

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099415.D
 Acq On : 13 Oct 2017 00:43
 Operator : SJ/JU
 Sample : I5729-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7E-(1-2)

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	2.152	6	11	17	rVB	55629	70855	2.00%	0.130%
2	5.087	504	510	523	rBV	345475	515284	14.51%	0.946%
3	5.481	573	577	580	rBV	2564342	2578080	72.60%	4.733%
4	6.492	743	749	757	rBV	2384390	2661938	74.96%	4.887%
5	6.628	767	772	775	rBV	2782437	2687767	75.69%	4.934%
6	6.851	807	810	816	rVB	808995	673418	18.96%	1.236%
7	7.010	833	837	840	rBV	2421421	2110911	59.45%	3.875%
8	7.422	902	907	909	rBV	1601602	1665317	46.90%	3.057%
9	8.134	1025	1028	1030	rVV	1008607	821253	23.13%	1.508%
10	8.151	1030	1031	1034	rVV	129864	105936	2.98%	0.194%
11	8.716	1123	1127	1132	rVB	70008	58057	1.63%	0.107%
12	8.845	1146	1149	1152	rBV	112565	87682	2.47%	0.161%
13	9.210	1205	1211	1214	rBV	2901292	2710486	76.33%	4.976%
14	9.281	1219	1223	1225	rVV	79664	75562	2.13%	0.139%
15	9.469	1251	1255	1260	rVB	45725	59726	1.68%	0.110%
16	9.545	1265	1268	1270	rBV	65652	69884	1.97%	0.128%
17	9.598	1274	1277	1284	rVB	458454	380894	10.73%	0.699%
18	9.810	1306	1313	1317	rVV	104917	102485	2.89%	0.188%
19	9.886	1323	1326	1329	rVV2	867131	710769	20.02%	1.305%
20	9.922	1329	1332	1335	rVB	211595	194040	5.46%	0.356%
21	10.092	1357	1361	1364	rVV2	186021	166661	4.69%	0.306%
22	10.128	1364	1367	1371	rVB2	73468	62833	1.77%	0.115%
23	10.304	1391	1397	1400	rBV2	167664	185202	5.22%	0.340%
24	10.433	1415	1419	1425	rBV	224449	208248	5.86%	0.382%
25	10.592	1443	1446	1450	rVB	66815	72292	2.04%	0.133%
26	10.675	1457	1460	1464	rBV	1153413	1125726	31.70%	2.067%
27	10.780	1475	1478	1487	rVB2	353742	428696	12.07%	0.787%
28	10.980	1505	1512	1514	rVV5	63955	110578	3.11%	0.203%
29	11.110	1528	1534	1536	rBV4	59776	97297	2.74%	0.179%
30	11.180	1543	1546	1550	rBV	228872	199786	5.63%	0.367%
31	11.227	1550	1554	1557	rVV3	269102	276615	7.79%	0.508%
32	11.269	1557	1561	1566	rVB2	179006	227306	6.40%	0.417%
33	11.375	1575	1579	1581	rBV	673421	654473	18.43%	1.201%
34	11.404	1581	1584	1587	rVV	2514098	2264333	63.77%	4.157%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.451	1587	1592	1595	rVV	552377	494327	13.92%	0.907%
36	11.486	1595	1598	1603	rVV2	75651	108666	3.06%	0.199%
37	11.557	1608	1610	1614	rVV3	47517	58409	1.64%	0.107%
38	11.604	1614	1618	1622	rVV2	307269	369215	10.40%	0.678%
39	11.651	1623	1626	1631	rVV2	178181	215697	6.07%	0.396%
40	11.704	1632	1635	1640	rVB3	87472	114551	3.23%	0.210%
41	11.874	1661	1664	1666	rBV	291860	249810	7.04%	0.459%
42	11.904	1666	1669	1672	rVV	449170	385419	10.85%	0.708%
43	11.951	1675	1677	1680	rVV	110702	82421	2.32%	0.151%
44	11.986	1680	1683	1686	rVV2	440436	508388	14.32%	0.933%
45	12.010	1686	1687	1690	rVB	205868	115812	3.26%	0.213%
46	12.057	1692	1695	1698	rBV	161099	156975	4.42%	0.288%
47	12.169	1711	1714	1717	rBV	273784	235594	6.63%	0.432%
48	12.204	1717	1720	1724	rVB	313034	292286	8.23%	0.537%
49	12.351	1742	1745	1747	rVB2	85437	79144	2.23%	0.145%
50	12.374	1747	1749	1752	rVB	86504	68911	1.94%	0.127%
51	12.422	1754	1757	1760	rBV	169897	187379	5.28%	0.344%
52	12.451	1760	1762	1766	rVV3	147273	161384	4.54%	0.296%
53	12.522	1770	1774	1777	rVB2	209913	224861	6.33%	0.413%
54	12.598	1782	1787	1790	rBV	2988674	3395346	95.62%	6.233%
55	12.657	1795	1797	1800	rVV2	76288	68138	1.92%	0.125%
56	12.739	1809	1811	1814	rVB2	116616	117795	3.32%	0.216%
57	12.827	1819	1826	1829	rBV2	2761955	3550922	100.00%	6.518%
58	12.869	1830	1833	1837	rVB2	169099	179517	5.06%	0.330%
59	12.957	1841	1848	1851	rBV2	1859040	2088262	58.81%	3.833%
60	12.980	1851	1852	1855	rVB	214981	128015	3.61%	0.235%
61	13.033	1857	1861	1865	rBV3	181079	327743	9.23%	0.602%
62	13.069	1865	1867	1870	rVV	66079	67600	1.90%	0.124%
63	13.121	1873	1876	1878	rBV3	178626	227674	6.41%	0.418%
64	13.145	1878	1880	1883	rVB	333393	312152	8.79%	0.573%
65	13.174	1883	1885	1889	rBV4	99693	100205	2.82%	0.184%
66	13.216	1889	1892	1894	rVV	215259	195449	5.50%	0.359%
67	13.251	1894	1898	1900	rVV2	256711	283508	7.98%	0.520%
68	13.274	1900	1902	1905	rVV	107075	97793	2.75%	0.180%
69	13.304	1905	1907	1910	rVB3	71695	58891	1.66%	0.108%
70	13.345	1911	1914	1916	rVV	149123	117574	3.31%	0.216%
71	13.374	1916	1919	1927	rVV3	175081	205150	5.78%	0.377%

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72	13.516	1941	1943	1945	rBV2	66970	67715	1.91%	0.124%
73	13.569	1950	1952	1955	rVB2	125162	122119	3.44%	0.224%
74	13.657	1964	1967	1972	rVB	355851	318766	8.98%	0.585%
75	13.769	1982	1986	1988	rBV	325966	340306	9.58%	0.625%
76	13.792	1988	1990	1992	rVV	271734	224753	6.33%	0.413%
77	13.821	1992	1995	1996	rVV	292265	290263	8.17%	0.533%
78	13.868	2000	2003	2006	rVB	339304	318206	8.96%	0.584%
79	14.016	2020	2028	2031	rBV2	1619665	2544765	71.66%	4.671%
80	14.051	2031	2034	2037	rVB	1494140	1335471	37.61%	2.452%
81	14.127	2044	2047	2049	rBV	252972	202280	5.70%	0.371%
82	14.210	2059	2061	2063	rVB	119439	82465	2.32%	0.151%
83	14.245	2063	2067	2070	rBV2	161097	232309	6.54%	0.426%
84	14.363	2085	2087	2090	rBV2	82585	96471	2.72%	0.177%
85	14.404	2092	2094	2097	rVB	228638	183551	5.17%	0.337%
86	14.439	2097	2100	2102	rBV	117928	112427	3.17%	0.206%
87	14.527	2113	2115	2117	rBV	99309	74220	2.09%	0.136%
88	14.551	2117	2119	2123	rVB3	120442	109208	3.08%	0.200%
89	14.721	2145	2148	2151	rBV	90652	99695	2.81%	0.183%
90	15.068	2202	2207	2210	rBV	1107540	1786855	50.32%	3.280%
91	15.168	2222	2224	2229	rVB	150656	167105	4.71%	0.307%
92	15.374	2254	2259	2264	rVB	659075	908345	25.58%	1.667%
93	15.439	2265	2270	2273	rVV	866101	1100561	30.99%	2.020%
94	15.492	2274	2279	2282	rVV2	415618	719999	20.28%	1.322%
95	15.527	2282	2285	2292	rVB	321997	429933	12.11%	0.789%
96	15.915	2347	2351	2357	rVB2	202034	312913	8.81%	0.574%
97	16.415	2431	2436	2443	rVB	182261	355404	10.01%	0.652%
98	16.980	2525	2532	2541	rBV2	407103	937767	26.41%	1.721%
99	17.433	2602	2609	2619	rVB	283546	602303	16.96%	1.106%
100	17.686	2646	2652	2663	rVB4	112640	347063	9.77%	0.637%

