

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
 Data File : BF096389.D
 Acq On : 1 Jul 2017 20:04
 Operator : SJ/MA
 Sample : I3908-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-61-1.5-3

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-BF070117.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	3.716	271	277	283	rBV	125484	197388	6.22%	0.401%
2	4.351	379	385	390	rBV3	49093	81010	2.55%	0.165%
3	4.922	477	482	489	rVB	412905	522736	16.48%	1.062%
4	5.310	545	548	550	rBV	175053	192845	6.08%	0.392%
5	5.345	550	554	557	rVB	3030431	3170994	100.00%	6.441%
6	5.575	590	593	602	rVB2	140437	171464	5.41%	0.348%
7	5.898	644	648	652	rVB2	73739	81418	2.57%	0.165%
8	6.192	690	698	701	rBV3	50922	96369	3.04%	0.196%
9	6.275	705	712	717	rVV3	106463	175295	5.53%	0.356%
10	6.369	723	728	731	rVB	2812986	2844960	89.72%	5.779%
11	6.504	745	751	754	rBV	3217384	3105526	97.94%	6.308%
12	6.563	758	761	763	rBV	170703	139226	4.39%	0.283%
13	6.734	786	790	793	rVV	1122851	950574	29.98%	1.931%
14	6.763	793	795	798	rVB2	110502	93759	2.96%	0.190%
15	6.798	798	801	809	rBV4	111994	155265	4.90%	0.315%
16	6.892	813	817	820	rVB	2465842	2292702	72.30%	4.657%
17	7.057	842	845	847	rBV	87268	85841	2.71%	0.174%
18	7.134	853	858	861	rBV2	136923	128225	4.04%	0.260%
19	7.292	878	885	888	rVV	2208568	2140596	67.51%	4.348%
20	7.345	891	894	897	rVB	209866	172181	5.43%	0.350%
21	7.386	897	901	904	rBV4	103912	144718	4.56%	0.294%
22	7.545	924	928	933	rVB4	56647	90424	2.85%	0.184%
23	7.981	996	1002	1004	rBV5	53565	86844	2.74%	0.176%
24	8.016	1004	1008	1010	rVV	1517903	1431232	45.14%	2.907%
25	8.033	1010	1011	1014	rVV	687937	453730	14.31%	0.922%
26	8.092	1017	1021	1024	rVB2	121637	121683	3.84%	0.247%
27	8.357	1062	1066	1071	rBV6	53750	101618	3.20%	0.206%
28	8.451	1079	1082	1085	rVV	216665	189543	5.98%	0.385%
29	8.622	1108	1111	1113	rBV	229655	181416	5.72%	0.368%
30	8.728	1123	1129	1132	rVB	619793	545135	17.19%	1.107%
31	8.822	1142	1145	1149	rVV	381273	329260	10.38%	0.669%
32	9.051	1181	1184	1186	rVB	131911	101947	3.21%	0.207%
33	9.092	1186	1191	1194	rBV	2749610	2514280	79.29%	5.107%
34	9.186	1203	1207	1210	rVB	382647	330931	10.44%	0.672%

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35	9.286	1221	1224	1229	rVB	73372	95684	3.02%	0.194%
36	9.345	1231	1234	1242	rVB3	157183	224783	7.09%	0.457%
37	9.428	1242	1248	1250	rBV	255662	308023	9.71%	0.626%
38	9.451	1250	1252	1255	rVV	218454	173574	5.47%	0.353%
39	9.480	1255	1257	1260	rVV	702328	571954	18.04%	1.162%
40	9.504	1260	1261	1263	rVB	153424	85546	2.70%	0.174%
