

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094729.D
 Acq On : 30 Apr 2017 21:52
 Operator : SJ/MA
 Sample : I2902-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11B

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-BF041717.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	3.413	242	251	261	rBV	175530	231749	2.56%	0.368%
2	4.266	393	396	402	rBV	109395	135943	1.50%	0.216%
3	4.319	402	405	419	rBV	1162148	1269842	14.04%	2.019%
4	5.242	559	562	565	rBV	198816	171425	1.89%	0.273%
5	5.395	584	588	604	rBV	398125	814249	9.00%	1.295%
6	5.519	604	609	615	rVV	2116086	2332558	25.78%	3.708%
7	5.572	615	618	624	rVV2	141660	195448	2.16%	0.311%
8	5.760	647	650	654	rBV	667950	620259	6.86%	0.986%
9	5.807	654	658	660	rBV	123882	116949	1.29%	0.186%
10	5.942	676	681	684	rBV	2193907	2063546	22.81%	3.281%
11	6.054	697	700	705	rBV	224140	202268	2.24%	0.322%
12	6.413	753	761	764	rBV	1625304	1793280	19.82%	2.851%
13	6.519	776	779	784	rVB	404857	389010	4.30%	0.618%
14	6.848	832	835	842	rBV2	225948	265282	2.93%	0.422%
15	6.960	849	854	859	rBV3	149463	225459	2.49%	0.358%
16	7.254	899	904	907	rBV	958306	953028	10.53%	1.515%
17	7.284	907	909	912	rVB	373083	311711	3.45%	0.496%
18	7.901	989	1014	1015	rBV2	1766229	9046579	100.00%	14.383%
19	7.960	1021	1024	1027	rBV	137351	123053	1.36%	0.196%
20	7.995	1027	1030	1032	rVB	128264	123048	1.36%	0.196%
21	8.125	1048	1052	1060	rVV	813415	855483	9.46%	1.360%
22	8.189	1060	1063	1066	rVV2	218858	226847	2.51%	0.361%
23	8.242	1066	1072	1081	rVB2	1059577	1239880	13.71%	1.971%
24	8.425	1099	1103	1106	rBV3	119587	137671	1.52%	0.219%
25	8.483	1111	1113	1117	rBV2	137728	149613	1.65%	0.238%
26	8.583	1125	1130	1133	rBV	3267469	3294463	36.42%	5.238%
27	8.807	1165	1168	1175	rVB	759860	769923	8.51%	1.224%
28	8.901	1179	1184	1187	rVV4	230502	401062	4.43%	0.638%
29	8.983	1192	1198	1200	rBV	360585	413751	4.57%	0.658%
30	9.013	1200	1203	1207	rVB	523879	451144	4.99%	0.717%
31	9.060	1208	1211	1214	rBV	203341	194934	2.15%	0.310%
32	9.119	1218	1221	1223	rVV2	172853	208525	2.31%	0.332%
33	9.142	1223	1225	1231	rVB3	175162	180648	2.00%	0.287%
34	9.213	1231	1237	1243	rBV2	1145806	1549725	17.13%	2.464%

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35	9.266	1243	1246	1250	rBV2	193359	194665	2.15%	0.309%
36	9.389	1264	1267	1271	rVV2	961625	1027554	11.36%	1.634%
37	9.430	1271	1274	1277	rVB	743809	668651	7.39%	1.063%
38	9.530	1288	1291	1297	rBV2	177352	310905	3.44%	0.494%
39	9.583	1297	1300	1303	rVV2	97935	121024	1.34%	0.192%
40	9.642	1306	1310	1313	rVV	400936	465668	5.15%	0.740%
41	9.672	1313	1315	1322	rVB4	196108	316794	3.50%	0.504%
42	9.783	1329	1334	1336	rBV	273547	327428	3.62%	0.521%
43	9.807	1336	1338	1344	rVV2	172824	256815	2.84%	0.408%
44	9.860	1344	1347	1349	rVB	149123	132373	1.46%	0.210%
45	9.907	1349	1355	1360	rVB2	504506	748269	8.27%	1.190%
46	9.954	1360	1363	1365	rVB	220758	205307	2.27%	0.326%
47	10.007	1365	1372	1375	rBV	1109602	1077786	11.91%	1.714%
48	10.066	1379	1382	1387	rBV	431270	450952	4.98%	0.717%
49	10.130	1390	1393	1398	rBV2	261544	336640	3.72%	0.535%
50	10.336	1422	1428	1431	rBV3	169767	275967	3.05%	0.439%
51	10.377	1431	1435	1438	rVV2	1582635	1742877	19.27%	2.771%
52	10.419	1438	1442	1445	rVB3	107050	120291	1.33%	0.191%
53	10.466	1445	1450	1451	rBV2	254126	246827	2.73%	0.392%
54	10.483	1451	1453	1457	rVB2	318123	299571	3.31%	0.476%
55	10.595	1470	1472	1475	rVB2	171989	157718	1.74%	0.251%
56	10.636	1475	1479	1483	rVB2	179829	208819	2.31%	0.332%
57	10.683	1484	1487	1489	rBV	172497	165630	1.83%	0.263%
58	10.724	1489	1494	1499	rVV5	157185	296416	3.28%	0.471%
59	10.766	1499	1501	1506	rVB4	118616	179857	1.99%	0.286%
60	10.854	1512	1516	1519	rBV2	247616	242827	2.68%	0.386%
61	10.966	1531	1535	1536	rBV2	172910	183071	2.02%	0.291%
62	10.995	1536	1540	1545	rVB2	773851	1005011	11.11%	1.598%
63	11.089	1552	1556	1559	rBV4	171481	203582	2.25%	0.324%
64	11.119	1559	1561	1564	rVV3	114207	122856	1.36%	0.195%
65	11.219	1572	1578	1580	rVV	881501	1075349	11.89%	1.710%
66	11.248	1580	1583	1587	rVB	1588178	1537490	17.00%	2.444%
67	11.307	1587	1593	1597	rBV	323822	373875	4.13%	0.594%
68	11.401	1605	1609	1612	rBV3	109349	133061	1.47%	0.212%
69	11.842	1680	1684	1686	rBV2	244252	288077	3.18%	0.458%
70	11.871	1686	1689	1694	rVB	552553	586231	6.48%	0.932%
71	11.930	1694	1699	1701	rBV	126341	170181	1.88%	0.271%

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72	11.966	1701	1705	1708	rVV3	334171	607519	6.72%	0.966%
73	12.001	1708	1711	1719	rVV	1000798	1131166	12.50%	1.798%
74	12.130	1730	1733	1735	rVV2	125656	146611	1.62%	0.233%
75	12.160	1735	1738	1742	rVV3	104890	171827	1.90%	0.273%
76	12.201	1742	1745	1750	rVB2	201613	250592	2.77%	0.398%
77	12.301	1757	1762	1768	rVB4	126844	205197	2.27%	0.326%
78	12.401	1773	1779	1783	rBV2	1920050	2326801	25.72%	3.699%
79	12.518	1792	1799	1802	rBV7	160233	342915	3.79%	0.545%
80	12.554	1802	1805	1807	rVV4	201312	251807	2.78%	0.400%
81	12.589	1808	1811	1815	rVB	637228	650412	7.19%	1.034%
82	12.677	1823	1826	1829	rBV	374202	387222	4.28%	0.616%
83	12.707	1829	1831	1835	rVB	233730	217428	2.40%	0.346%
84	12.783	1840	1844	1847	rVB2	304094	350099	3.87%	0.557%
85	12.824	1847	1851	1855	rBV2	144497	180956	2.00%	0.288%
86	12.924	1864	1868	1874	rBV3	188331	304265	3.36%	0.484%
87	12.983	1874	1878	1881	rVV	368158	380655	4.21%	0.605%
88	13.077	1890	1894	1903	rVB2	376958	553614	6.12%	0.880%
89	13.148	1903	1906	1909	rBV3	107762	128110	1.42%	0.204%
90	13.195	1909	1914	1918	rBV	2419022	2700890	29.86%	4.294%
91	13.271	1923	1927	1933	rBV	215600	266151	2.94%	0.423%
92	13.354	1936	1941	1947	rBV	907074	956223	10.57%	1.520%
93	13.530	1967	1971	1974	rBV2	126480	176335	1.95%	0.280%
94	13.671	1992	1995	1999	rBV2	199714	267621	2.96%	0.425%
95	13.765	2007	2011	2019	rBV5	79924	185277	2.05%	0.295%
96	14.465	2125	2130	2133	rBV2	618671	673908	7.45%	1.071%
97	14.518	2136	2139	2143	rVB	200425	212758	2.35%	0.338%
98	15.777	2349	2353	2356	rBV4	90835	161097	1.78%	0.256%
99	16.095	2403	2407	2416	rVB	537400	631375	6.98%	1.004%
100	18.083	2739	2745	2756	rBV3	139775	364424	4.03%	0.579%

