

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030618\
 Data File : BF103448.D
 Acq On : 6 Mar 2018 11:50
 Operator : SJ/JU
 Sample : J1778-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

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-BF022218.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	2.116	3	5	15	rVB	168218	203261	7.01%	0.340%
2	5.498	576	580	614	rBV	1995272	2898812	100.00%	4.843%
3	6.510	748	752	771	rBV	2008380	2878083	99.28%	4.809%
4	6.645	771	775	785	rVV	2525196	2732915	94.28%	4.566%
5	6.710	785	786	798	rVB2	48961	110320	3.81%	0.184%
6	6.869	810	813	821	rBV	690999	707536	24.41%	1.182%
7	7.028	836	840	855	rBV	1931483	2111131	72.83%	3.527%
8	7.439	906	910	926	rBV	1524051	1849314	63.80%	3.090%
9	8.151	1028	1031	1033	rVV	897266	886010	30.56%	1.480%
10	8.175	1033	1035	1042	rVV	1122409	1129955	38.98%	1.888%
11	8.869	1149	1153	1161	rBV	626605	629664	21.72%	1.052%
12	8.969	1164	1170	1177	rVB	471206	475724	16.41%	0.795%
13	9.092	1188	1191	1197	rVB	145403	135425	4.67%	0.226%
14	9.227	1207	1214	1223	rBV	2750193	2703189	93.25%	4.516%
15	9.333	1228	1232	1236	rVV	154728	159696	5.51%	0.267%
16	9.386	1237	1241	1246	rVV	205576	299026	10.32%	0.500%
17	9.427	1246	1248	1255	rVB	92030	114585	3.95%	0.191%
18	9.498	1255	1260	1264	rBV	201809	295881	10.21%	0.494%
19	9.569	1268	1272	1274	rVV	300812	324149	11.18%	0.542%
20	9.592	1274	1276	1282	rVV2	192066	238967	8.24%	0.399%
21	9.645	1282	1285	1289	rVV2	91618	86184	2.97%	0.144%
22	9.686	1289	1292	1294	rVV	151667	155015	5.35%	0.259%
23	9.775	1303	1307	1312	rBV2	184903	199249	6.87%	0.333%
24	9.910	1327	1330	1333	rVV2	1136947	1061303	36.61%	1.773%
25	9.945	1333	1336	1342	rVV	671319	602789	20.79%	1.007%
26	10.016	1342	1348	1352	rVB3	58011	87346	3.01%	0.146%
27	10.116	1361	1365	1369	rVV	449519	498968	17.21%	0.834%
28	10.151	1369	1371	1375	rVB	102193	89522	3.09%	0.150%
29	10.222	1379	1383	1386	rBV	100801	110676	3.82%	0.185%
30	10.322	1393	1400	1405	rBV	831217	826753	28.52%	1.381%
31	10.463	1420	1424	1430	rVV	912792	844772	29.14%	1.411%
32	10.527	1430	1435	1437	rVV	238878	252350	8.71%	0.422%
33	10.616	1448	1450	1454	rVB	126795	127360	4.39%	0.213%
34	10.710	1459	1466	1471	rBV2	1646025	1883649	64.98%	3.147%

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35	10.804	1478	1482	1491	rVB5	63263	126419	4.36%	0.211%
36	11.010	1513	1517	1520	rVV2	198413	260895	9.00%	0.436%
37	11.039	1520	1522	1525	rVV	128190	131037	4.52%	0.219%
38	11.092	1528	1531	1534	rVB	104233	98045	3.38%	0.164%
39	11.139	1534	1539	1541	rBV2	60358	90990	3.14%	0.152%
40	11.251	1555	1558	1562	rBV3	90397	122597	4.23%	0.205%
41	11.304	1564	1567	1571	rVB	315207	282148	9.73%	0.471%
42	11.410	1581	1585	1587	rBV	1040438	1176660	40.59%	1.966%
43	11.439	1587	1590	1593	rVV	2663980	2750081	94.87%	4.595%
44	11.486	1595	1598	1602	rVV	1042001	994661	34.31%	1.662%
45	11.521	1602	1604	1607	rVV	119568	139665	4.82%	0.233%
46	11.557	1607	1610	1616	rVV	366512	387351	13.36%	0.647%
47	11.645	1622	1625	1628	rVV	254161	261539	9.02%	0.437%
48	11.739	1639	1641	1645	rVV3	97590	124834	4.31%	0.209%
49	11.774	1645	1647	1652	rVB2	182514	161230	5.56%	0.269%
50	11.821	1652	1655	1660	rBV	58481	90341	3.12%	0.151%
51	11.916	1666	1671	1673	rBV2	577101	859606	29.65%	1.436%
52	11.951	1673	1677	1681	rVB2	1032638	1329059	45.85%	2.221%
53	11.986	1681	1683	1686	rVB	218549	181031	6.25%	0.302%
54	12.021	1686	1689	1692	rBV2	700368	835665	28.83%	1.396%
55	12.204	1717	1720	1722	rVV	229450	199836	6.89%	0.334%
56	12.245	1722	1727	1730	rVB6	68363	114463	3.95%	0.191%
57	12.351	1740	1745	1749	rBV4	87261	133682	4.61%	0.223%
58	12.386	1749	1751	1753	rVV	110853	99682	3.44%	0.167%
59	12.433	1757	1759	1761	rVV	118455	115502	3.98%	0.193%
60	12.463	1761	1764	1767	rVV2	244864	340772	11.76%	0.569%
61	12.498	1768	1770	1772	rVV2	158312	183699	6.34%	0.307%
62	12.551	1776	1779	1787	rVB5	94929	224319	7.74%	0.375%
63	12.633	1788	1793	1796	rBV	2425468	2491323	85.94%	4.162%
64	12.710	1800	1806	1814	rVV3	479009	847959	29.25%	1.417%
65	12.780	1814	1818	1824	rVV3	193055	356369	12.29%	0.595%
66	12.863	1825	1832	1837	rVV	2035955	2655827	91.62%	4.437%
67	12.910	1837	1840	1844	rVB3	125987	152726	5.27%	0.255%
68	12.992	1849	1854	1858	rBV	2124507	2265239	78.14%	3.785%
69	13.080	1864	1869	1872	rBV2	146770	261798	9.03%	0.437%
70	13.192	1884	1888	1893	rVV2	489191	706351	24.37%	1.180%
71	13.257	1896	1899	1902	rVV	420280	385023	13.28%	0.643%

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72	13.298	1902	1906	1909	rVV2	159064	174989	6.04%	0.292%
73	13.392	1919	1922	1924	rBV	109160	108645	3.75%	0.182%
74	13.421	1924	1927	1930	rVV2	154427	163025	5.62%	0.272%
75	13.457	1930	1933	1937	rVV2	189125	227994	7.87%	0.381%
76	13.551	1945	1949	1954	rBV	278765	284171	9.80%	0.475%
77	13.680	1967	1971	1974	rBV3	68554	101086	3.49%	0.169%
78	13.827	1990	1996	1998	rBV	143991	209039	7.21%	0.349%
79	13.851	1998	2000	2002	rVV	167187	152893	5.27%	0.255%
80	13.886	2002	2006	2021	rVB4	542965	824352	28.44%	1.377%
81	14.086	2034	2040	2043	rVV2	1056099	1834800	63.29%	3.066%
82	14.115	2043	2045	2052	rVB	816646	722378	24.92%	1.207%
83	14.198	2056	2059	2061	rBV	139870	123262	4.25%	0.206%
84	14.221	2061	2063	2066	rVV	95387	87207	3.01%	0.146%
85	14.251	2066	2068	2074	rVB4	87005	96616	3.33%	0.161%
86	14.498	2107	2110	2113	rVV	158157	194486	6.71%	0.325%
87	14.562	2117	2121	2126	rVV3	343887	530192	18.29%	0.886%
88	14.604	2126	2128	2131	rVV2	93684	109411	3.77%	0.183%
89	14.657	2134	2137	2140	rVB2	114482	130383	4.50%	0.218%
90	15.027	2196	2200	2206	rBV	115792	135802	4.68%	0.227%
91	15.192	2223	2228	2230	rBV	487941	704665	24.31%	1.177%
92	15.215	2230	2232	2236	rVV2	334172	391775	13.52%	0.655%
93	15.251	2236	2238	2243	rVV3	113550	162685	5.61%	0.272%
94	15.304	2243	2247	2252	rVB	115621	147913	5.10%	0.247%
95	15.504	2277	2281	2287	rVB	271412	364508	12.57%	0.609%
96	15.574	2288	2293	2297	rVV	444855	588221	20.29%	0.983%
97	15.639	2299	2304	2307	rVV	439309	652972	22.53%	1.091%
98	15.668	2307	2309	2315	rVB	189617	246465	8.50%	0.412%
99	17.186	2561	2567	2575	rVB	218256	446950	15.42%	0.747%
100	17.662	2642	2648	2654	rBV2	132853	287269	9.91%	0.480%