41	9.539	1263	1267	1269	rBV2	118919	102213	3.22%	0.208%
42	9.622	1277	1281	1285	rBV	253836	224130	7.07%	0.455%
43	9.710	1294	1296	1300	rVB	293533	242119	7.64%	0.492%
44	9.763	1300	1305	1308	rBV2	1083556	1138690	35.91%	2.313%
45	9.798	1308	1311	1314	rVB	275515	279729	8.82%	0.568%
46	9.969	1336	1340	1343	rVB	446038	380099	11.99%	0.772%
47	10.045	1349	1353	1355	rBV3	98209	155079	4.89%	0.315%
48	10.080	1357	1359	1362	rVV	94025	96374	3.04%	0.196%
49	10.175	1371	1375	1379	rBV2	109214	181424	5.72%	0.369%
50	10.210	1379	1381	1384	rVB	266416	199033	6.28%	0.404%
51	10.304	1395	1397	1400	rBV	247214	222131	7.01%	0.451%
52	10.427	1415	1418	1422	rVV2	119384	150381	4.74%	0.305%
53	10.469	1422	1425	1430	rVB	127501	151873	4.79%	0.308%
54	10.545	1434	1438	1443	rVV2	1292689	1313652	41.43%	2.668%
55	10.592	1443	1446	1451	rVB2	72596	81835	2.58%	0.166%
56	10.680	1457	1461	1463	rBV2	336641	358833	11.32%	0.729%
57	10.857	1485	1491	1493	rBV4	49073	83888	2.65%	0.170%
58	10.986	1508	1513	1514	rBV3	68000	89398	2.82%	0.182%
59	11.045	1521	1523	1528	rVB	187856	175617	5.54%	0.357%
60	11.098	1529	1532	1535	rVV2	80808	107659	3.40%	0.219%
61	11.133	1535	1538	1541	rVV2	243856	291565	9.19%	0.592%
62	11.245	1553	1557	1559	rBV	762975	788068	24.85%	1.601%
63	11.269	1559	1561	1564	rVB	1275901	950328	29.97%	1.930%
64	11.316	1564	1569	1572	rBV	421794	383710	12.10%	0.779%
65	11.351	1572	1575	1579	rBV3	67655	86480	2.73%	0.176%
66	11.469	1592	1595	1598	rVB	154507	125729	3.96%	0.255%
67	11.557	1607	1610	1612	rBV	162938	140919	4.44%	0.286%
68	11.745	1639	1642	1644	rBV	382187	354601	11.18%	0.720%
69	11.786	1644	1649	1652	rVV2	563907	777372	24.52%	1.579%
70	11.816	1652	1654	1657	rVB2	181721	156624	4.94%	0.318%
71	11.851	1657	1660	1663	rBV	291479	334693	10.55%	0.680%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	11.874	1663	1664	1667	rVB	142091	111362	3.51%	0.226%
73	11.963	1676	1679	1684	rVB3	189498	203299	6.41%	0.413%
74	12.039	1689	1692	1694	rBV	175973	163355	5.15%	0.332%
75	12.298	1733	1736	1739	rVV2	212532	216873	6.84%	0.441%
76	12.351	1743	1745	1747	rVV	204705	159991	5.05%	0.325%
77	12.374	1747	1749	1755	rVB2	174165	202240	6.38%	0.411%
78	12.457	1759	1763	1766	rVV	1573562	1336017	42.13%	2.714%
79	12.568	1779	1782	1786	rBV2	260425	268387	8.46%	0.545%
80	12.680	1795	1801	1804	rBV2	1364183	1380695	43.54%	2.804%
81	12.798	1819	1821	1823	rBV	107560	86342	2.72%	0.175%
82	12.827	1823	1826	1834	rVB	1678206	1574438	49.65%	3.198%
83	13.074	1865	1868	1871	rBV	204709	180617	5.70%	0.367%