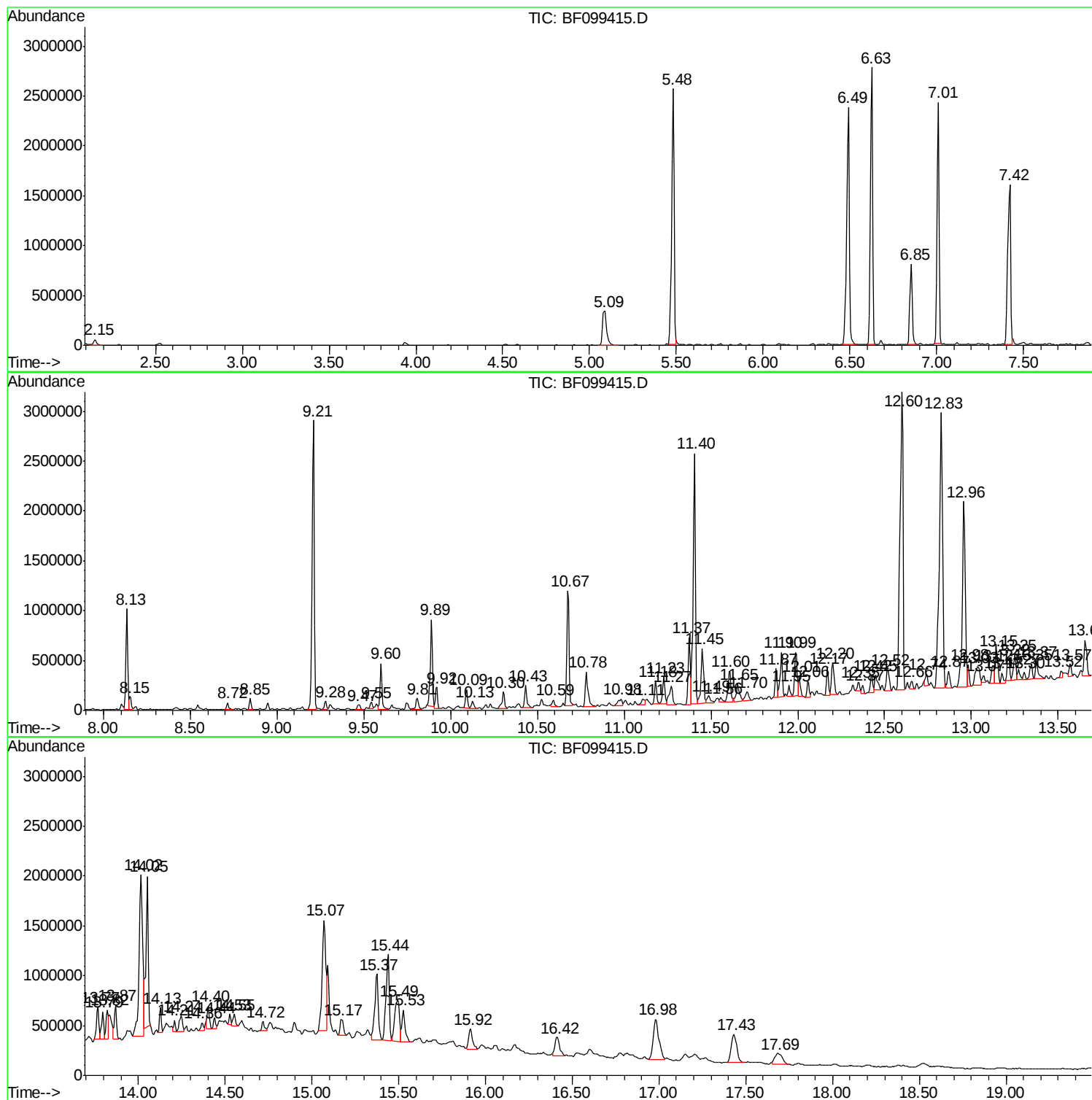
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
7E-(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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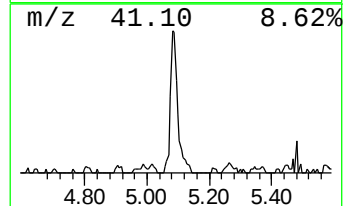
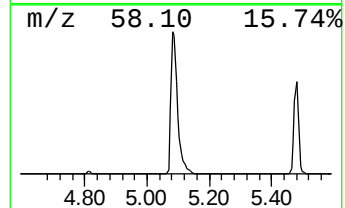
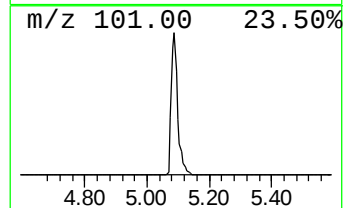
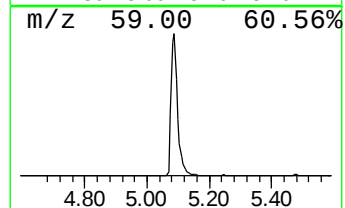
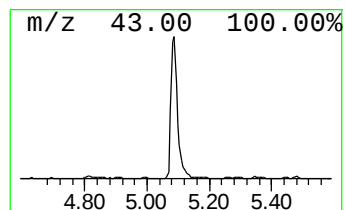
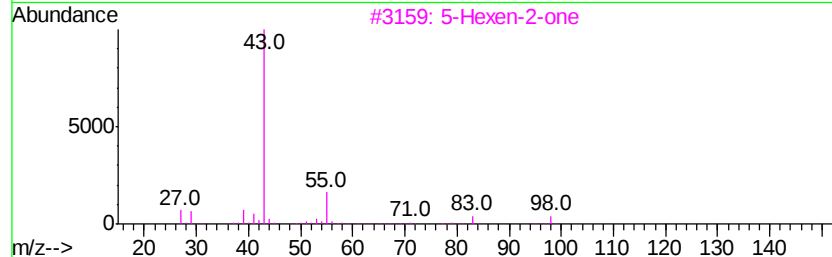
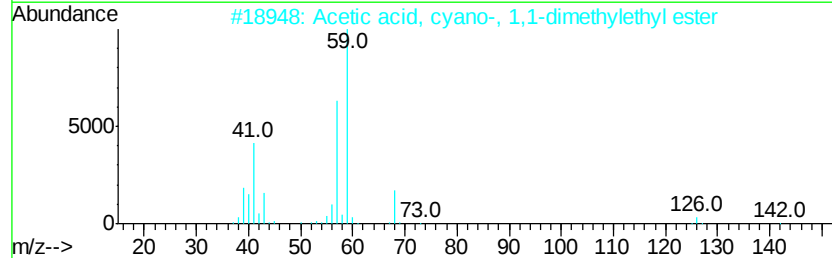
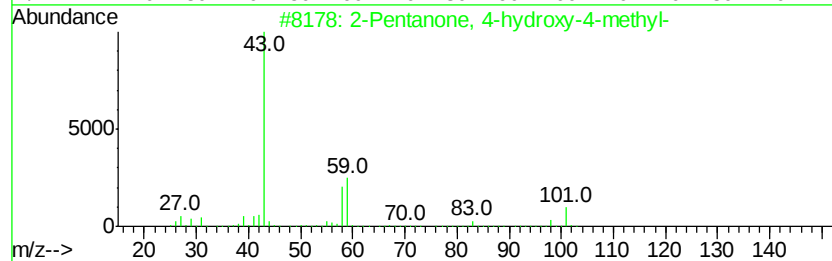
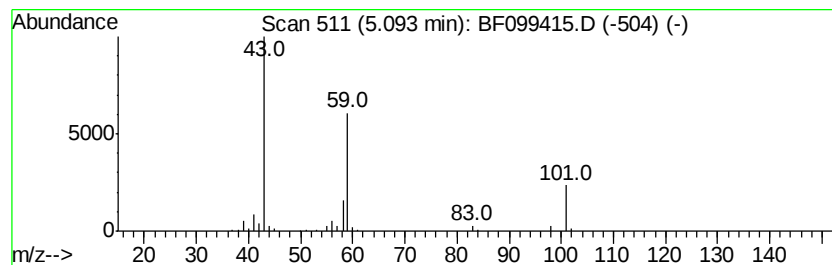
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	15.30 ng	515284	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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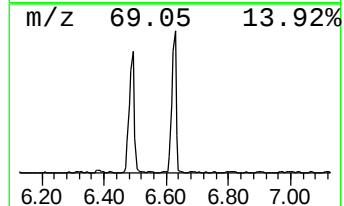
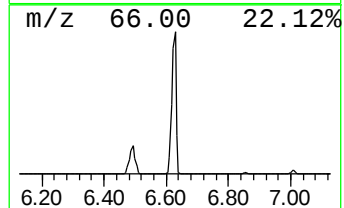
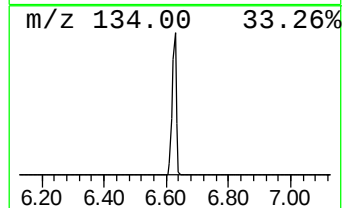
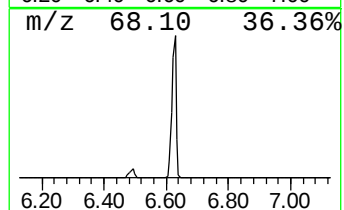
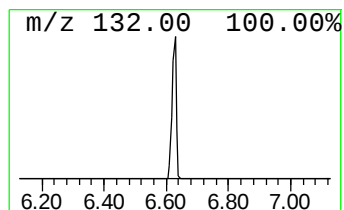
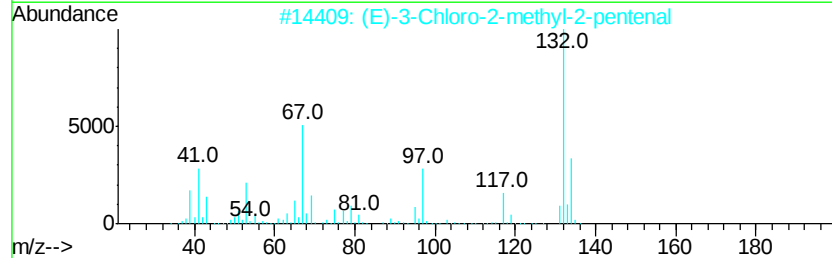
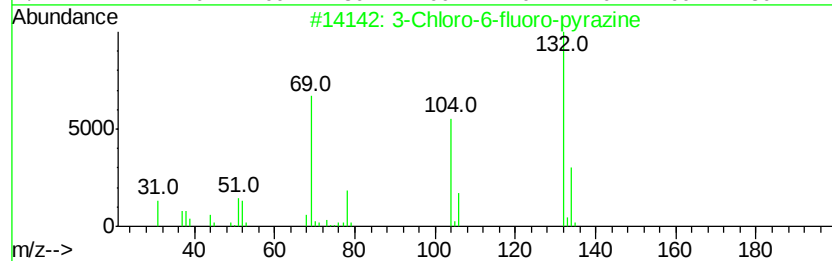
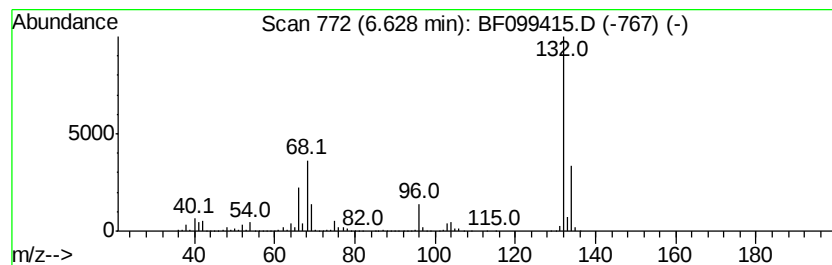
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	79.82 ng	2687770	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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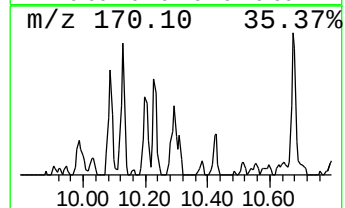
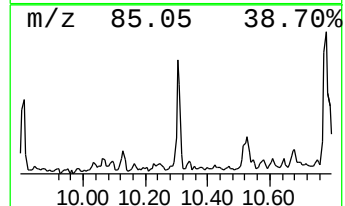
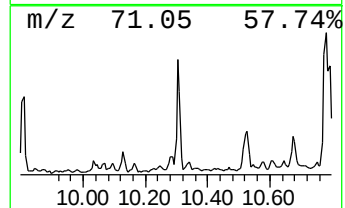
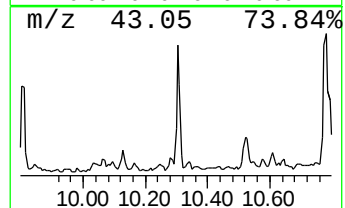
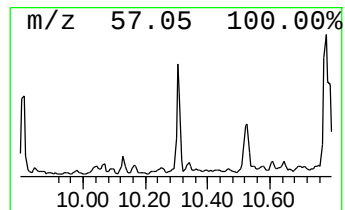
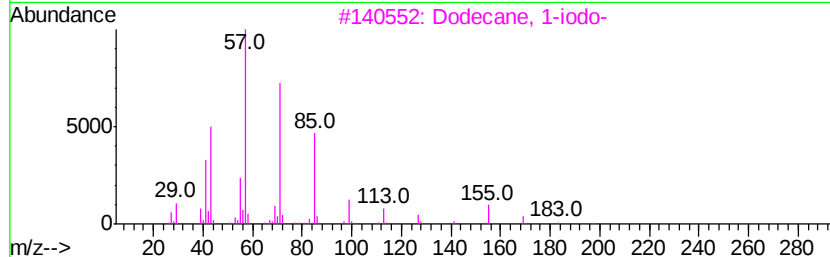
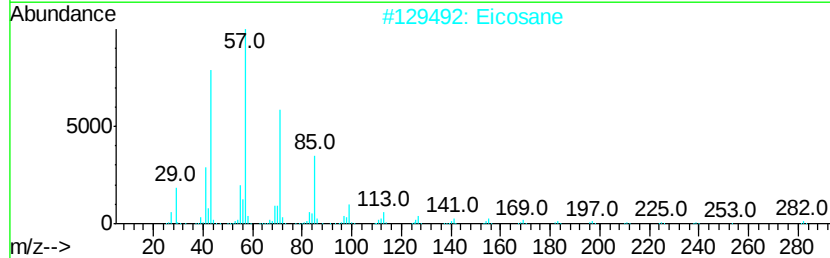
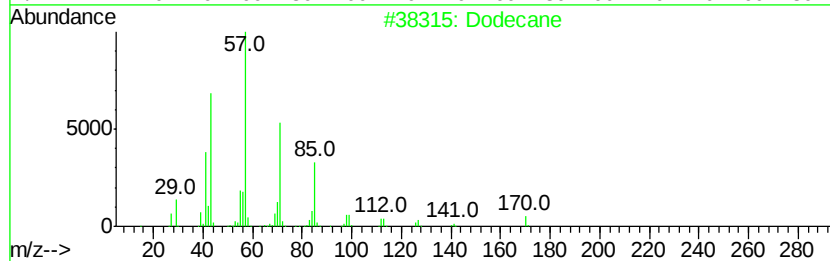
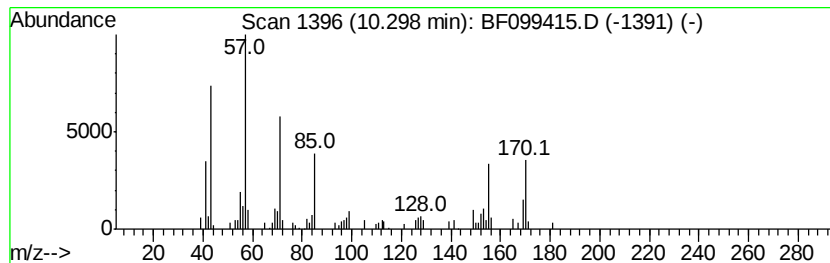
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	5.21 ng	185202	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	86
2		Eicosane	282	C20H42	000112-95-8	83
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4		Pentadecane	212	C15H32	000629-62-9	80
5		Heptadecane	240	C17H36	000629-78-7	72



