

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096529.D
 Acq On : 6 Jul 2017 13:26
 Operator : SJ/MA
 Sample : I4053-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-070317-B

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	4.904	475	479	487	rVB	275141	391348	14.02%	0.942%
2	5.328	546	551	554	rBV	2719779	2727787	97.75%	6.567%
3	6.351	720	725	730	rVB	2414397	2790627	100.00%	6.718%
4	6.487	743	748	751	rBV	2596645	2685947	96.25%	6.466%
5	6.710	783	786	790	rBV	875098	746476	26.75%	1.797%
6	6.869	809	813	817	rBV	2225727	2002072	71.74%	4.820%
7	7.275	876	882	885	rBV	1798599	1685632	60.40%	4.058%
8	7.375	894	899	905	rVB2	41073	47874	1.72%	0.115%
9	7.992	1000	1004	1007	rBV	1156941	1063029	38.09%	2.559%
10	8.016	1007	1008	1011	rVB	151124	73881	2.65%	0.178%
11	8.710	1120	1126	1130	rVB	221934	199115	7.14%	0.479%
12	8.804	1138	1142	1146	rBV	341591	305484	10.95%	0.735%
13	9.075	1183	1188	1191	rBV	3091760	2790034	99.98%	6.717%
14	9.169	1198	1204	1207	rBV	72315	68782	2.46%	0.166%
15	9.269	1218	1221	1226	rVB	57902	72954	2.61%	0.176%
16	9.334	1228	1232	1236	rBV	183532	248284	8.90%	0.598%
17	9.410	1241	1245	1247	rBV	364822	337314	12.09%	0.812%
18	9.434	1247	1249	1252	rVB	193760	144569	5.18%	0.348%
19	9.469	1252	1255	1260	rVB	608548	576391	20.65%	1.388%
20	9.528	1260	1265	1266	rBV	140303	134582	4.82%	0.324%
21	9.604	1274	1278	1284	rBV	301514	285512	10.23%	0.687%
22	9.751	1297	1303	1305	rBV	1045573	1036282	37.13%	2.495%