84	13.110	1871	1874	1877	rBV	225908	213073	6.72%	0.433%
85	13.233	1893	1895	1899	rVB2	107004	99954	3.15%	0.203%
86	13.315	1907	1909	1914	rVB	225427	241541	7.62%	0.491%
87	13.510	1939	1942	1947	rVB	239979	241511	7.62%	0.491%
88	13.621	1958	1961	1964	rBV2	174248	225981	7.13%	0.459%
89	13.651	1964	1966	1968	rVV	138097	121781	3.84%	0.247%
90	13.674	1968	1970	1972	rVV	148853	150155	4.74%	0.305%
91	13.733	1975	1980	1985	rVB3	296612	492301	15.53%	1.000%
92	13.874	1999	2004	2007	rBV2	1383479	1964658	61.96%	3.991%
93	13.904	2007	2009	2017	rVB	745494	709537	22.38%	1.441%
94	14.057	2033	2035	2038	rVB2	198756	162866	5.14%	0.331%
95	14.298	2073	2076	2079	rVB2	189817	177936	5.61%	0.361%
96	14.892	2172	2177	2180	rBV	872943	1402122	44.22%	2.848%
97	15.174	2222	2225	2230	rVB	533143	656886	20.72%	1.334%
98	15.233	2231	2235	2240	rBV	440762	566903	17.88%	1.152%
99	15.292	2241	2245	2248	rBV	505585	575925	18.16%	1.170%
100	16.656	2473	2477	2482	rVB2	215383	339983	10.72%	0.691%

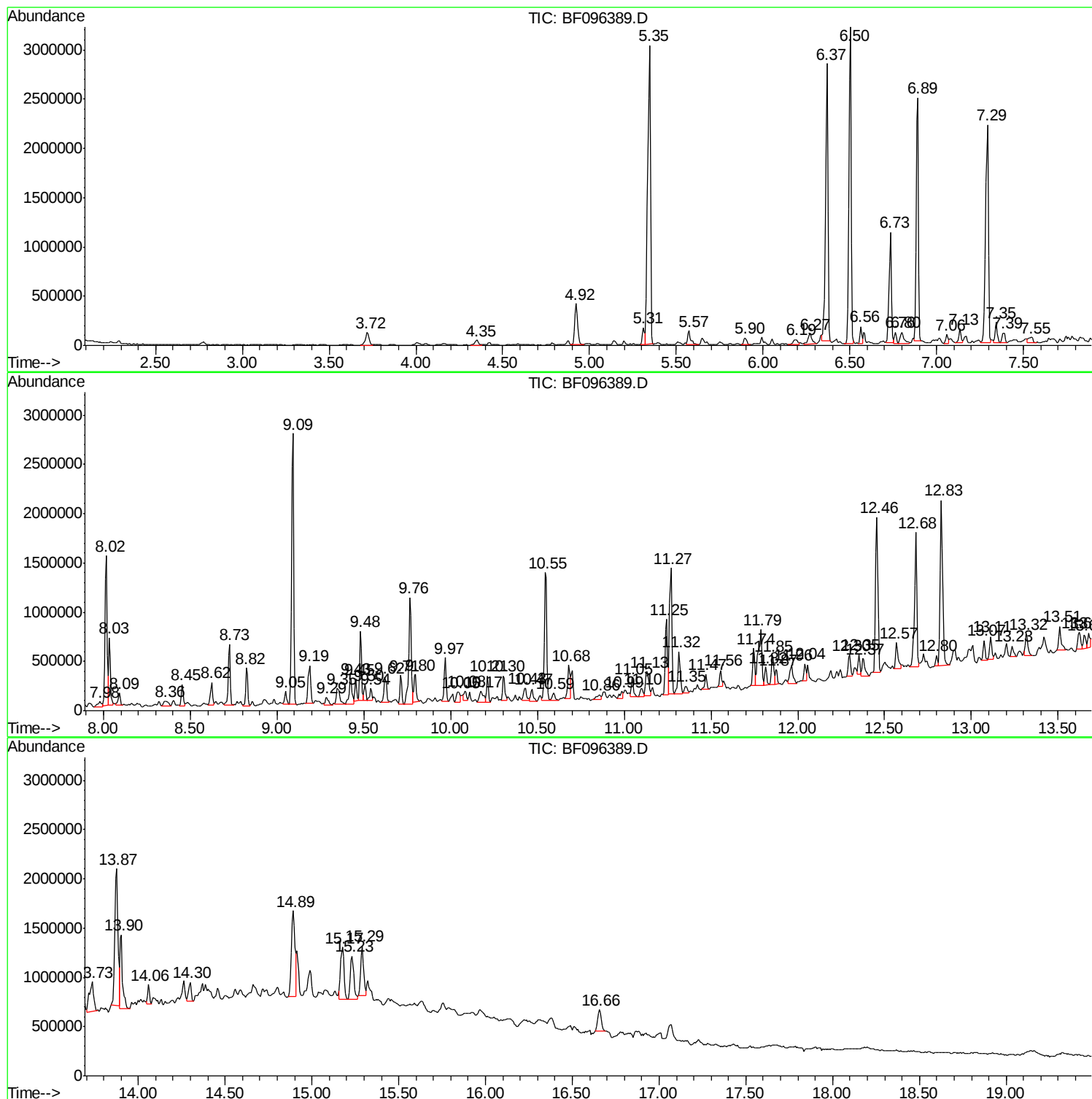
Sum of corrected areas: 49231674

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Instrument :
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ClientSampled :
G-61-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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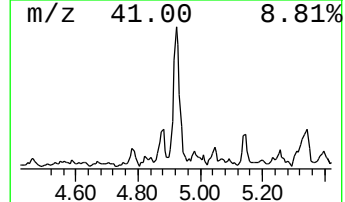
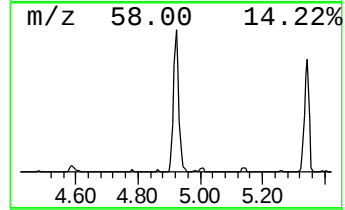
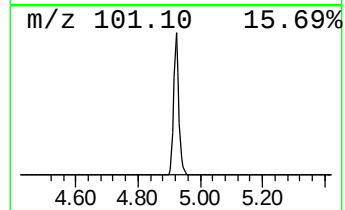
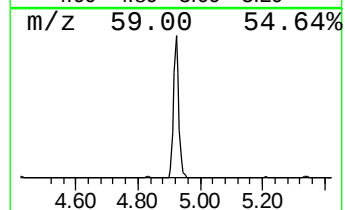
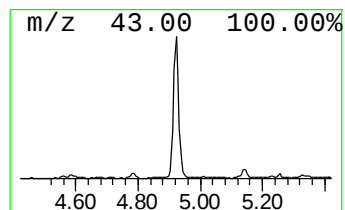
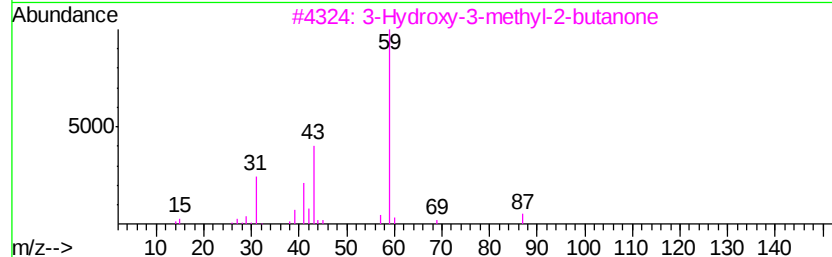
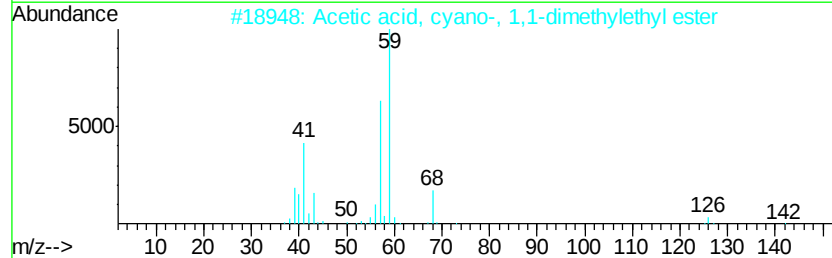
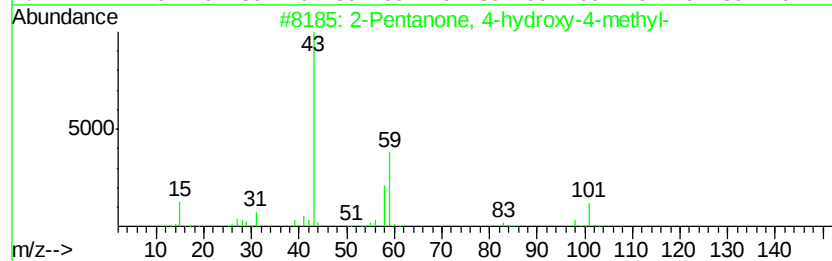
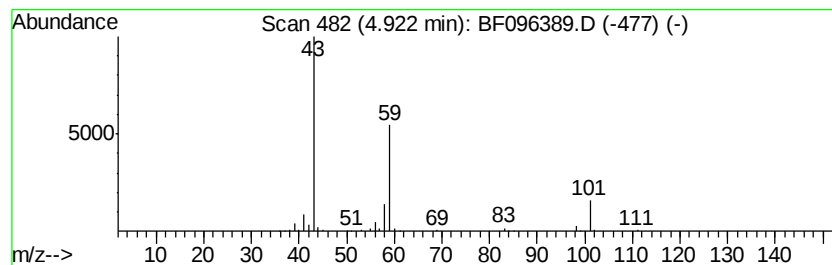
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	11.00 ng	522736	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4		Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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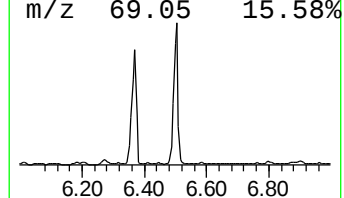
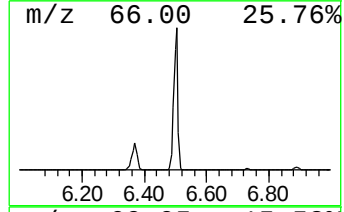
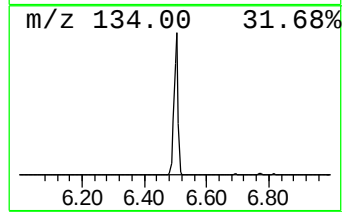
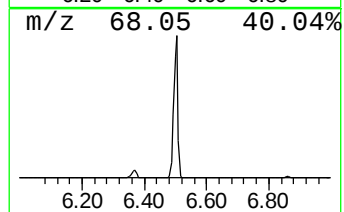
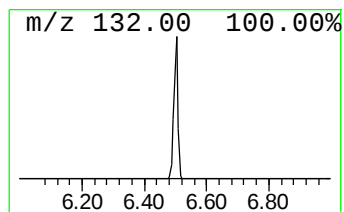
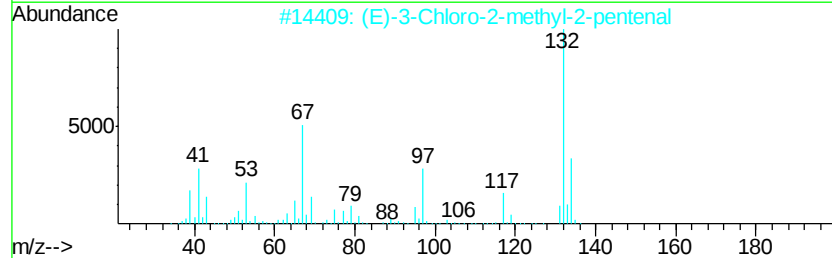
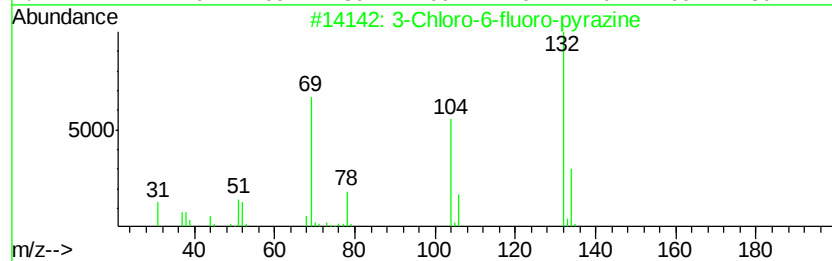
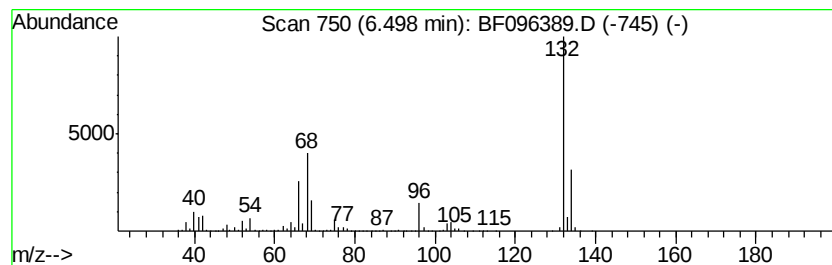
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	65.34 ng	3105530	1,4-Dichlorobenzene-d4	6.73

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	16
3		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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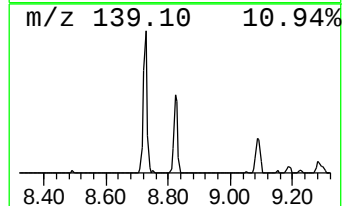