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Operator : SJ/JU
Sample : I5729-13
Misc :
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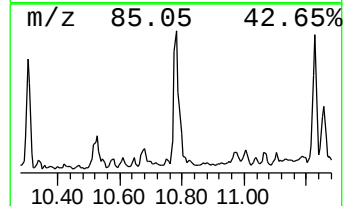
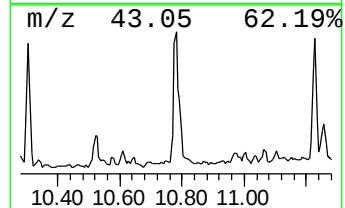
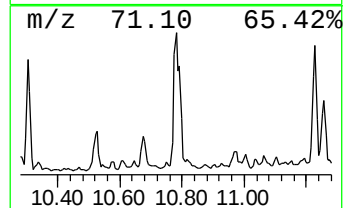
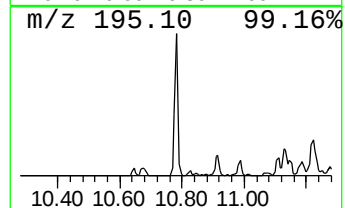
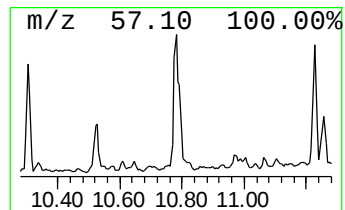
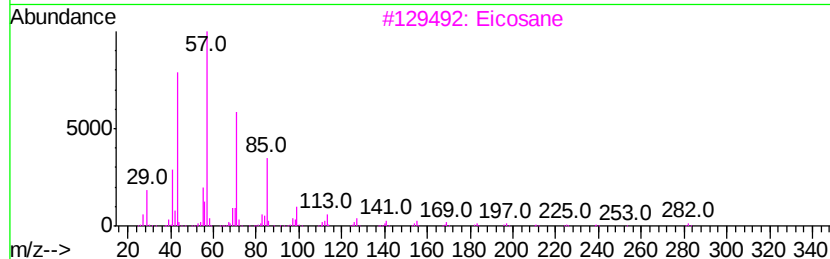
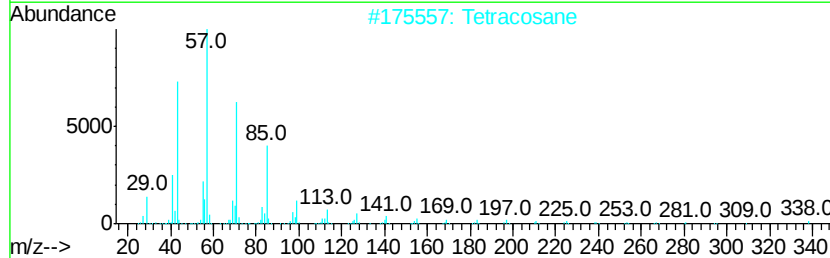
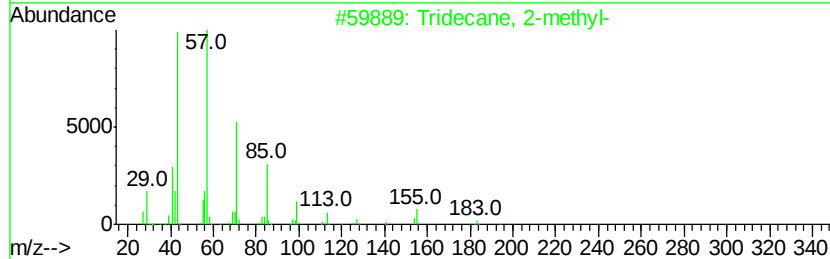
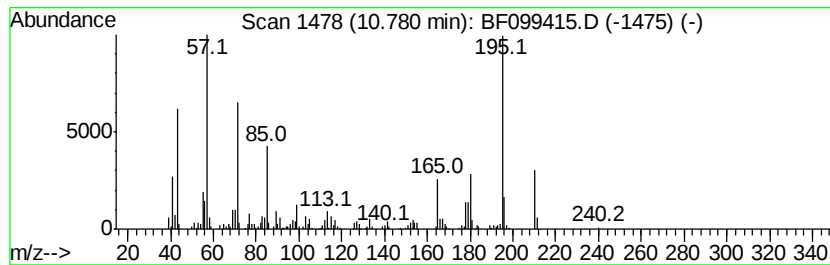
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown10.78 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	13.10 ng	428696	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	38
2	Tetracosane	338	C24H50	000646-31-1	38
3	Eicosane	282	C20H42	000112-95-8	30
4	Hexadecane	226	C16H34	000544-76-3	30
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099415.D
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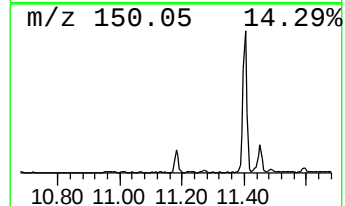
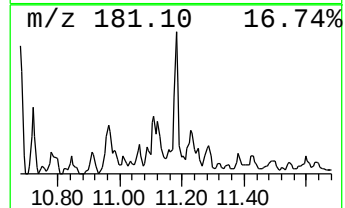
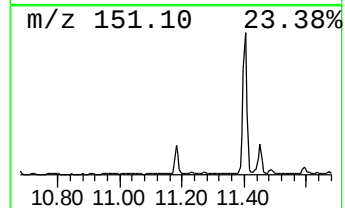
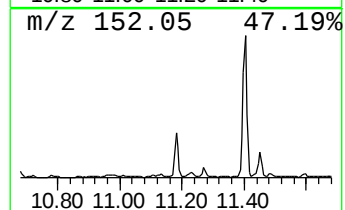
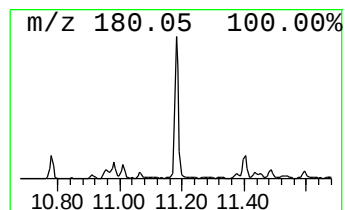
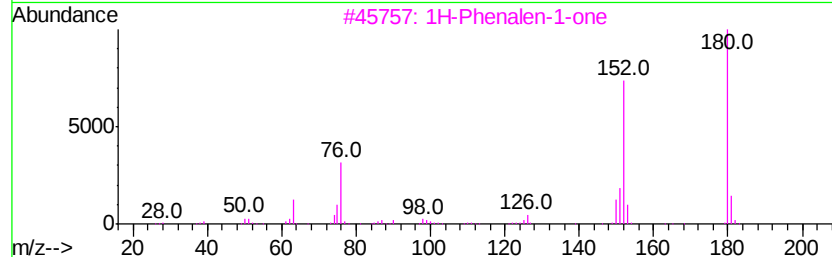
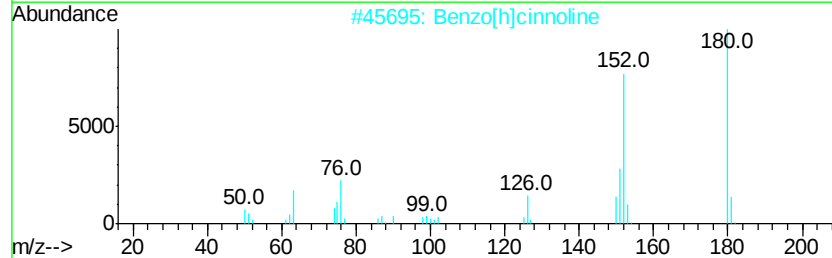
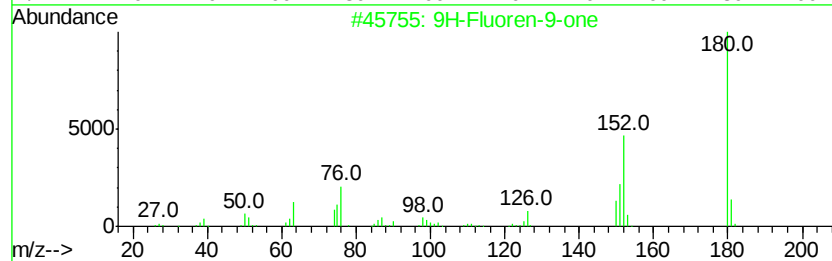
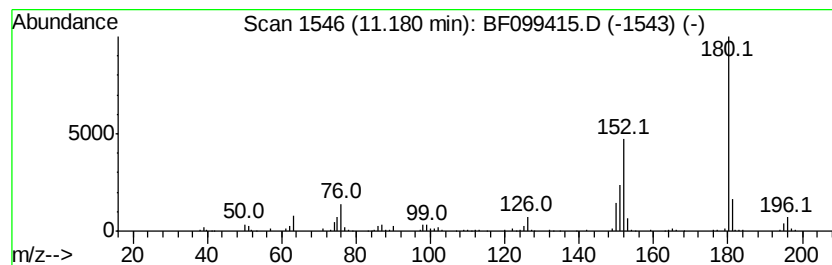
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	6.11 ng	199786	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4		2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	53
5		4-Acetyl-1-naphthonitrile	195	C13H9NO	029139-00-2	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
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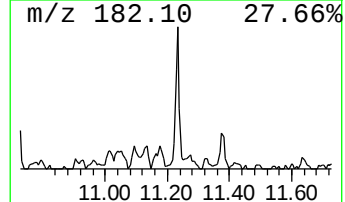
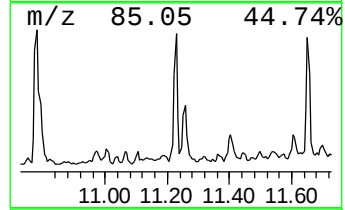
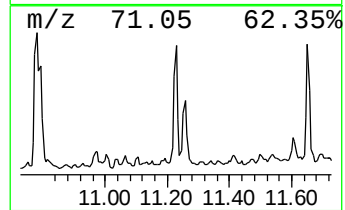
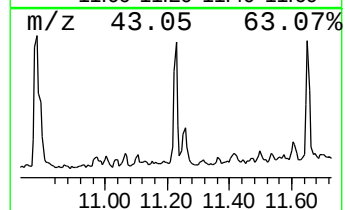
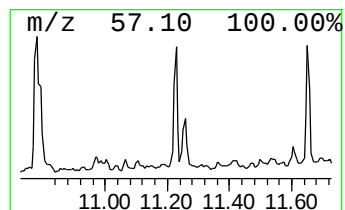
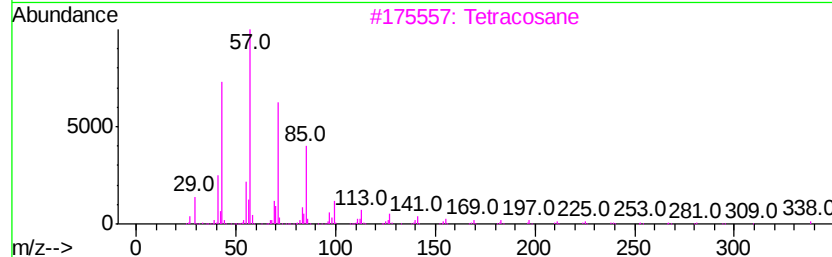
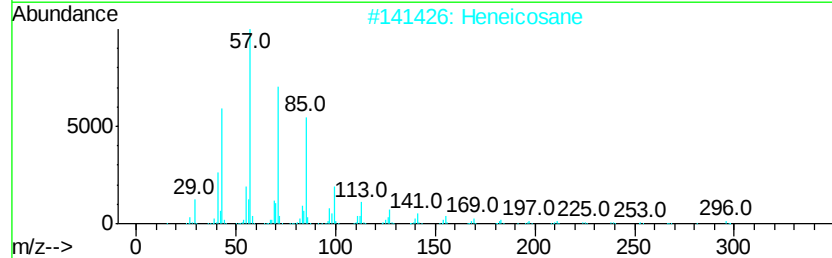
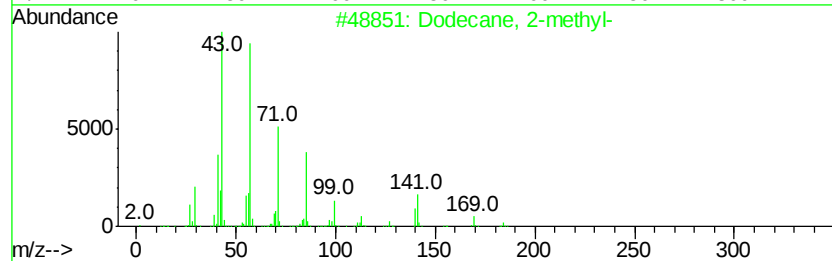
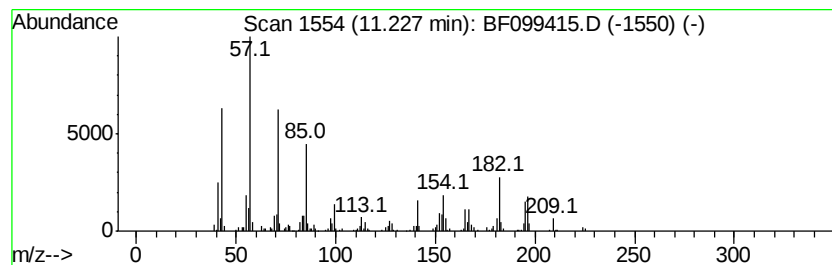
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Dodecane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	8.45 ng	276615	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	55