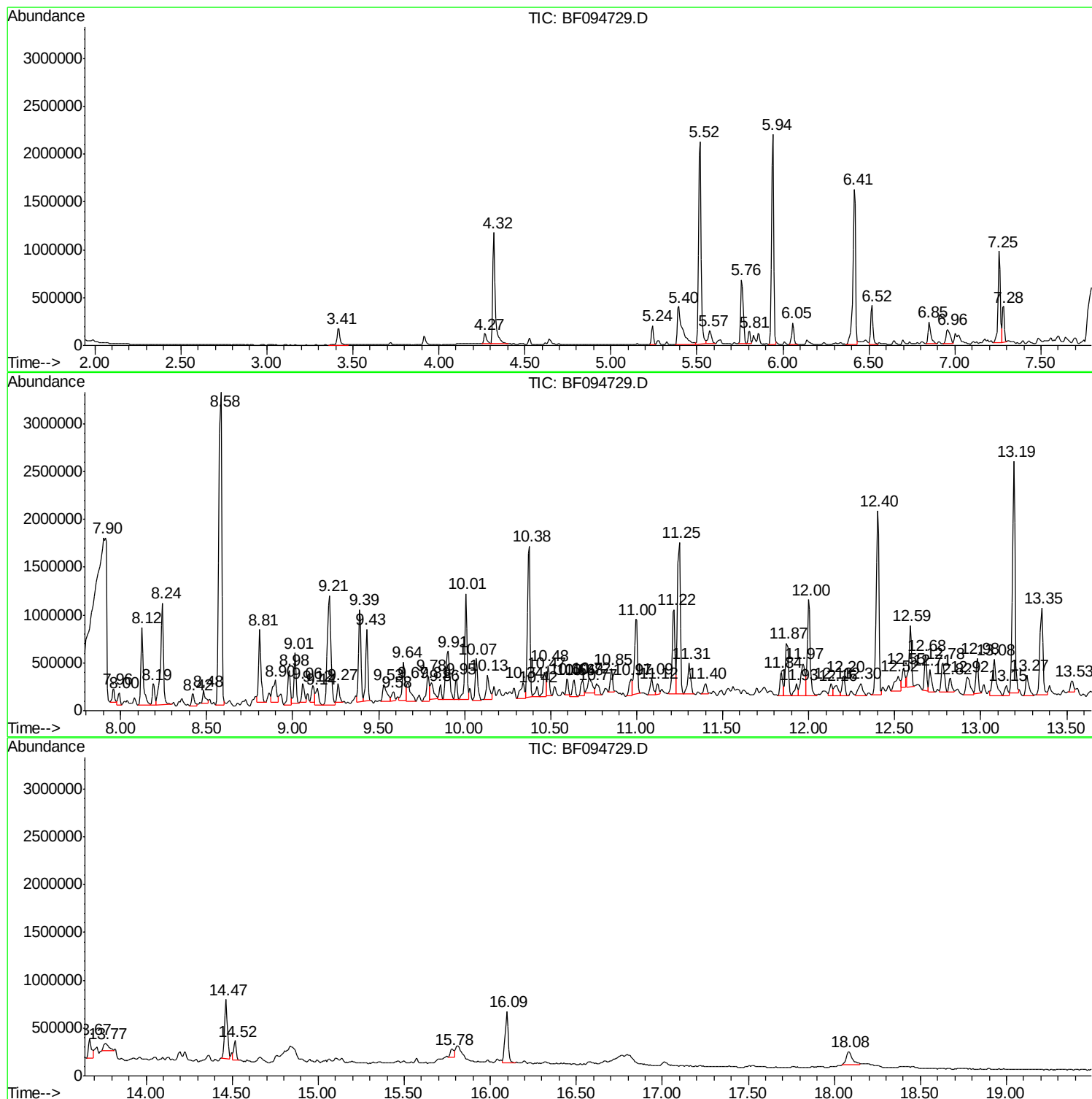
Sum of corrected areas: 62898025

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.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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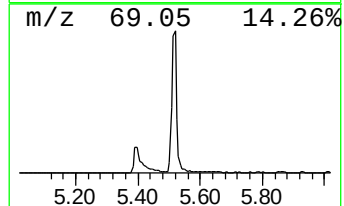
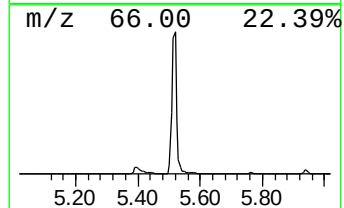
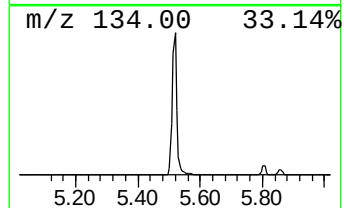
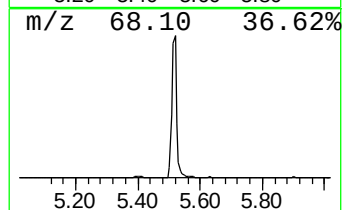
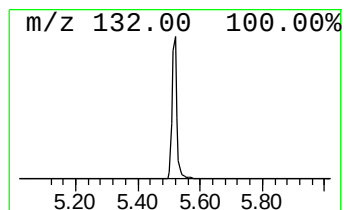
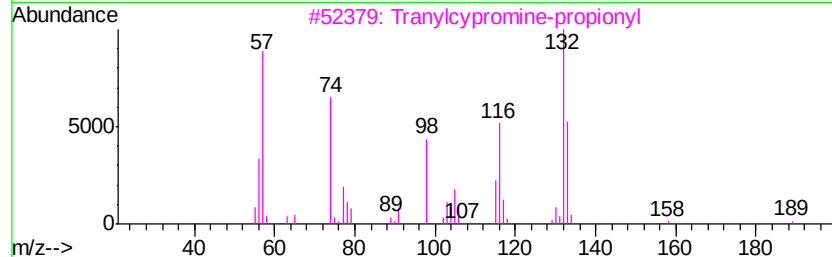
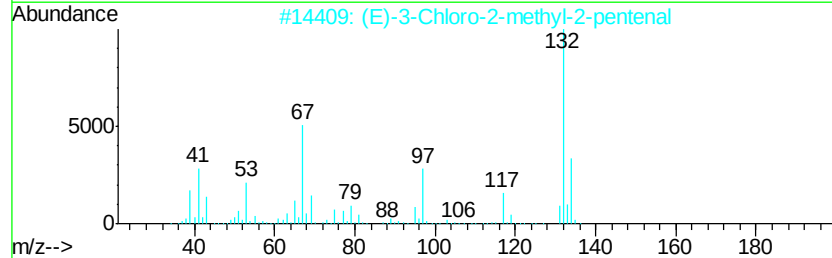
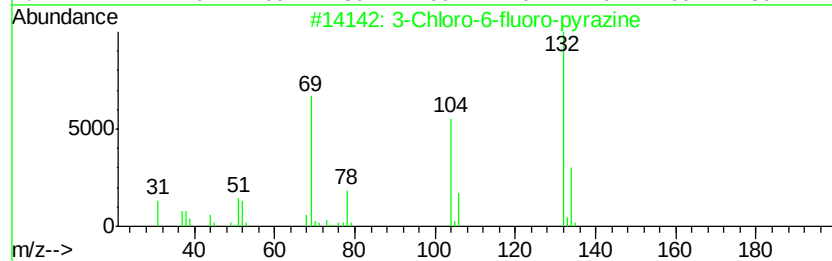
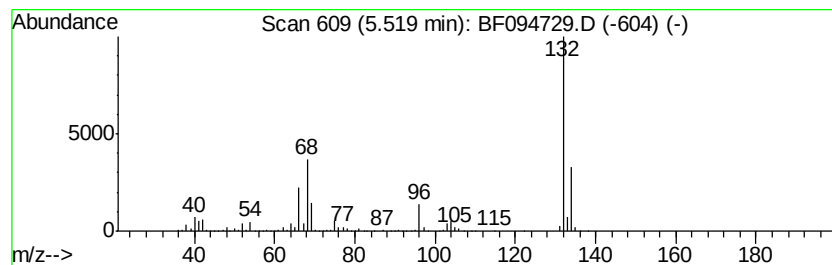
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	75.21 ng	2332560	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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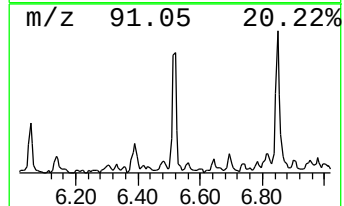
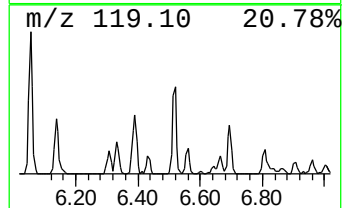
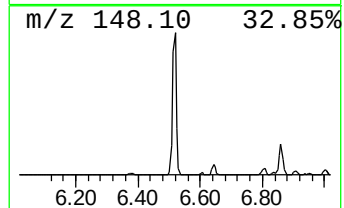
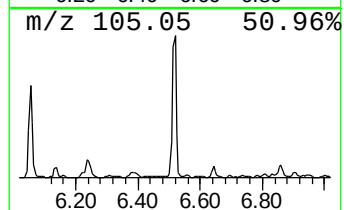
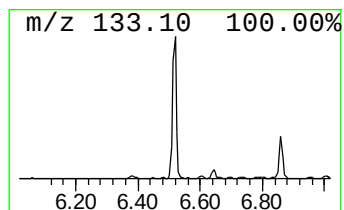
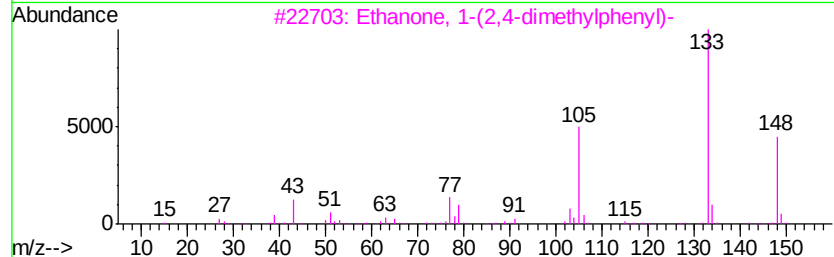
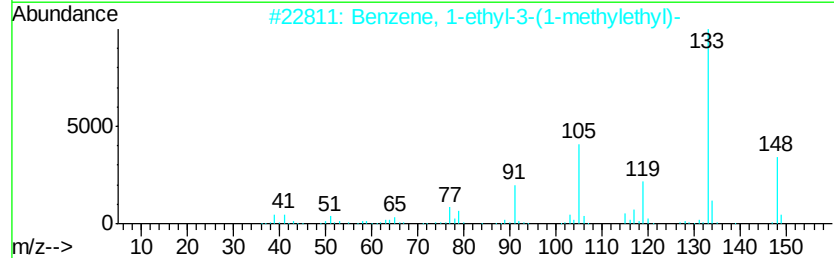
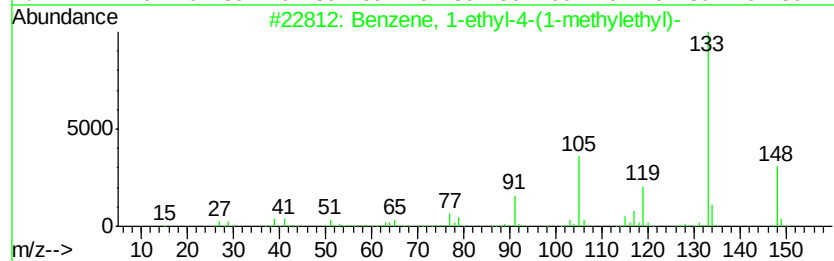
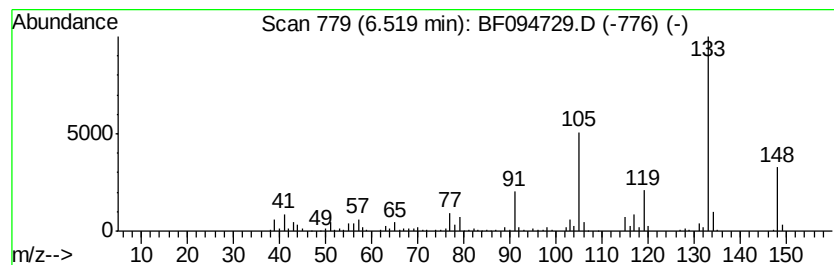
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-4-(1-methylethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	8.16 ng	389010	Napthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	97
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	95
3		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	94
4		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	90
5		2-tert-Butyltoluene	148	C11H16	001074-92-6	87