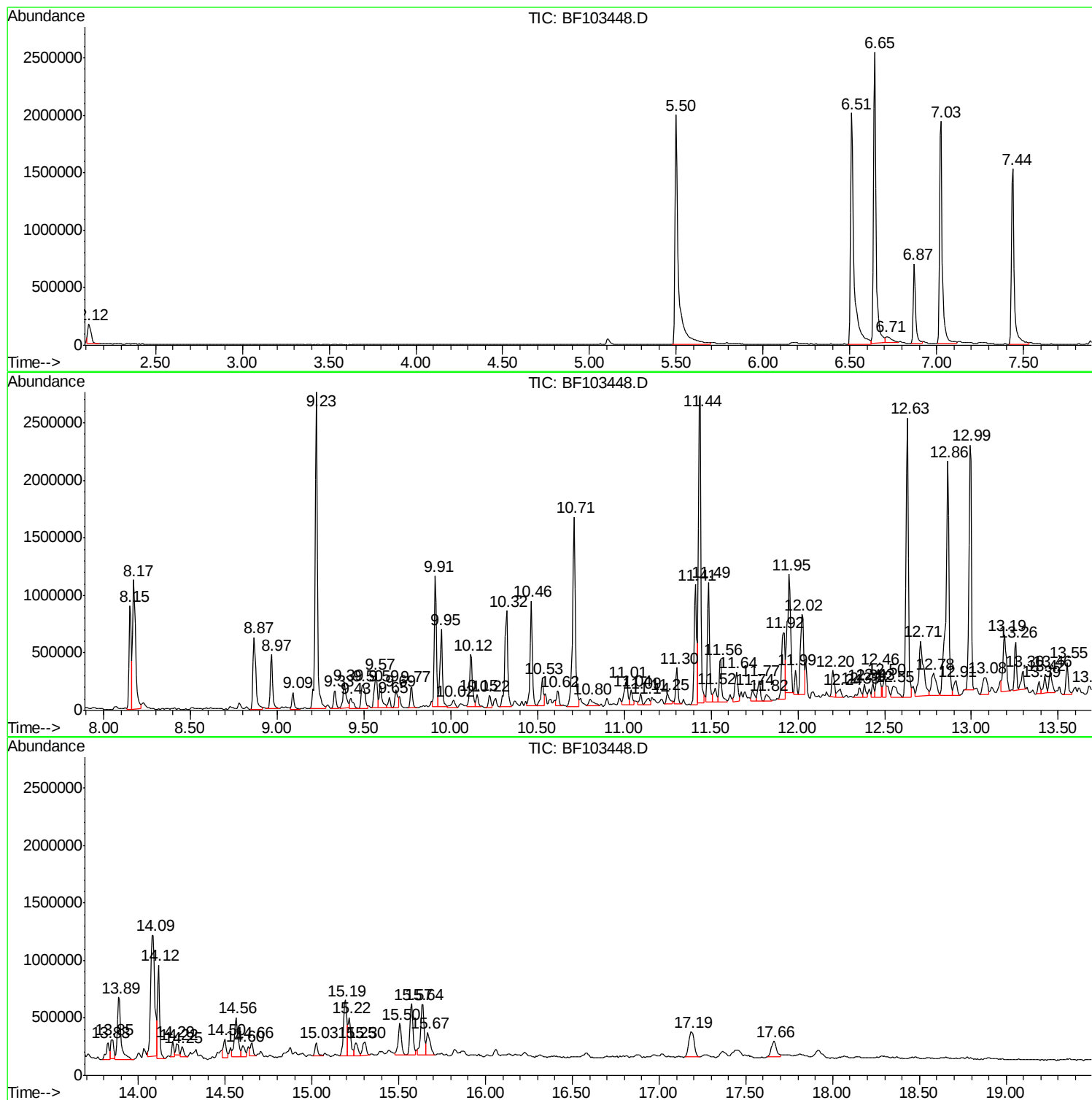
Sum of corrected areas: 59852157

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Sample : J1778-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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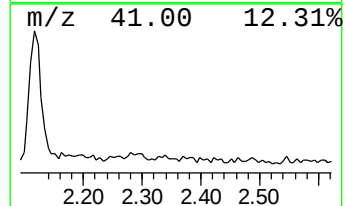
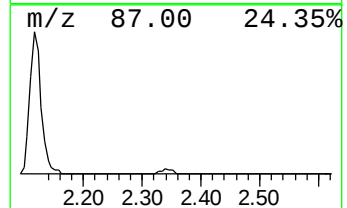
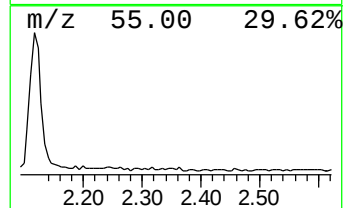
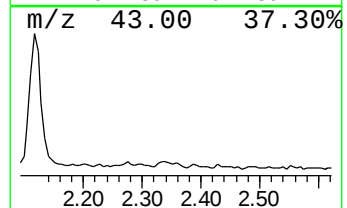
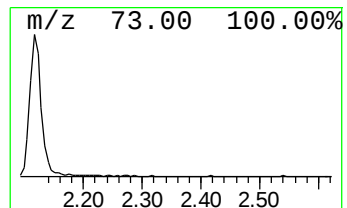
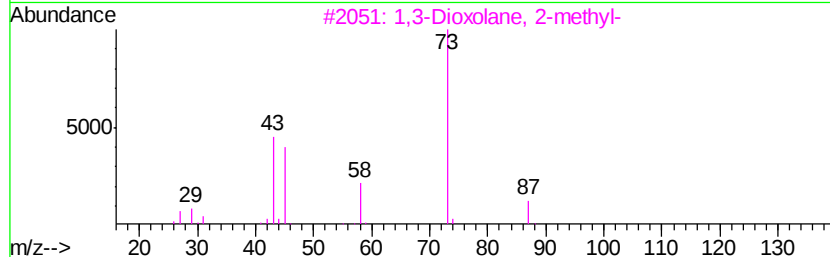
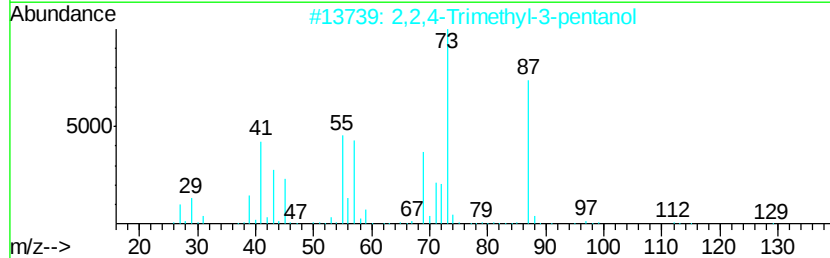
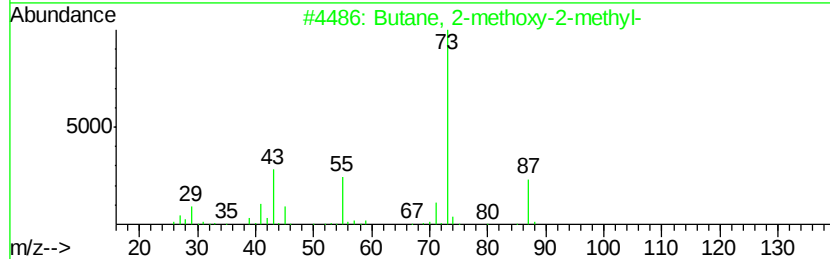
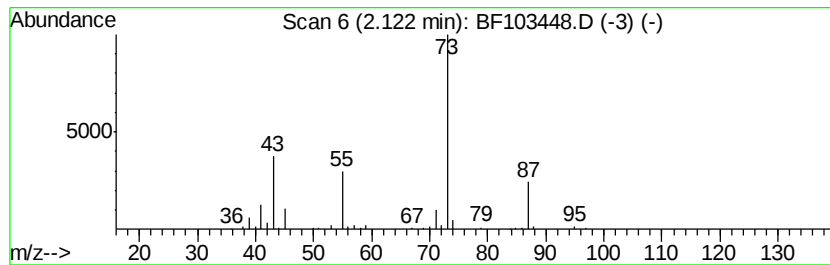
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	5.75 ng	203261	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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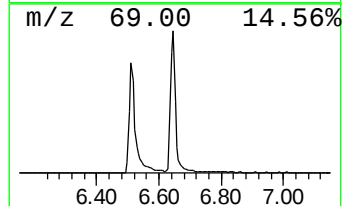
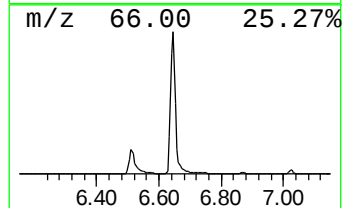
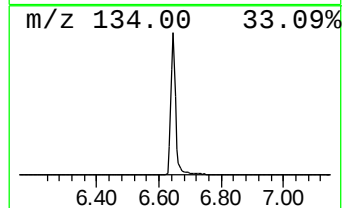
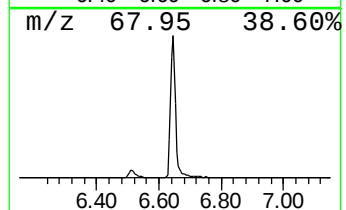
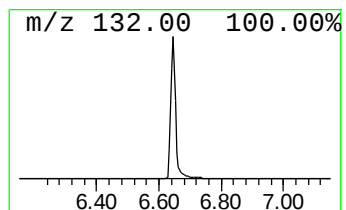
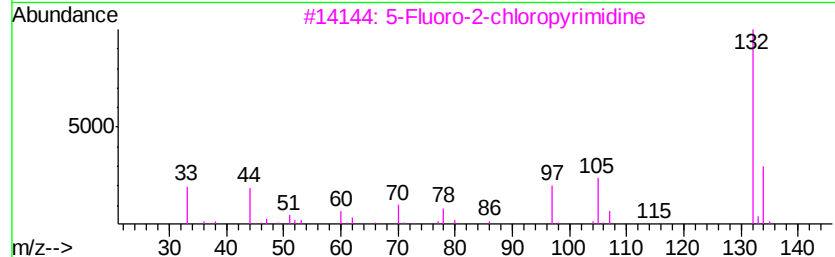
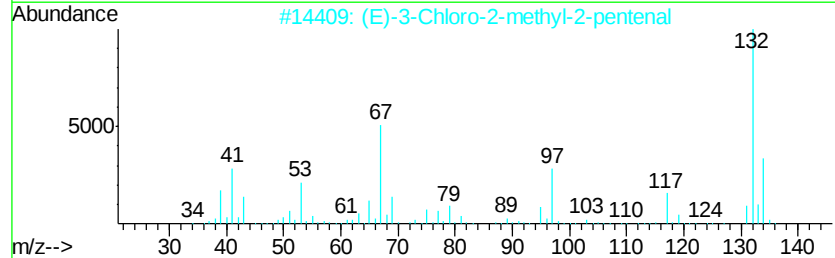
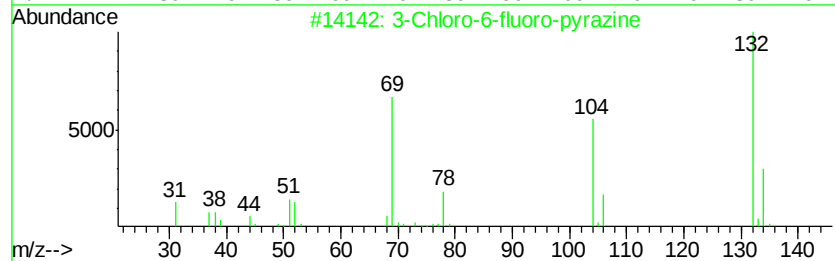
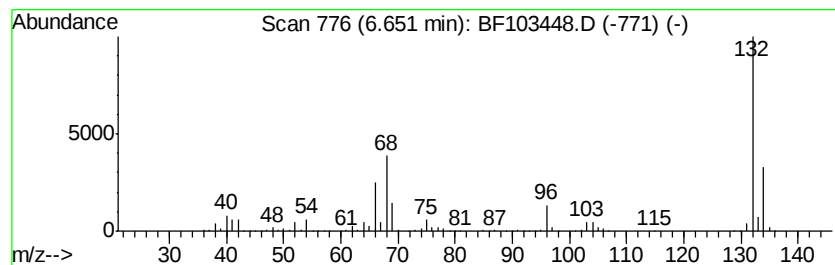
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	77.25 ng	2732920	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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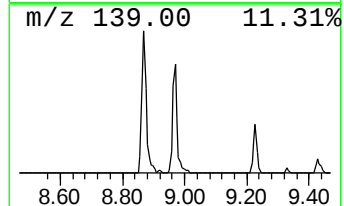
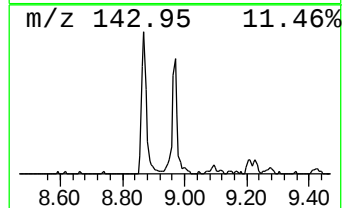
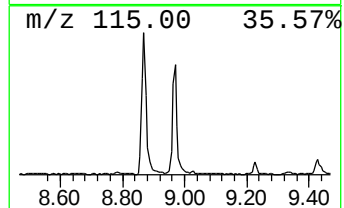
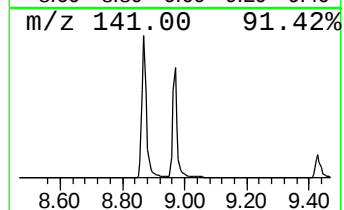
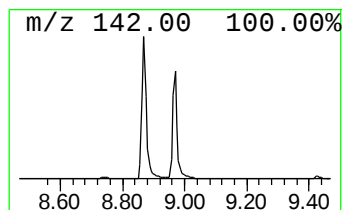
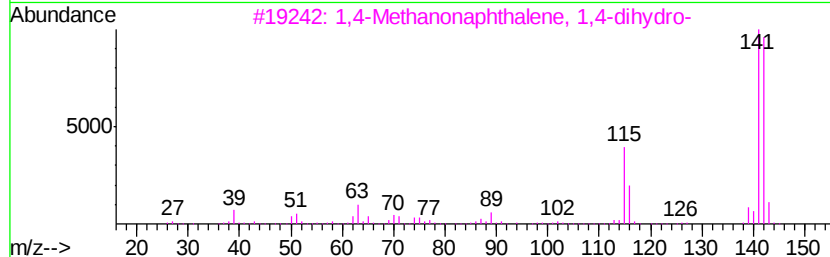
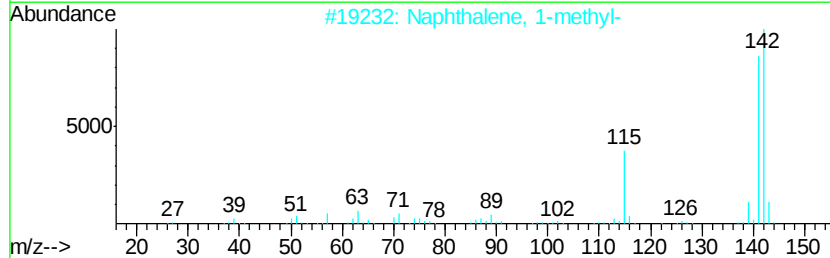
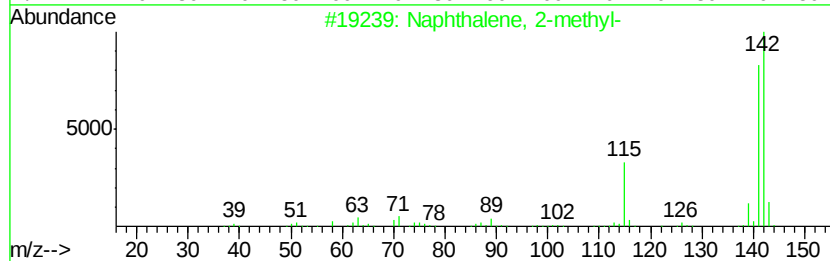
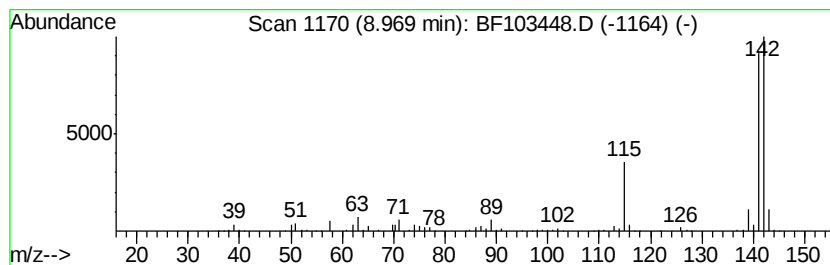
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	10.74 ng	475724	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



