-Dichlorobenzene-d4	7.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32



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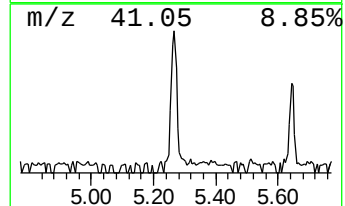
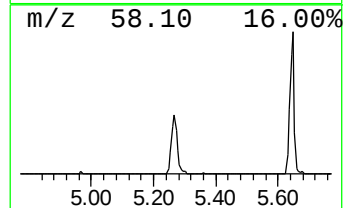
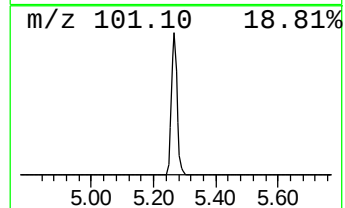
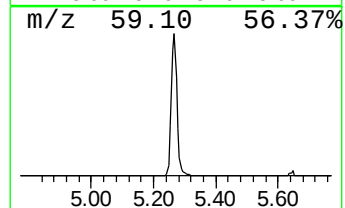
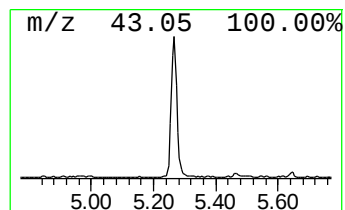
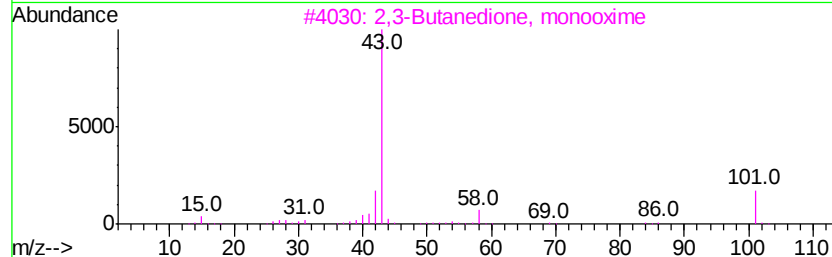
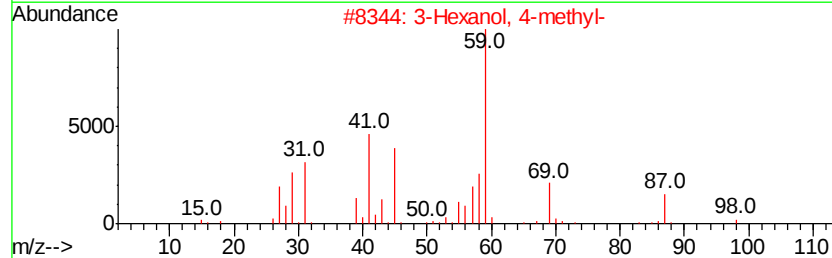
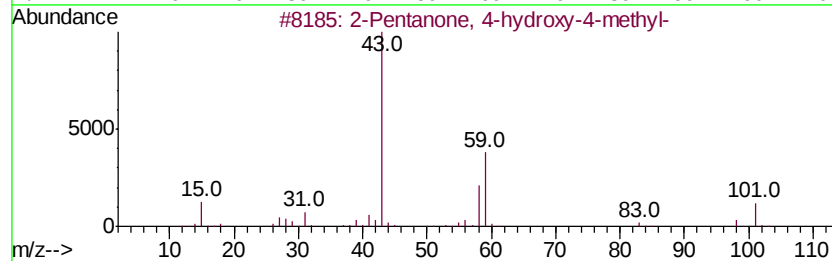
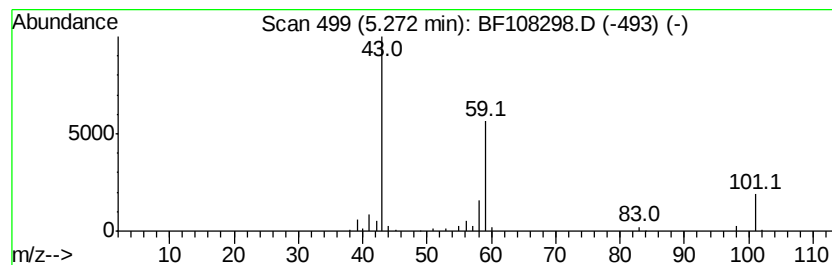