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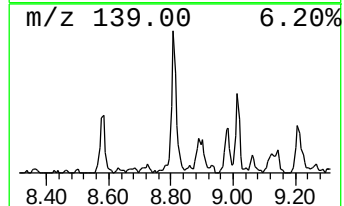
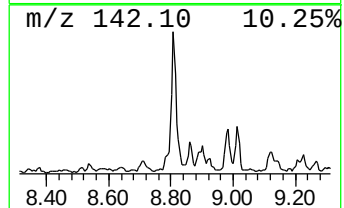
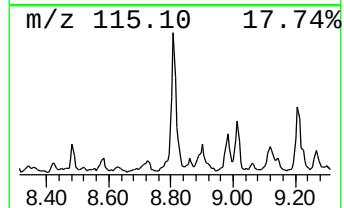
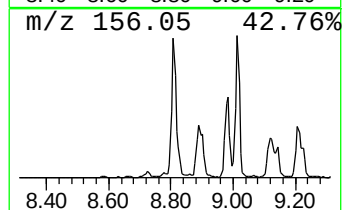
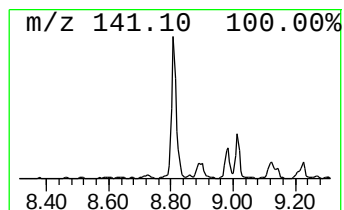
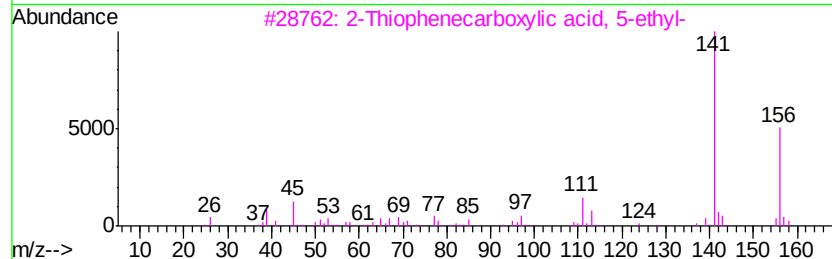
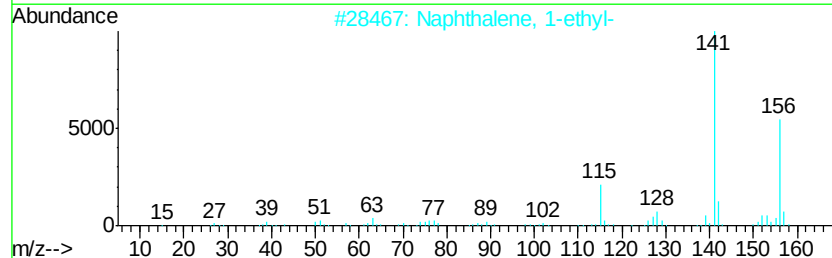
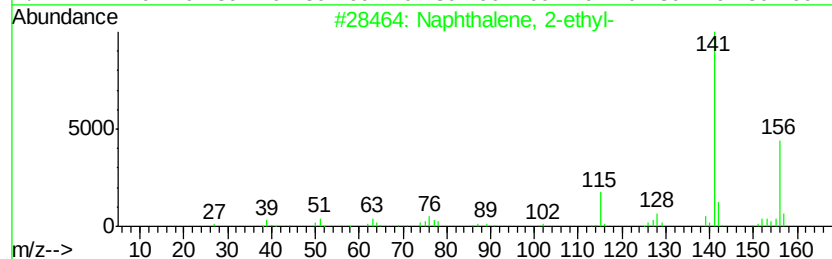
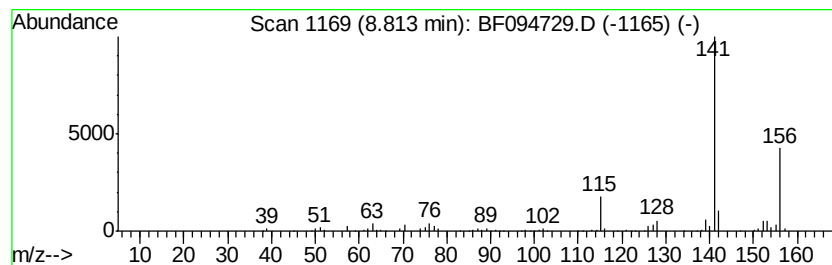
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Peak Number 5 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	14.99 ng	769923	Acenaphthene-d10	9.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	56
5		Ethanone, 1-(2,6-difluorophenyl)-	156	C8H6F2O	013670-99-0	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094729.D
Acq On : 30 Apr 2017 21:52
Operator : SJ/MA
Sample : I2902-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B

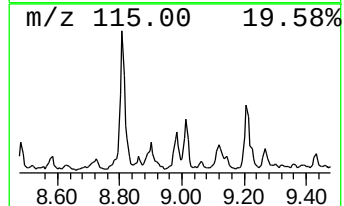
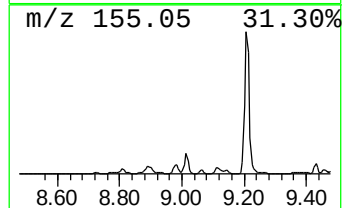
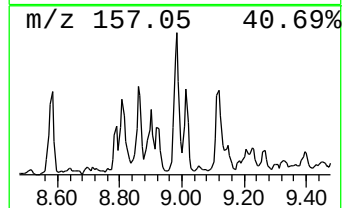
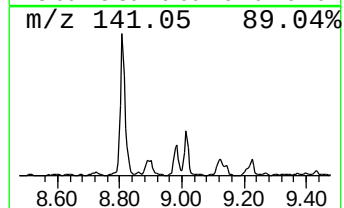
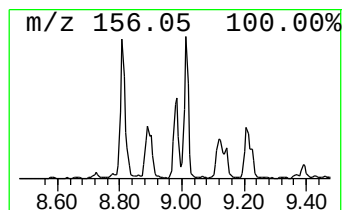
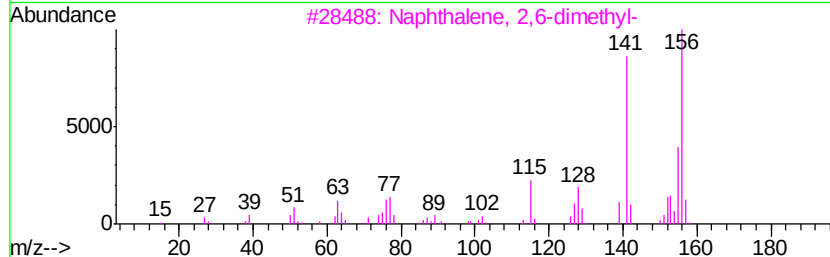
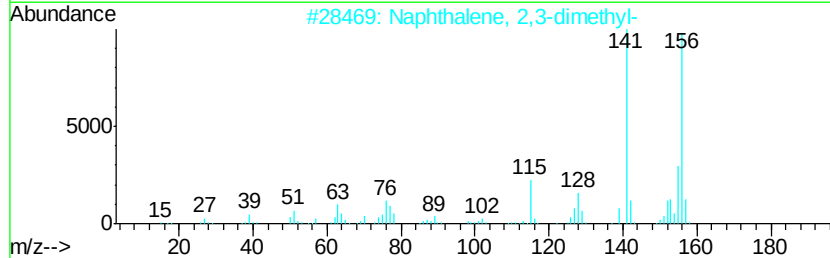
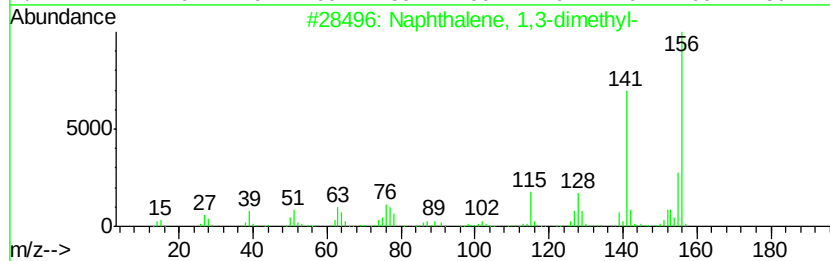
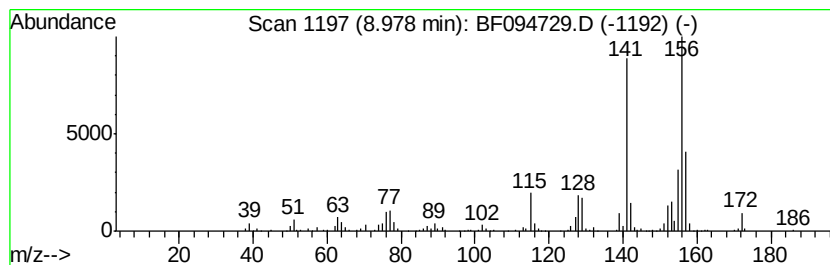
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	8.05 ng	413751	Acenaphthene-d10	9.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094729.D
Acq On : 30 Apr 2017 21:52
Operator : SJ/MA
Sample : I2902-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