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Sample : J1778-05
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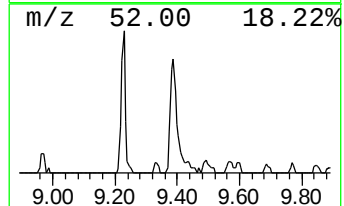
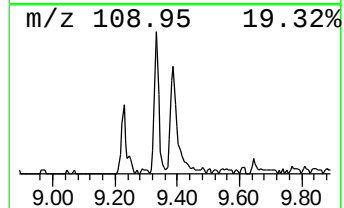
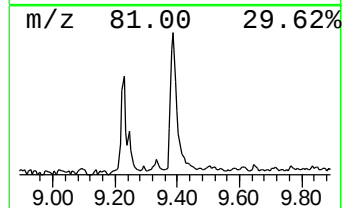
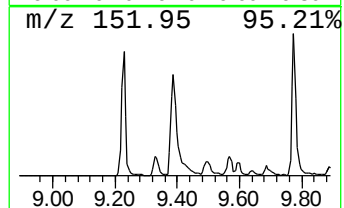
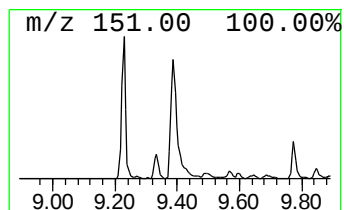
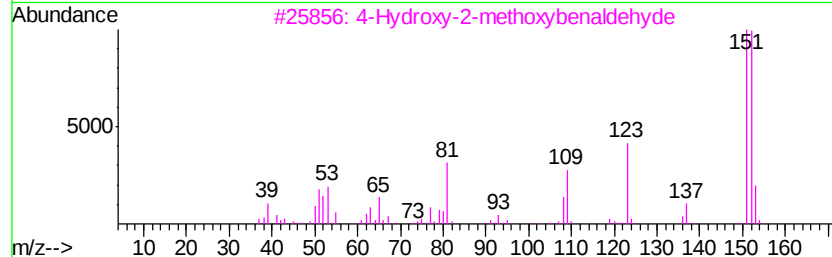
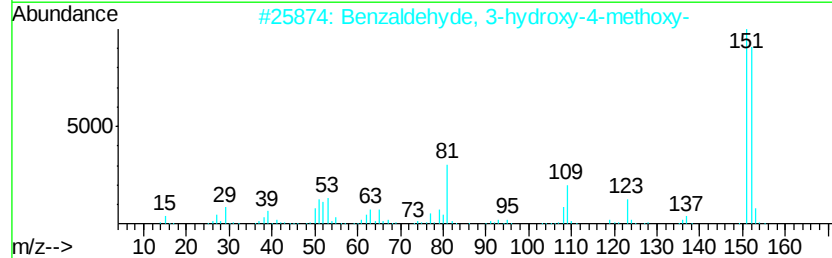
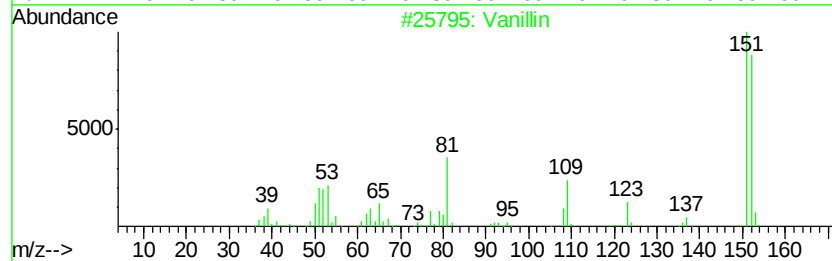
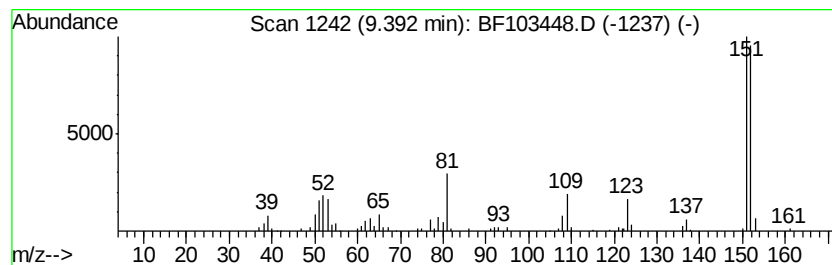
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Vanillin Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	5.64 ng	299026	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vanillin	152	C8H8O3	000121-33-5	97
2		Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
3		4-Hydroxy-2-methoxybenzaldehyde	152	C8H8O3	018278-34-7	74
4		Benzaldehyde, 3-(chloroacetoxy)-...	228	C10H9ClO4	066267-38-7	59
5		Benzaldehyde, 2-hydroxy-4-methoxy-	152	C8H8O3	000673-22-3	59



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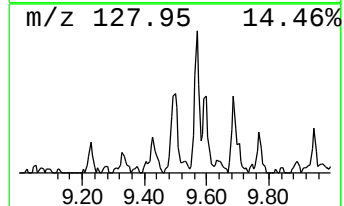
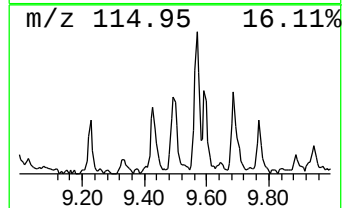
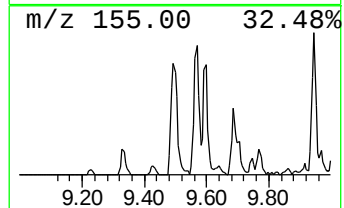
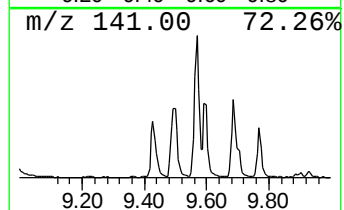
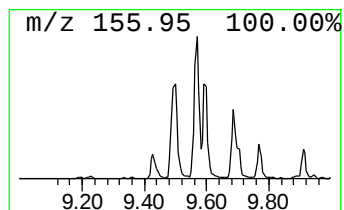
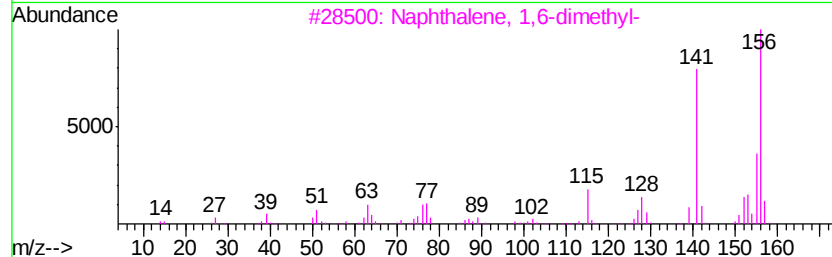
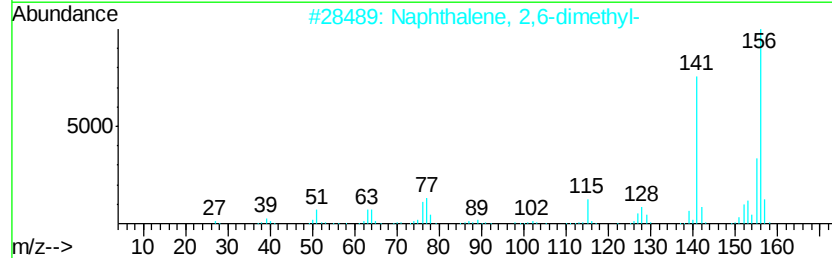
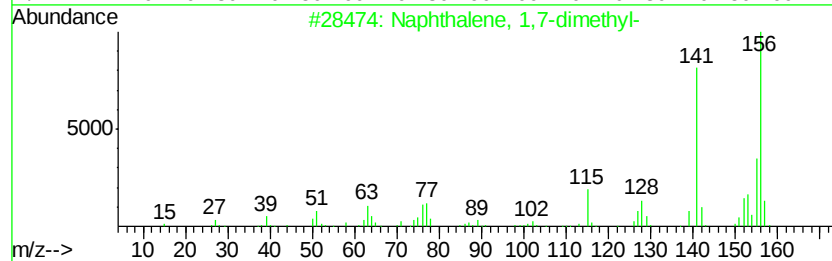
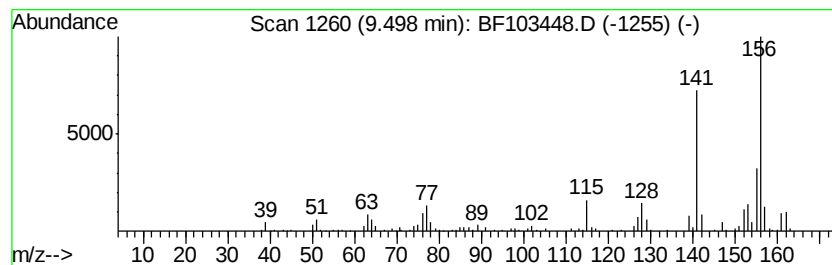
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.50	5.58 ng	295881	Acenaphthene-d10		9.91
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