2		Heneicosane	296	C21H44	000629-94-7	45
3		Tetracosane	338	C24H50	000646-31-1	45
4		Octadecane	254	C18H38	000593-45-3	43
5		Pentadecane	212	C15H32	000629-62-9	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099415.D
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ClientSampleId :
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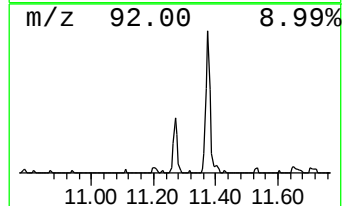
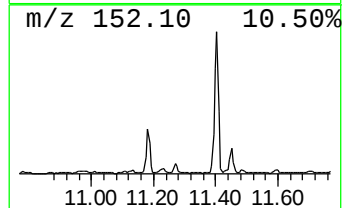
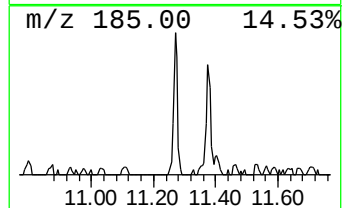
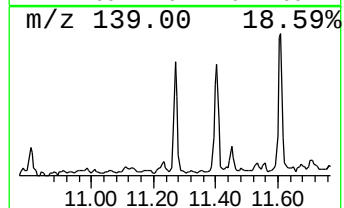
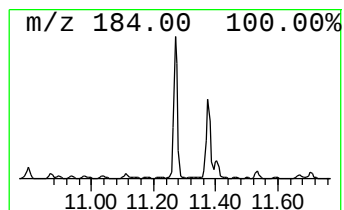
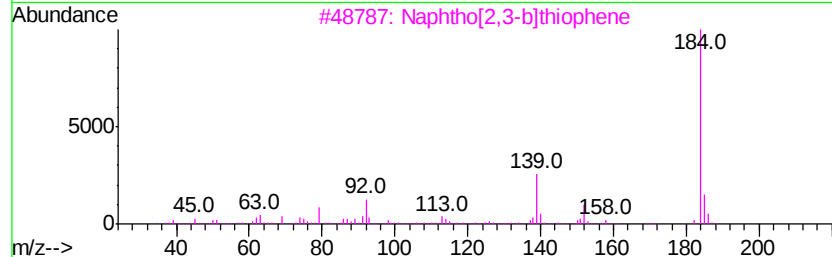
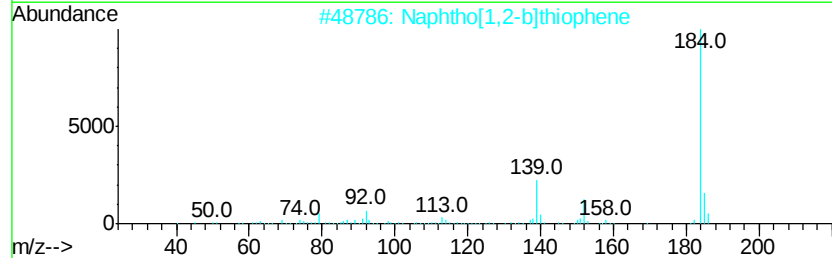
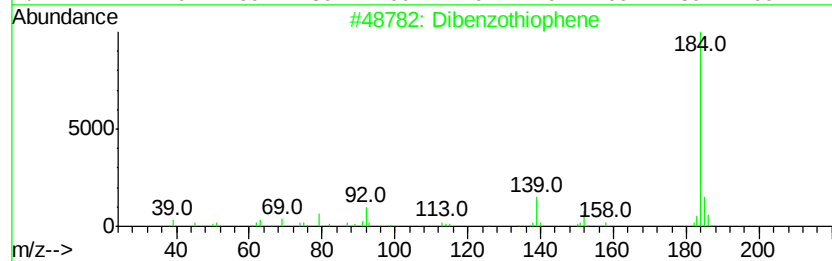
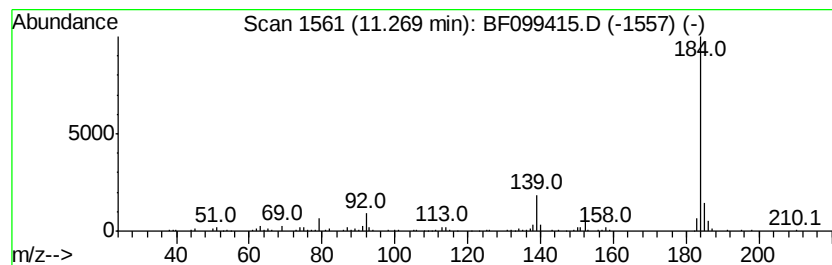
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	6.95 ng	227306	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099415.D
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ClientSampleId :
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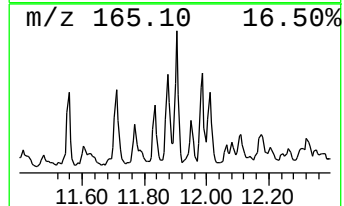
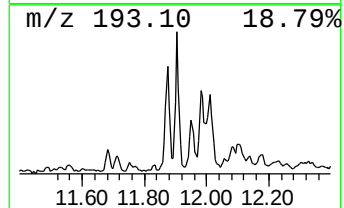
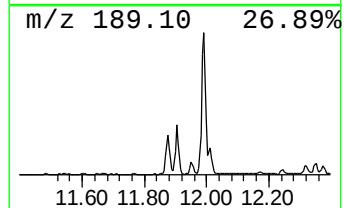
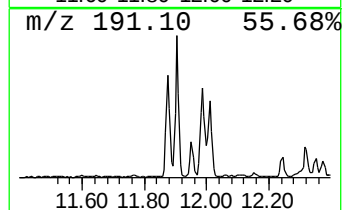
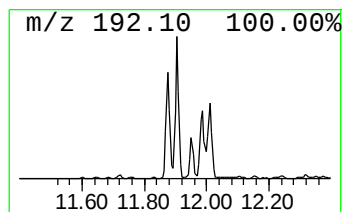
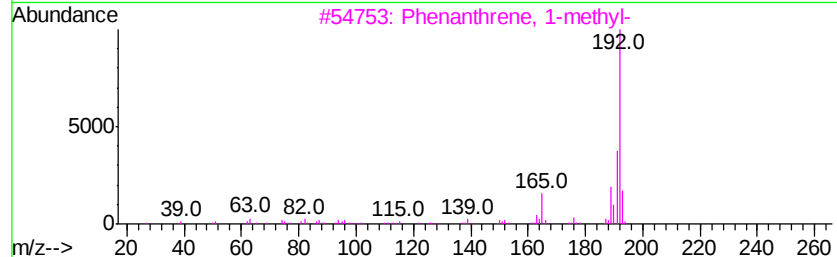
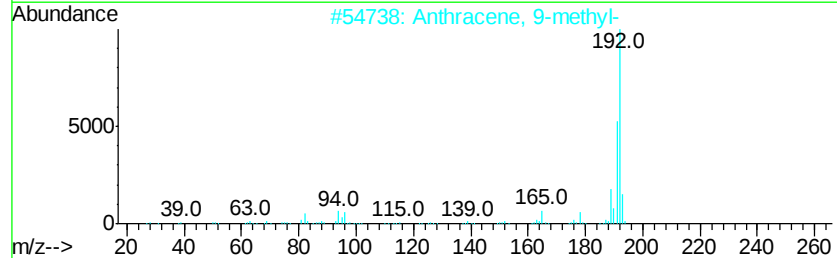
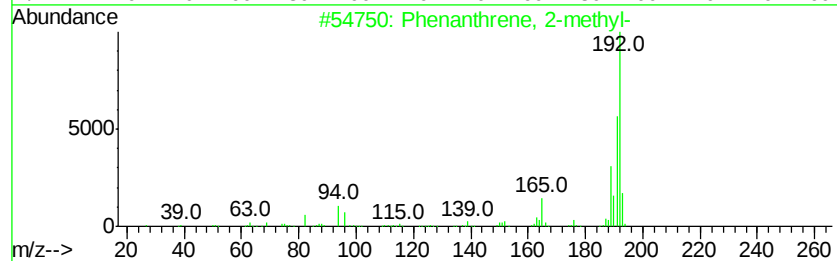
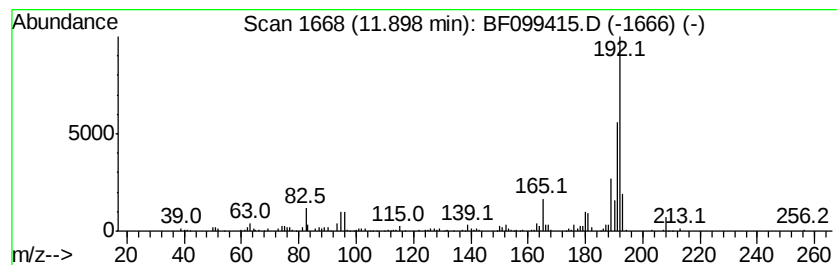
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	11.78 ng	385419	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
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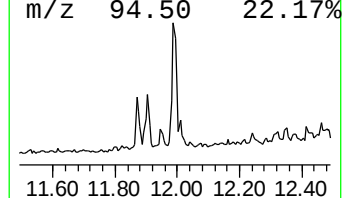
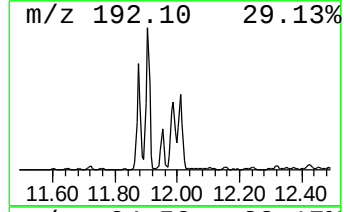
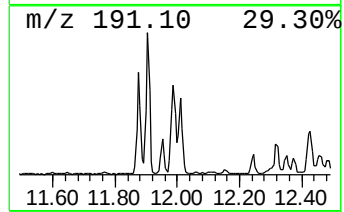
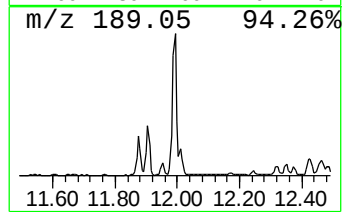
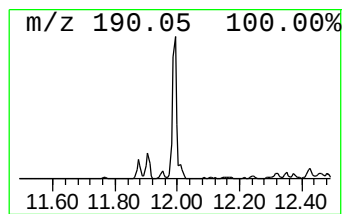
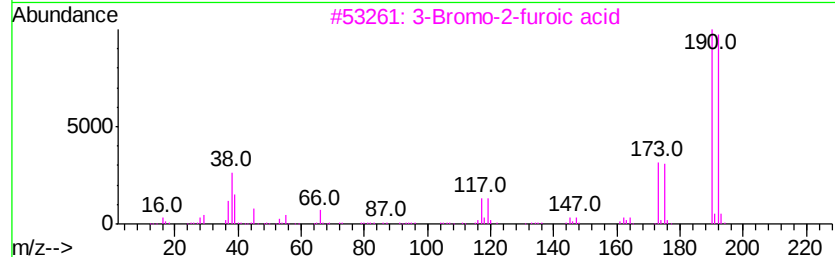
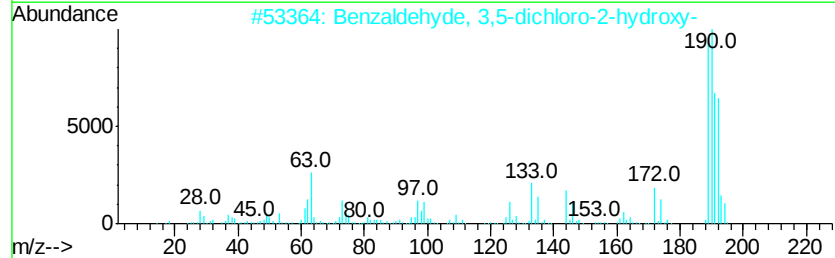
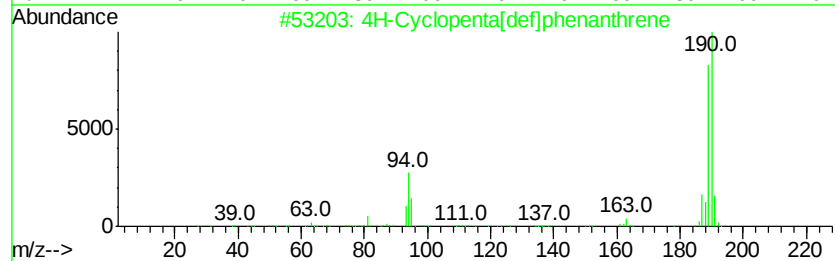
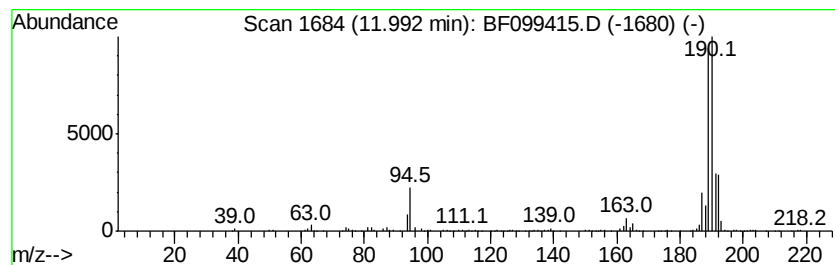
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	15.54 ng	508388	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5		1-(3-Nitro-phenyl)-pyrrolidine	192	C10H12N2O2	1000300-34-7	25