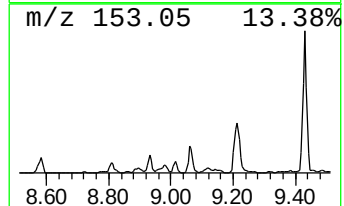
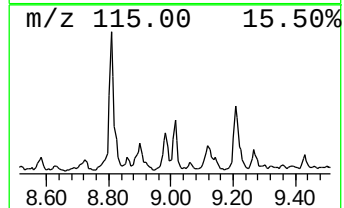
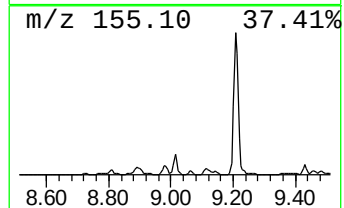
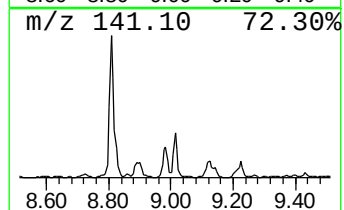
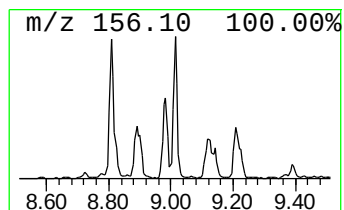
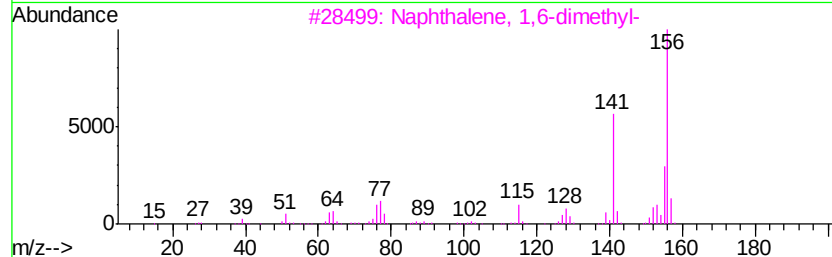
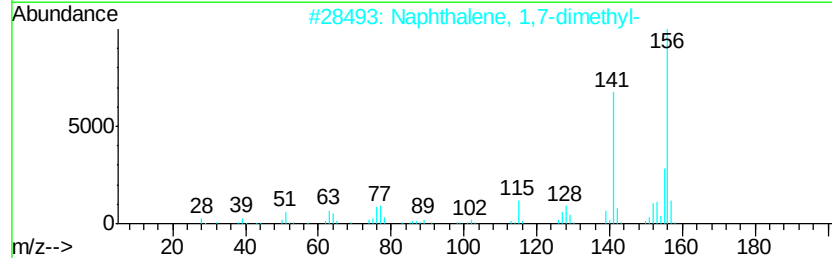
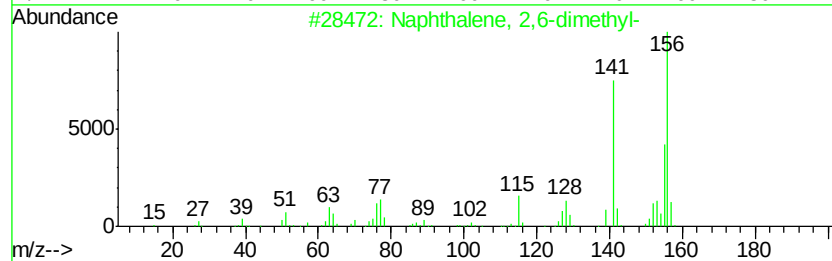
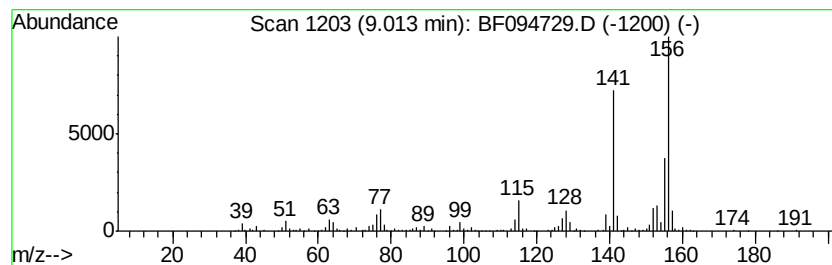
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.01	8.78 ng	451144	Acenaphthene-d10		9.39
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094729.D
Acq On : 30 Apr 2017 21:52
Operator : SJ/MA
Sample : I2902-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

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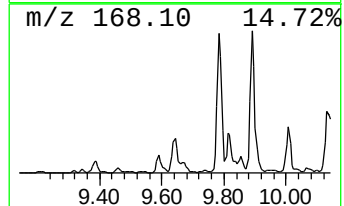
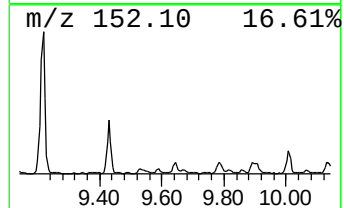
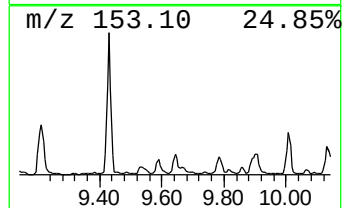
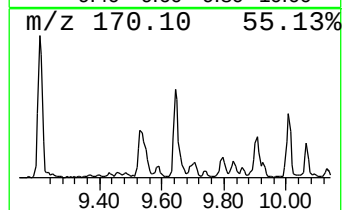
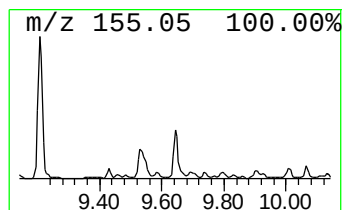
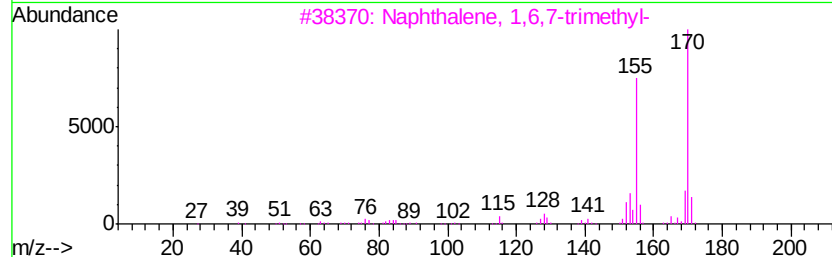
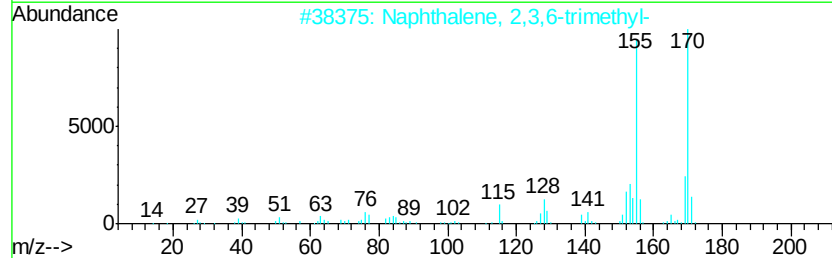
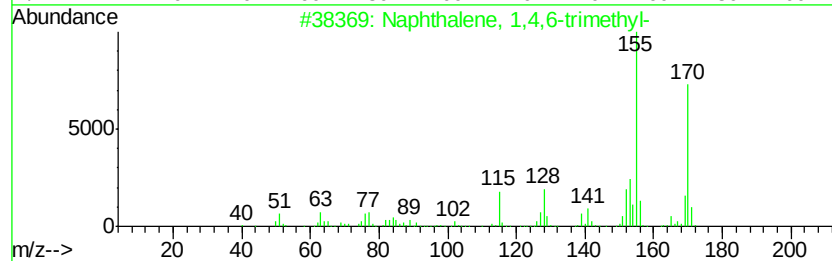
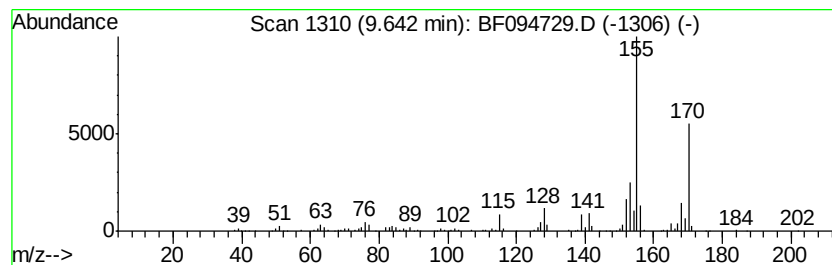
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	9.06 ng	465668	Acenaphthene-d10	9.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
4		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	83
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094729.D
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Operator : SJ/MA
Sample : I2902-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