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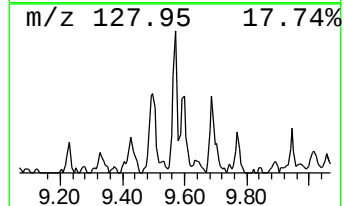
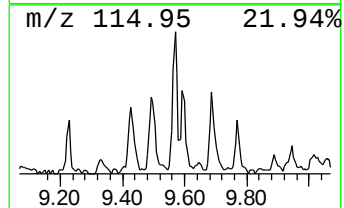
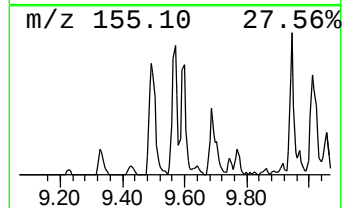
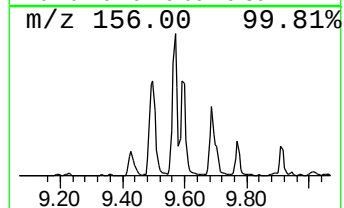
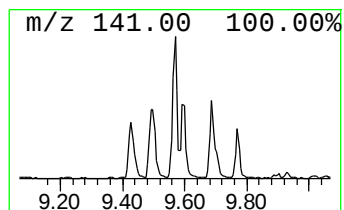
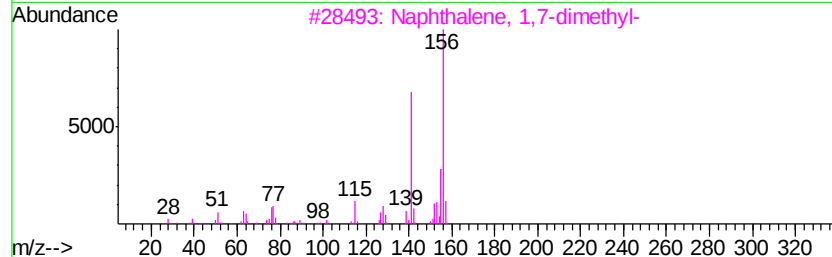
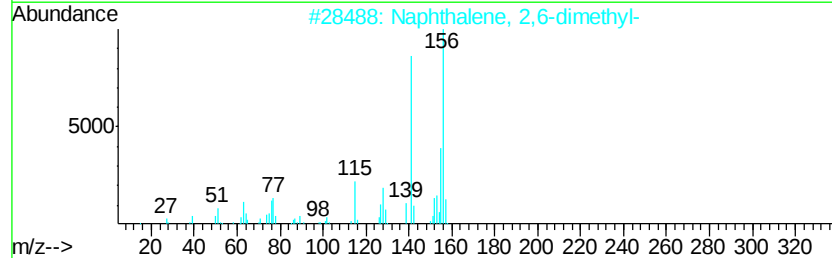
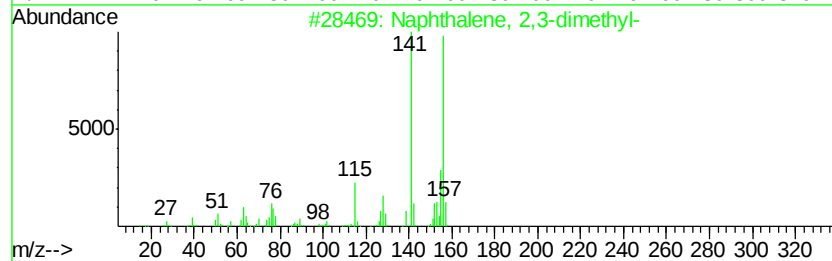
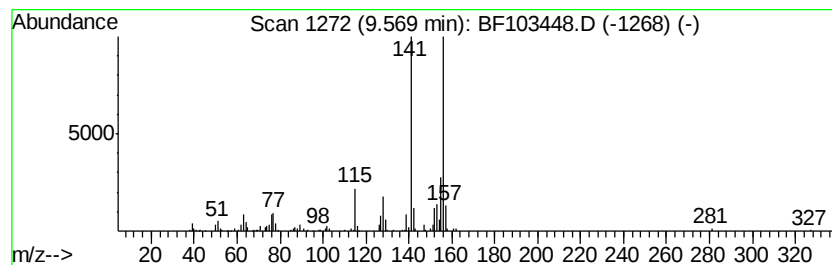
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	6.11 ng	324149	Acenaphthene-d10	9.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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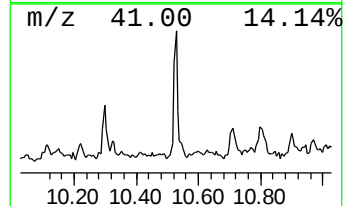
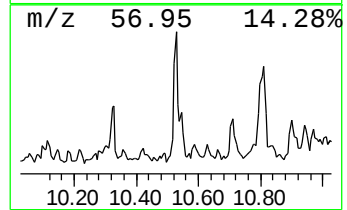
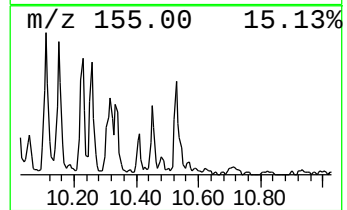
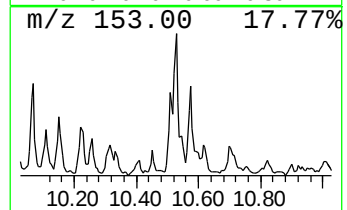
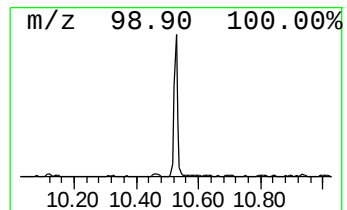
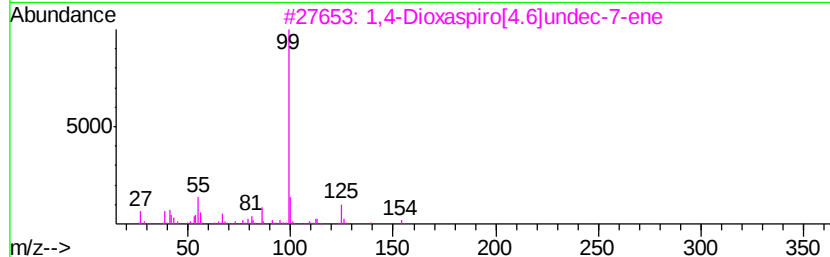
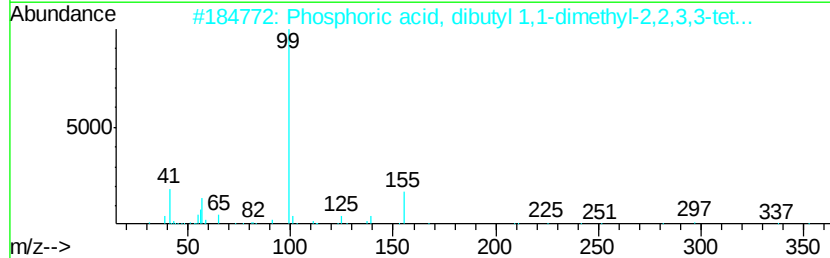
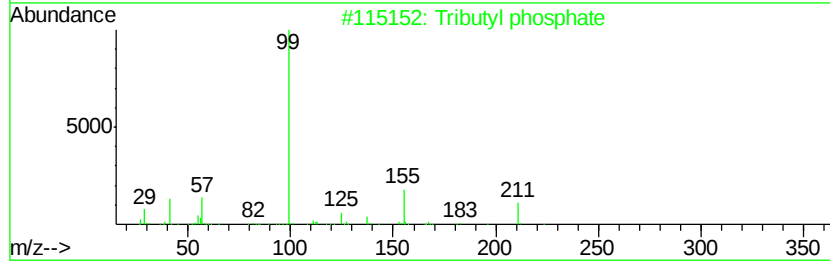
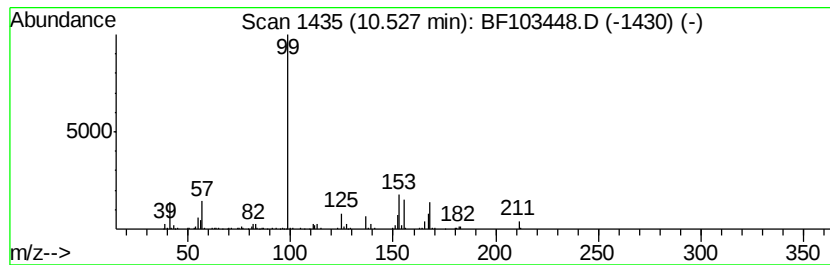
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tributyl phosphate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	4.76 ng	252350	Acenaphthene-d10	9.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tributyl phosphate	266 C12H27O4P	000126-73-8 59
2		Phosphoric acid, dibutyl 1,1-dim...	352 C13H25F4O4P	1000298-93-9 42
3		1,4-Dioxaspiro[4.6]undec-7-ene	154 C9H14O2	007140-60-5 38
4		Tripropyl phosphate	224 C9H21O4P	000513-08-6 38
5		Silane, dimethyldi-2-propenyl-	140 C8H16Si	001113-12-8 38