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	3.84 ng	193869	1,4-Dichlorobenzene-d4	7.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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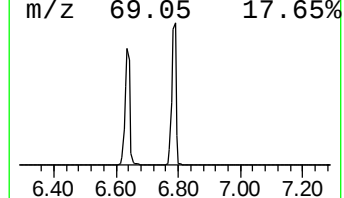
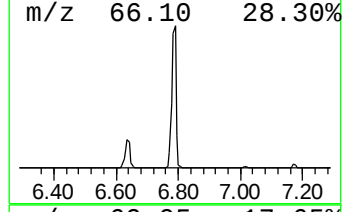
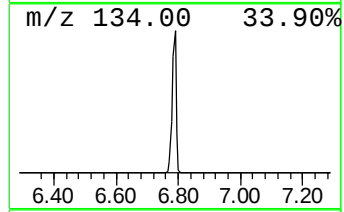
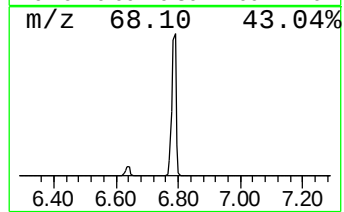
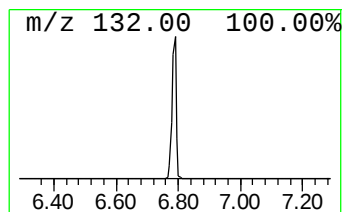
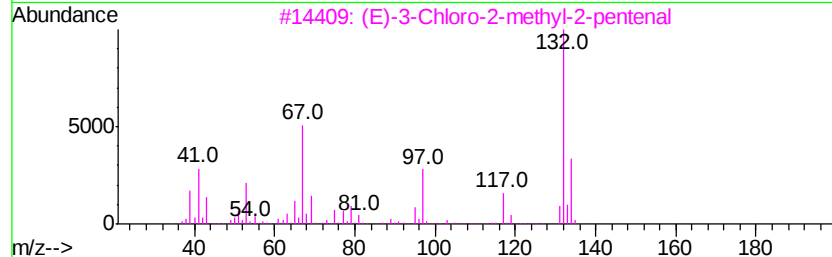
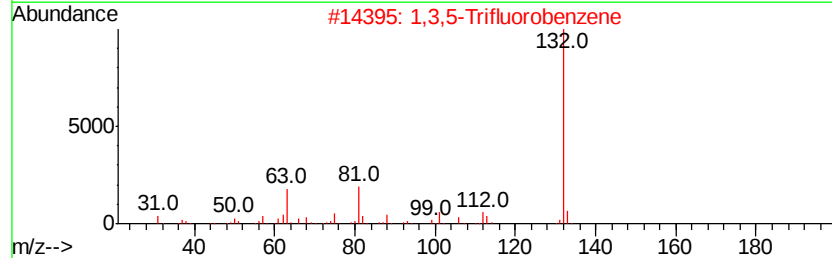
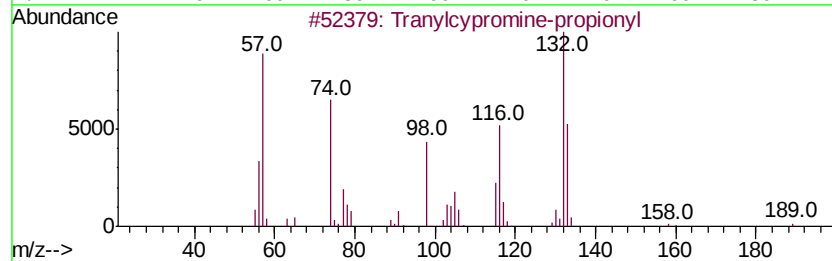
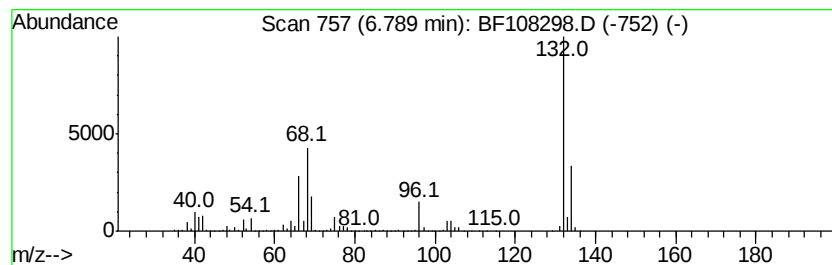
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	66.96 ng	3376040	1,4-Dichlorobenzene-d4	7.