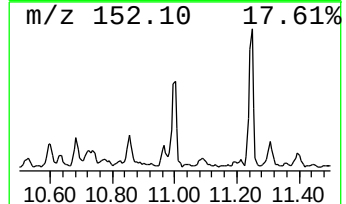
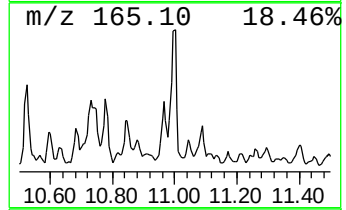
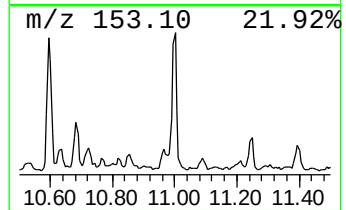
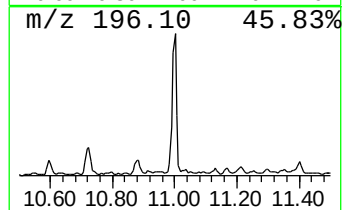
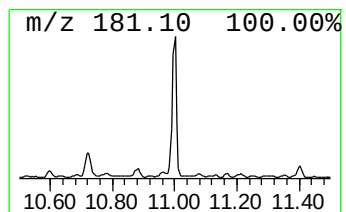
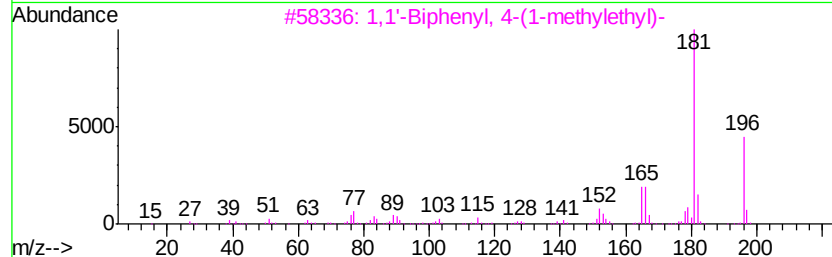
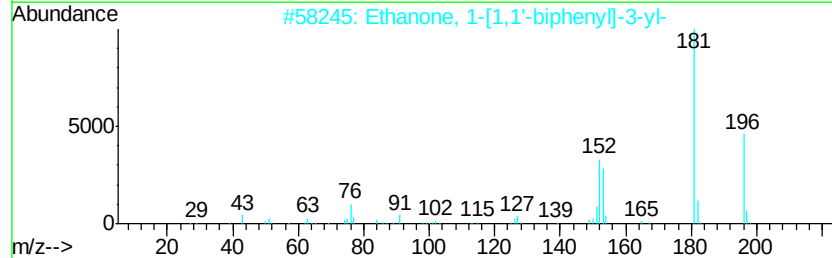
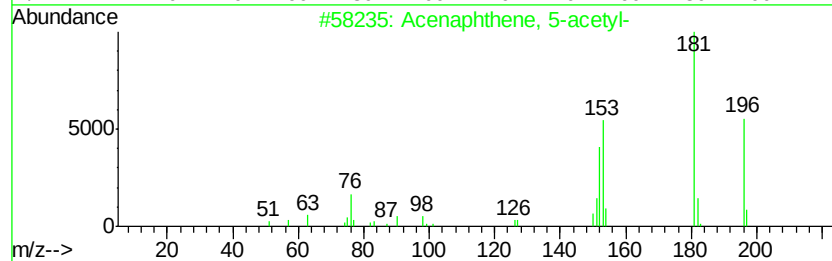
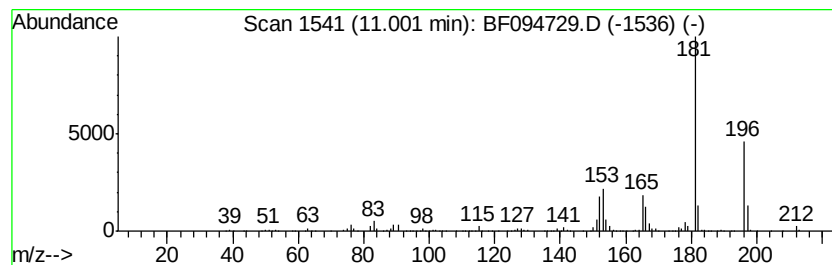
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Acenaphthene, 5-acetyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.00	18.69 ng	1005010	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene, 5-acetyl-	196	C14H12O	010047-18-4	83
2	Ethanone, 1-[1,1'-biphenyl]-3-yl-	196	C14H12O	003112-01-4	81
3	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	68
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	64
5	Ethanone, 1-[1,1'-biphenyl]-4-yl-	196	C14H12O	000092-91-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
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Sample : I2902-08
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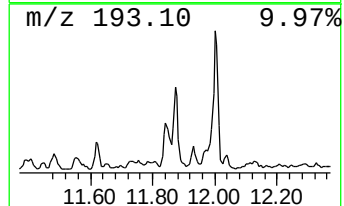
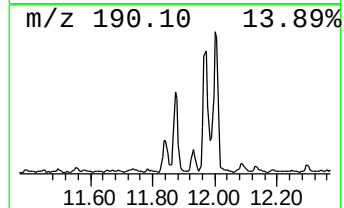
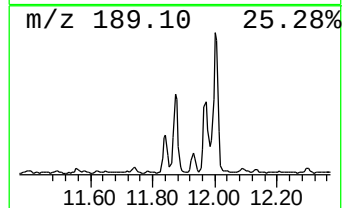
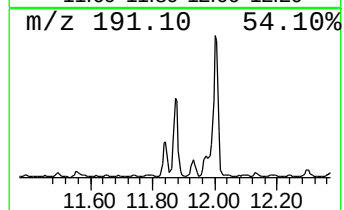
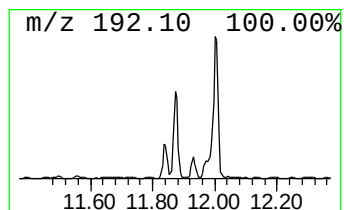
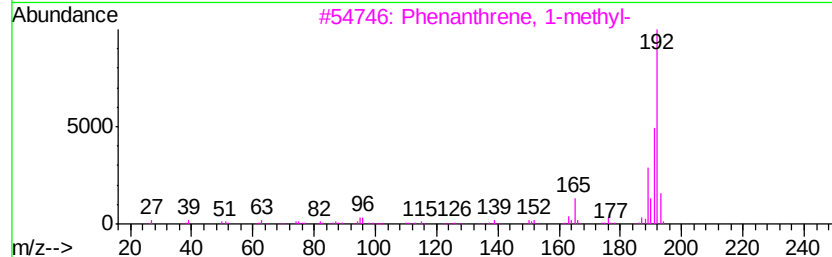
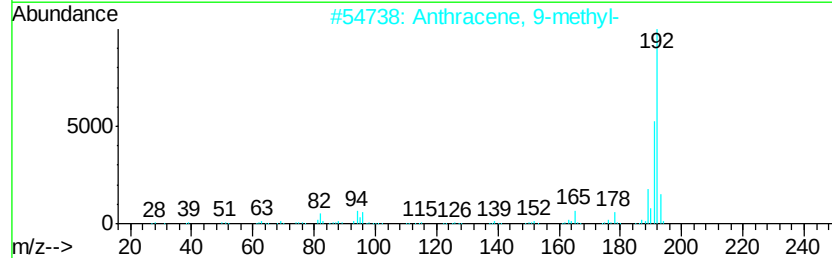
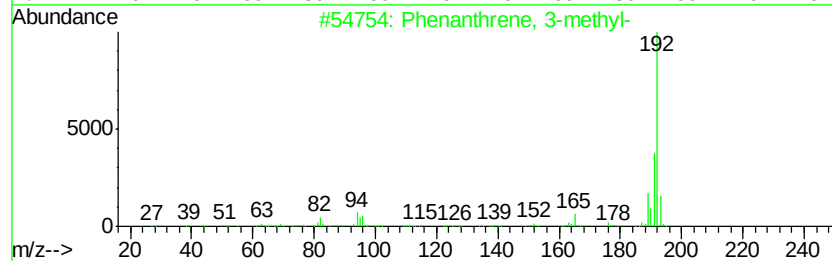
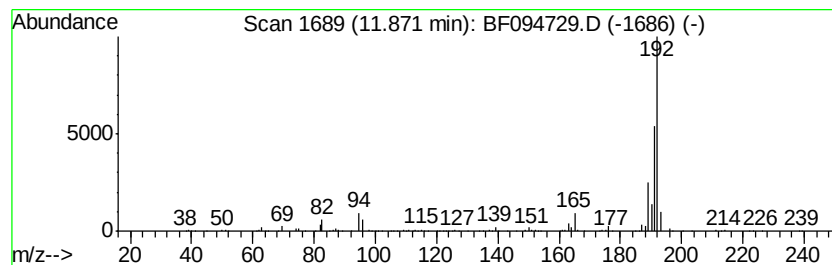
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.87	10.90 ng	586231	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
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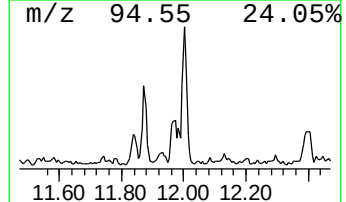
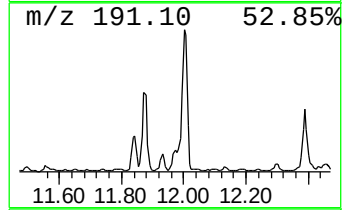
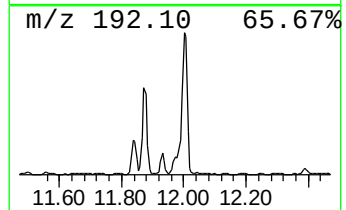
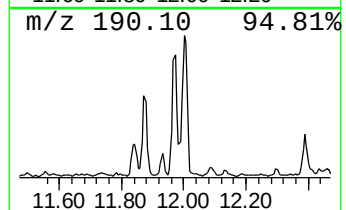
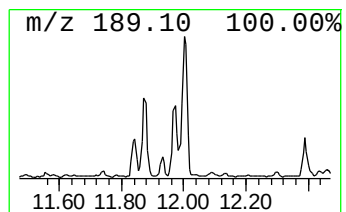
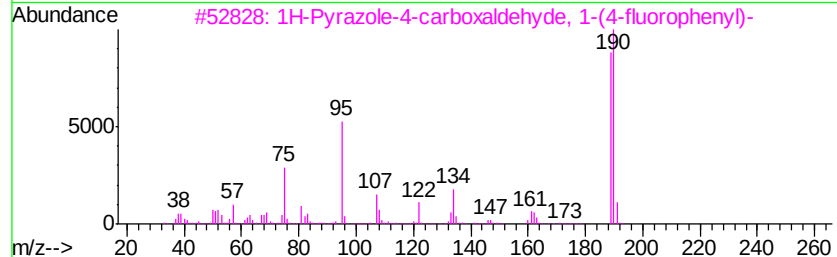
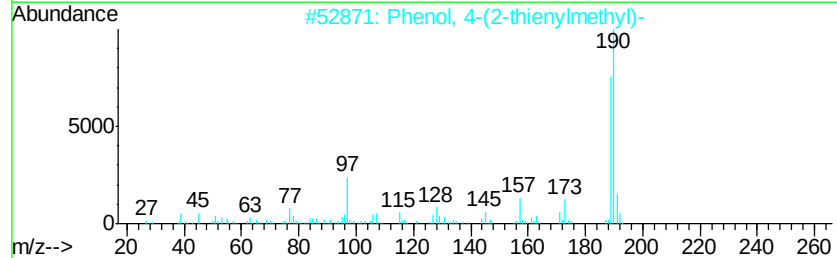
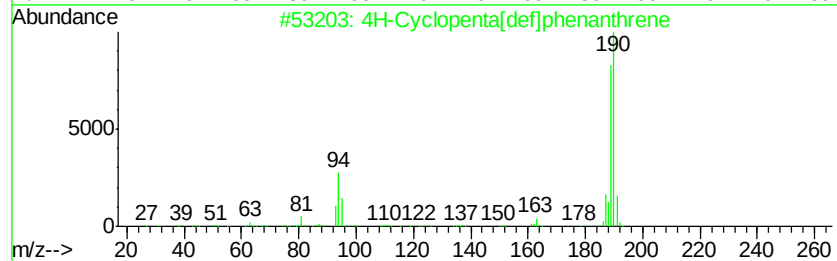
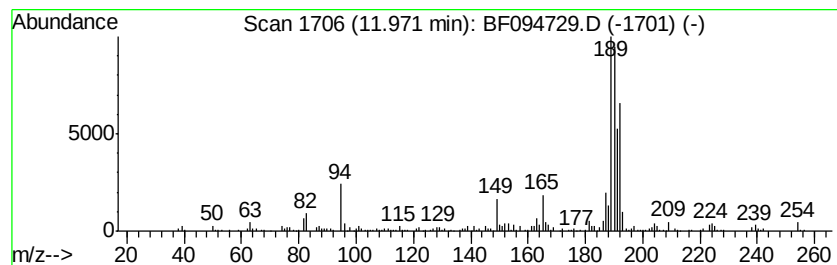
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.97	11.30 ng	607519	Phenanthrene-d10	11.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	43
3		1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	43
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	40
5		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
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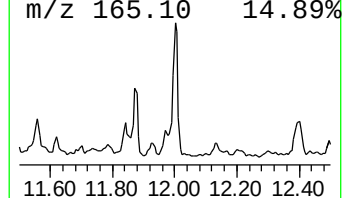
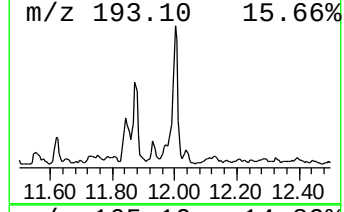
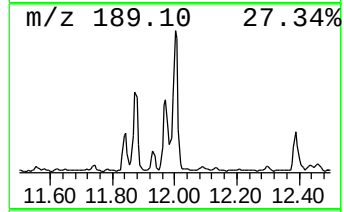
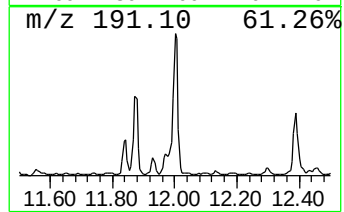
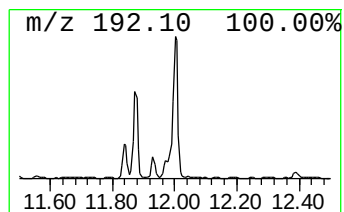
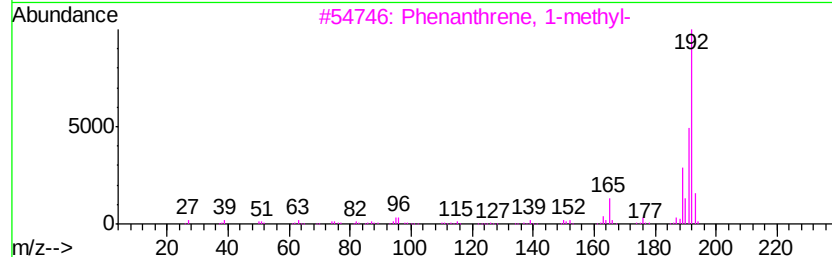
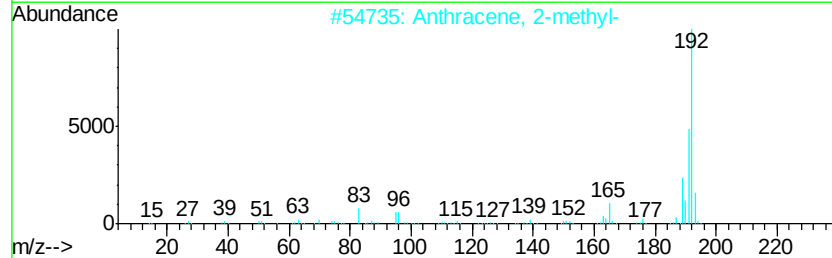
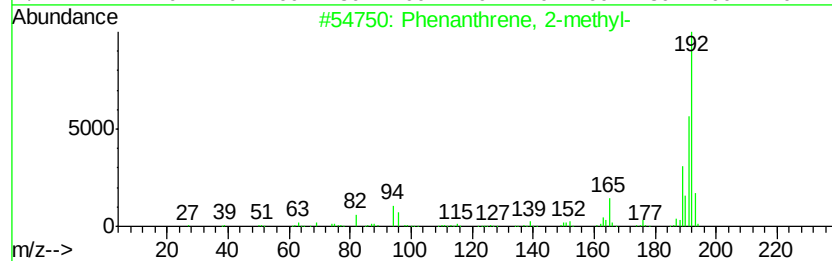
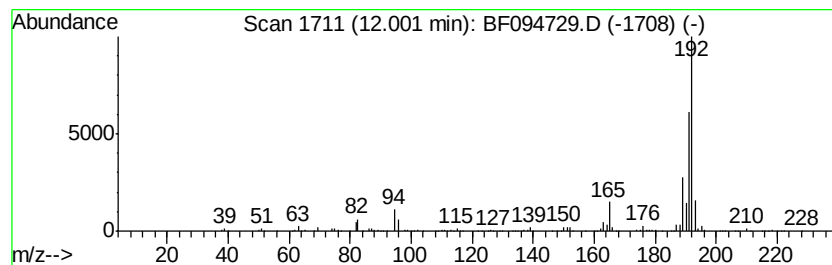
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	21.04 ng	1131170	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043017\
Data File : BF094729.D
Acq On : 30 Apr 2017 21:52
Operator : SJ/MA
Sample : I2902-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B