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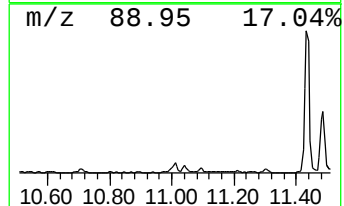
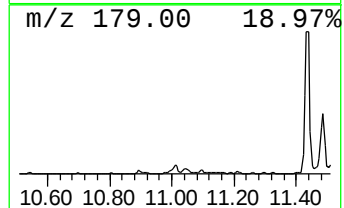
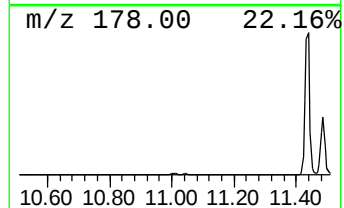
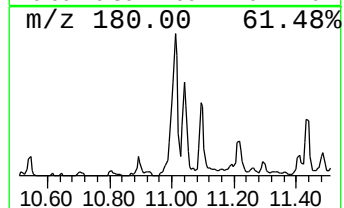
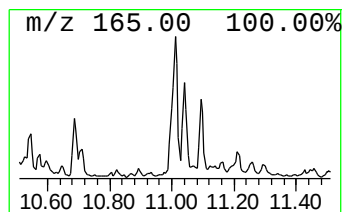
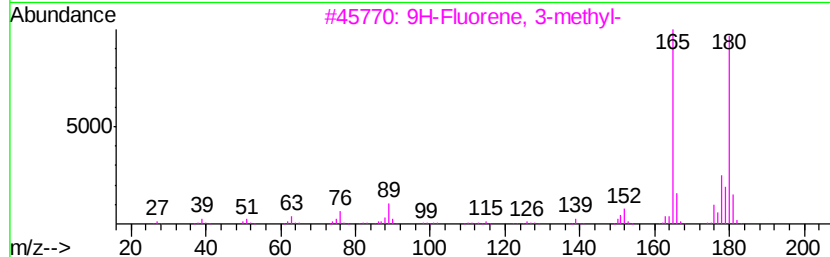
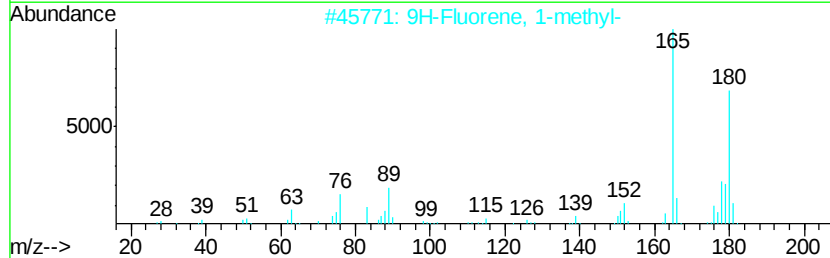
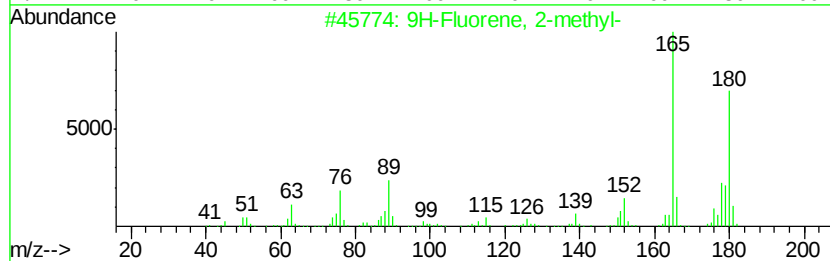
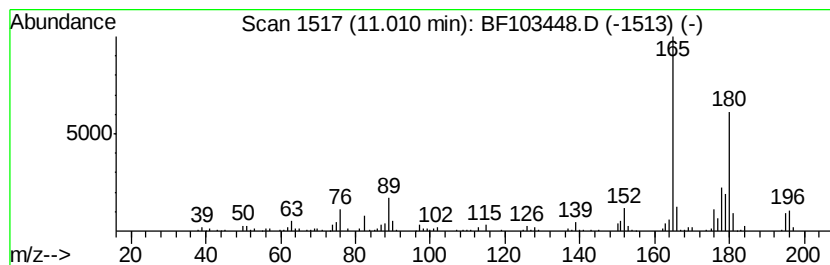
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	4.43 ng	260895	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5			9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70



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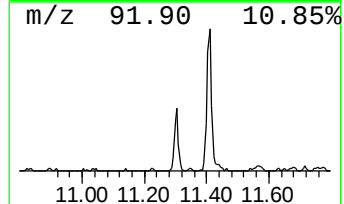
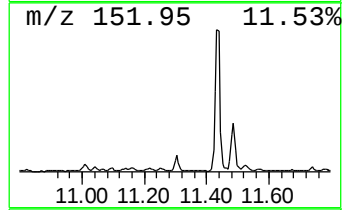
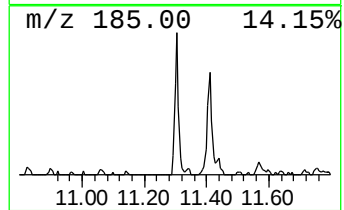
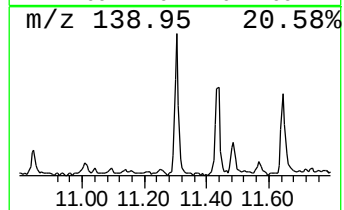
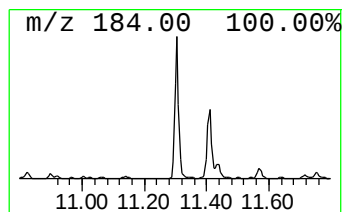
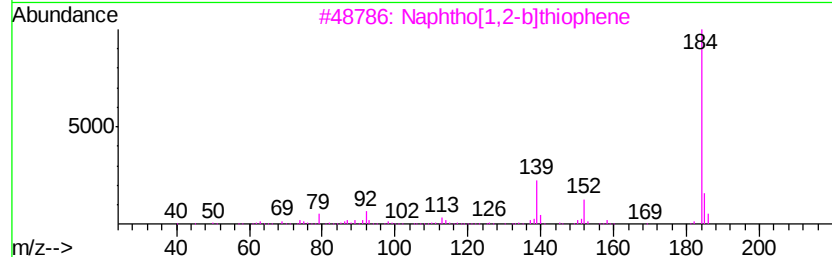
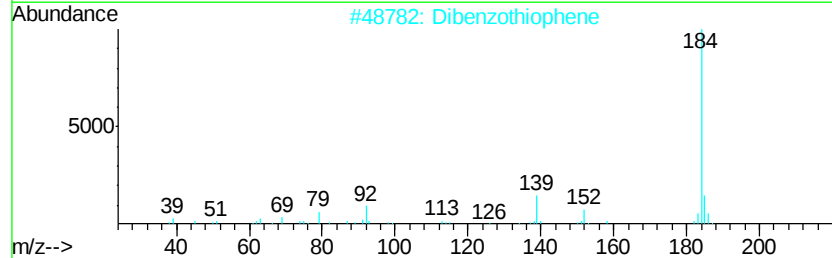
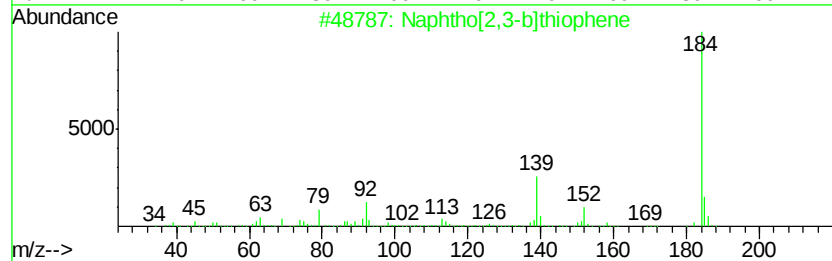
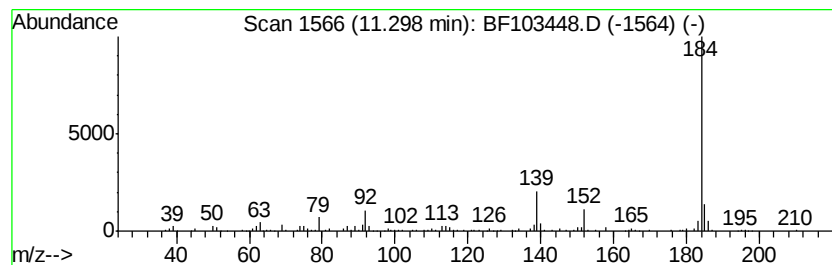
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphtho[2,3-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.30	4.80 ng	282148	Phenanthrene-d10		11.41	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	96
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	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



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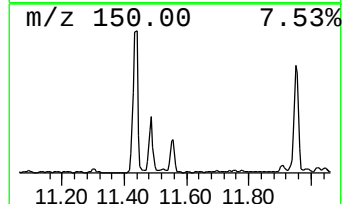
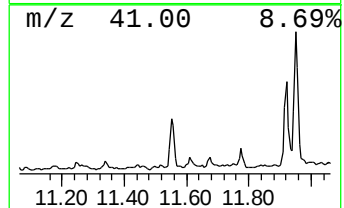
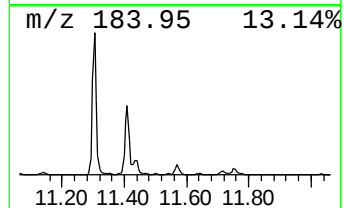
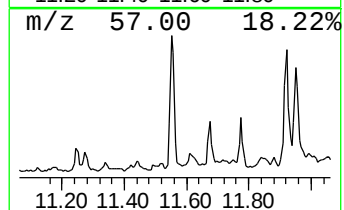
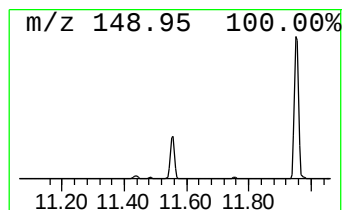
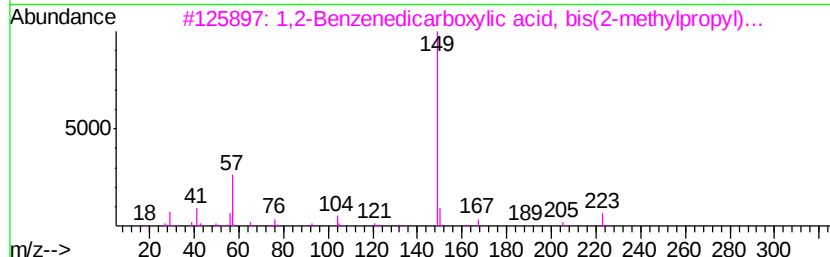
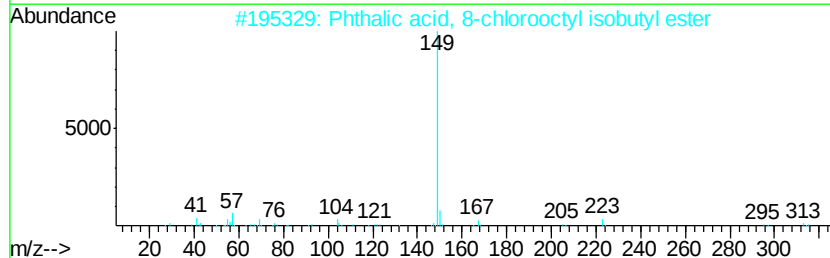
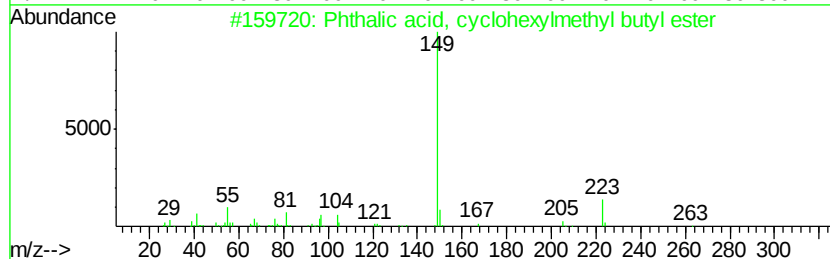
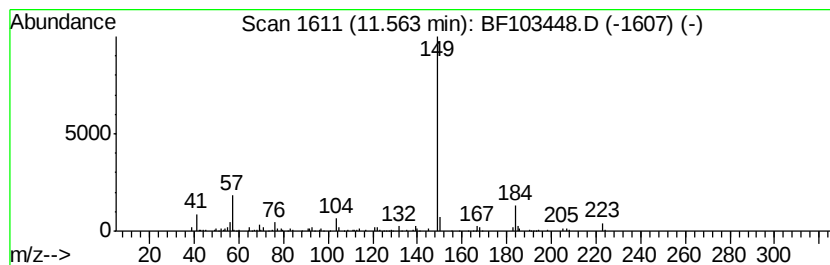
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phthalic acid, cyclohexylme... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	6.58 ng	387351	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, cvclohexvlmethyl ...	318	C19H26O4	1000309-08-6	78
2			Phthalic acid, 8-chlorooctyl iso...	368	C20H29ClO4	1000356-85-8	78
3			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	78
4			Phthalic acid, butyl isohexyl ester	306	C18H26O4	1000309-03-6	78
5			1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	78