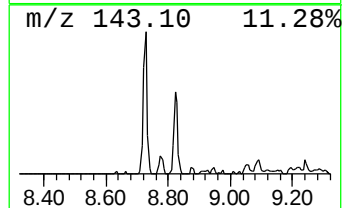
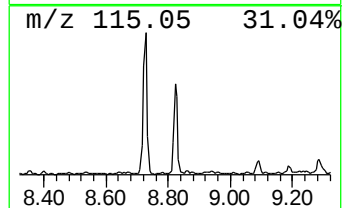
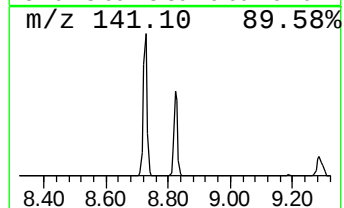
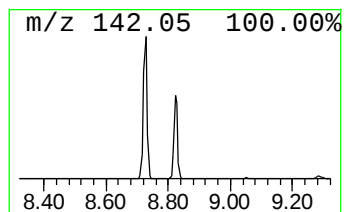
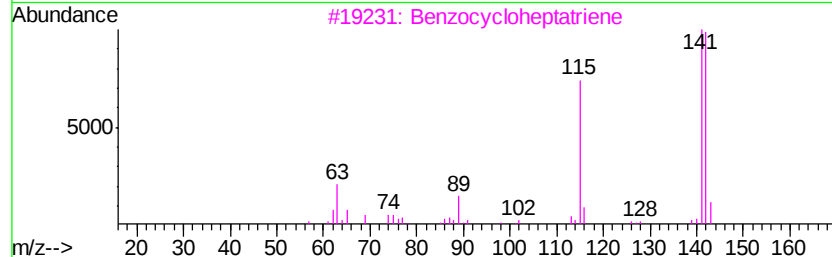
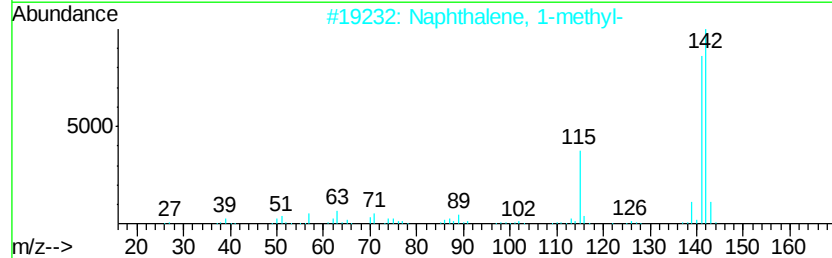
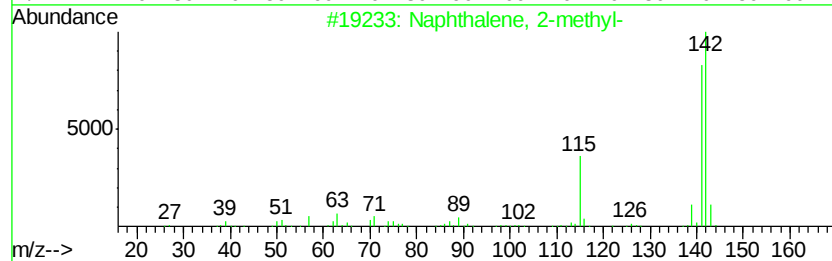
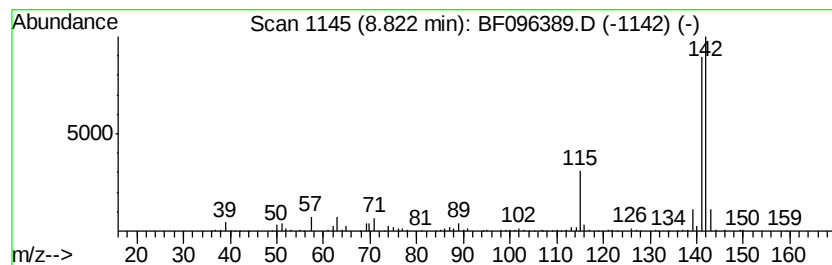
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	4.60 ng	329260	Naphthalene-d8	8.02

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		Benzocycloheptatriene	142	C11H10	000264-09-5	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096389.D
Acq On : 1 Jul 2017 20:04
Operator : SJ/MA
Sample : I3908-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-61-1.5-3

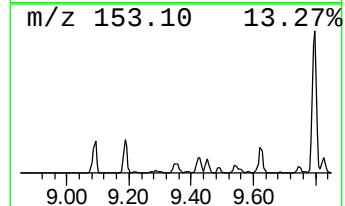
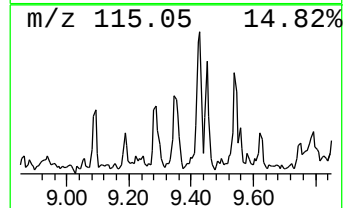
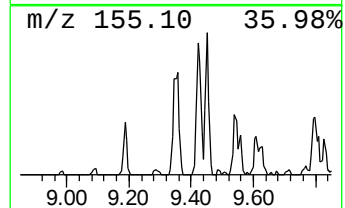
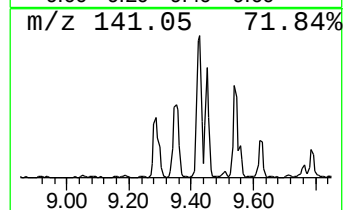
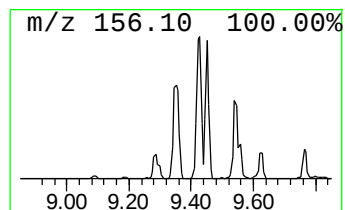
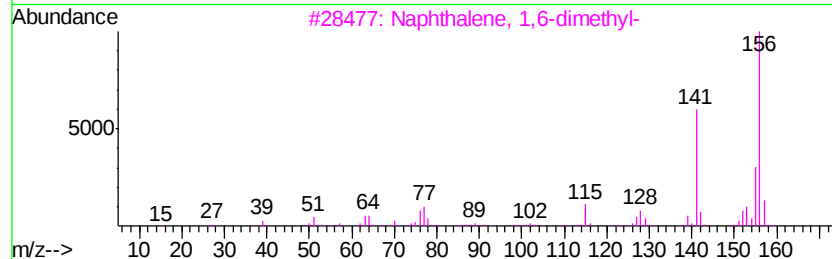
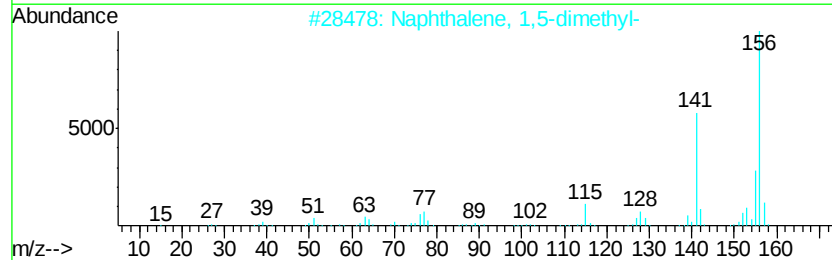
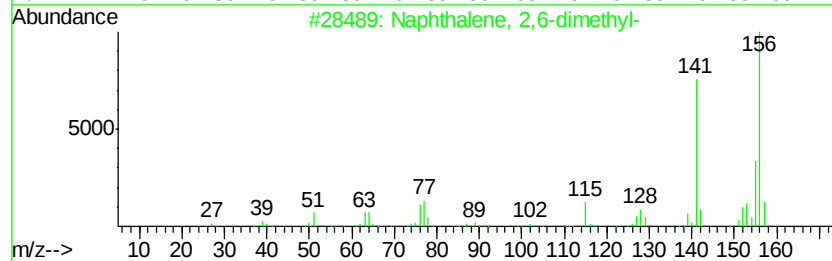
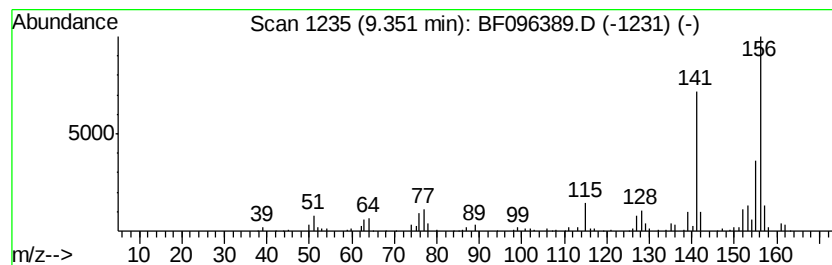
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	3.95 ng	224783	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096389.D
Acq On : 1 Jul 2017 20:04
Operator : SJ/MA
Sample : I3908-12
Misc :
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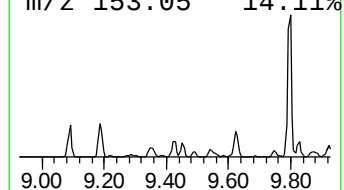
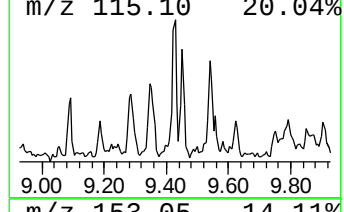
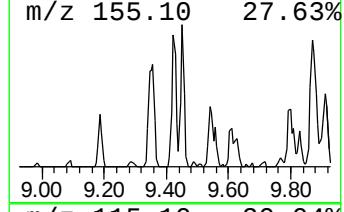
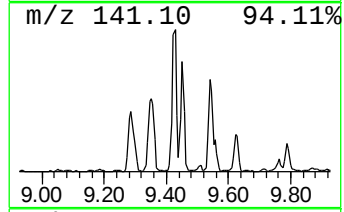
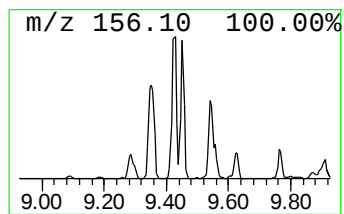
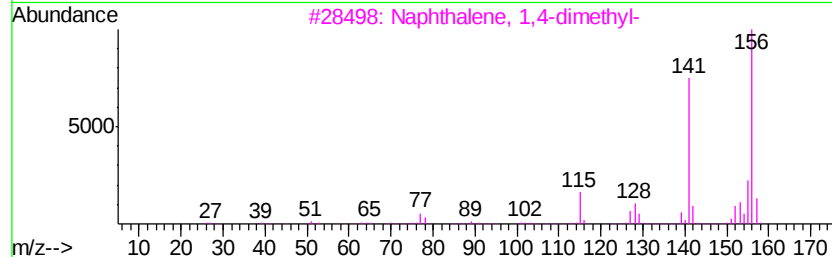
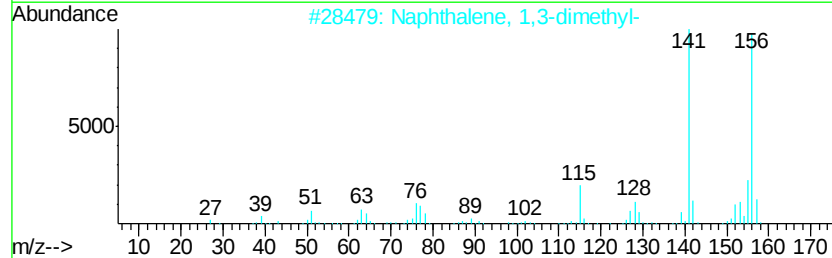
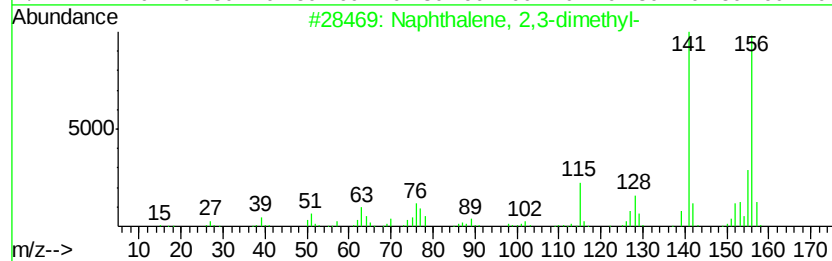
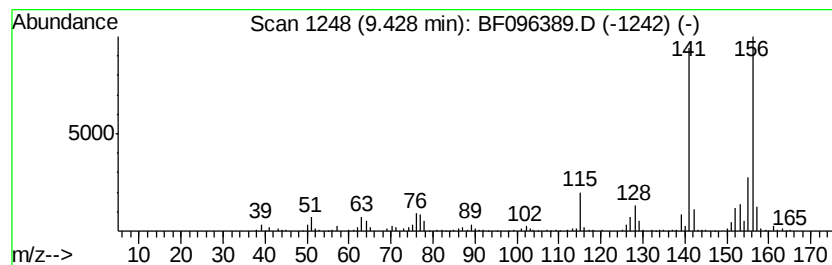
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.43	5.41 ng	308023	Acenaphthene-d10		9.76	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096389.D
Acq On : 1 Jul 2017 20:04
Operator : SJ/MA
Sample : I3908-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
G-61-1.5-3

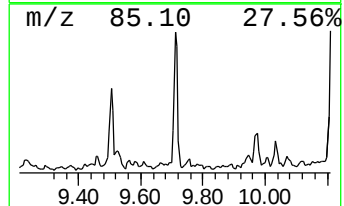
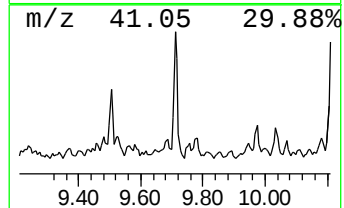
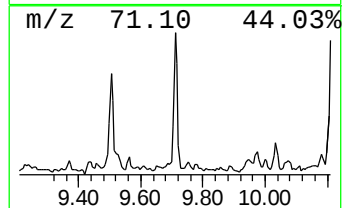
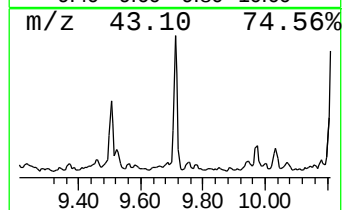
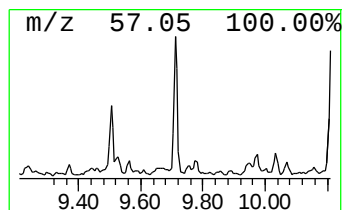
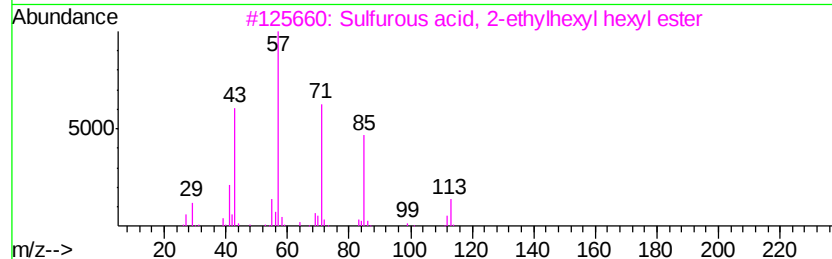
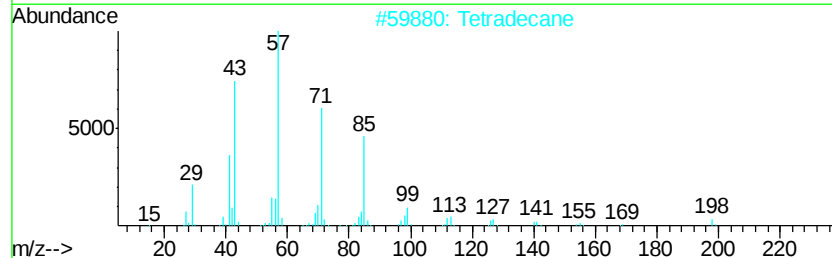
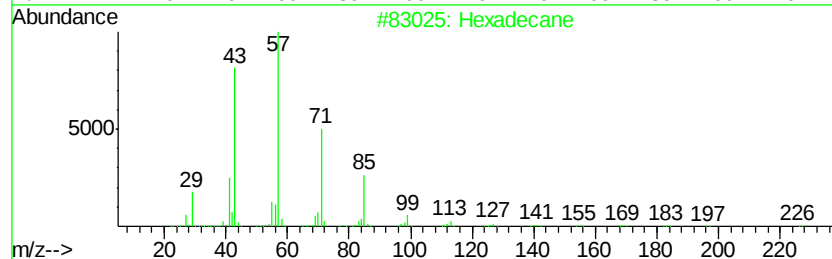
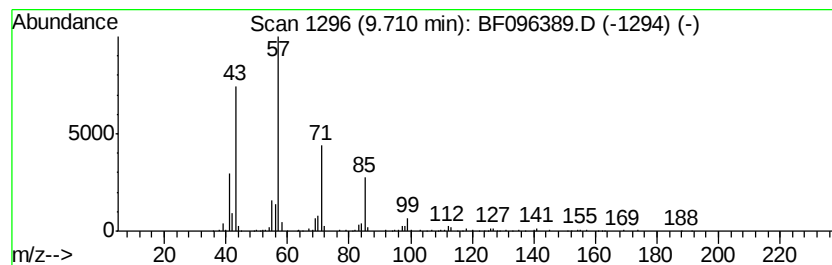
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	4.25 ng	242119	Acenaphthene-d10	9.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tetradecane		198	C14H30	000629-59-4	83