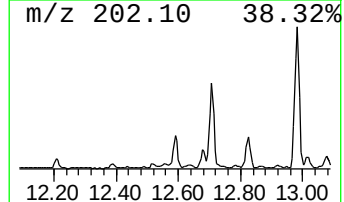
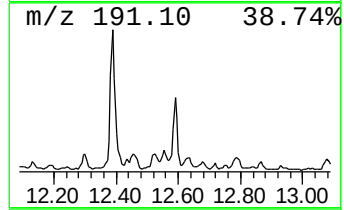
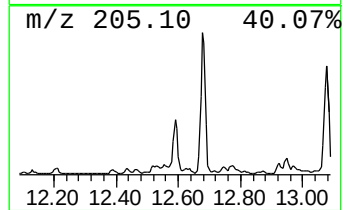
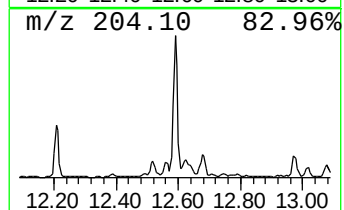
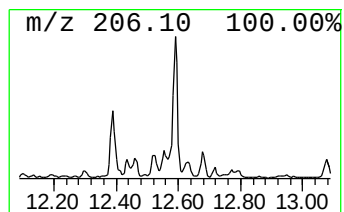
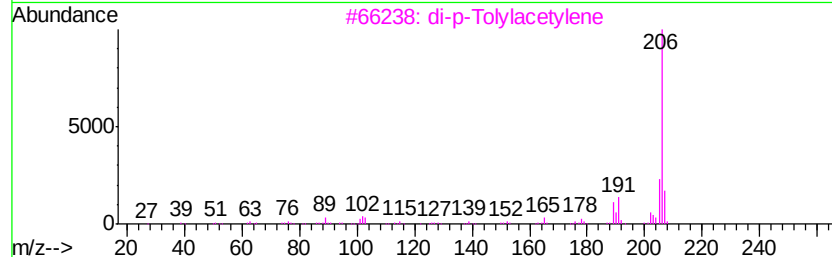
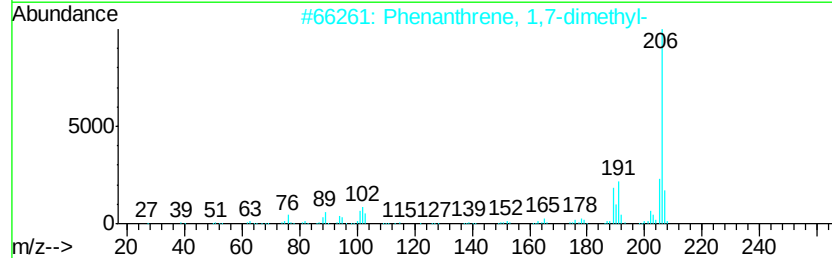
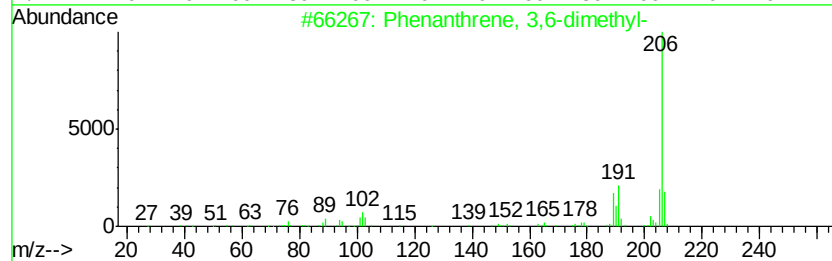
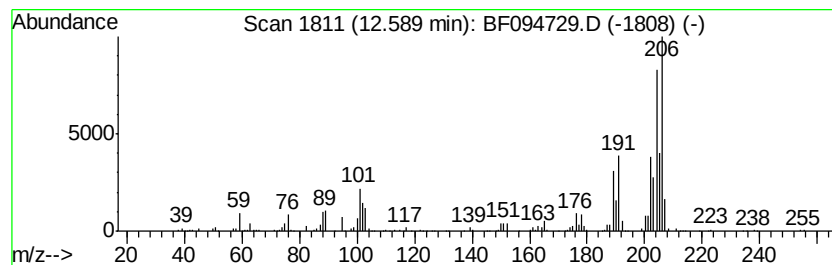
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	12.10 ng	650412	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	64
4		Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	64
5		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
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Acq On : 30 Apr 2017 21:52
Operator : SJ/MA
Sample : I2902-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