23	9.781	1305	1308	1312	rVB	237464	199756	7.16%	0.481%
24	9.857	1317	1321	1325	rBV2	67249	92530	3.32%	0.223%
25	9.951	1331	1337	1341	rVV	225703	241230	8.64%	0.581%
26	9.992	1341	1344	1347	rVB	142849	110762	3.97%	0.267%
27	10.069	1352	1357	1359	rBV2	130228	176348	6.32%	0.425%
28	10.092	1359	1361	1367	rVB	95434	86747	3.11%	0.209%
29	10.157	1367	1372	1374	rBV3	91859	143938	5.16%	0.347%
30	10.198	1377	1379	1382	rVB2	119364	95472	3.42%	0.230%
31	10.251	1382	1388	1389	rBV3	52058	69821	2.50%	0.168%
32	10.292	1392	1395	1402	rVB	461426	442681	15.86%	1.066%
33	10.357	1402	1406	1408	rBV2	70194	79824	2.86%	0.192%
34	10.410	1412	1415	1419	rBV4	59006	82194	2.95%	0.198%

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35	10.451	1419	1422	1425	rBV	71102	70683	2.53%	0.170%
36	10.533	1431	1436	1440	rBV	1350221	1316905	47.19%	3.170%
37	10.663	1449	1458	1461	rBV2	181238	246507	8.83%	0.593%
38	10.839	1484	1488	1491	rBV	153742	207161	7.42%	0.499%
39	10.869	1491	1493	1496	rVV	139012	125901	4.51%	0.303%
40	10.922	1500	1502	1506	rVB	124272	110490	3.96%	0.266%
41	10.992	1512	1514	1517	rVB2	62491	53527	1.92%	0.129%
42	11.039	1519	1522	1527	rVB3	51169	56716	2.03%	0.137%
43	11.080	1527	1529	1532	rBV3	38780	42951	1.54%	0.103%
44	11.122	1532	1536	1539	rVV2	141573	198005	7.10%	0.477%
45	11.228	1551	1554	1556	rBV	832330	780224	27.96%	1.878%
46	11.251	1556	1558	1562	rVB	995695	902014	32.32%	2.171%
47	11.304	1562	1567	1570	rVB	348248	297909	10.68%	0.717%