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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Data File : BF108298.D
Acq On : 20 Aug 2018 18:57
Operator : JU/SJ
Sample : J4521-25
Misc :
ALS Vial : 10 Sample Multiplier: 1

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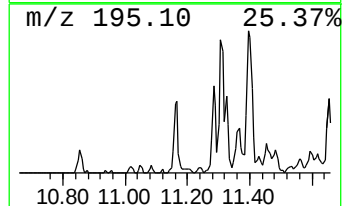
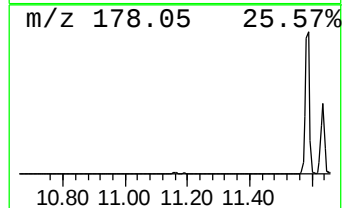
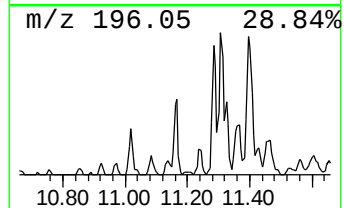
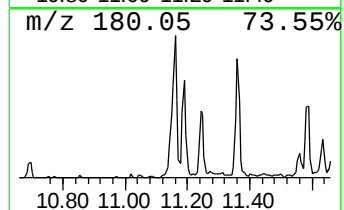
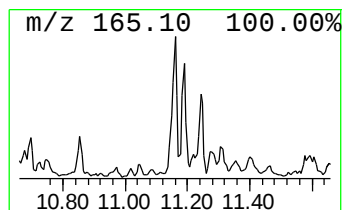
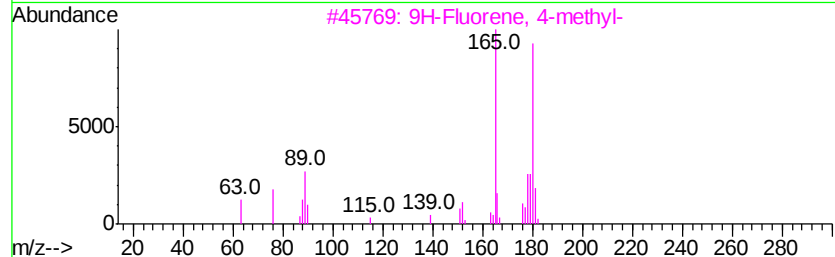
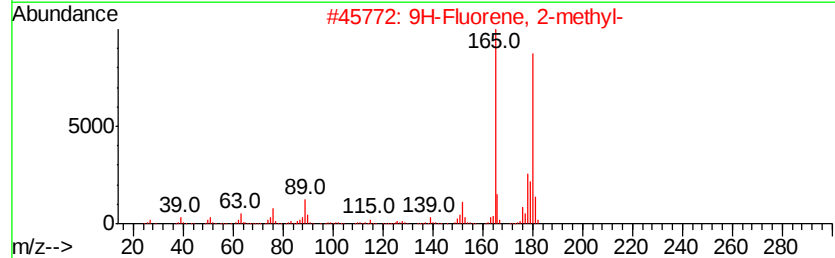