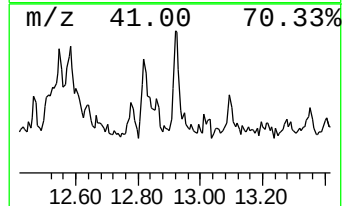
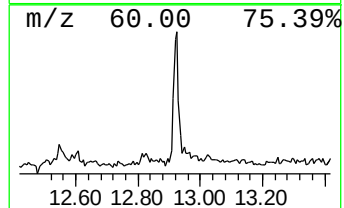
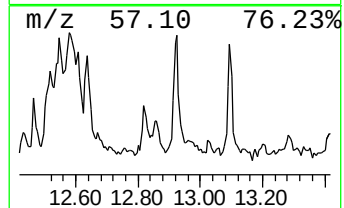
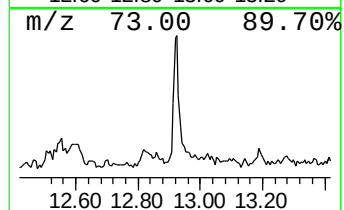
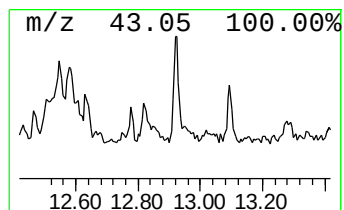
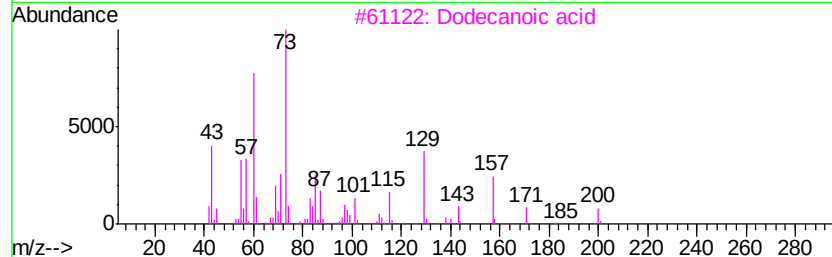
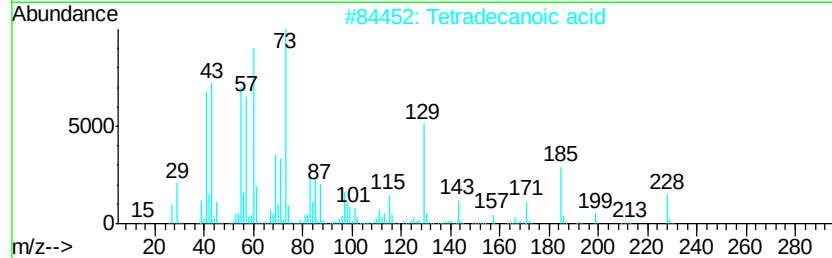
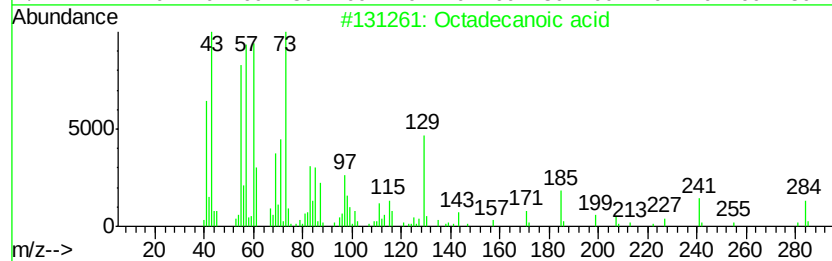
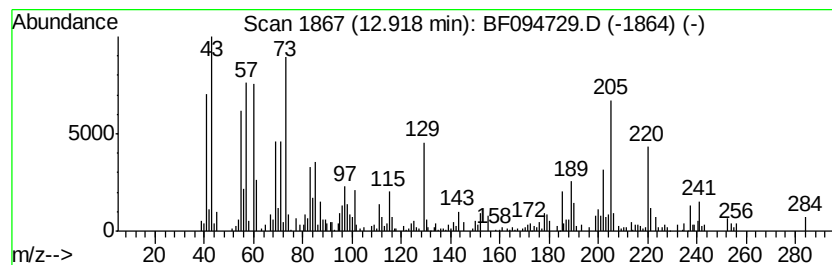
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.92	9.03 ng	304265	Chrysene-d12	14.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	35
3	Dodecanoic acid	200	C12H24O2	000143-07-7	35
4	2-(3,3-Dimethylbut-1-ynyl)thieno...	220	C12H12S2	1000250-48-5	35
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094729.D
Acq On : 30 Apr 2017 21:52
Operator : SJ/MA
Sample : I2902-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B

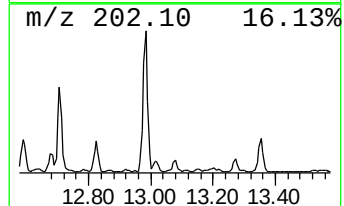
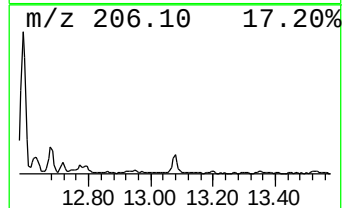
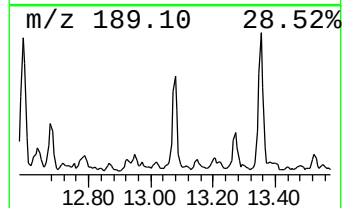
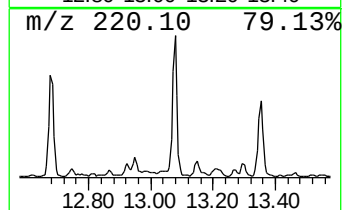
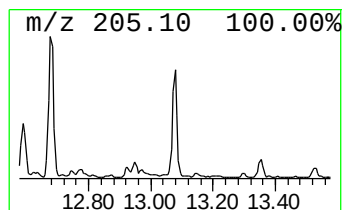
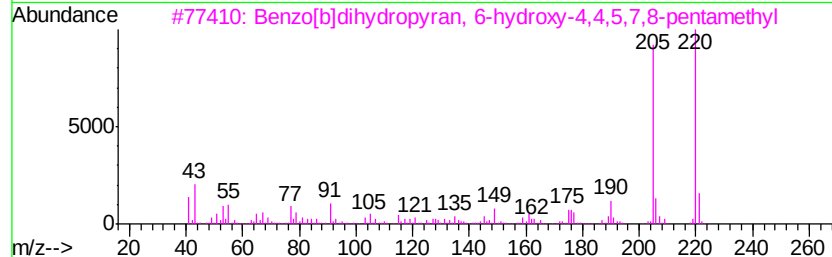
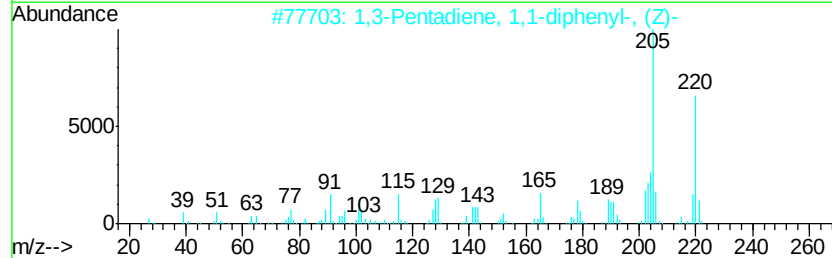
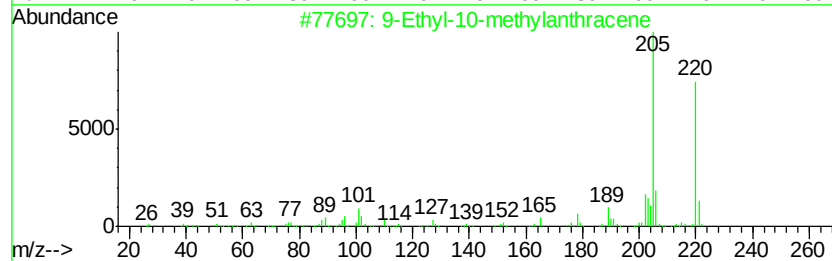
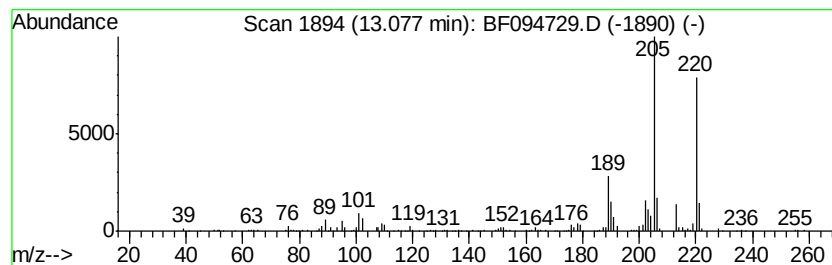
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Ethyl-10-methylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	16.43 ng	553614	Chrysene-d12	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Ethyl-10-methylantracene	220	C17H16	019713-49-6	72
2		1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	72
3		Benzo[b]dihydroxyran, 6-hydroxyv-...	220	C14H20O2	050442-70-1	64
4		1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	64
5		2-Methyl-4,5-dimethoxycrotonophe...	220	C13H16O3	207233-94-1	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
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Sample : I2902-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B