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
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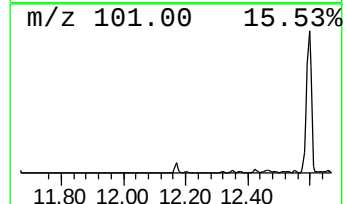
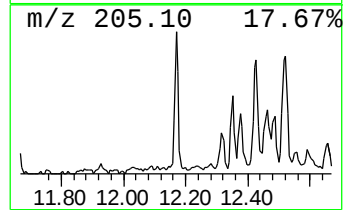
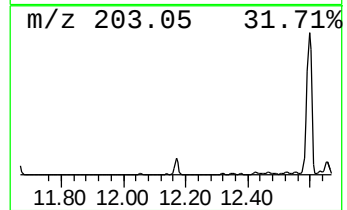
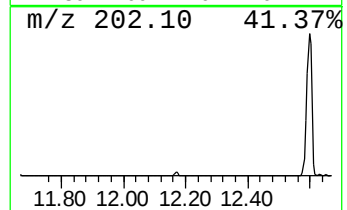
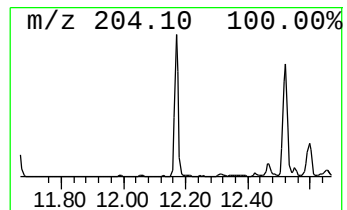
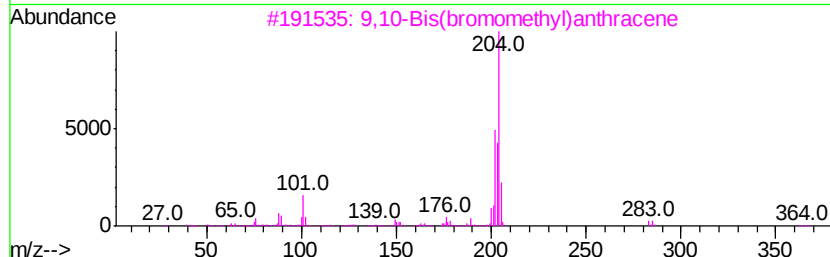
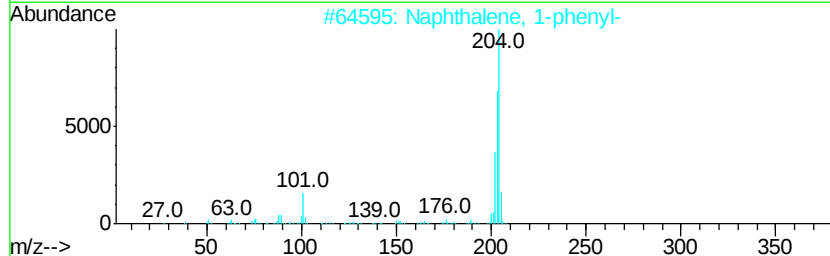
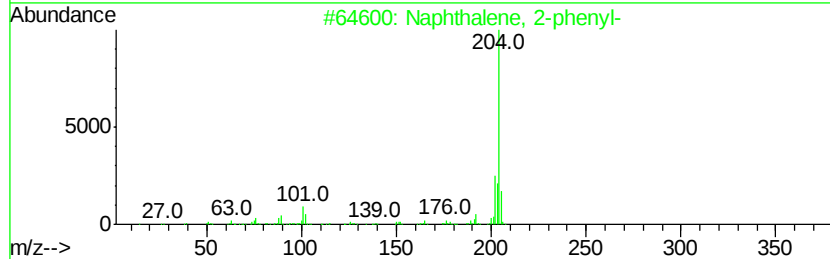
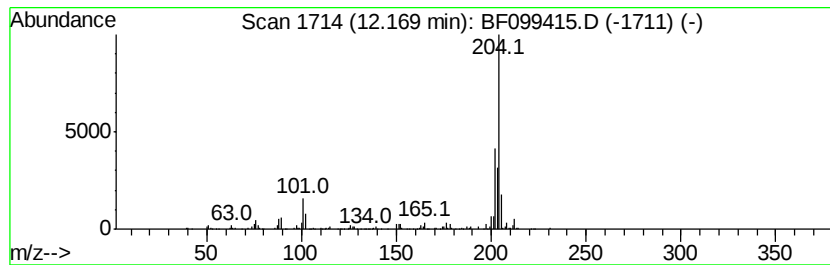
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	7.20 ng	235594	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
3			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5			Levamisole	204	C11H12N2S	014769-73-4	50