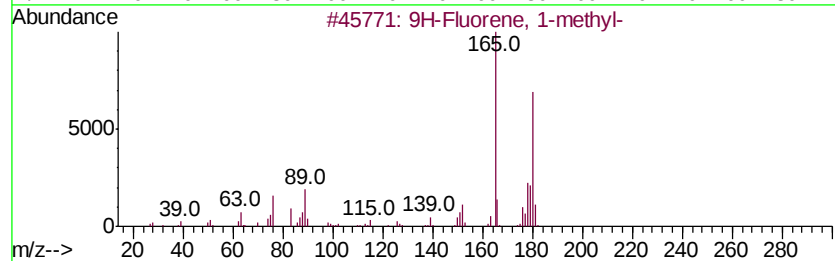
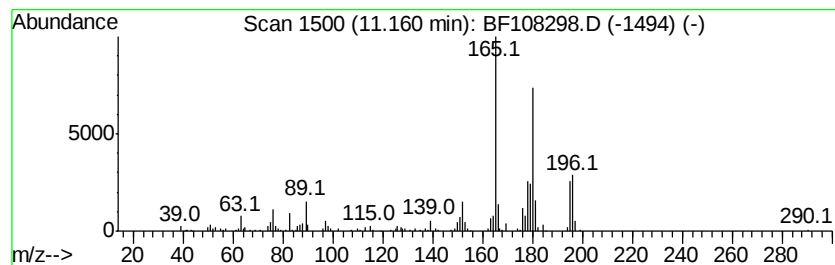
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	4.35 ng	235482	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86



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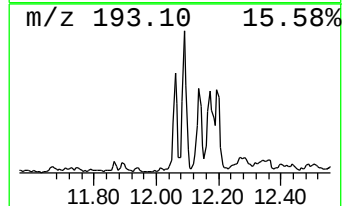
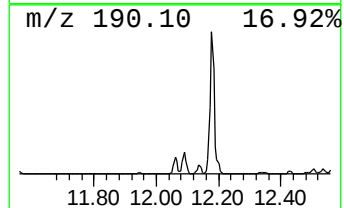
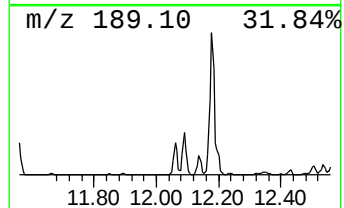
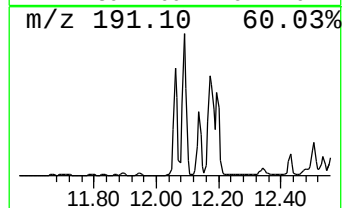
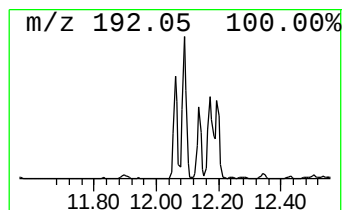
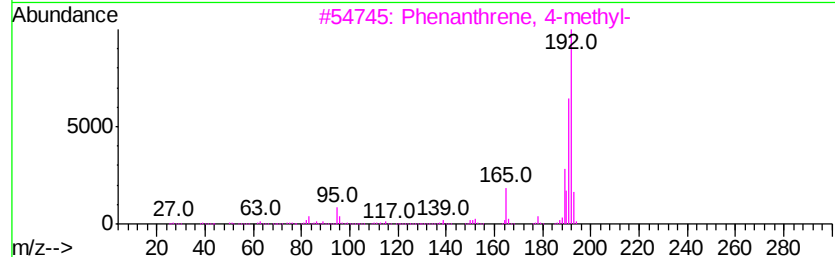
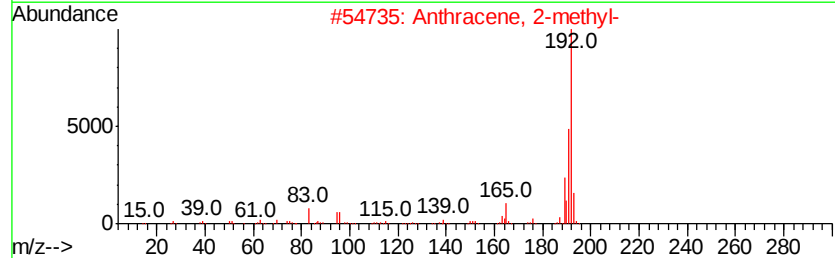
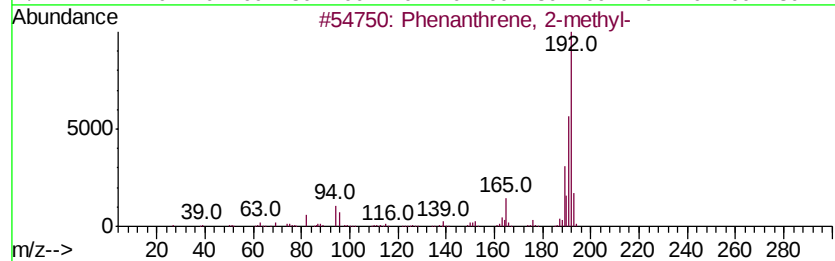