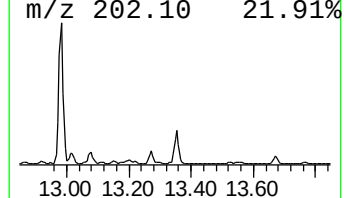
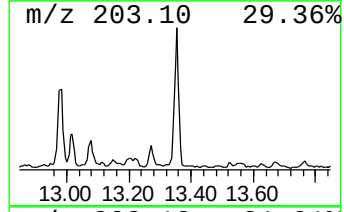
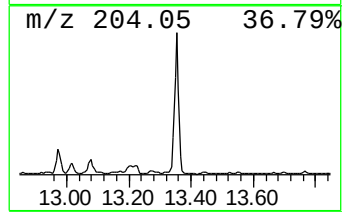
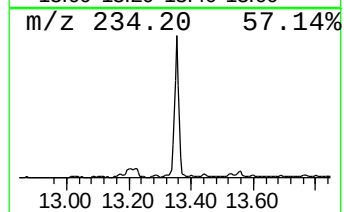
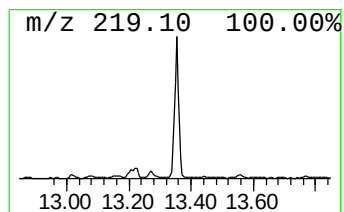
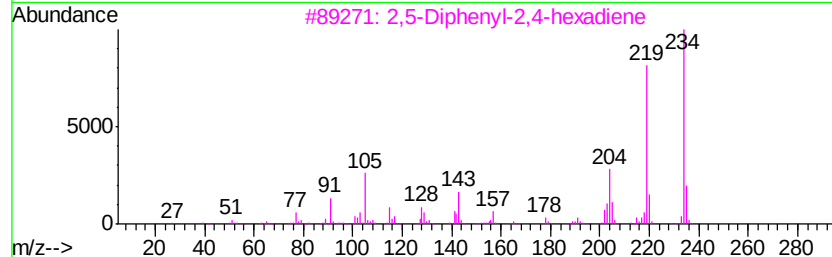
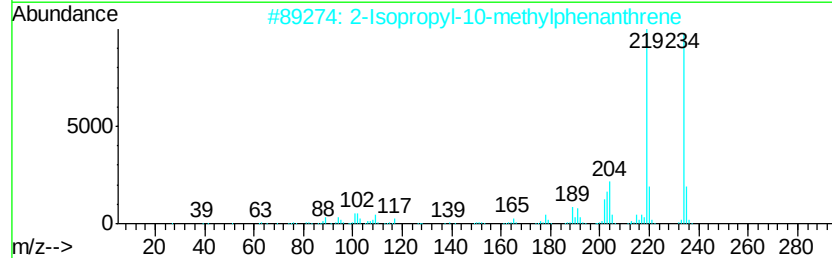
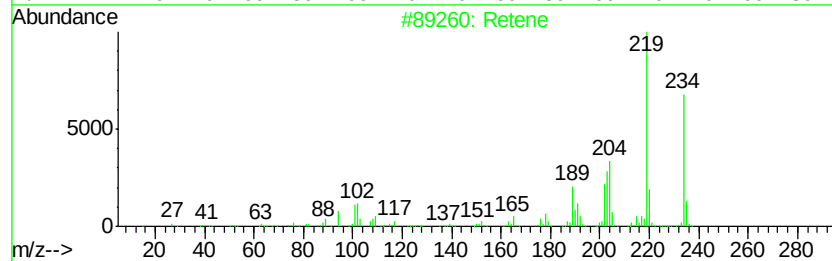
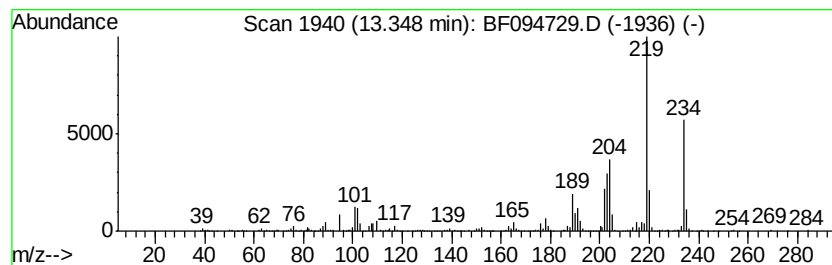
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Retene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	28.38 ng	956223	Chrysene-d12	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	99
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3		2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	68
4		1-Ethanone, 1-(4-amino-7-chloro-...	234	C12H11ClN2O	1000350-06-0	52
5		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094729.D
Acq On : 30 Apr 2017 21:52
Operator : SJ/MA
Sample : I2902-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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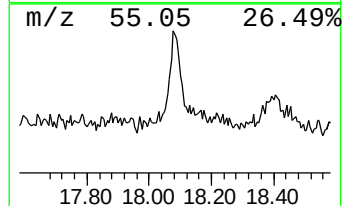
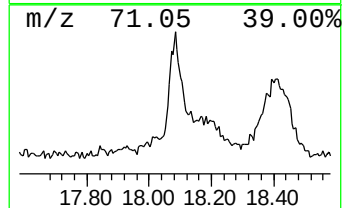
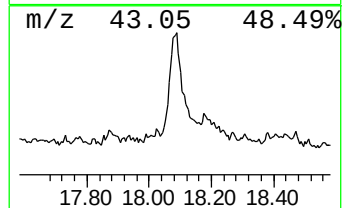
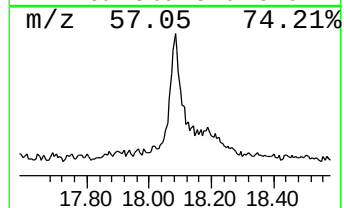
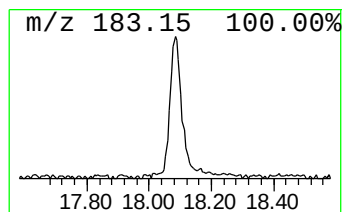
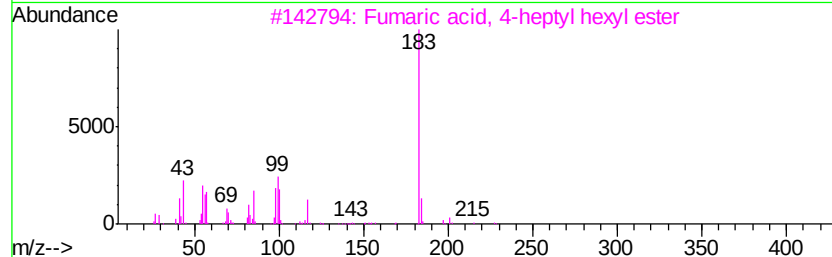
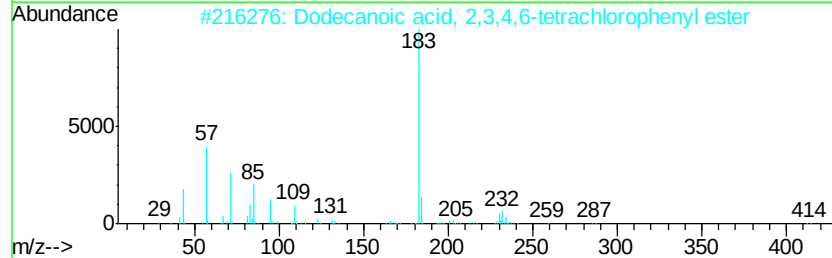
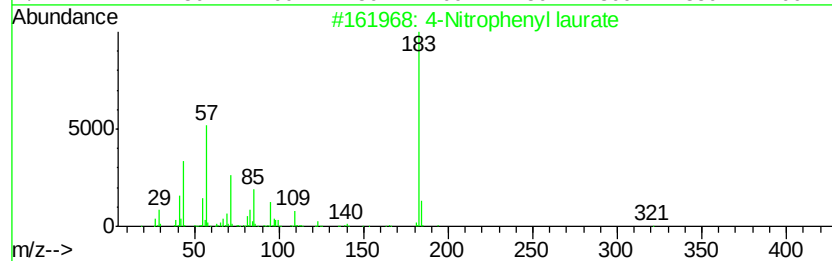
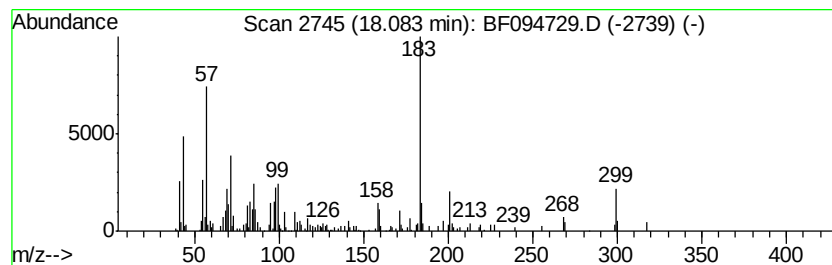
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 4-Nitrophenyl laurate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	11.54 ng	364424	Perylene-d12	16.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	52
2		Dodecanoic acid, 2,3,4,6-tetrachlorophenyl ester	412	C18H24Cl4O2	1000360-55-0	52
3		Fumaric acid, 4-heptyl hexyl ester	298	C17H30O4	1000348-51-5	50
4		Fumaric acid, 3,5-difluorophenyl ester	312	C16H18F2O4	1000339-37-3	35
5		Lauric anhydride	382	C24H46O3	000645-66-9	35



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Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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
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Naphthalene, 2-et...	8.81	15.0	ng	769923	3	9.39	1027550	20.0
Naphthalene, 1,3-...	8.98	8.1	ng	413751	3	9.39	1027550	20.0
Naphthalene, 2,6-...	9.01	8.8	ng	451144	3	9.39	1027550	20.0
Naphthalene, 1,4,...	9.64	9.1	ng	465668	3	9.39	1027550	20.0
Naphthalene, 1-me...	9.91	14.6	ng	748269	3	9.39	1027550	20.0
Acenaphthene, 5-a...	11.00	18.7	ng	1005010	4	11.22	1075350	20.0
Phenanthrene, 3-m...	11.87	10.9	ng	586231	4	11.22	1075350	20.0
4H-Cyclopenta[def...	11.97	11.3	ng	607519	4	11.22	1075350	20.0
Phenanthrene, 2-m...	12.00	21.0	ng	1131170	4	11.22	1075350	20.0
4b,8-Dimethyl-2-i...	12.40	43.3	ng	2326800	4	11.22	1075350	20.0
Phenanthrene, 3,6...	12.59	12.1	ng	650412	4	11.22	1075350	20.0
Octadecanoic acid	12.92	9.0	ng	304265	5	14.47	673908	20.0
9-Ethyl-10-methyl...	13.08	16.4	ng	553614	5	14.47	673908	20.0
Retene	13.35	28.4	ng	956223	5	14.47	673908	20.0
4-Nitrophenyl lau...	18.08	11.5	ng	364424	6	16.09	631375	20.0