3	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	78
4	Decane, 3-bromo-		220	C10H21Br	030571-71-2	64
5	1-Iodo-2-methylnonane		268	C10H21I	1000101-47-9	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096389.D
Acq On : 1 Jul 2017 20:04
Operator : SJ/MA
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Misc :
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Instrument :
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ClientSampleId :
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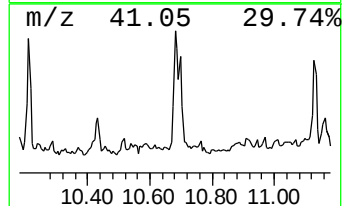
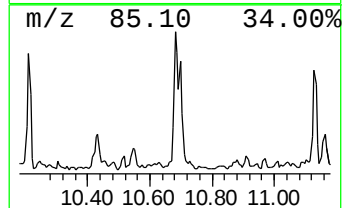
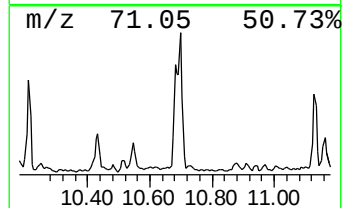
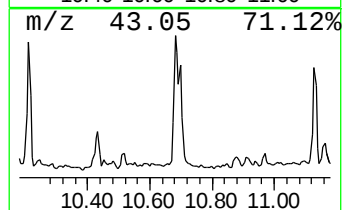
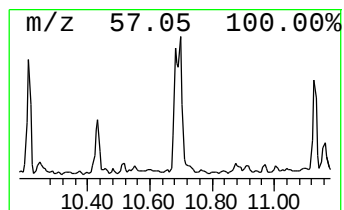
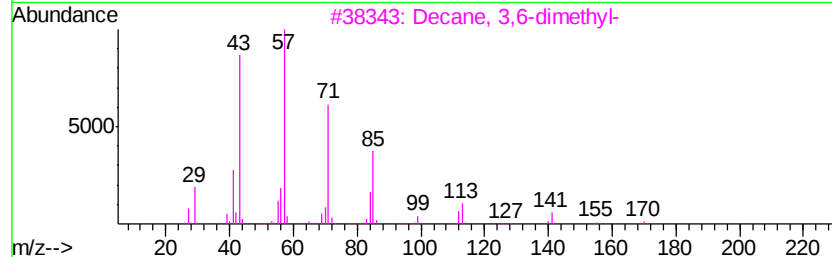
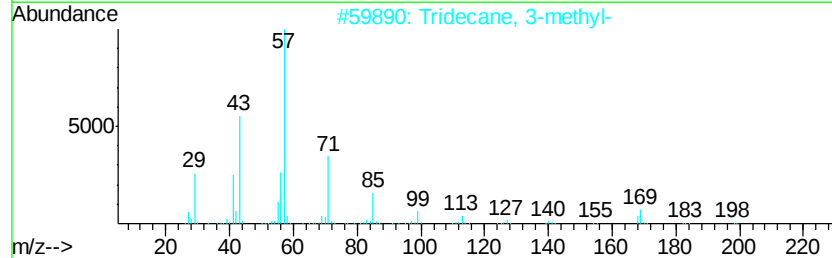
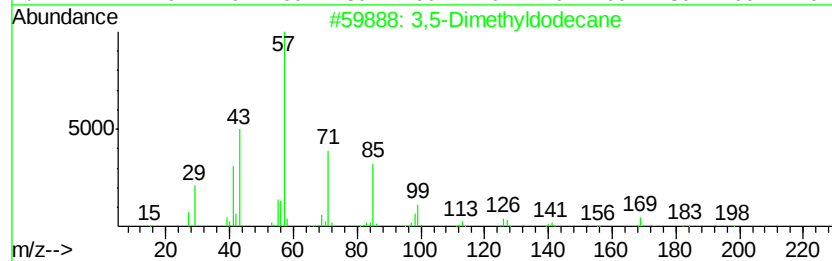
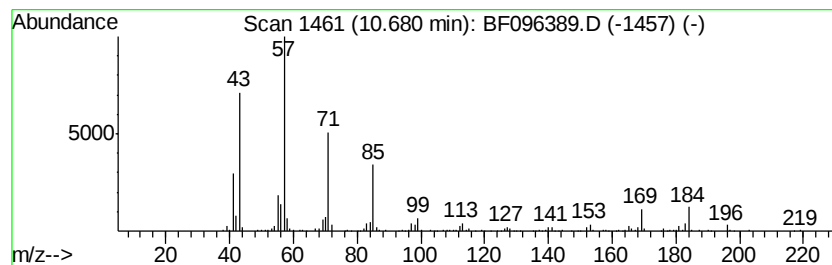
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 3,5-Dimethyldodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	9.11 ng	358833	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-Dimethyldodecane	198	C14H30	107770-99-0	74
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	70
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
4		Hexadecane	226	C16H34	000544-76-3	62
5		Pentadecane	212	C15H32	000629-62-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
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Sample : I3908-12
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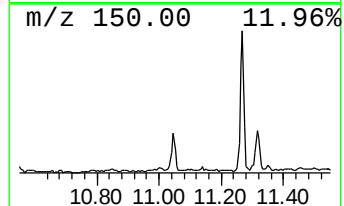
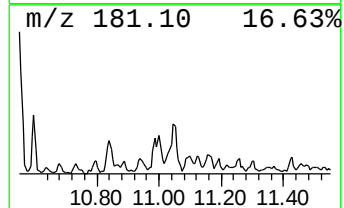
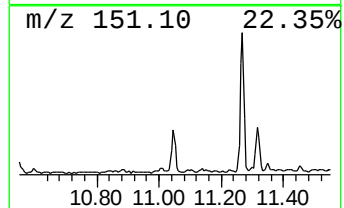
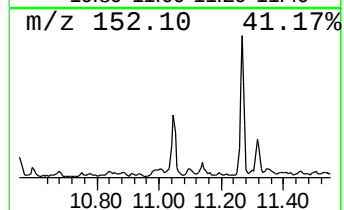
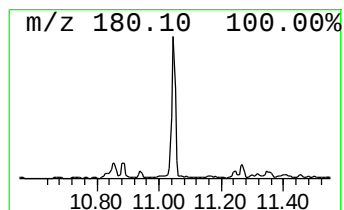
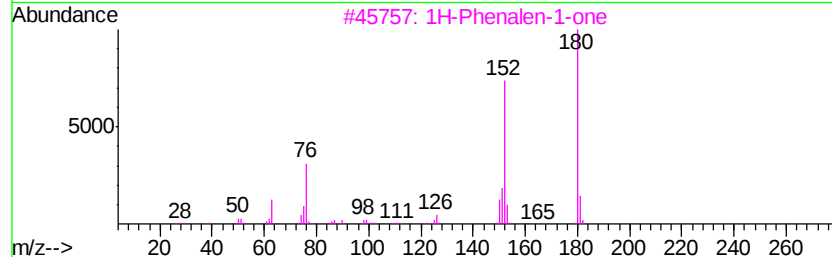
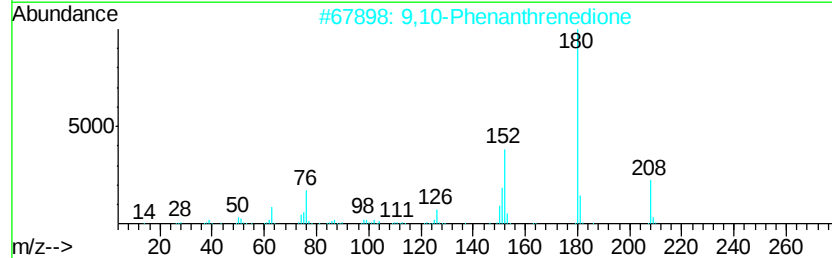
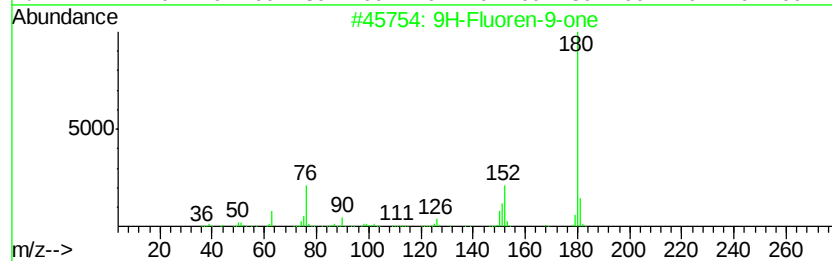
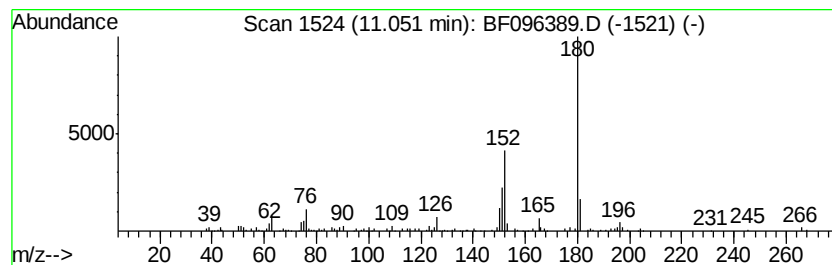
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.05	4.46 ng	175617	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	Diphenic anhydride	224	C14H8O3	006050-13-1	58
5	Phenazine	180	C12H8N2	000092-82-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096389.D
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Sample : I3908-12
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ALS Vial : 12 Sample Multiplier: 1

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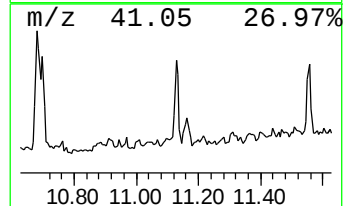
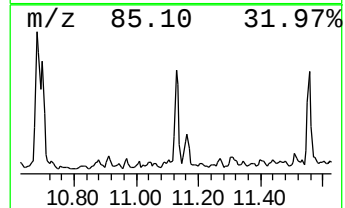
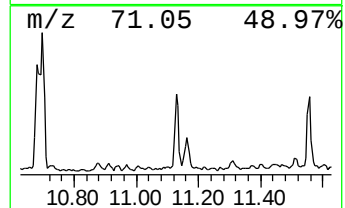
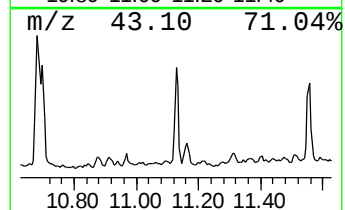
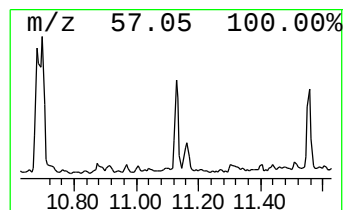