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Data File : BF099415.D
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Operator : SJ/JU
Sample : I5729-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

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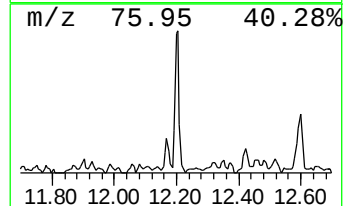
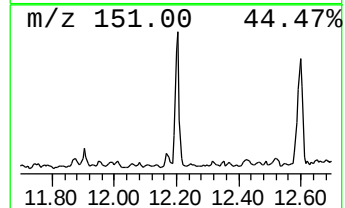
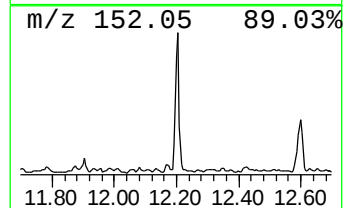
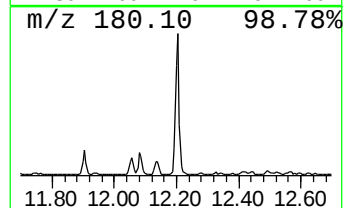
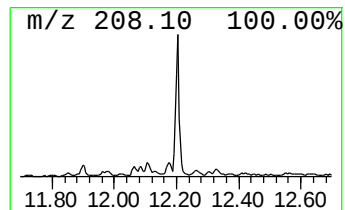
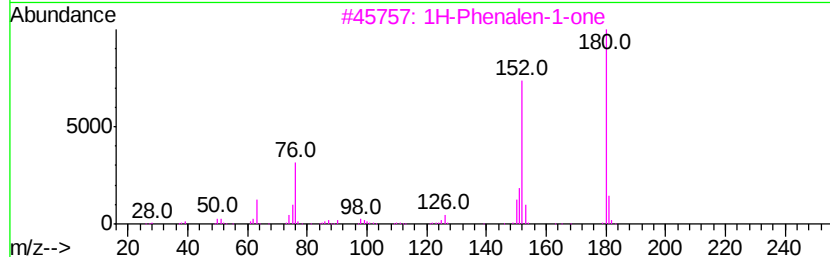
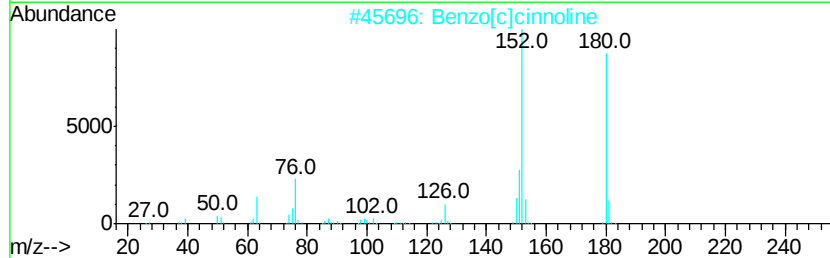
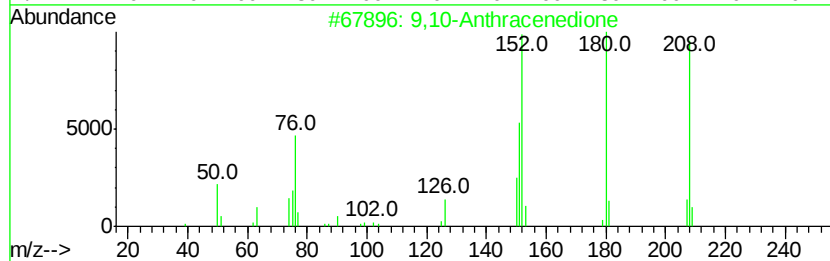
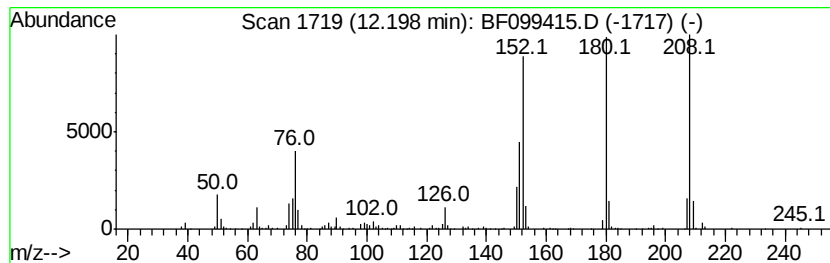
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	8.93 ng	292286	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3			1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
4			Benzo[ghi]cinnoline	180	C12H8N2	000230-31-9	49
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	38



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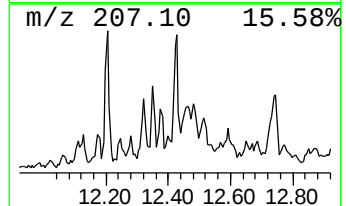
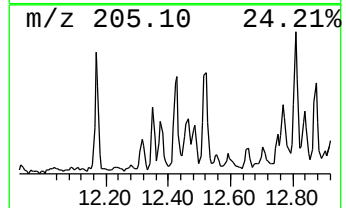
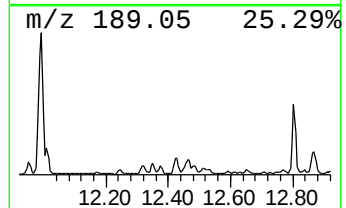
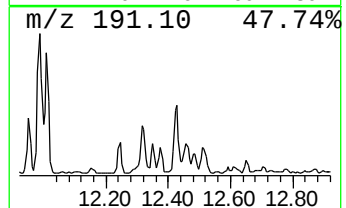
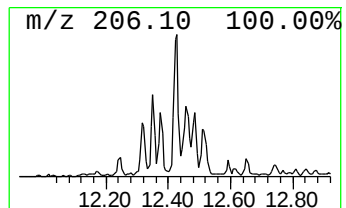
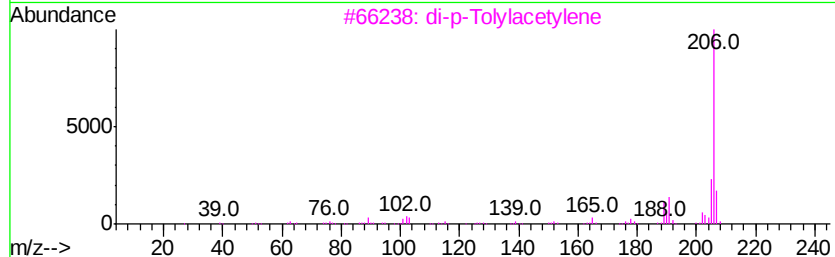
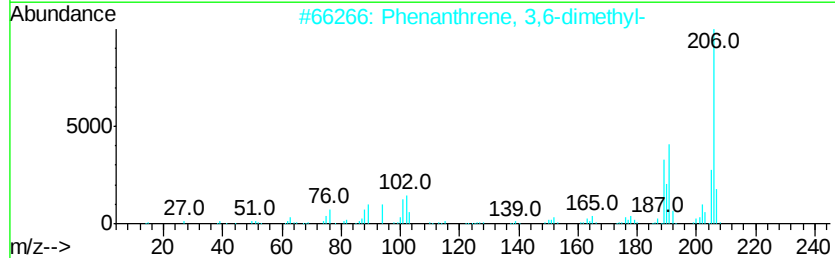
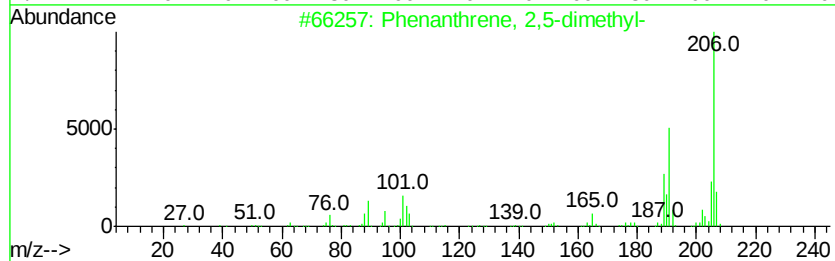
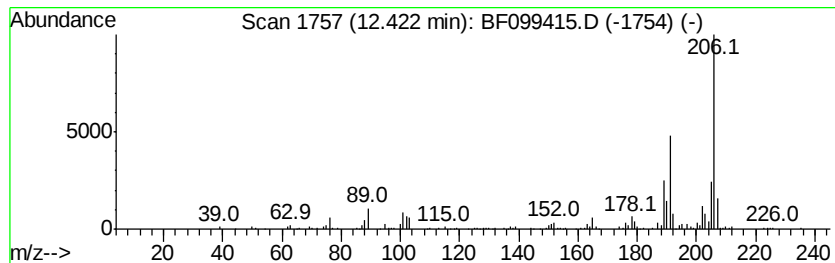
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	5.73 ng	187379	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3			di-p-Tolylacetvlene	206	C16H14	002789-88-0	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	91