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Acq On : 6 Mar 2018 11:50
Operator : SJ/JU
Sample : J1778-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

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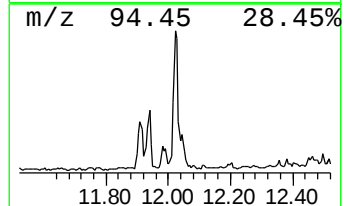
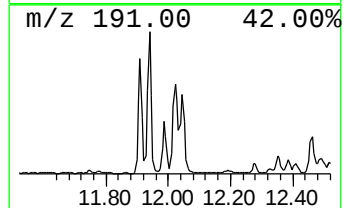
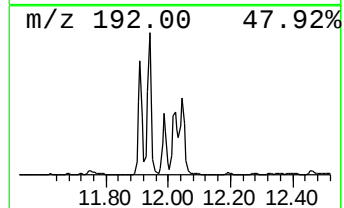
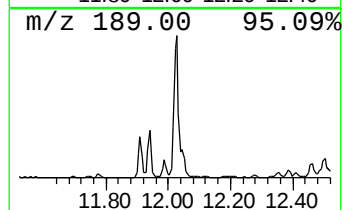
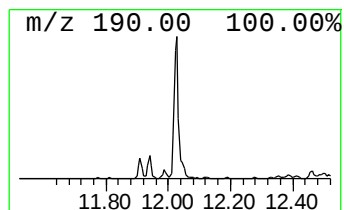
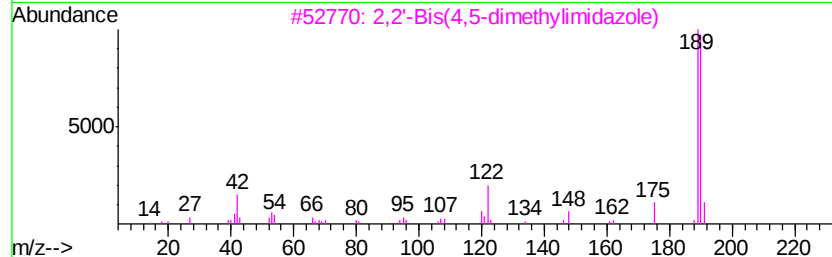
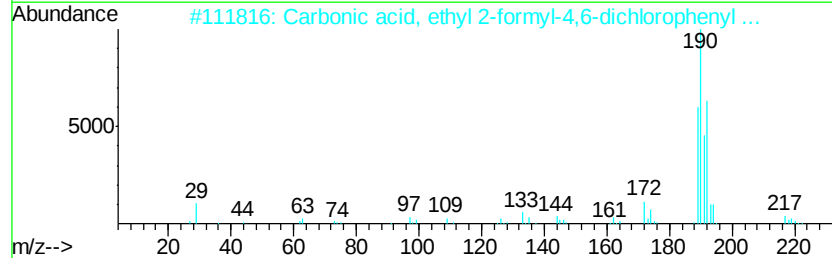
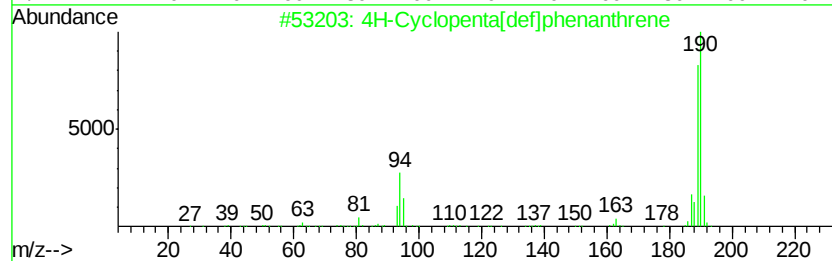
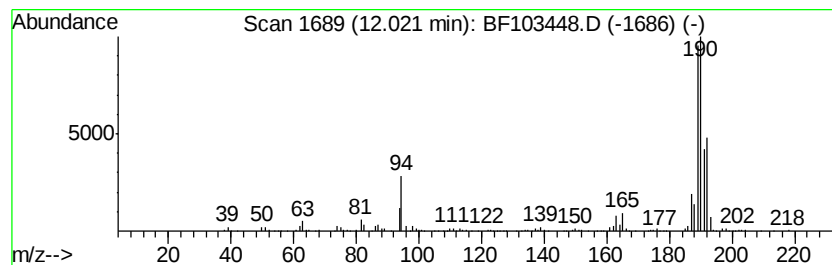
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	14.20 ng	835665	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	38
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	32
4		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	28
5		3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	27



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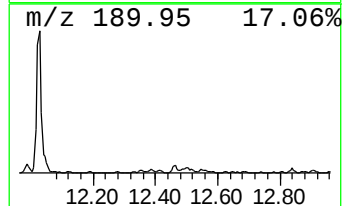
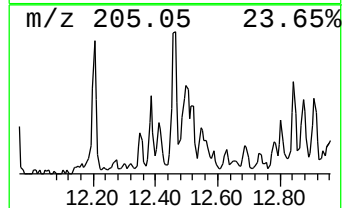
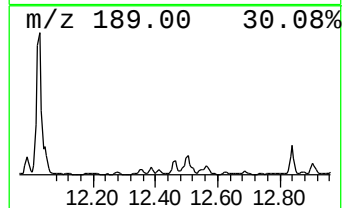
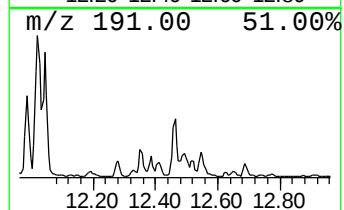
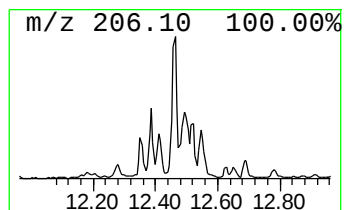
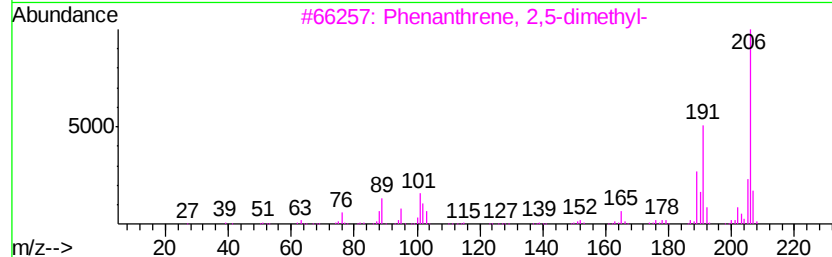
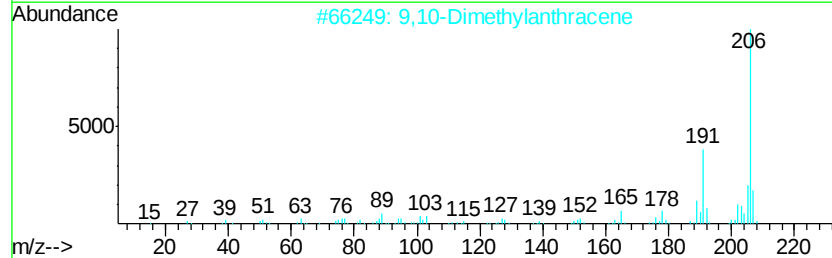
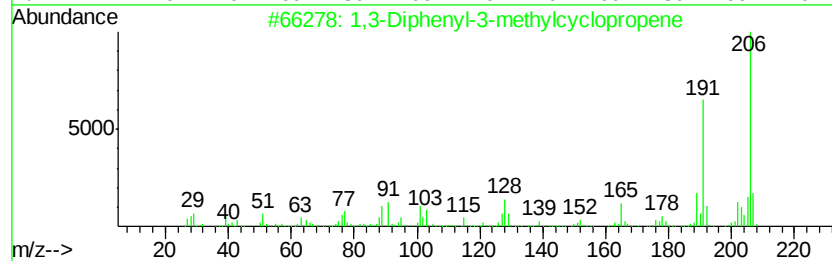
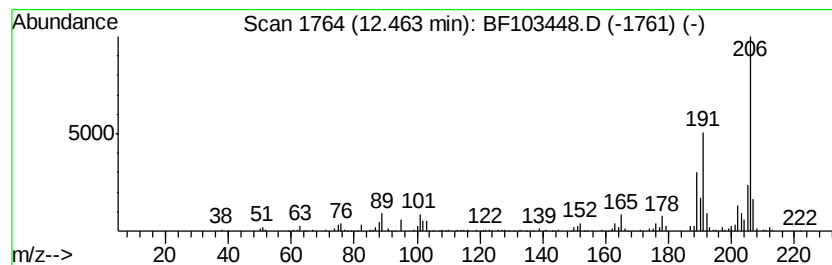
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,3-Diphenyl-3-methylcyclop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	5.79 ng	340772	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	96
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
5			1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	93



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Sample : J1778-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