48	11.345	1570	1574	1576	rBV3	78205	103430	3.71%	0.249%
49	11.457	1591	1593	1597	rBV2	38597	50113	1.80%	0.121%
50	11.539	1602	1607	1609	rVV2	60891	91754	3.29%	0.221%
51	11.563	1609	1611	1613	rVB	84356	66864	2.40%	0.161%
52	11.639	1621	1624	1629	rVB	77028	89768	3.22%	0.216%
53	11.733	1636	1640	1642	rBV	300873	272384	9.76%	0.656%
54	11.757	1642	1644	1649	rVB	357610	328598	11.78%	0.791%
55	11.804	1649	1652	1655	rBV	162577	149853	5.37%	0.361%
56	11.839	1655	1658	1661	rVV	462796	525803	18.84%	1.266%
57	11.863	1661	1662	1669	rVB	263329	202293	7.25%	0.487%
58	11.927	1669	1673	1674	rBV3	31228	43244	1.55%	0.104%
59	12.027	1687	1690	1692	rBV	93341	82154	2.94%	0.198%
60	12.175	1713	1715	1718	rVV	70189	65409	2.34%	0.157%
61	12.210	1718	1721	1723	rVV	78767	84283	3.02%	0.203%
62	12.227	1723	1724	1727	rVB2	69995	55350	1.98%	0.133%
63	12.280	1730	1733	1736	rVV	216156	241312	8.65%	0.581%
64	12.316	1736	1739	1741	rVV2	152928	190999	6.84%	0.460%
65	12.339	1741	1743	1745	rVV	116150	93209	3.34%	0.224%
66	12.363	1745	1747	1752	rVV4	88979	145479	5.21%	0.350%
67	12.439	1757	1760	1764	rBV	961526	873752	31.31%	2.103%
68	12.492	1766	1769	1770	rBV	43373	44072	1.58%	0.106%
69	12.533	1774	1776	1778	rBV	70605	59101	2.12%	0.142%
70	12.563	1778	1781	1784	rBV2	94967	81574	2.92%	0.196%
71	12.669	1793	1799	1802	rBV	1110833	1128266	40.43%	2.716%

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72	12.786	1817	1819	1821	rVV	84973	86593	3.10%	0.208%