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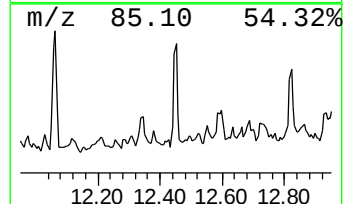
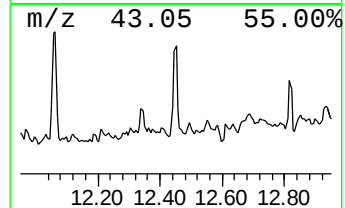
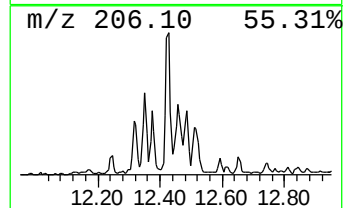
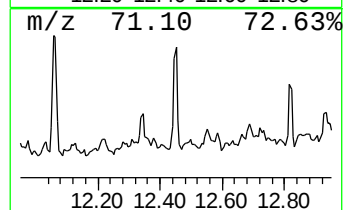
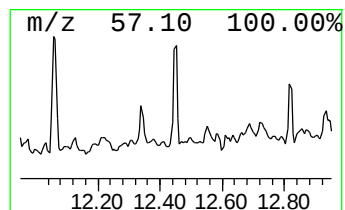
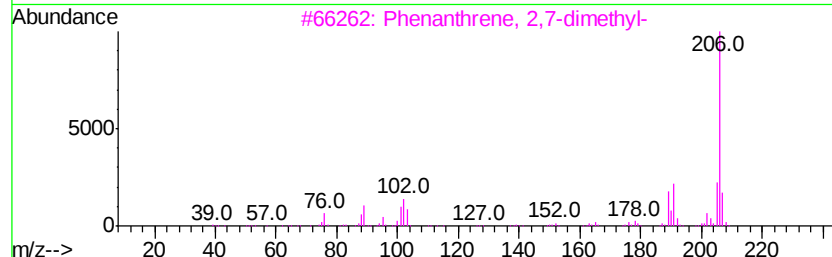
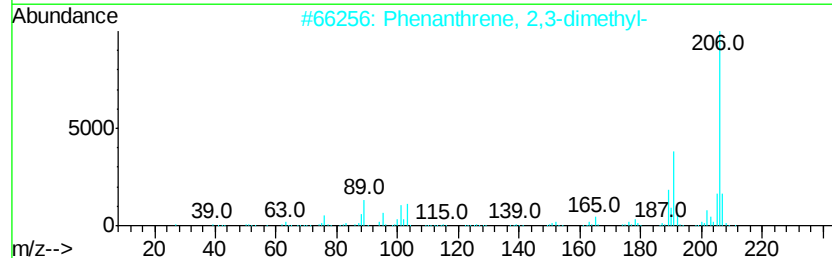
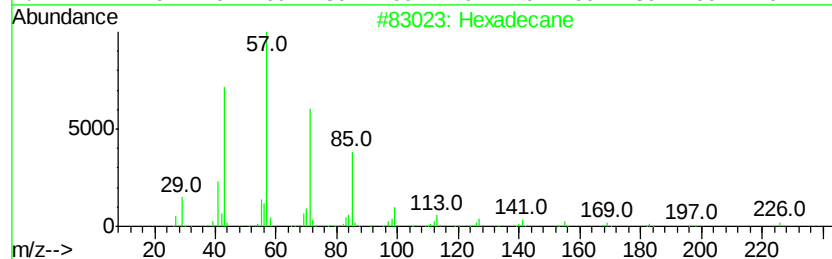
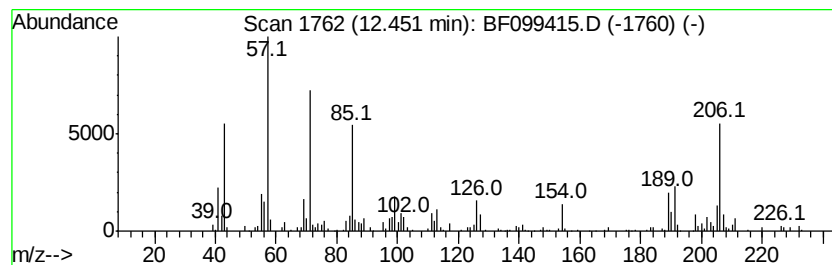
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.93 ng	161384	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	83
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	66
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
4			Tetradecane	198	C14H30	000629-59-4	55
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	50



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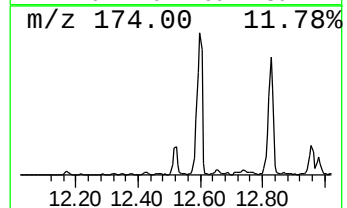
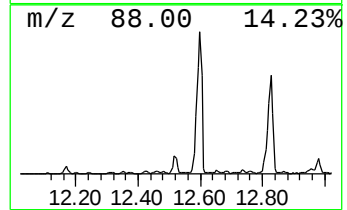
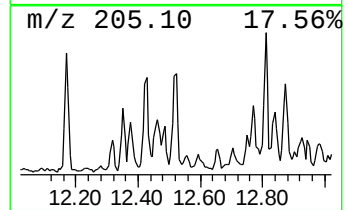
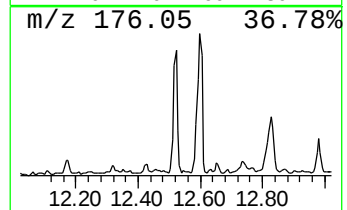
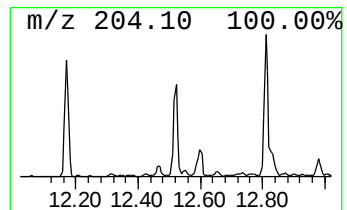
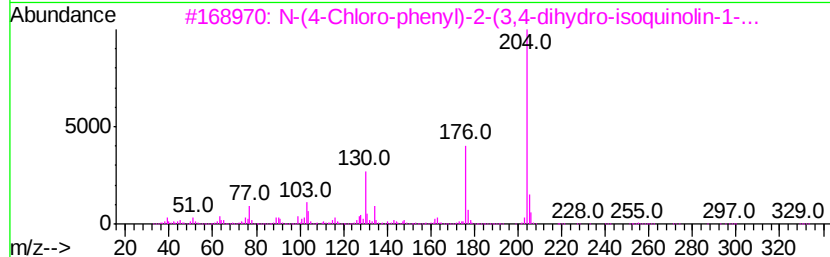
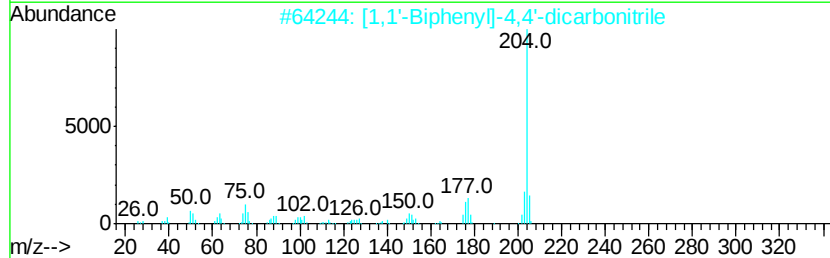
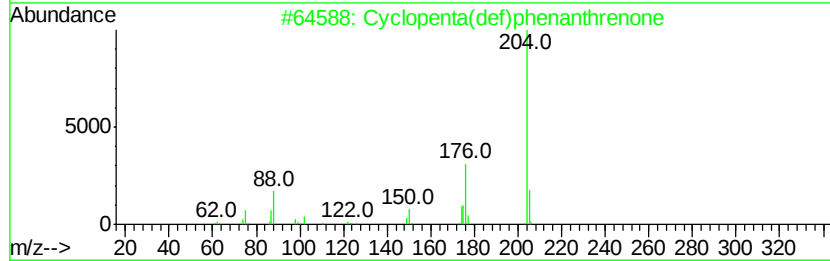
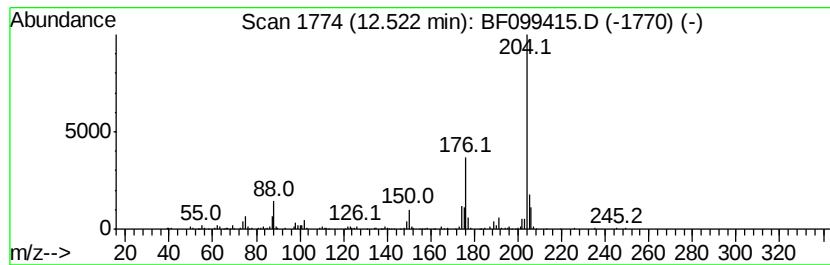
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	6.87 ng	224861	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
4		1,4-Naphthalenedione, 2-hydroxy-...	204	C11H8O4	005257-83-0	50
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43



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Data File : BF099415.D
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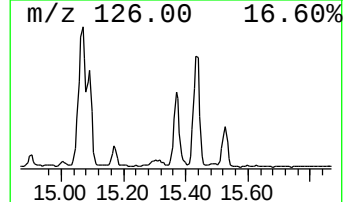
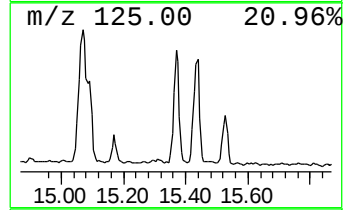
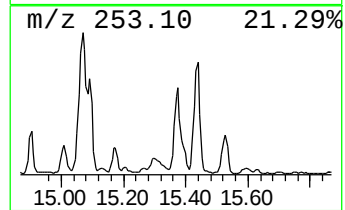
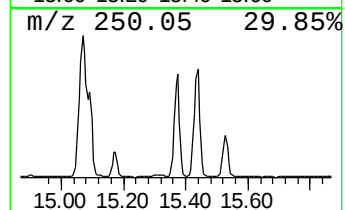
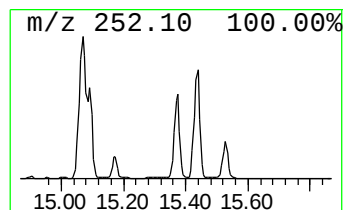
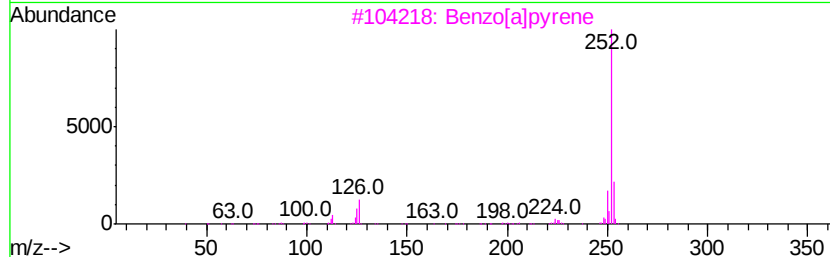
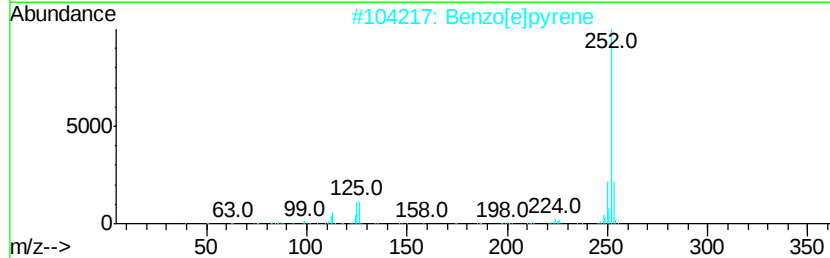
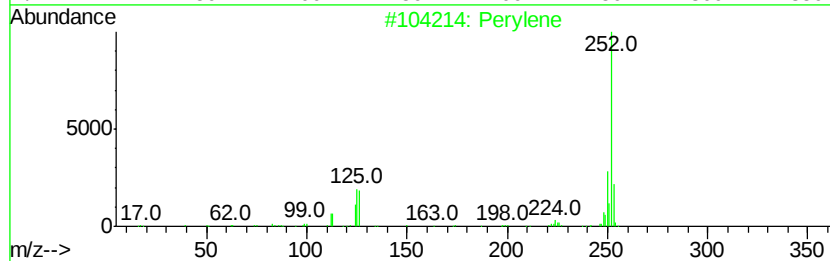
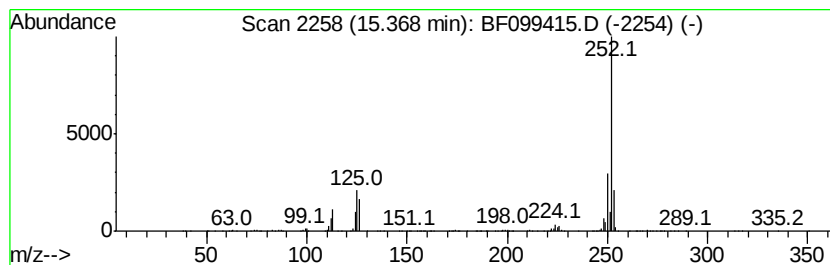
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	25.23 ng	908345	Perylene-d12	15.50