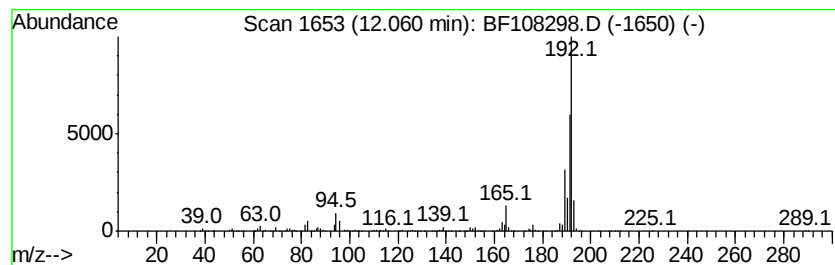
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	11.69 ng	633156	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



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Data File : BF108298.D
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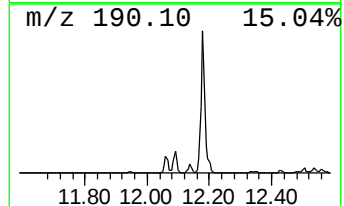
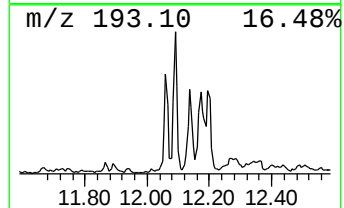
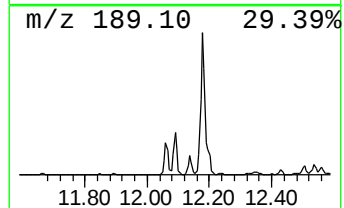
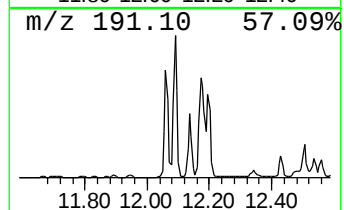
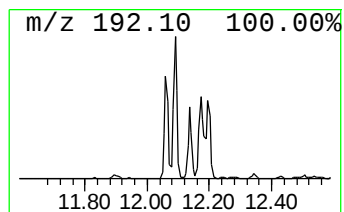
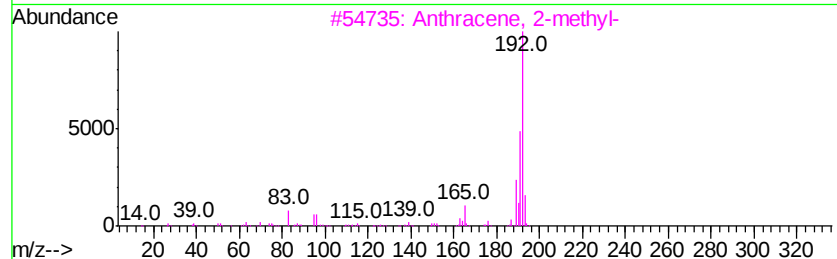
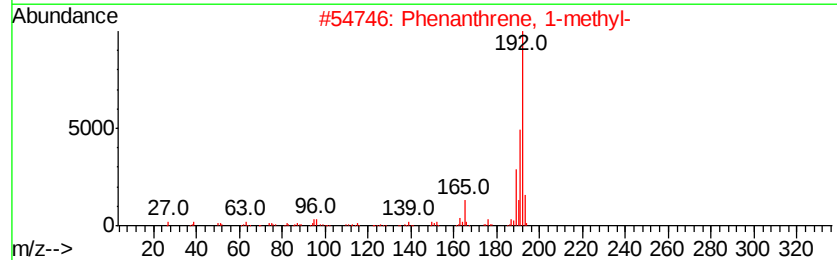