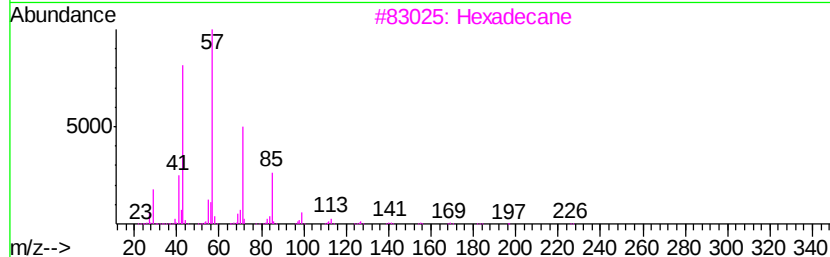
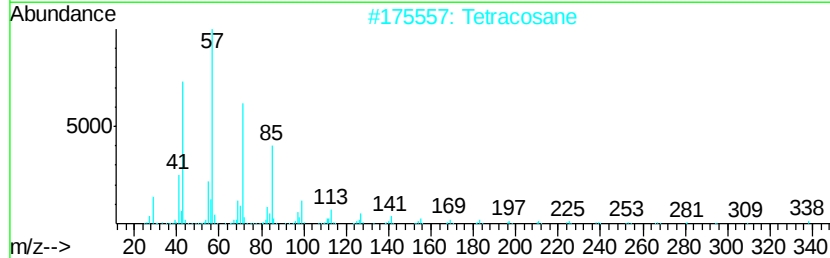
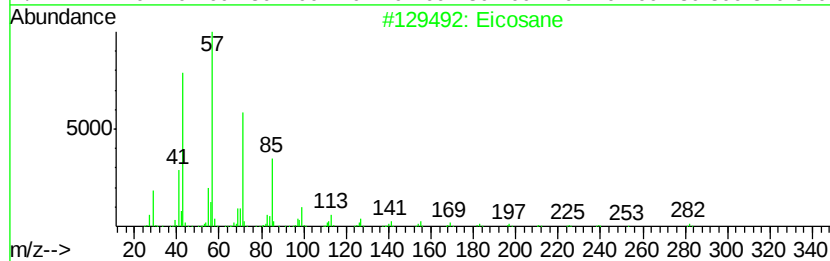
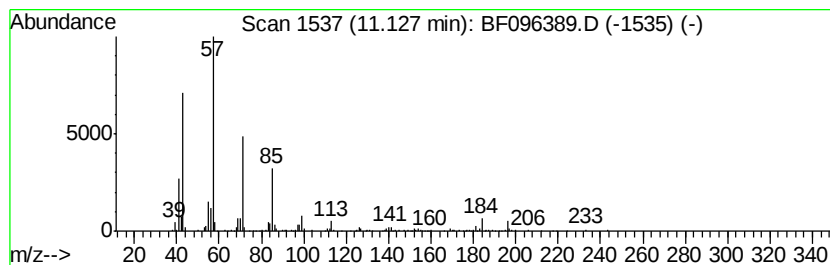
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	7.40 ng	291565	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	46
2		Tetracosane	338	C24H50	000646-31-1	46
3		Hexadecane	226	C16H34	000544-76-3	46
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	46
5		Heptacosane	380	C27H56	000593-49-7	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096389.D
Acq On : 1 Jul 2017 20:04
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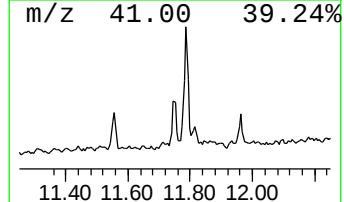
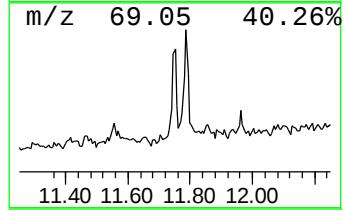
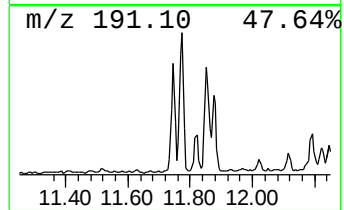
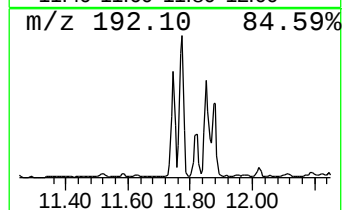
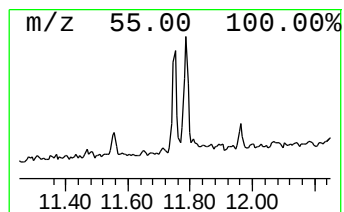
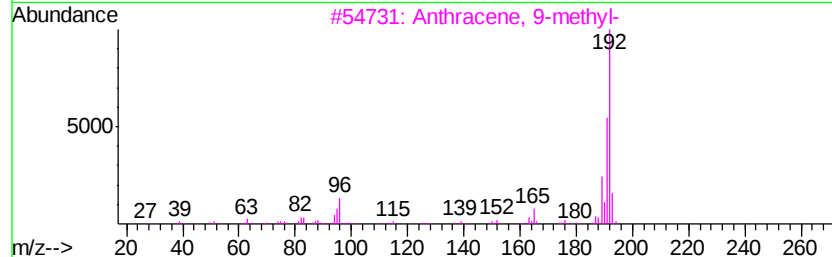
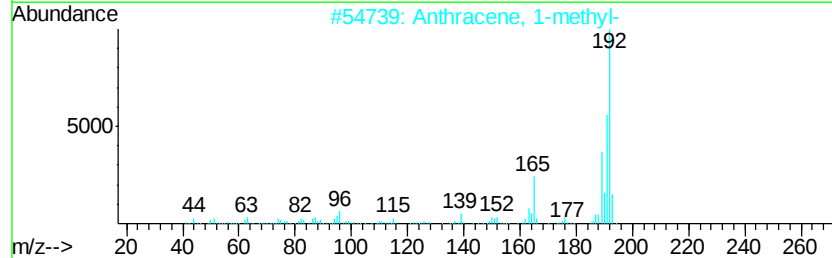
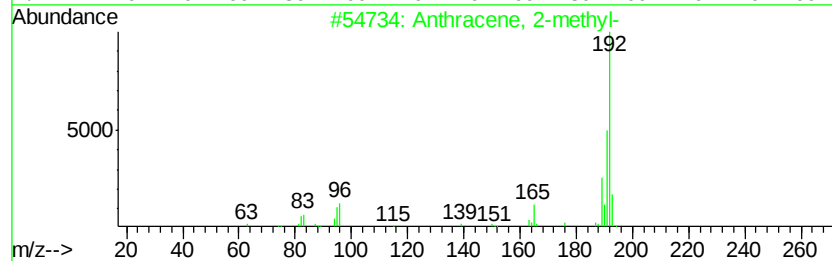
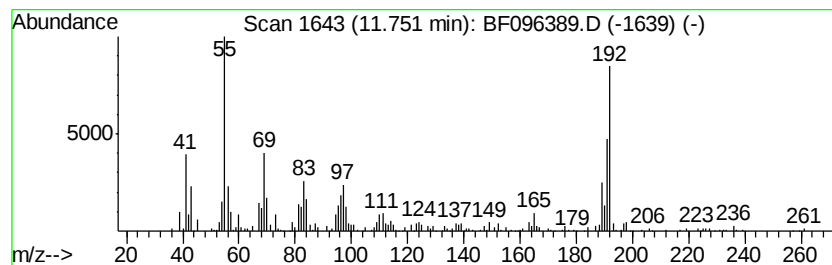
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	9.00 ng	354601	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096389.D
Acq On : 1 Jul 2017 20:04
Operator : SJ/MA
Sample : I3908-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-61-1.5-3

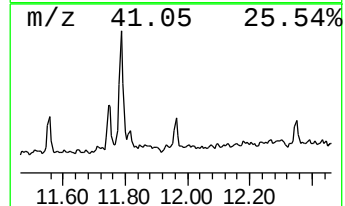
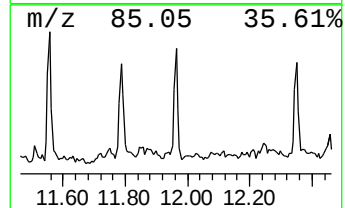
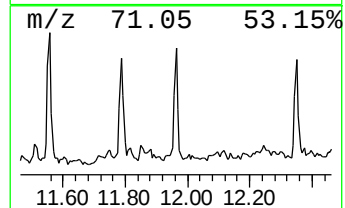
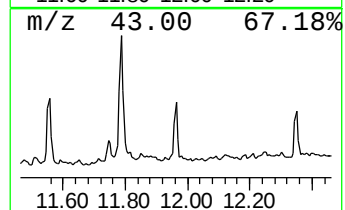
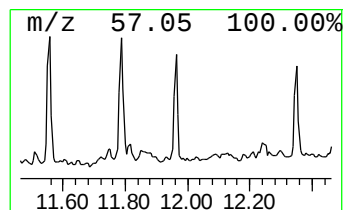
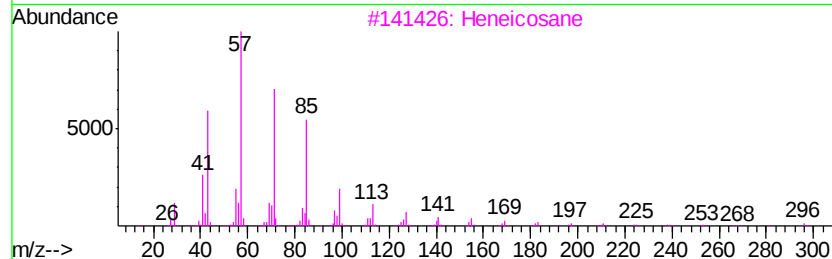
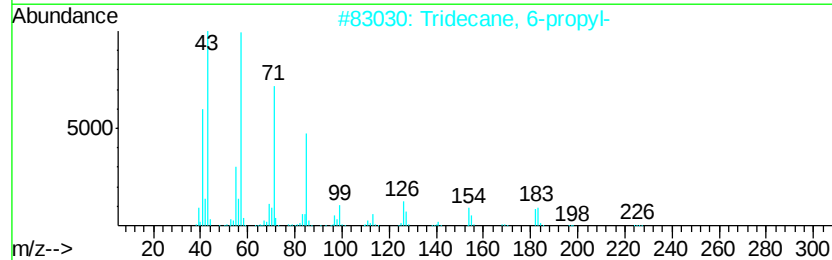
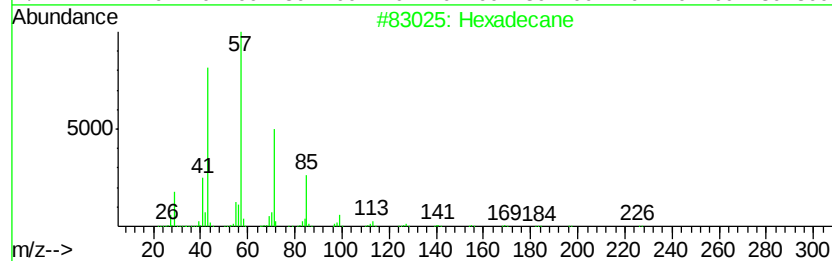
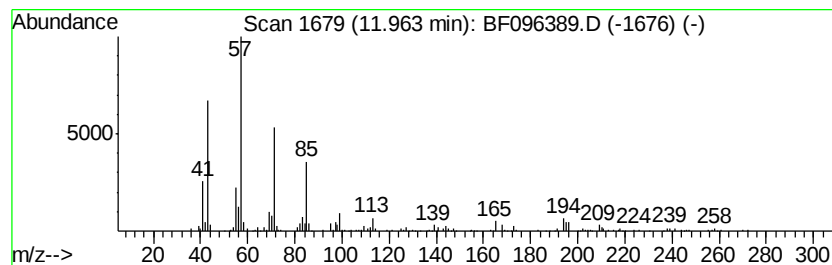
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.16 ng	203299	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3			Heneicosane	296	C21H44	000629-94-7	72
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5			Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096389.D
Acq On : 1 Jul 2017 20:04
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Misc :
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ClientSampleId :
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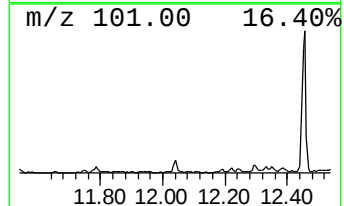
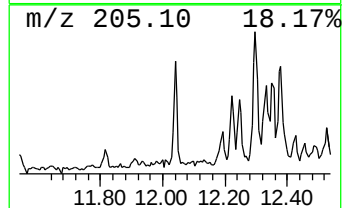
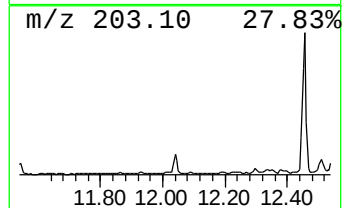
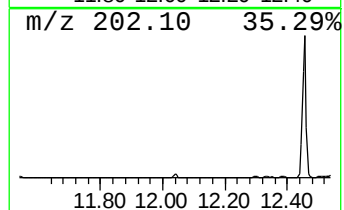
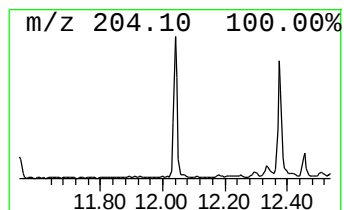
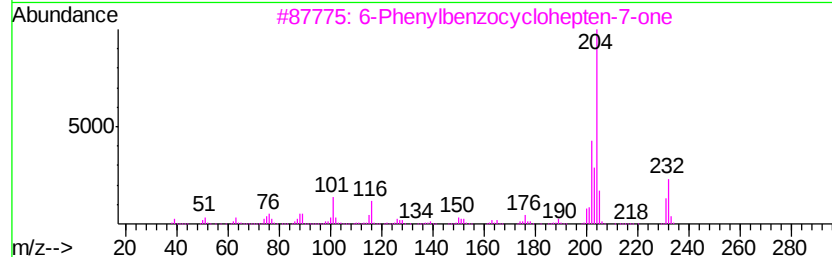
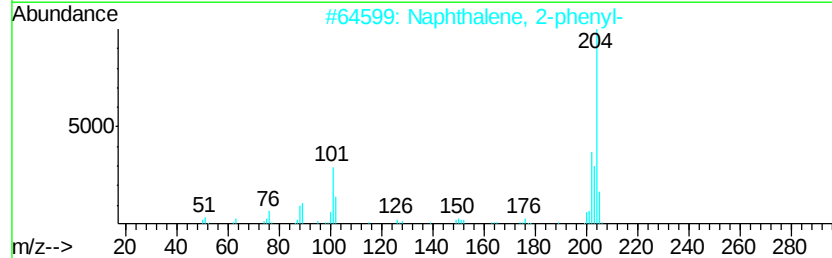
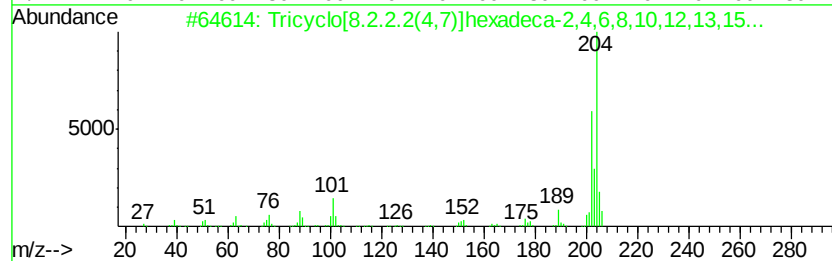
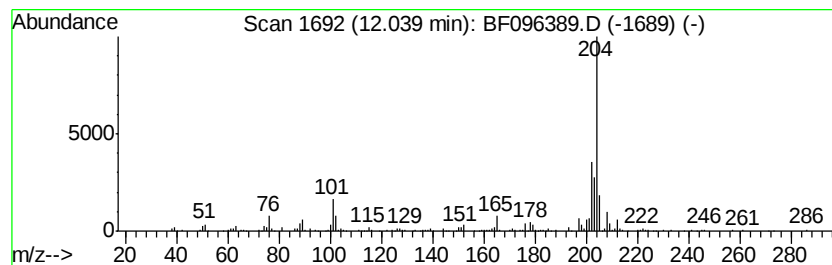