73	12.816	1821	1824	1831	rVV	1753377	1779086	63.75%	4.283%
74	12.886	1833	1836	1840	rVV2	137931	189489	6.79%	0.456%
75	12.945	1844	1846	1848	rVV2	48231	49900	1.79%	0.120%
76	12.974	1848	1851	1852	rVV3	122772	132054	4.73%	0.318%
77	12.998	1852	1855	1858	rVB2	293558	287923	10.32%	0.693%
78	13.063	1863	1866	1869	rVB	277553	234426	8.40%	0.564%
79	13.098	1869	1872	1875	rBV2	179494	184258	6.60%	0.444%
80	13.192	1885	1888	1891	rVB	139877	118305	4.24%	0.285%
81	13.222	1891	1893	1896	rBV	156770	131879	4.73%	0.317%
82	13.404	1921	1924	1929	rBV2	110559	141502	5.07%	0.341%
83	13.663	1966	1968	1974	rVV2	73637	75891	2.72%	0.183%
84	13.721	1976	1978	1986	rVB5	162407	233781	8.38%	0.563%
85	13.863	1997	2002	2005	rBV2	860247	1252481	44.88%	3.015%
86	13.892	2005	2007	2010	rVB	461202	360139	12.91%	0.867%
87	13.969	2018	2020	2023	rVB	149595	122655	4.40%	0.295%
88	14.004	2024	2026	2028	rBV	75089	60084	2.15%	0.145%
89	14.051	2031	2034	2036	rVB	99899	93730	3.36%	0.226%
90	14.251	2066	2068	2071	rVB	174706	138260	4.95%	0.333%
91	14.351	2082	2085	2087	rBV3	123964	149060	5.34%	0.359%
92	14.651	2134	2136	2142	rVB2	127182	174144	6.24%	0.419%
93	14.880	2171	2175	2184	rVB	575179	1034034	37.05%	2.489%
94	14.980	2189	2192	2196	rVB2	211870	250017	8.96%	0.602%
95	15.163	2220	2223	2229	rVB	364176	426341	15.28%	1.026%
96	15.221	2229	2233	2239	rBV	587833	739897	26.51%	1.781%
97	15.280	2239	2243	2246	rBV	406918	506678	18.16%	1.220%
98	15.310	2246	2248	2250	rBV	135645	116337	4.17%	0.280%