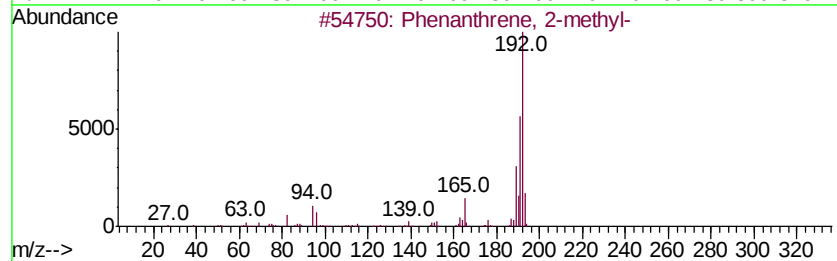
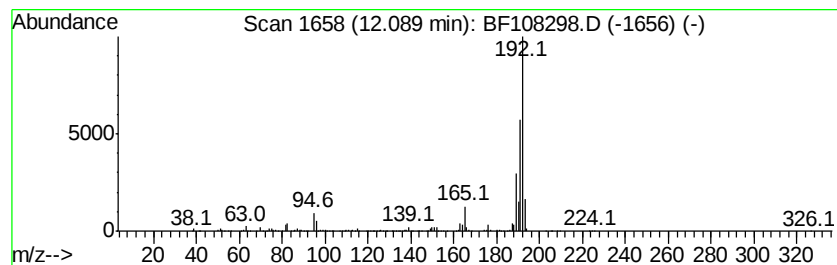
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	13.95 ng	755836	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
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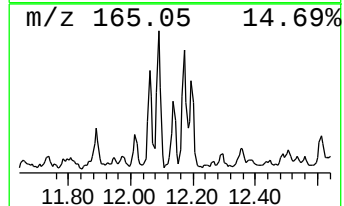
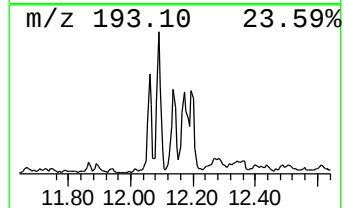
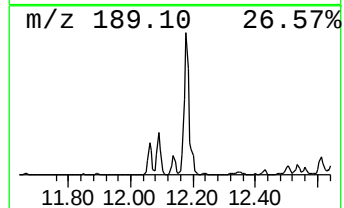
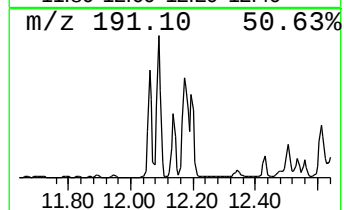
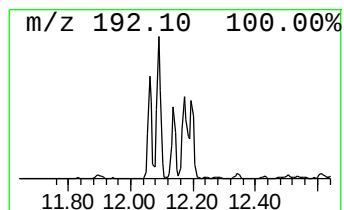
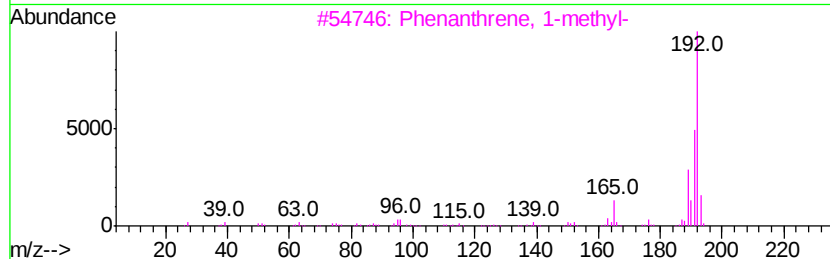
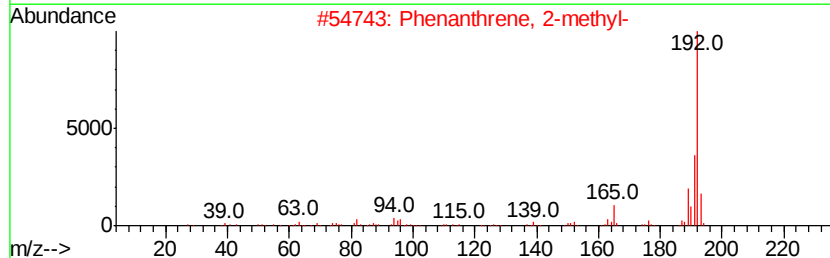
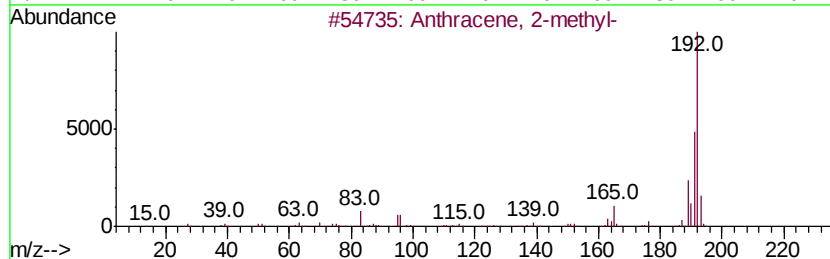