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.15 ng	163355	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	89
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
4			5,16[1',2']: ⁸ ,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
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Acq On : 1 Jul 2017 20:04
Operator : SJ/MA
Sample : I3908-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
G-61-1.5-3

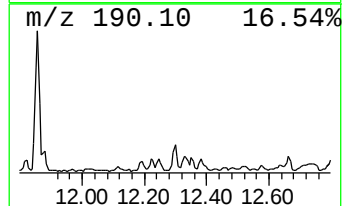
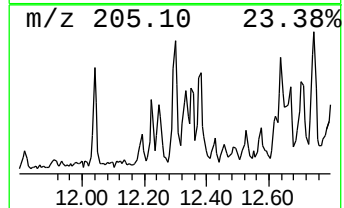
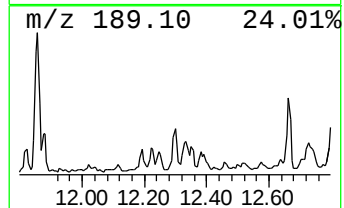
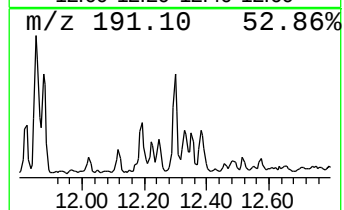
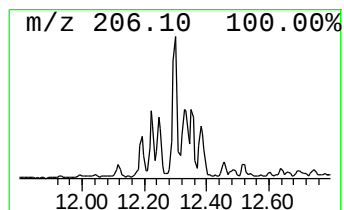
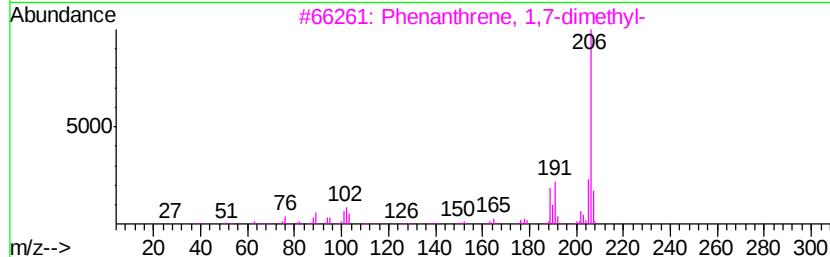
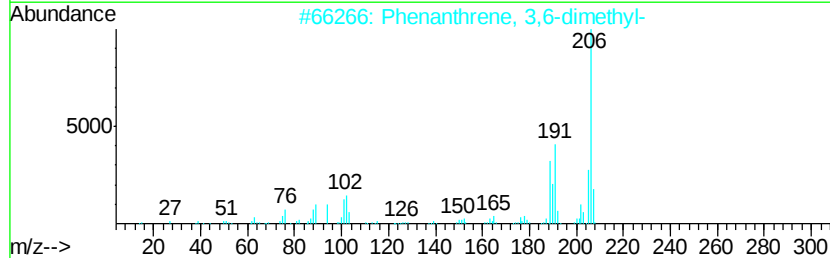
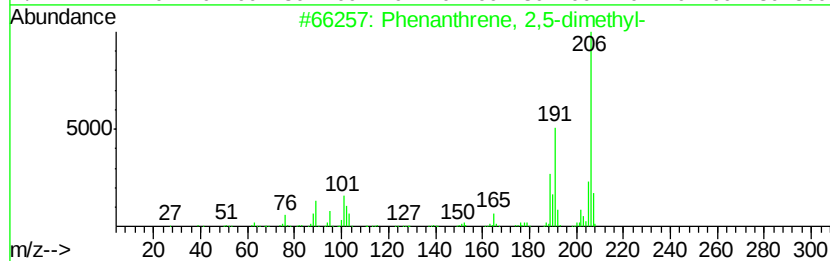
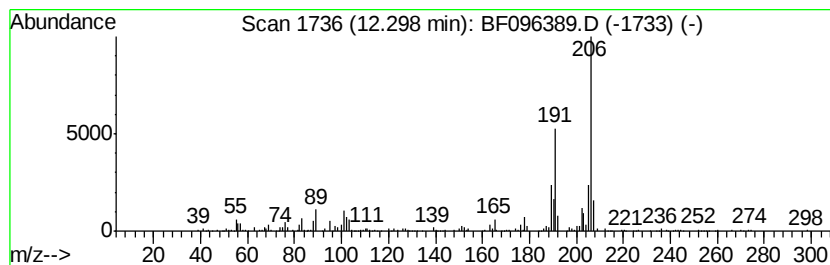
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	5.50 ng	216873	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096389.D
Acq On : 1 Jul 2017 20:04
Operator : SJ/MA
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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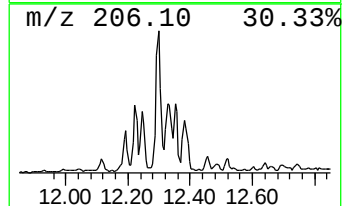
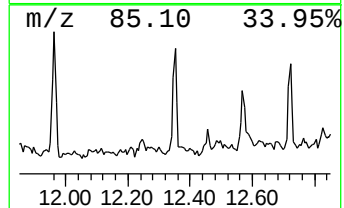
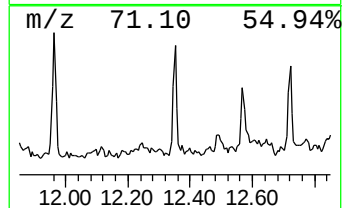
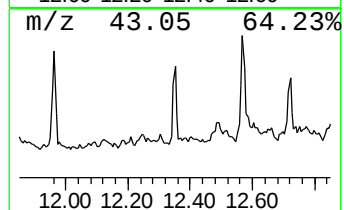
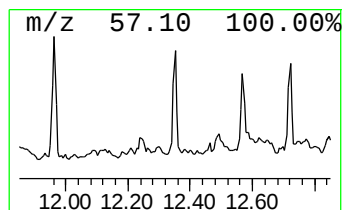
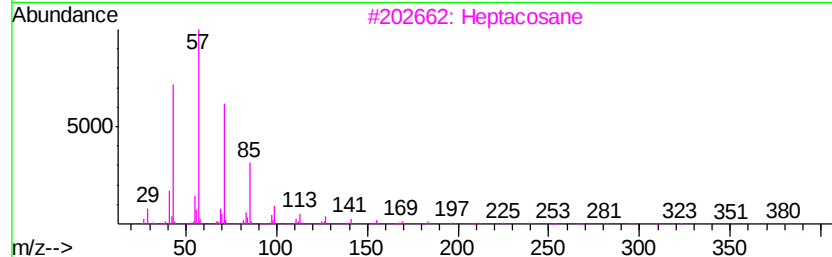
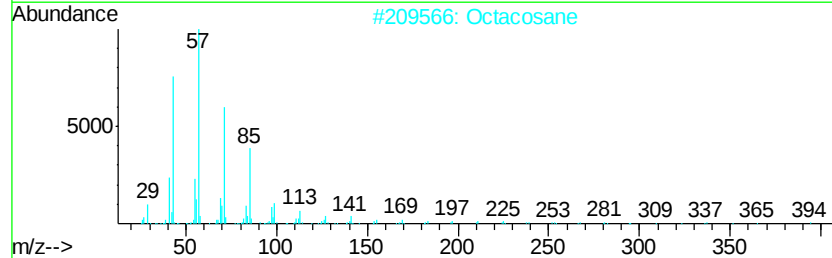
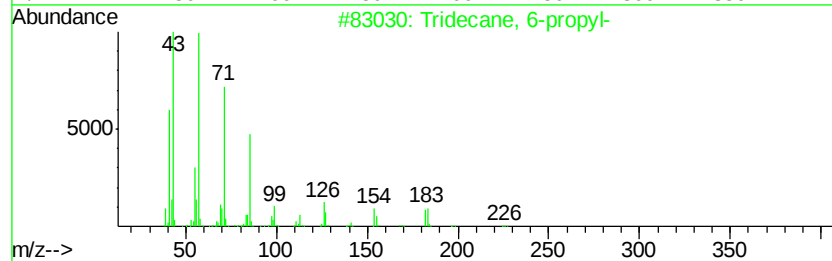
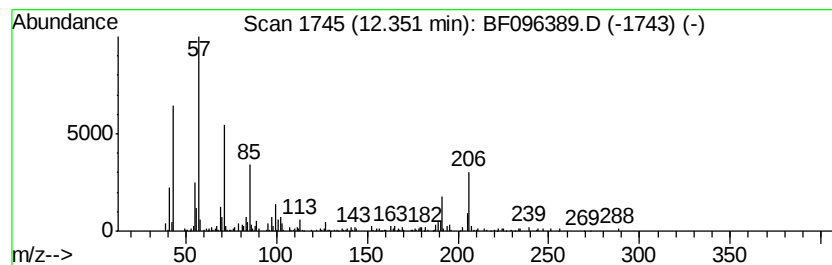
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.06 ng	159991	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
2			Octacosane	394	C28H58	000630-02-4	64
3			Heptacosane	380	C27H56	000593-49-7	58
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
5			Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096389.D
Acq On : 1 Jul 2017 20:04
Operator : SJ/MA
Sample : I3908-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
G-61-1.5-3

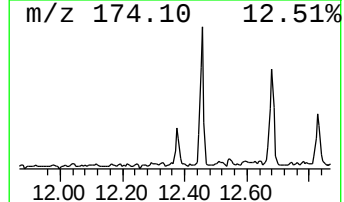
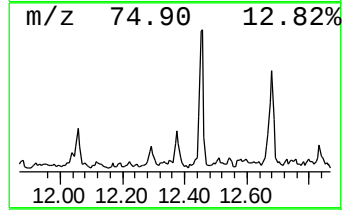
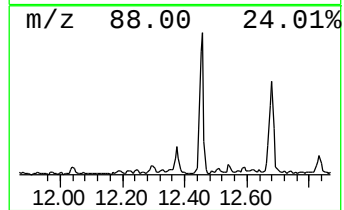
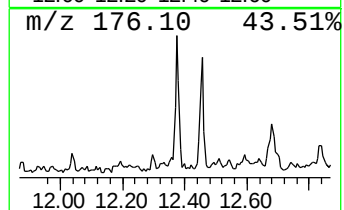
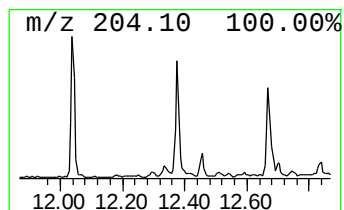
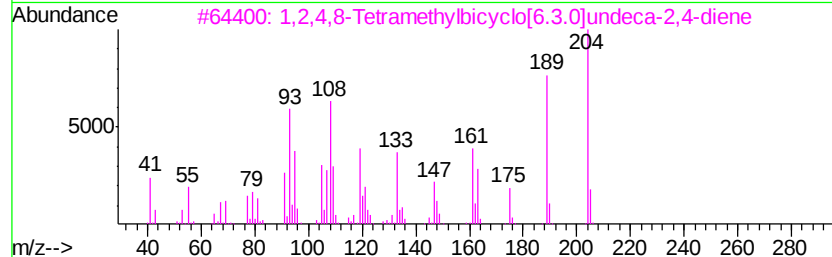
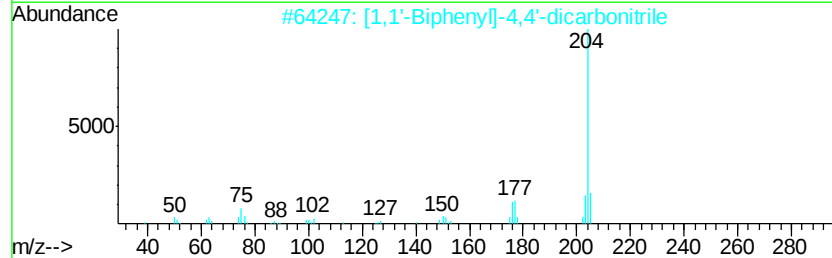
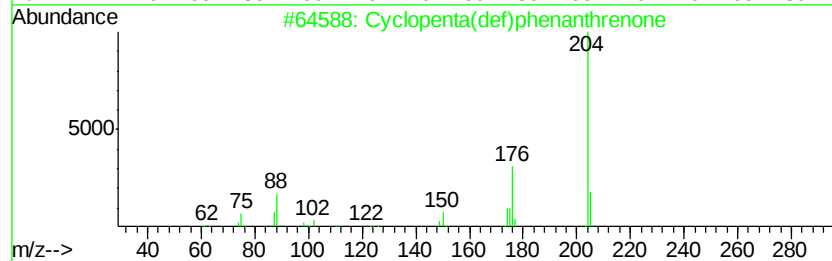
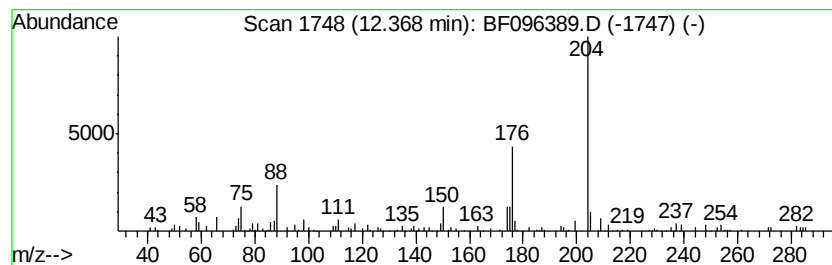
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	5.13 ng	202240	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	49
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	47
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
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Misc :