99	16.651	2472	2476	2480	rVB2	265771	425382	15.24%	1.024%
100	17.062	2541	2546	2551	rVB	170438	331532	11.88%	0.798%

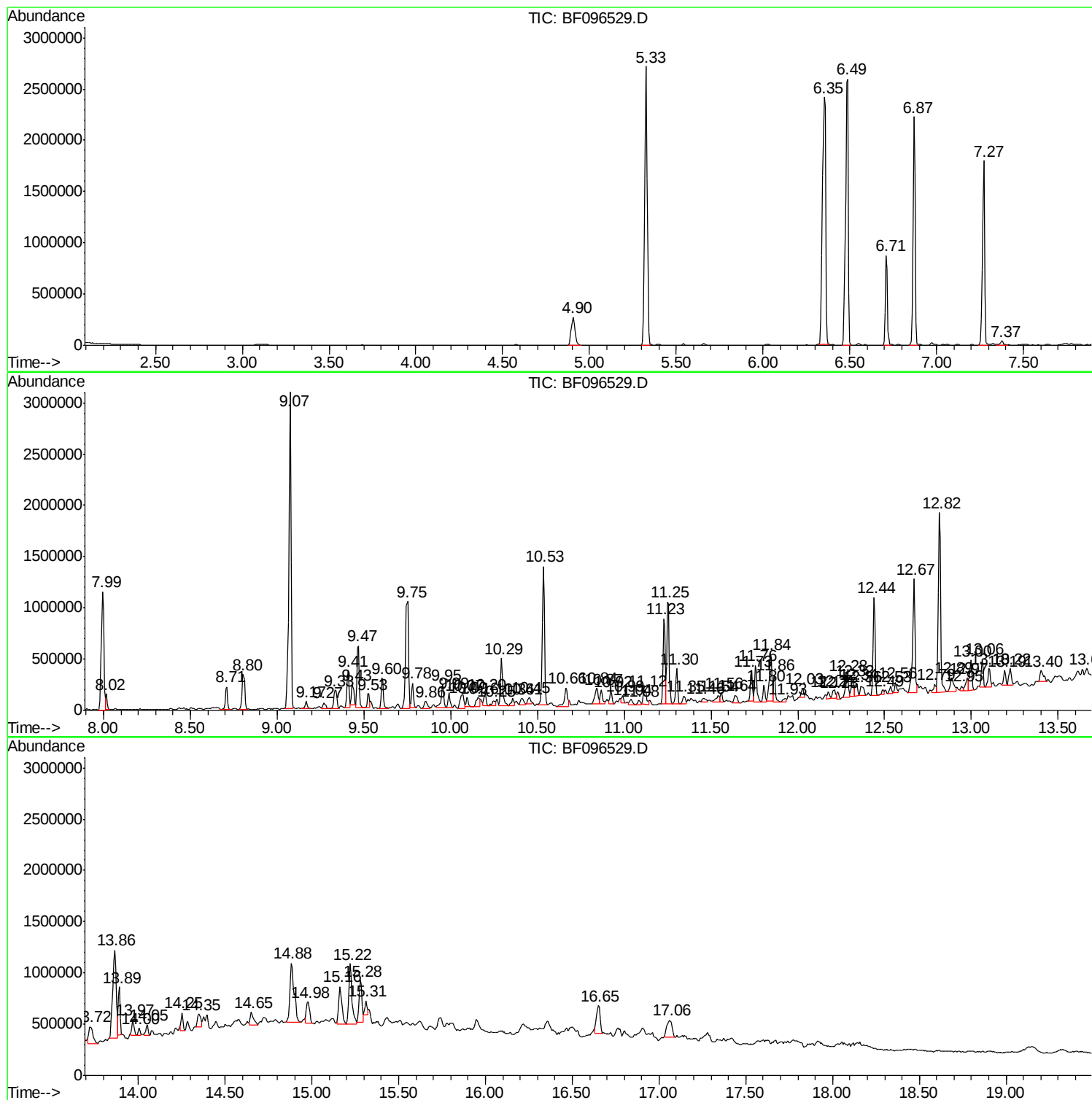
Sum of corrected areas: 41539194

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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



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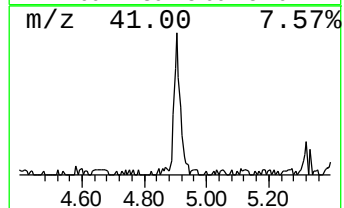
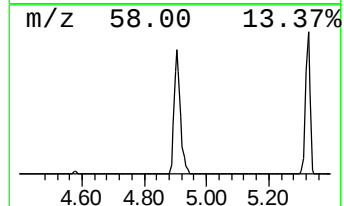
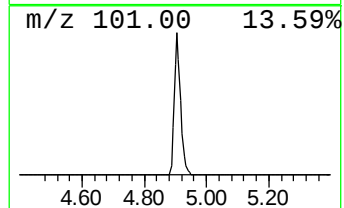
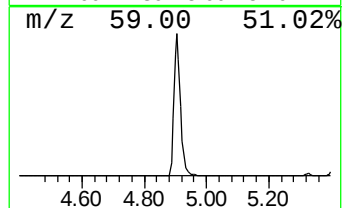
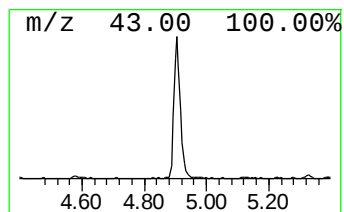
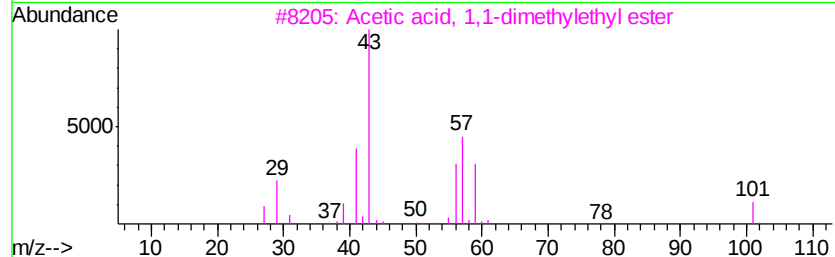
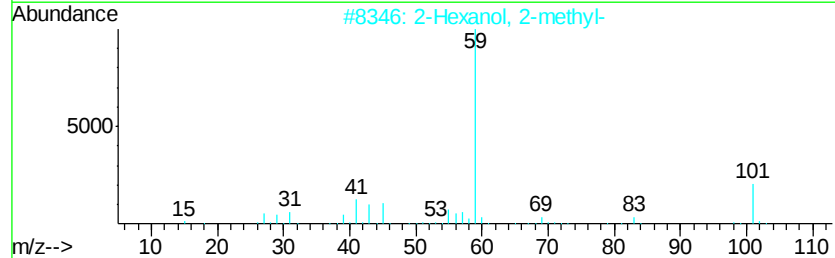
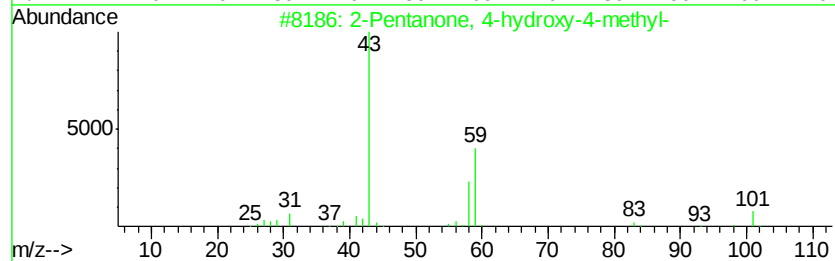
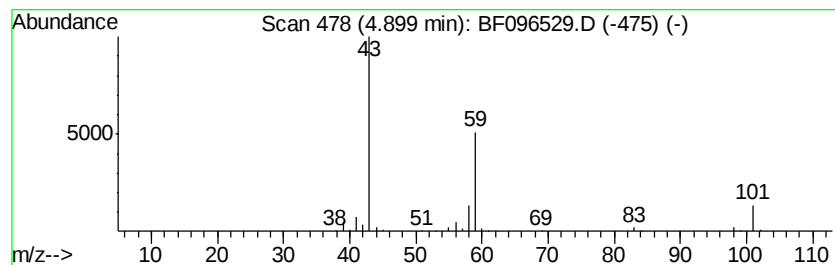
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	10.49 ng	391348	1,4-Dichlorobenzene-d4	6.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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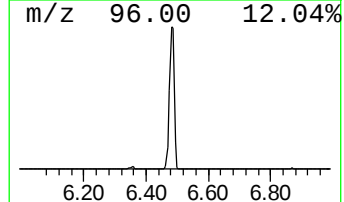
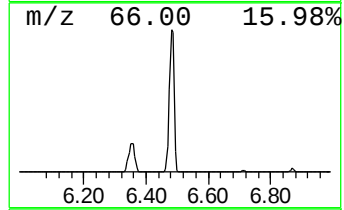
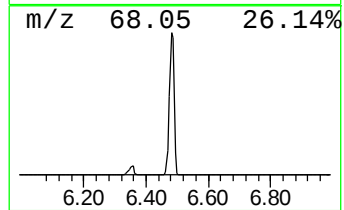
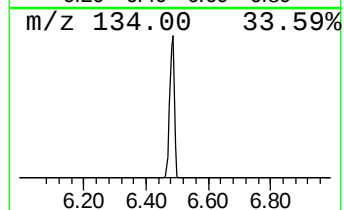
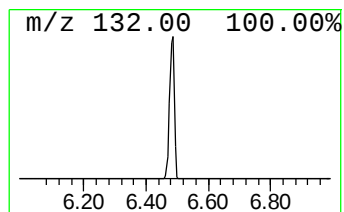
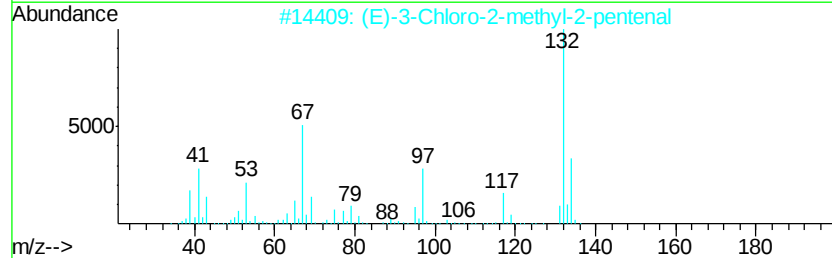
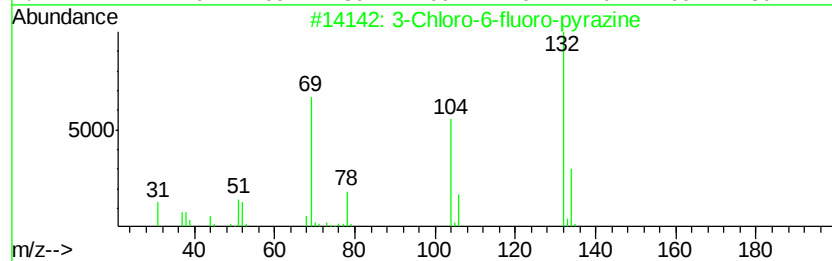
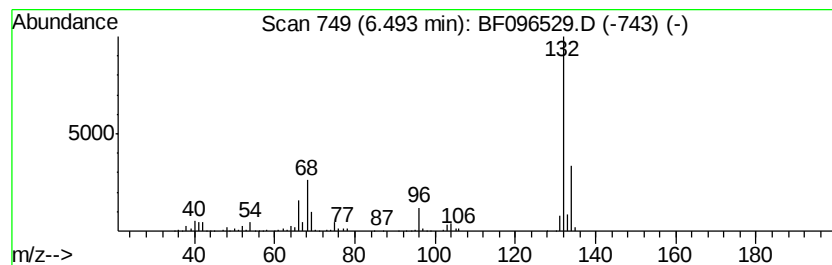
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	71.96 ng	2685950	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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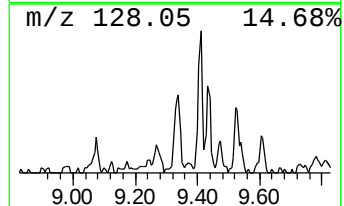