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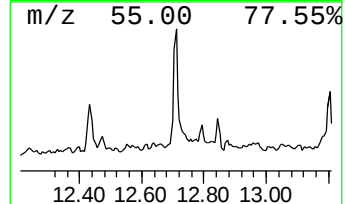
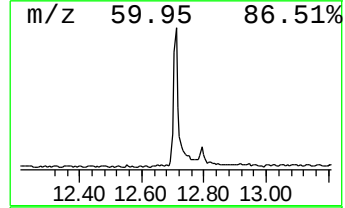
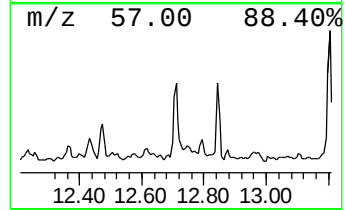
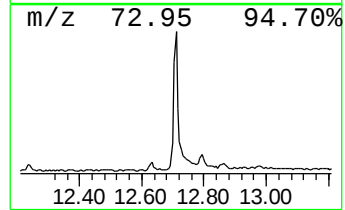
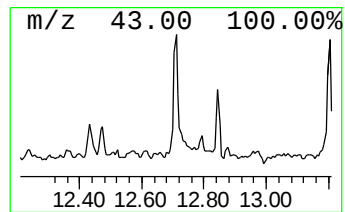
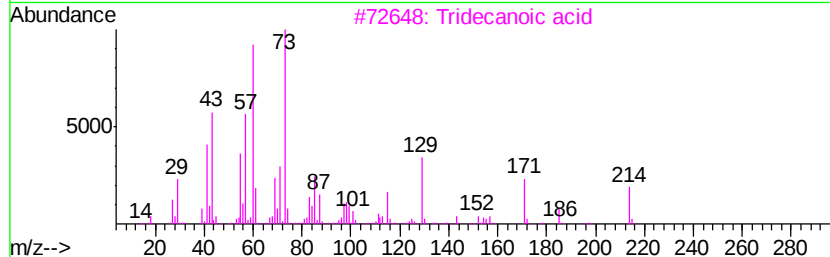
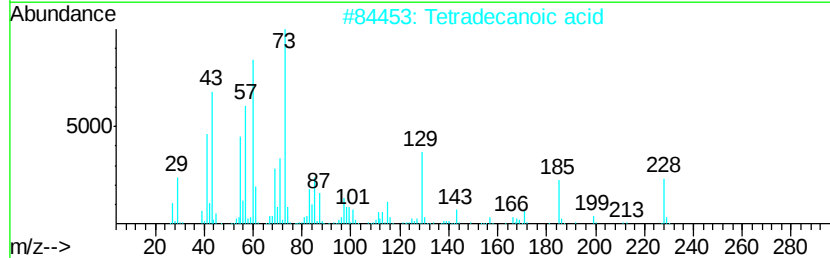
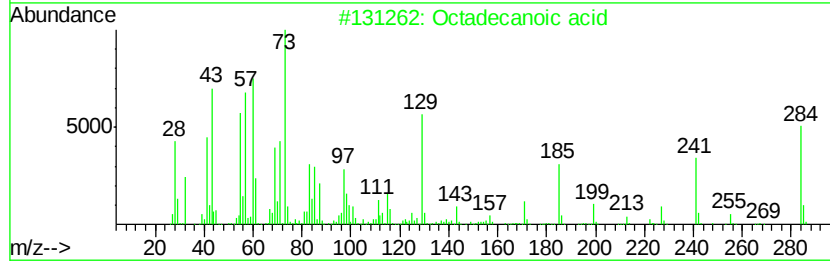
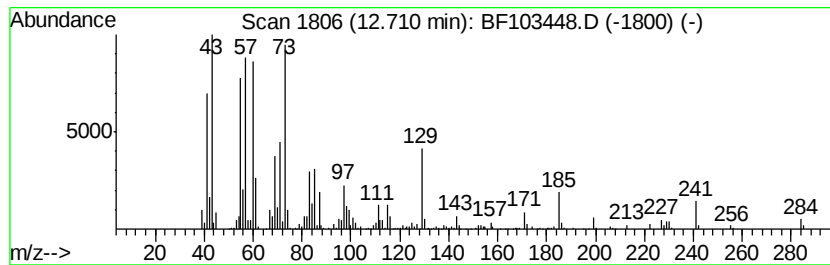
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	14.41 ng	847959	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
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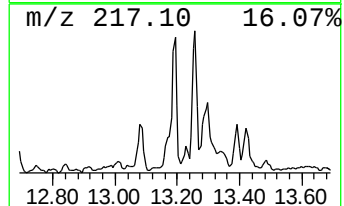
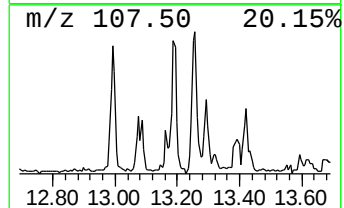
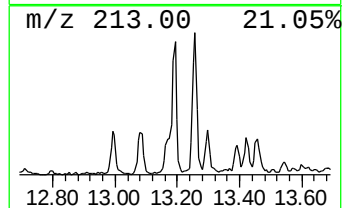
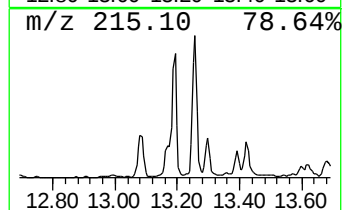
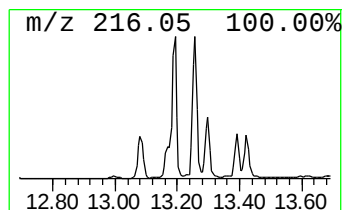
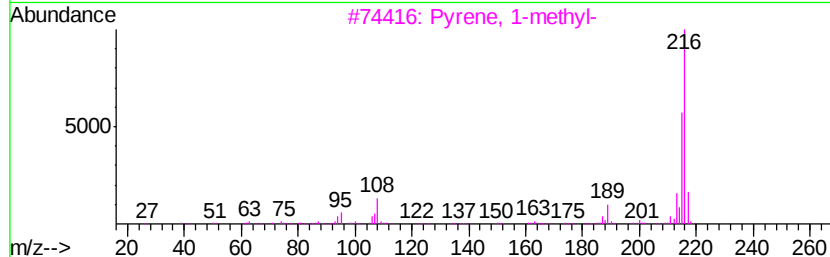
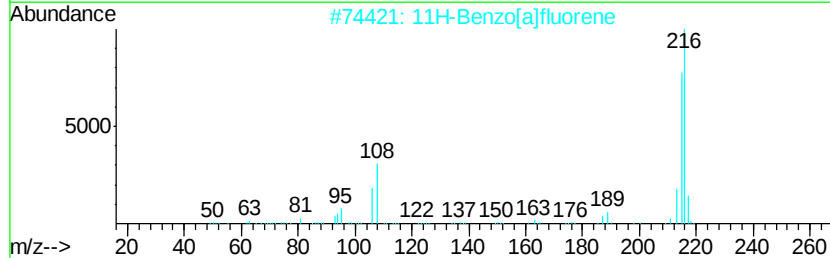
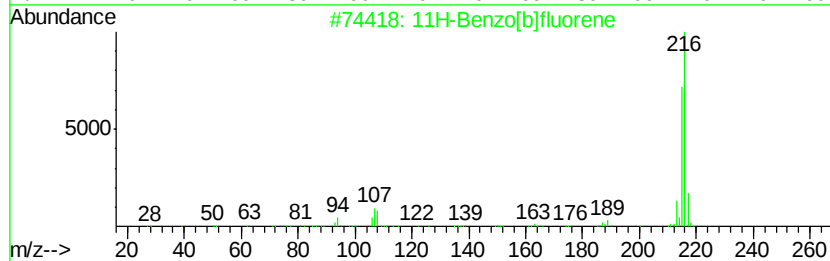
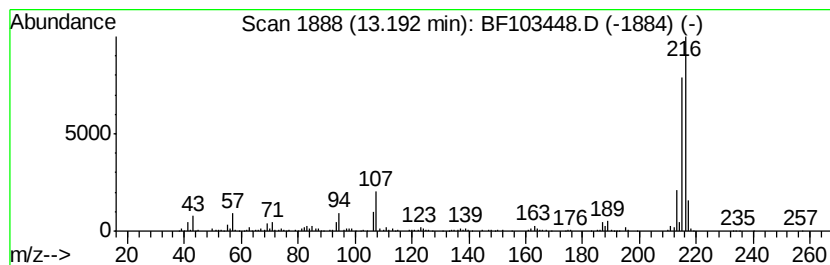
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	7.70 ng	706351	Chrysene-d12	14.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	80
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	62



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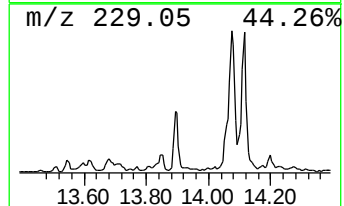
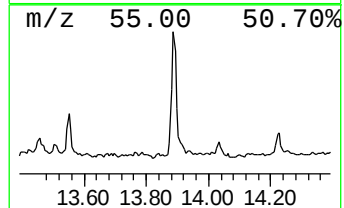
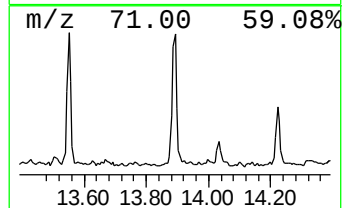
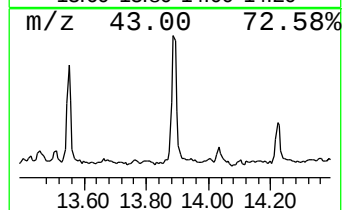
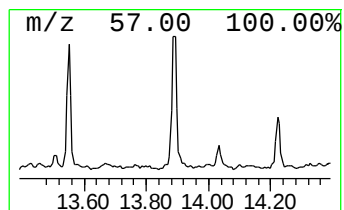
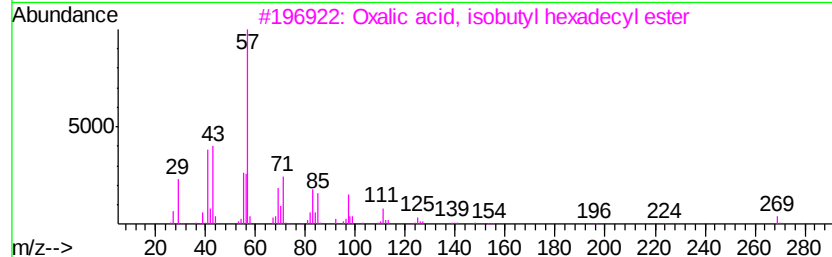
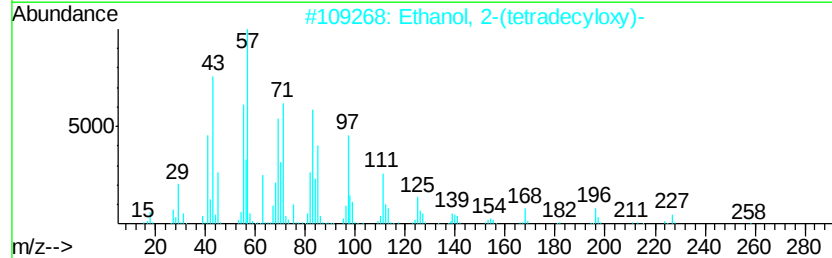
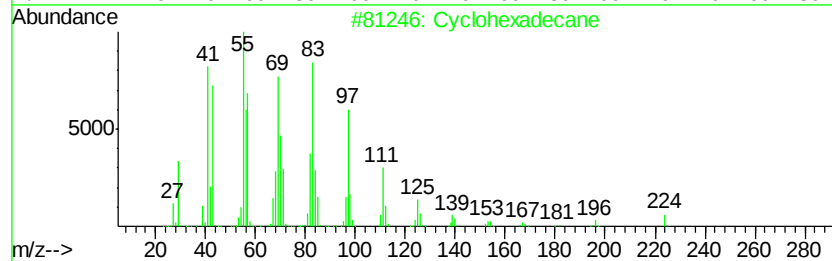
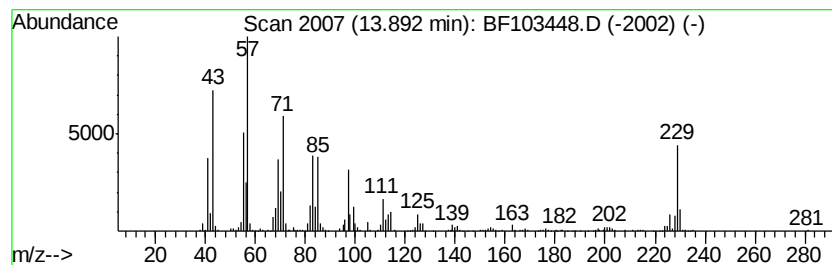
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	8.99 ng	824352	Chrysene-d12	14.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 95
2		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 70
3		Oxalic acid, isobutyl hexadecyl ...	370 C22H42O4	1000309-38-1 62
4		1-Dodecanol, 2-octyl-	298 C20H42O	005333-42-6 62
5		17-Pentatriacontene	491 C35H70	006971-40-0 62