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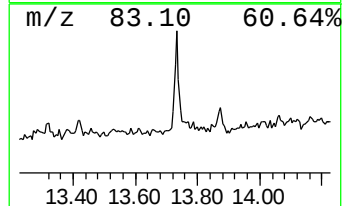
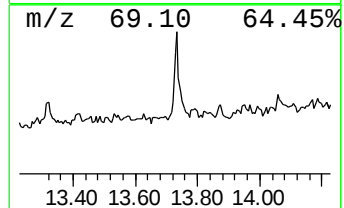
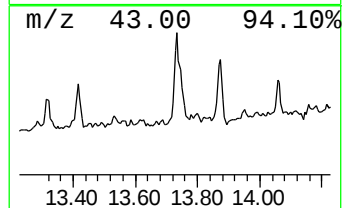
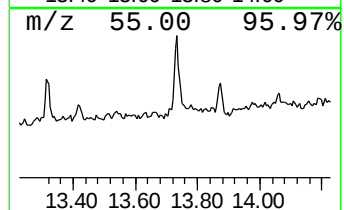
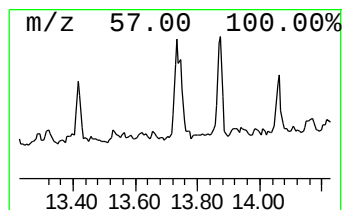
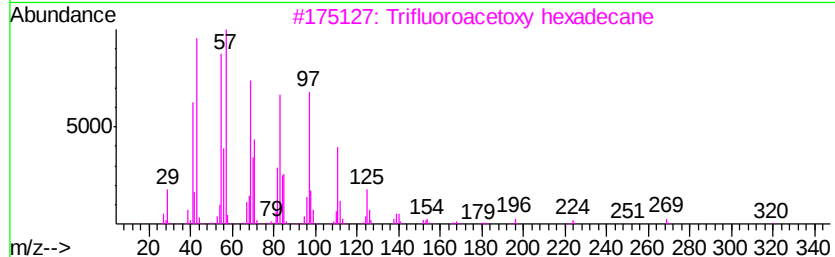
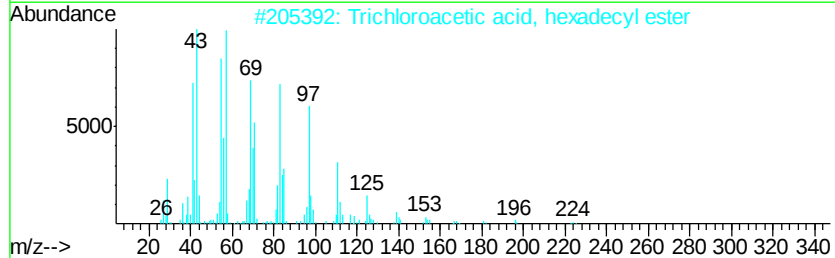
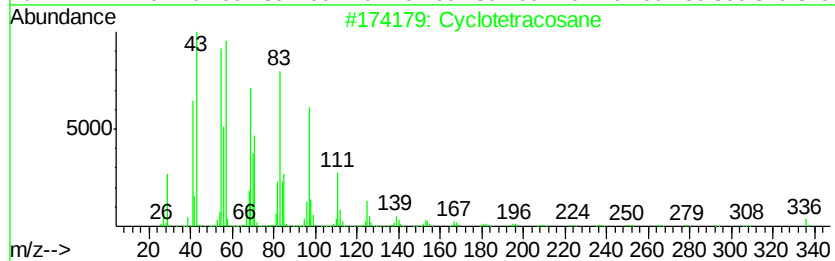
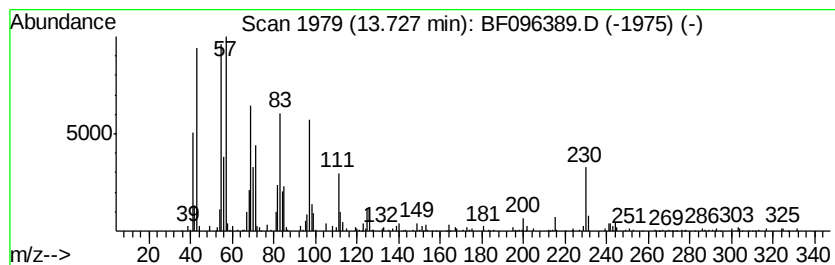
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Cyclotetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.73	5.01 ng	492301	Chrysene-d12	13.87		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetracosane	336	C24H48	000297-03-0	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
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Acq On : 1 Jul 2017 20:04
Operator : SJ/MA
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
G-61-1.5-3

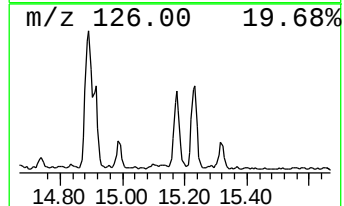
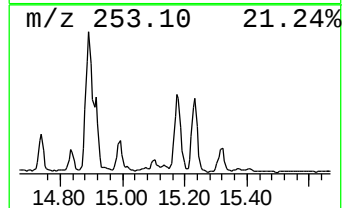
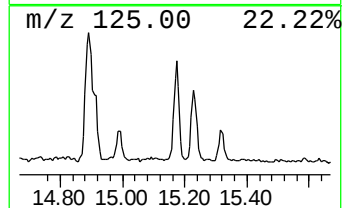
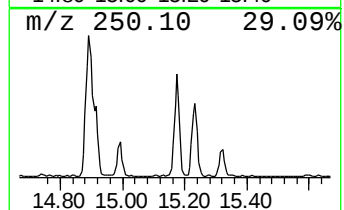
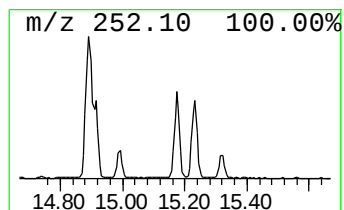
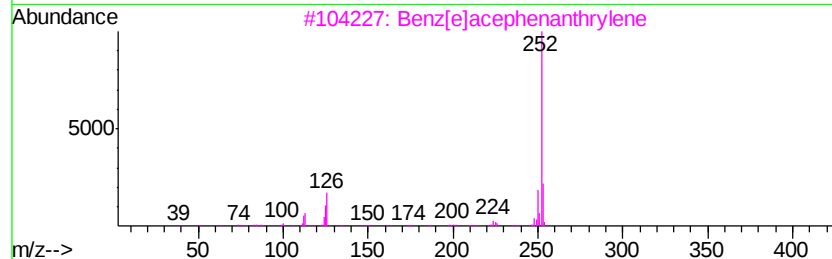
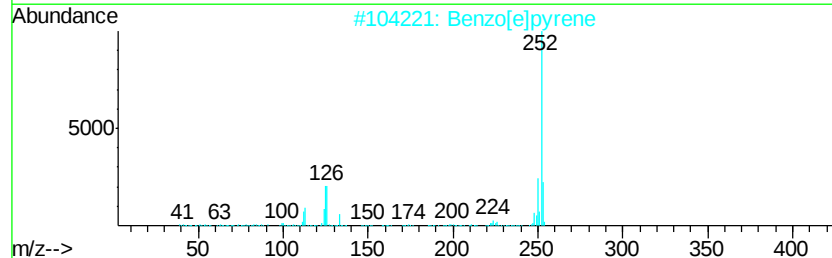
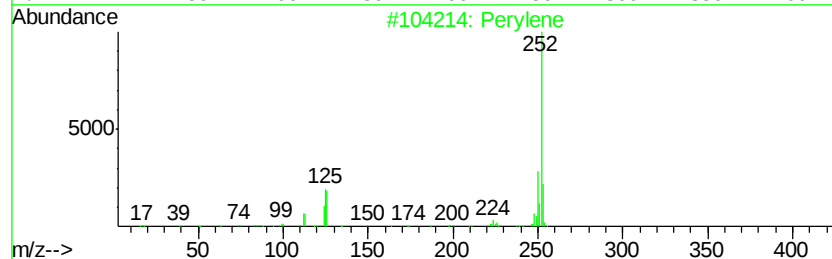
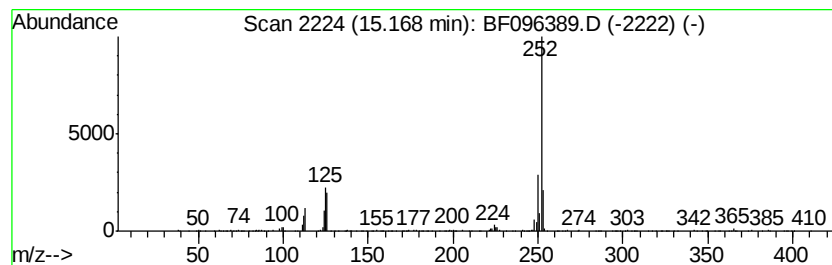
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	22.81 ng	656886	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
 Data File : BF096389.D
 Acq On : 1 Jul 2017 20:04
 Operator : SJ/MA
 Sample : I3908-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-61-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.92	11.0	ng	522736	1	6.73	950574	20.0
unknown6.50	6.50	65.3	ng	3105530	1	6.73	950574	20.0
Naphthalene, 1-me...	8.82	4.6	ng	329260	2	8.02	1431230	20.0
Naphthalene, 2,6-...	9.35	4.0	ng	224783	3	9.76	1138690	20.0
Naphthalene, 2,3-...	9.43	5.4	ng	308023	3	9.76	1138690	20.0
Hexadecane	9.71	4.3	ng	242119	3	9.76	1138690	20.0
3,5-Dimethyldodecane	10.68	9.1	ng	358833	4	11.24	788068	20.0
9H-Fluoren-9-one	11.05	4.5	ng	175617	4	11.24	788068	20.0
Eicosane	11.13	7.4	ng	291565	4	11.24	788068	20.0
Anthracene, 2-met...	11.75	9.0	ng	354601	4	11.24	788068	20.0
Tetracosane	11.96	5.2	ng	203299	4	11.24	788068	20.0
Tricyclo[8.2.2.2(...	12.04	4.2	ng	163355	4	11.24	788068	20.0
Phenanthrene, 2,5...	12.30	5.5	ng	216873	4	11.24	788068	20.0
Tridecane, 6-propyl-	12.35	4.1	ng	159991	4	11.24	788068	20.0
Cyclopenta(def)ph...	12.37	5.1	ng	202240	4	11.24	788068	20.0
Cyclotetracosane	13.73	5.0	ng	492301	5	13.87	1964660	20.0
Perylene	15.17	22.8	ng	656886	6	15.29	575925	20.0