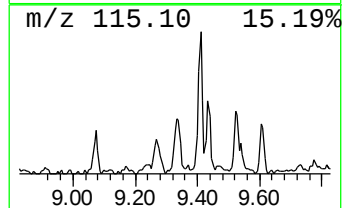
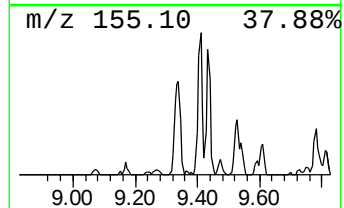
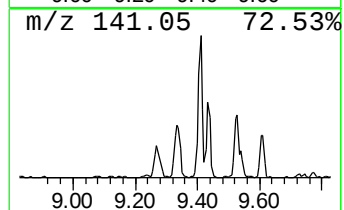
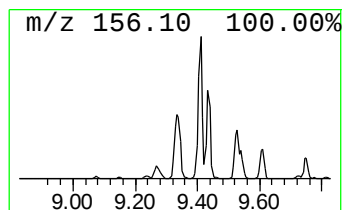
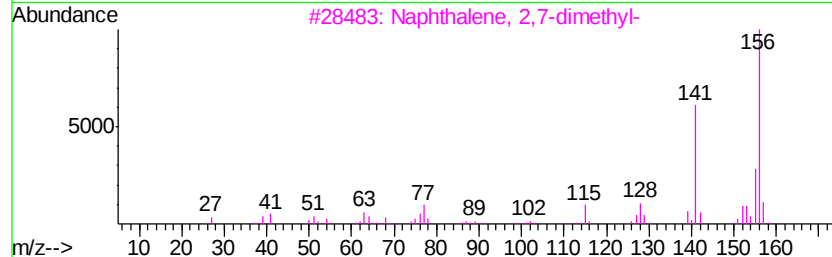
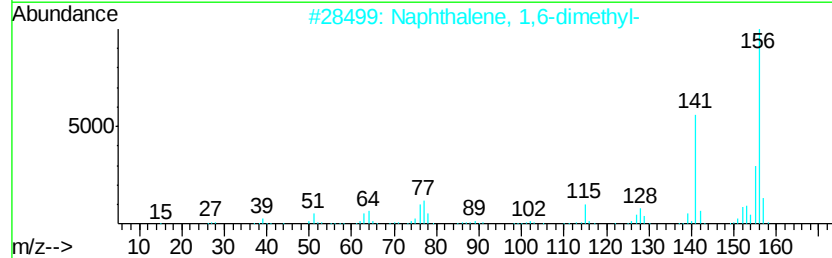
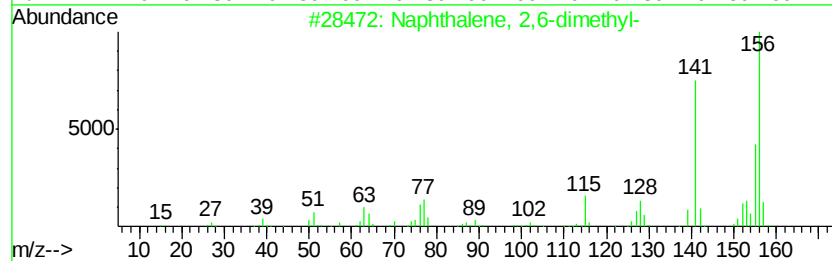
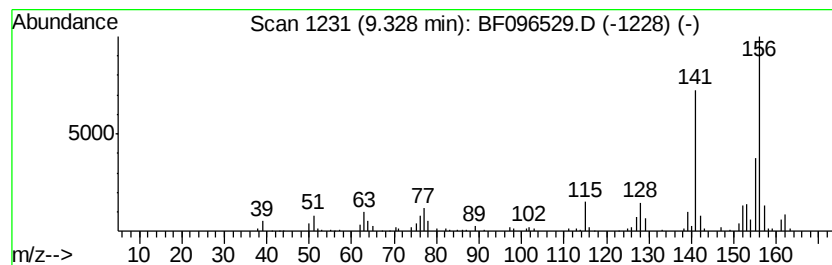
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	4.79 ng	248284	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096529.D
Acq On : 6 Jul 2017 13:26
Operator : SJ/MA
Sample : I4053-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
CL-02-070317-B

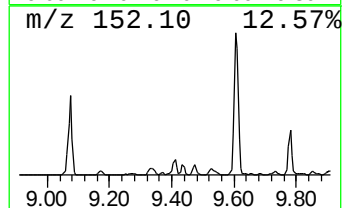
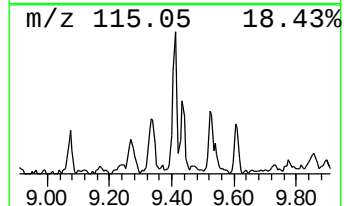
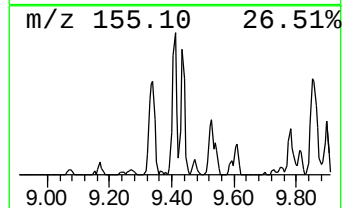
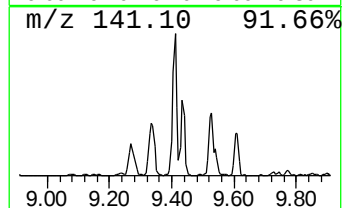
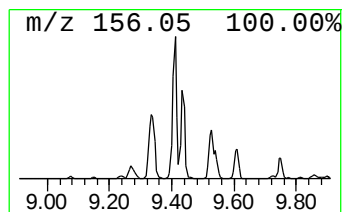
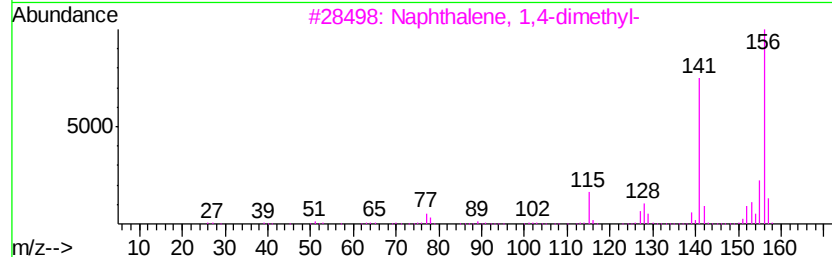
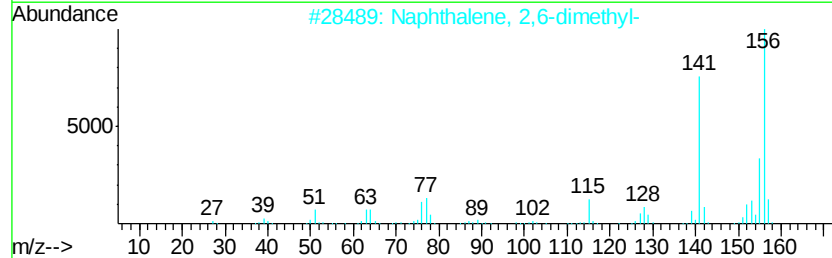
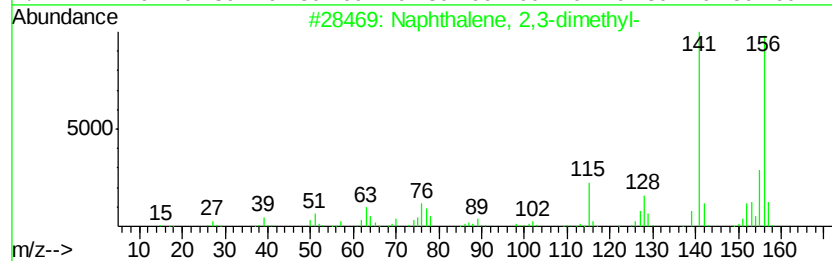
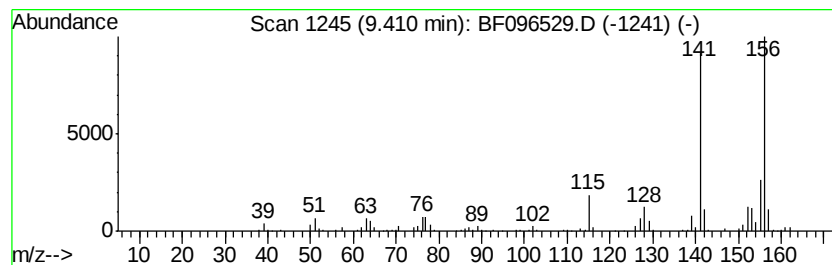
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	6.51 ng	337314	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096529.D
Acq On : 6 Jul 2017 13:26
Operator : SJ/MA
Sample : I4053-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

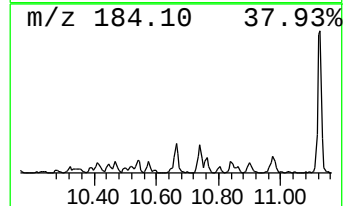
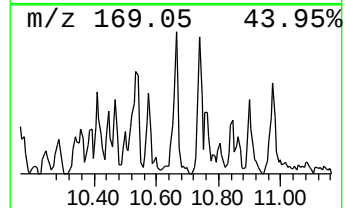
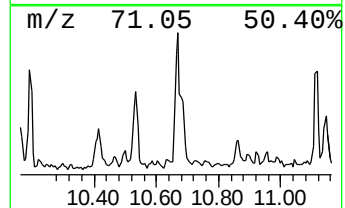
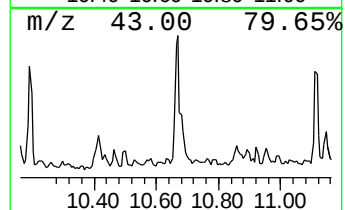
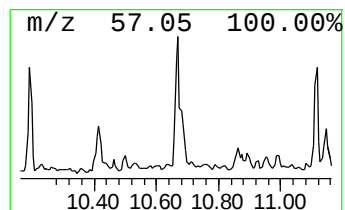