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	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94



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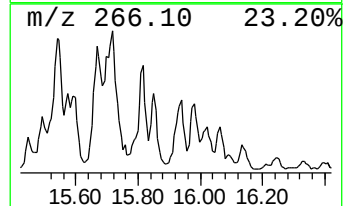
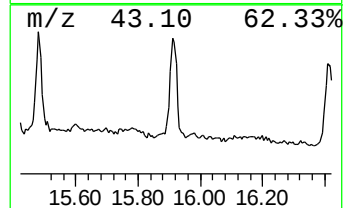
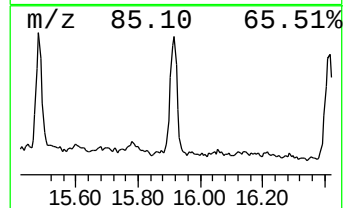
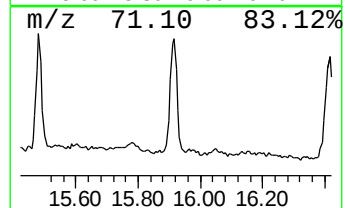
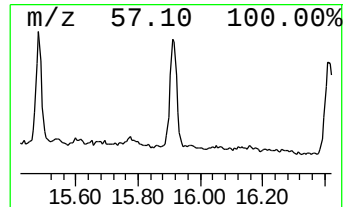
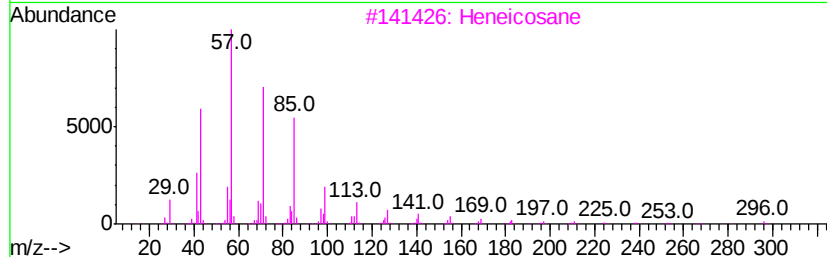
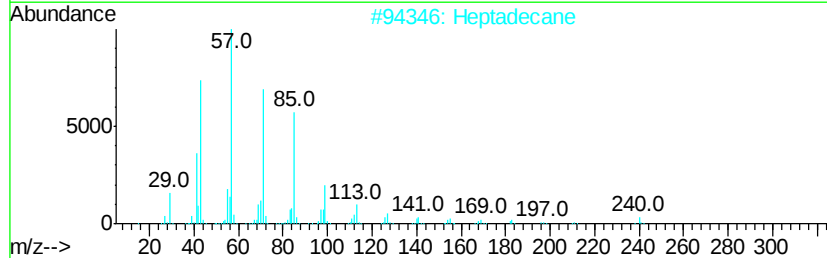
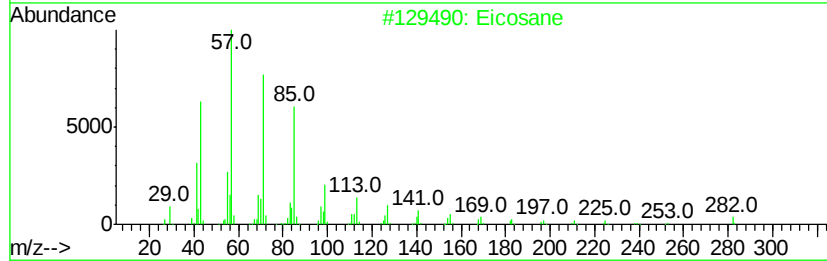
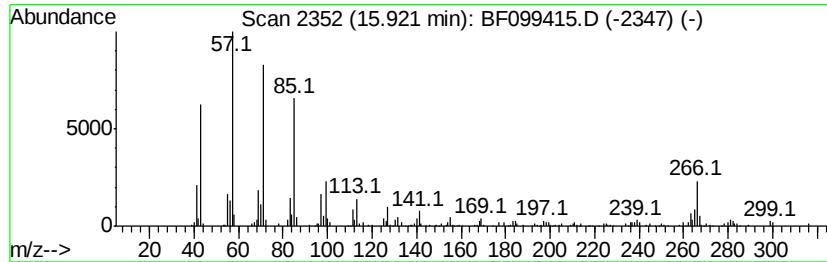
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	8.69 ng	312913	Perylene-d12	15.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	93
2	Heptadecane	240 C17H36	000629-78-7	91
3	Heneicosane	296 C21H44	000629-94-7	90
4	2-methyloctacosane	408 C29H60	1000376-72-8	90
5	Nonadecane, 2-methyl-	282 C20H42	001560-86-7	87



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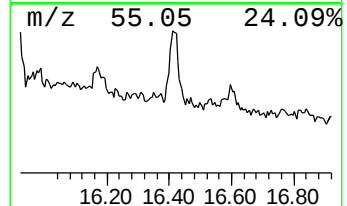
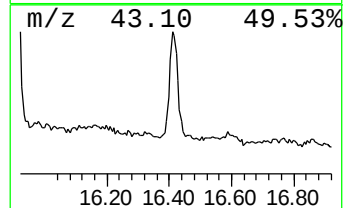
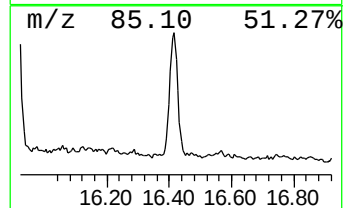
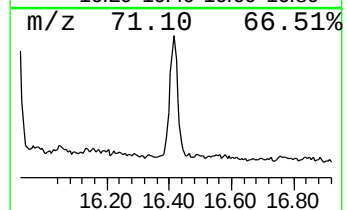
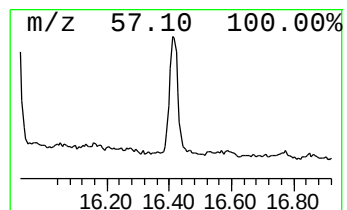
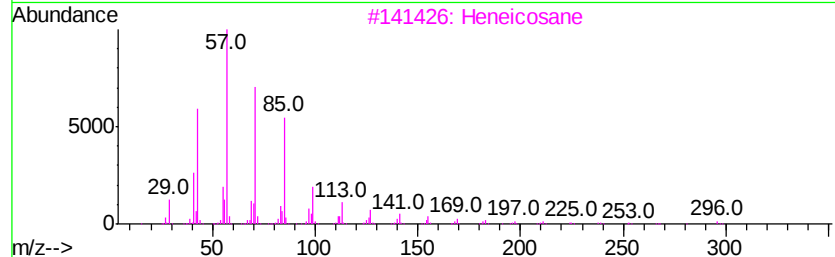
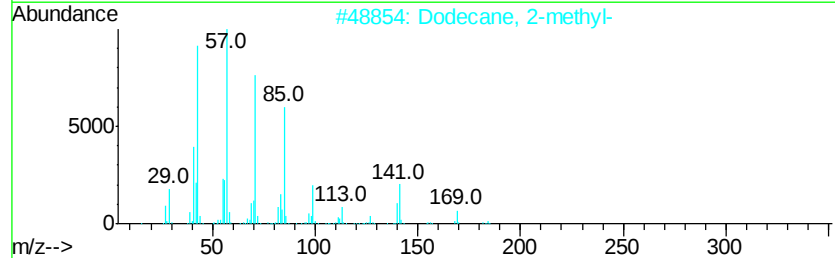
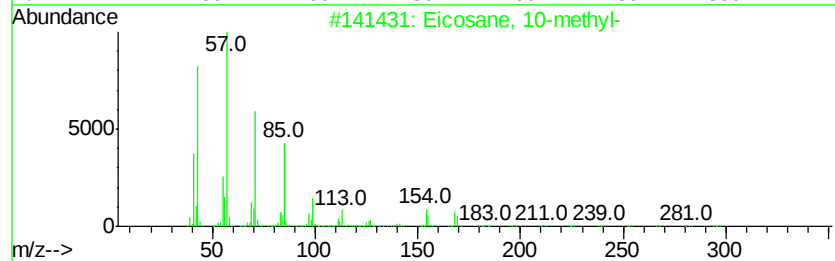
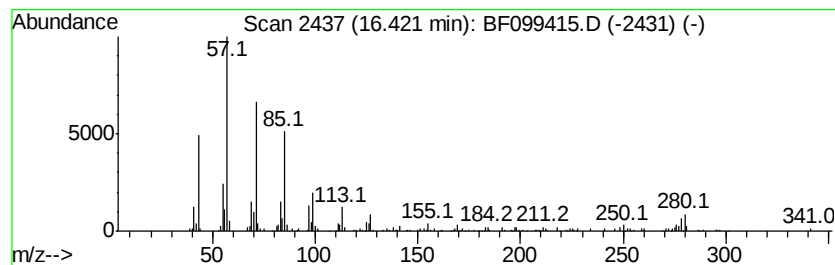
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	9.87 ng	355404	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			10-Methylnonadecane	282	C20H42	056862-62-5	86
5			Octadecane	254	C18H38	000593-45-3	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099415.D
 Acq On : 13 Oct 2017 00:43
 Operator : SJ/JU
 Sample : I5729-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7E-(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.09	15.3	ng	515284	1	6.85	673418	20.0
unknown6.63	6.63	79.8	ng	2687770	1	6.85	673418	20.0
Dodecane	10.30	5.2	ng	185202	3	9.89	710769	20.0
unknown10.78	10.78	13.1	ng	428696	4	11.37	654473	20.0
9H-Fluoren-9-one	11.18	6.1	ng	199786	4	11.37	654473	20.0
Dodecane, 2-methyl-	11.23	8.4	ng	276615	4	11.37	654473	20.0
Dibenzothiophene	11.27	7.0	ng	227306	4	11.37	654473	20.0
Phenanthrene, 2-m...	11.90	11.8	ng	385419	4	11.37	654473	20.0
4H-Cyclopenta[def...	11.99	15.5	ng	508388	4	11.37	654473	20.0
Naphthalene, 2-ph...	12.17	7.2	ng	235594	4	11.37	654473	20.0
9,10-Anthracenedione	12.20	8.9	ng	292286	4	11.37	654473	20.0
Phenanthrene, 2,5...	12.42	5.7	ng	187379	4	11.37	654473	20.0
Hexadecane	12.45	4.9	ng	161384	4	11.37	654473	20.0
Cyclopenta(def)ph...	12.52	6.9	ng	224861	4	11.37	654473	20.0
Perylene	15.37	25.2	ng	908345	6	15.50	719999	20.0
Eicosane	15.92	8.7	ng	312913	6	15.50	719999	20.0
Eicosane, 10-methyl-	16.42	9.9	ng	355404	6	15.50	719999	20.0