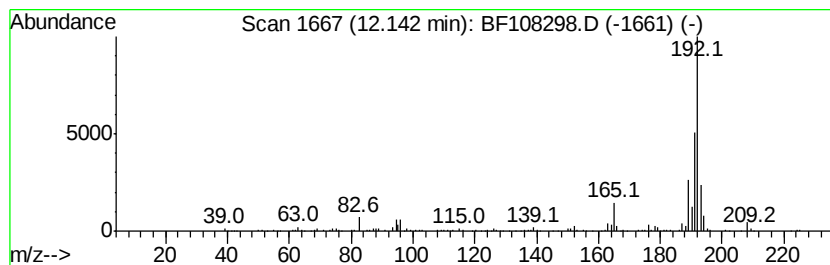
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	7.67 ng	415563	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96



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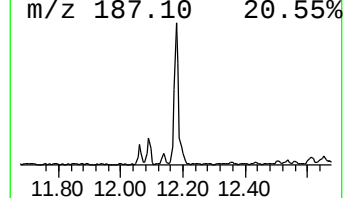
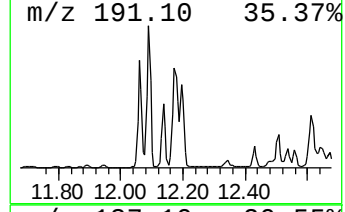
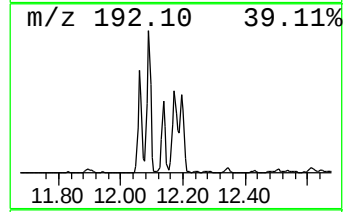
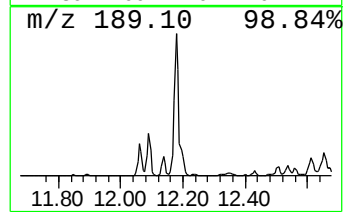
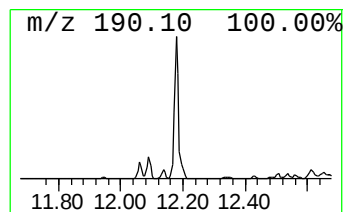
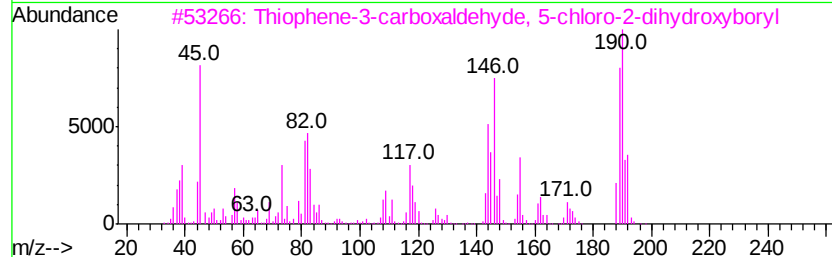
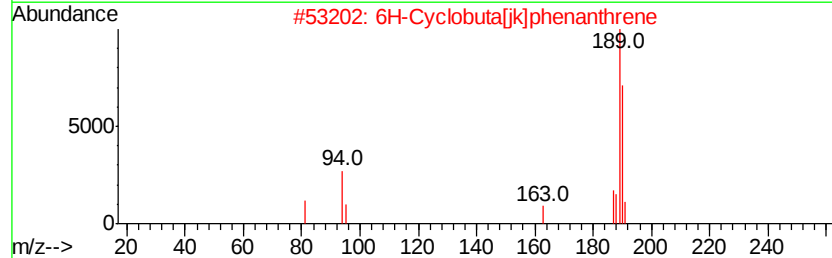
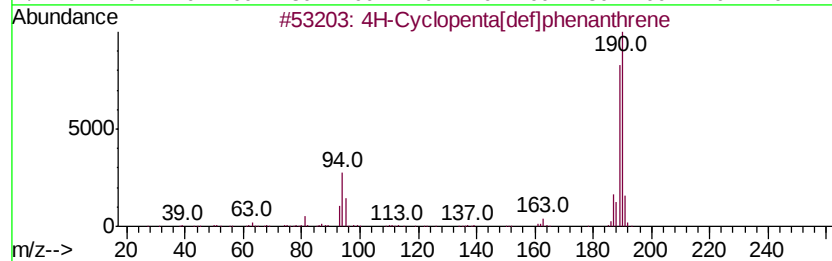
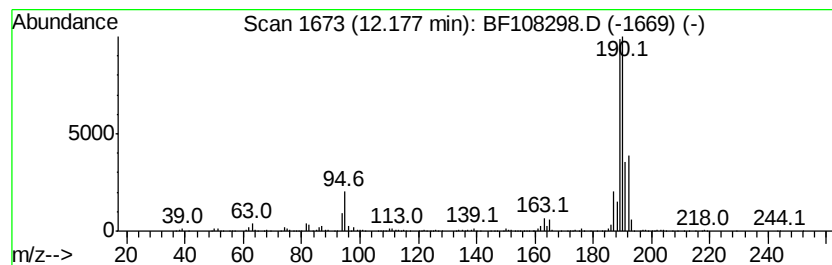
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	26.34 ng	1427200	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	59
3		Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	52
4		2,3,5,6-Tetramethylterephthalaldehyde	190	C12H14O2	007072-01-7	47
5		Methyl diselenide	190	C2H6Se2	007101-31-7	45



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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-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	6.80 ng	368208	Phenanthrene-d10	11.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90