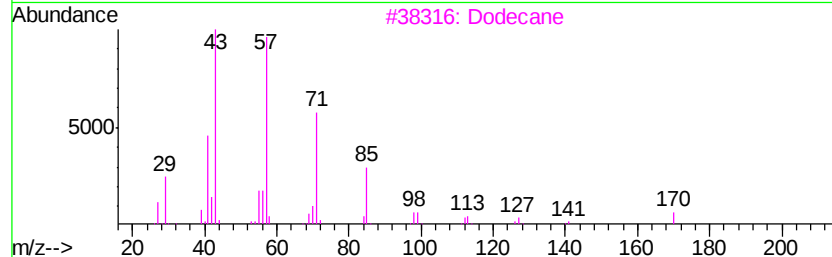
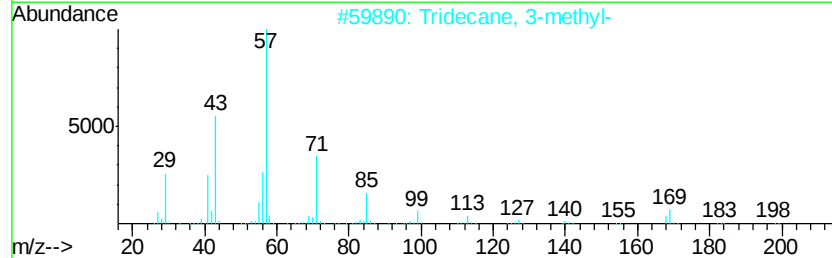
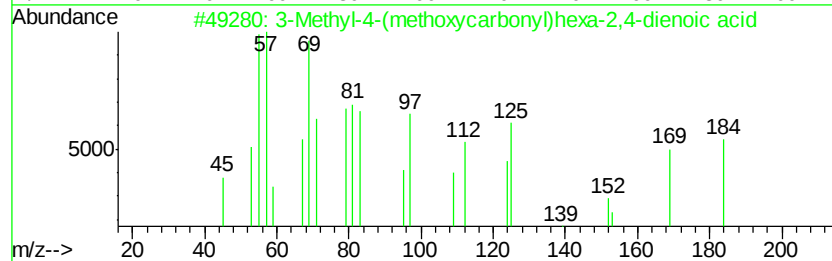
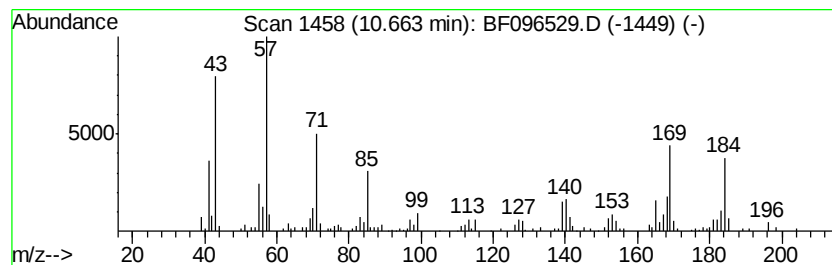
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3-Methyl-4-(methoxycarbonyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.66	6.32 ng	246507	Phenanthrene-d10		11.23	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4		1000104-10-8	80
2	Tridecane, 3-methyl-	198	C14H30		006418-41-3	49
3	Dodecane	170	C12H26		000112-40-3	47
4	Tetradecane	198	C14H30		000629-59-4	38
5	Tridecane, 6-propyl-	226	C16H34		055045-10-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096529.D
Acq On : 6 Jul 2017 13:26
Operator : SJ/MA
Sample : I4053-04
Misc :
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Instrument :
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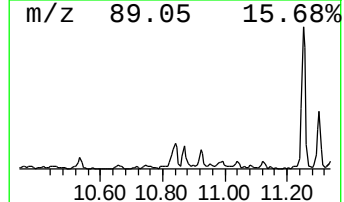
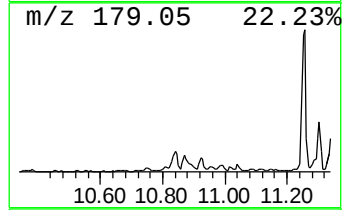
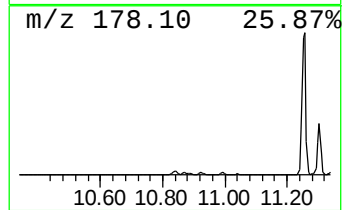
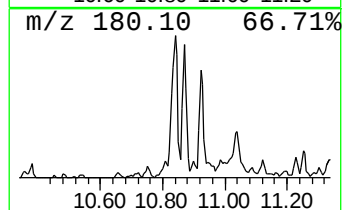
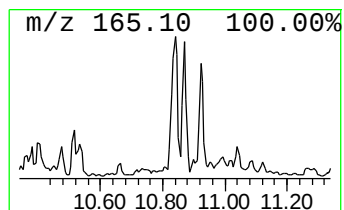
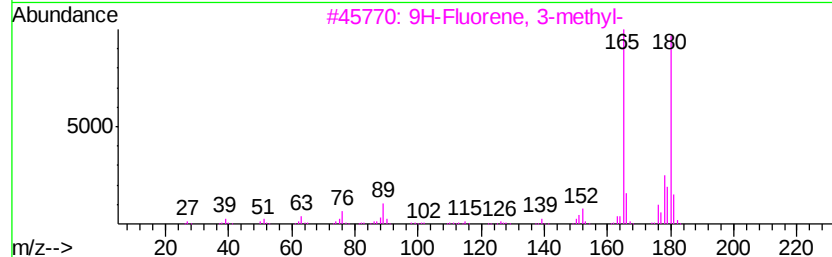
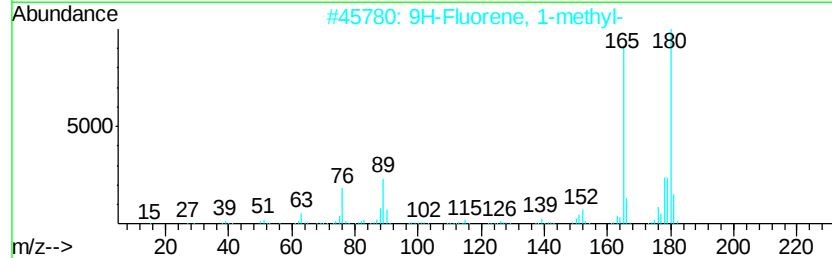
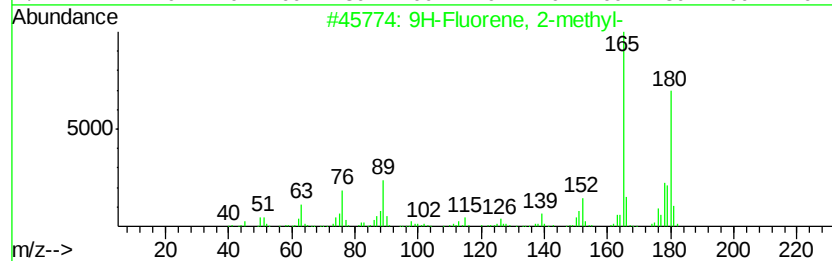
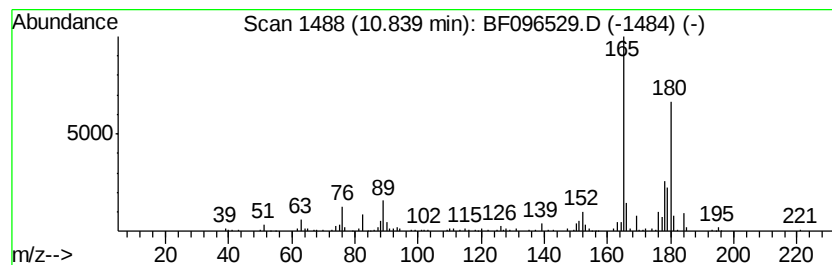
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	5.31 ng	207161	Phenanthrene-d10	11.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5			4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096529.D
Acq On : 6 Jul 2017 13:26