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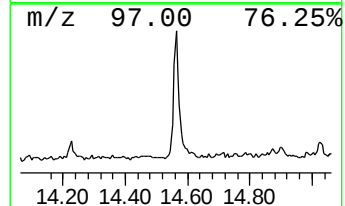
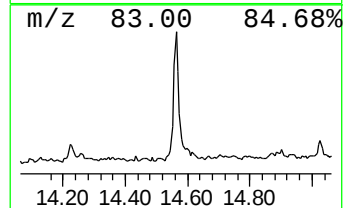
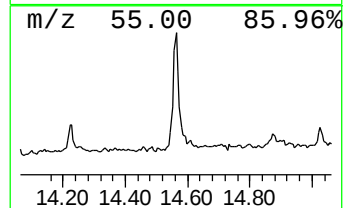
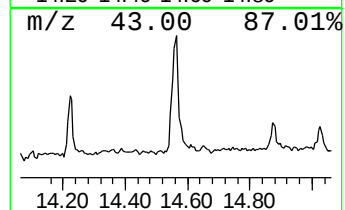
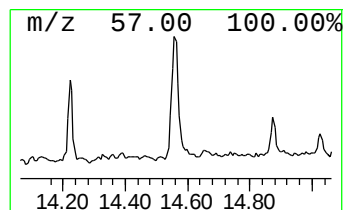
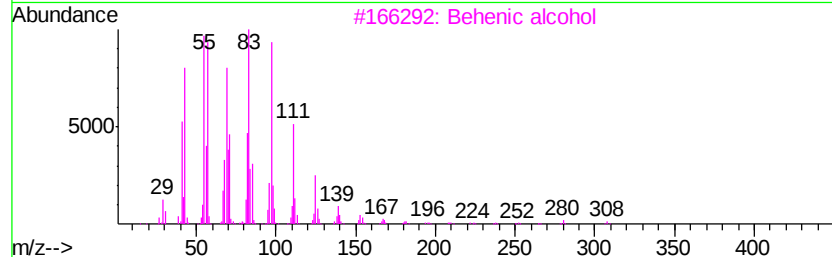
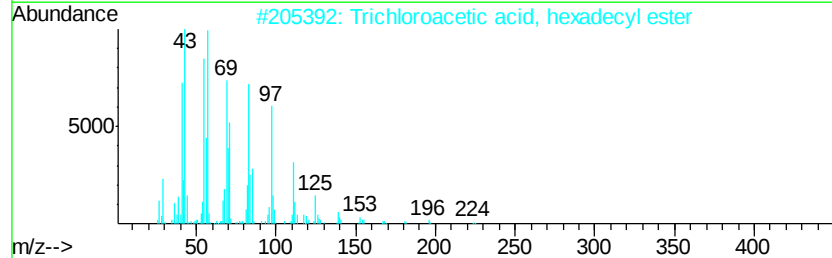
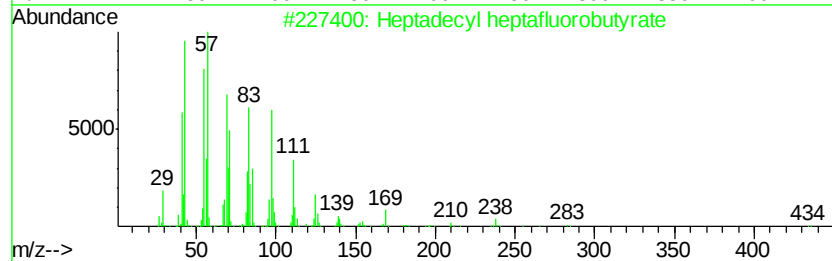
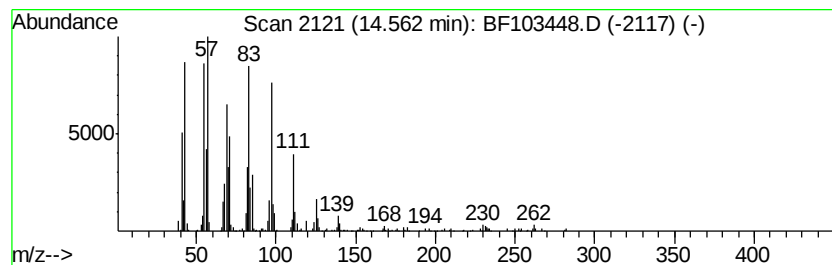
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 18 Heptadecyl heptafluorobutyrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	5.78 ng	530192	Chrysene-d12	14.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3			Behenic alcohol	326	C22H46O	000661-19-8	94
4			1-Heptacosanol	396	C27H56O	002004-39-9	91
5			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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Sample : J1778-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-4

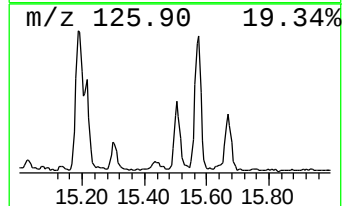
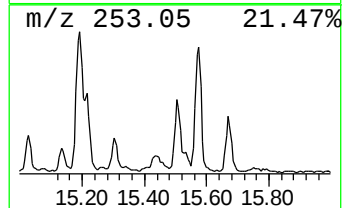
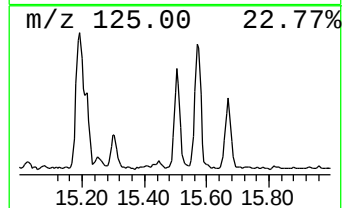
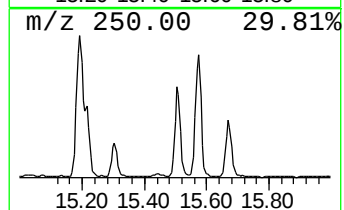
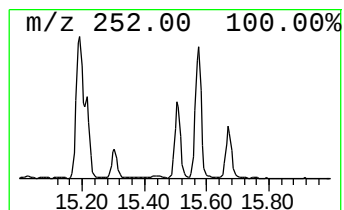
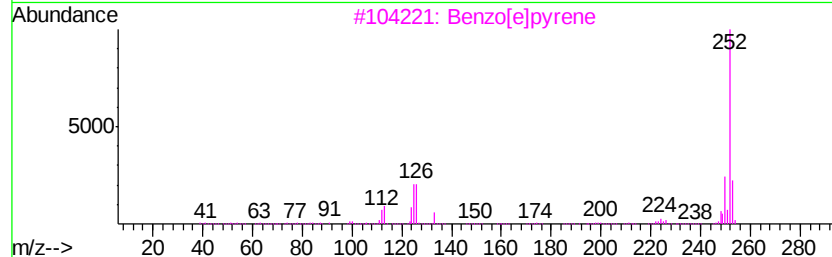
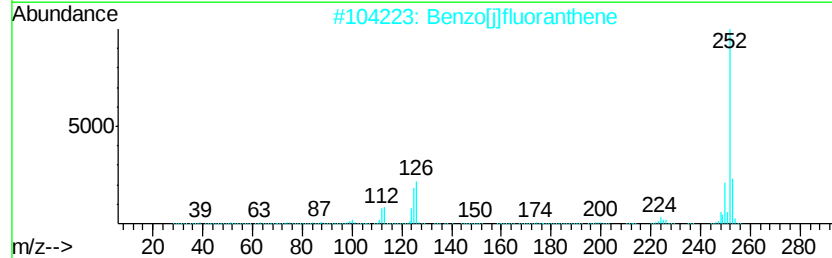
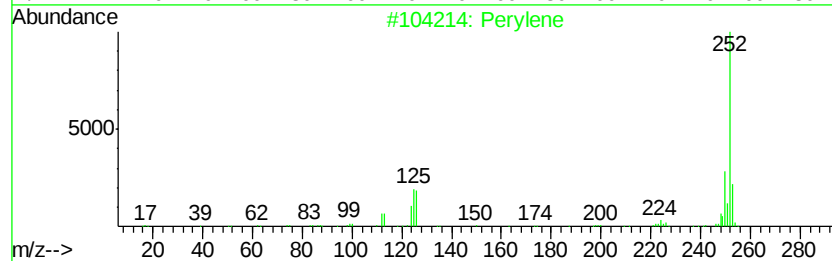
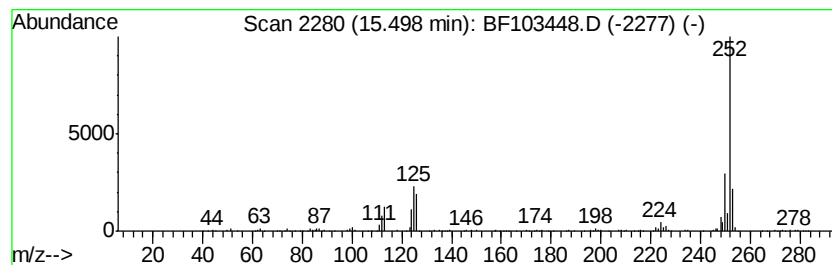
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	11.16 ng	364508	Perylene-d12	15.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene	252	C20H12	000198-55-0	99
2		Benzo[il]fluoranthene	252	C20H12	000205-82-3	98
3		Benzo[el]pyrene	252	C20H12	000192-97-2	98
4		Benzo[el]acephenanthrylene	252	C20H12	000205-99-2	97
5		Benzo[a]pyrene	252	C20H12	000050-32-8	94



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030618\
 Data File : BF103448.D
 Acq On : 6 Mar 2018 11:50
 Operator : SJ/JU
 Sample : J1778-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.12	5.8 ng		203261	1	6.87	707536	20.0
unknown6.65	6.65	77.3 ng		2732920	1	6.87	707536	20.0
Naphthalene, 2-me...	8.97	10.7 ng		475724	2	8.15	886010	20.0
Vanillin	9.39	5.6 ng		299026	3	9.91	1061300	20.0
Naphthalene, 1,7-...	9.50	5.6 ng		295881	3	9.91	1061300	20.0
Naphthalene, 2,3-...	9.57	6.1 ng		324149	3	9.91	1061300	20.0
Tributyl phosphate	10.53	4.8 ng		252350	3	9.91	1061300	20.0
9H-Fluorene, 2-me...	11.01	4.4 ng		260895	4	11.41	1176660	20.0
Naphtho[2,3-b]thi...	11.30	4.8 ng		282148	4	11.41	1176660	20.0
Phthalic acid, cy...	11.56	6.6 ng		387351	4	11.41	1176660	20.0
4H-Cyclopenta[def...	12.02	14.2 ng		835665	4	11.41	1176660	20.0
1,3-Diphenyl-3-me...	12.46	5.8 ng		340772	4	11.41	1176660	20.0
Octadecanoic acid	12.71	14.4 ng		847959	4	11.41	1176660	20.0
11H-Benzo[b]fluorene	13.19	7.7 ng		706351	5	14.09	1834800	20.0
Cyclohexadecane	13.89	9.0 ng		824352	5	14.09	1834800	20.0
Heptadecyl heptaf...	14.56	5.8 ng		530192	5	14.09	1834800	20.0
Perylene	15.50	11.2 ng		364508	6	15.64	652972	20.0