Operator : SJ/MA
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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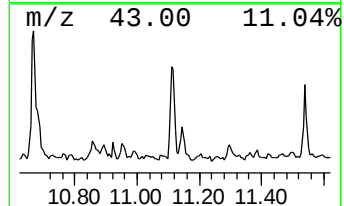
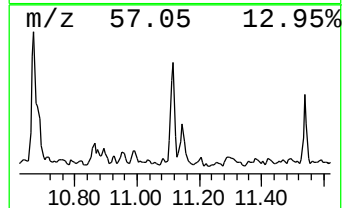
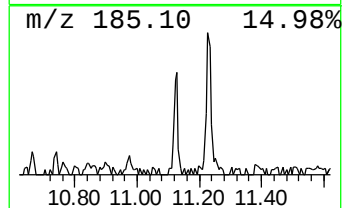
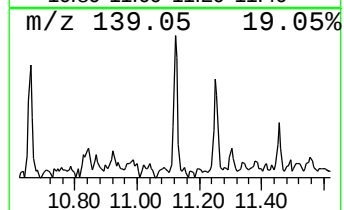
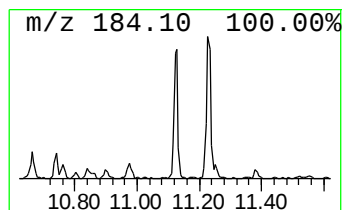
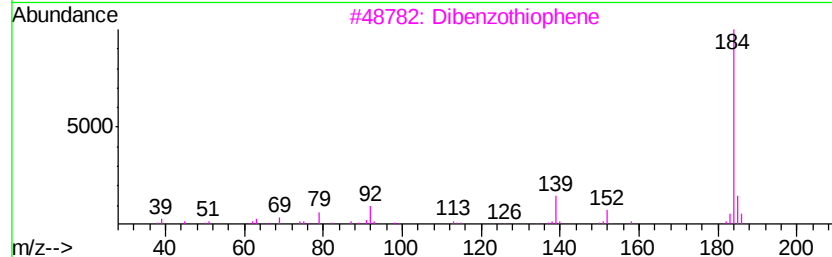
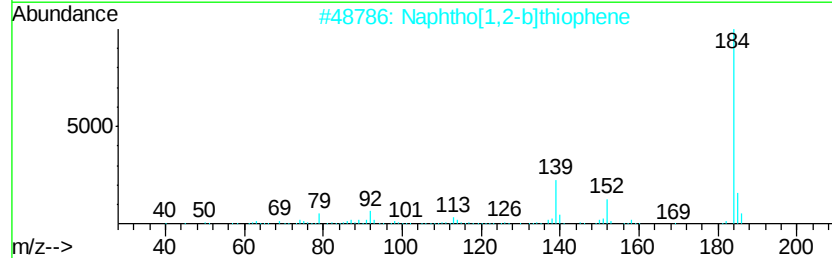
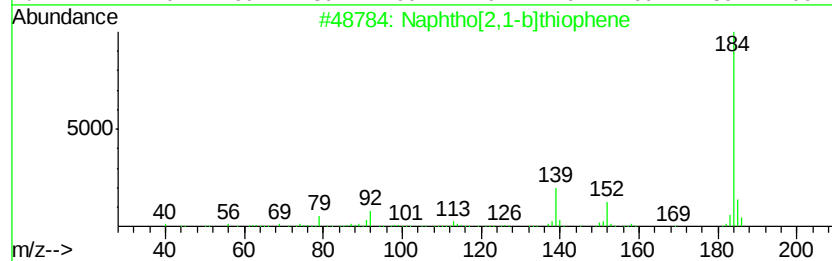
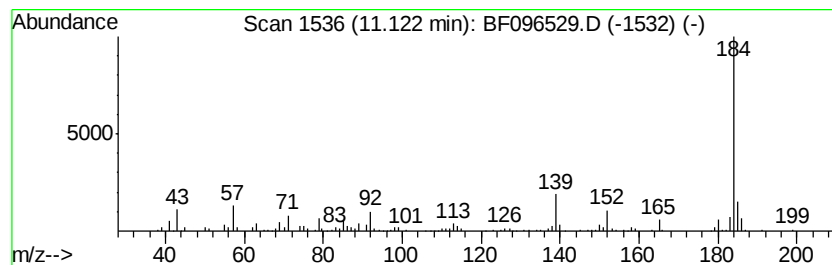
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphtho[2,1-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	5.08 ng	198005	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3		Dibenzothiophene	184	C12H8S	000132-65-0	95
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096529.D
Acq On : 6 Jul 2017 13:26
Operator : SJ/MA
Sample : I4053-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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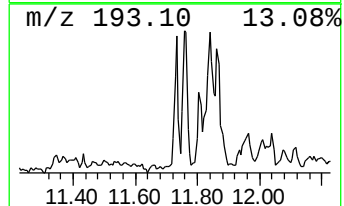
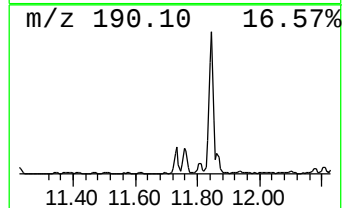
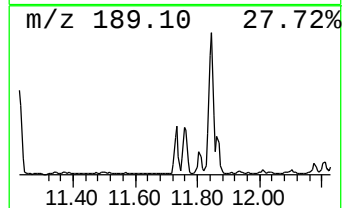
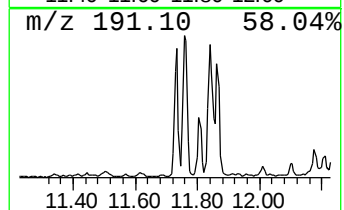
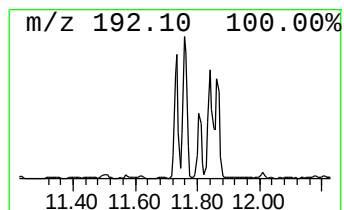
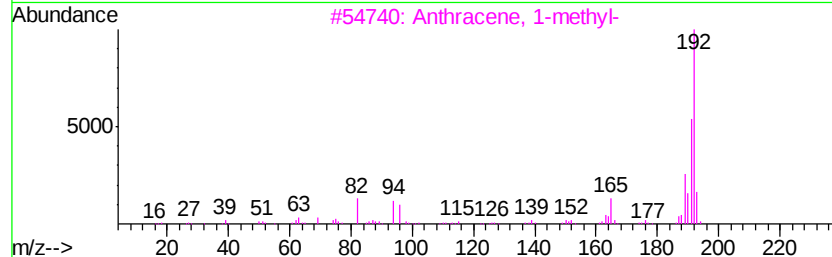
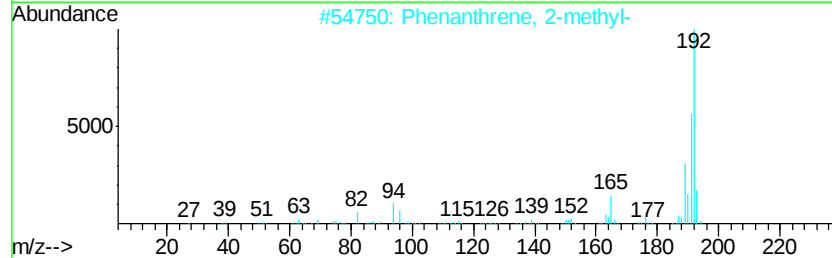
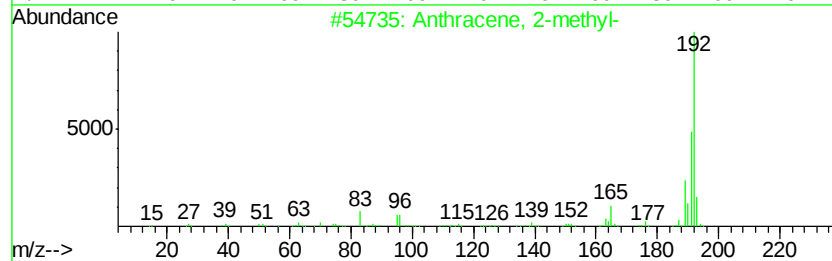
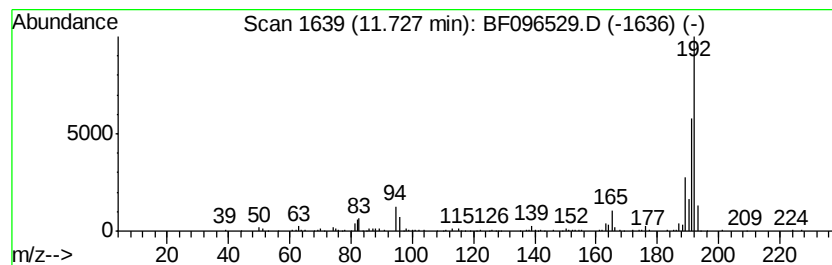
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	6.98 ng	272384	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096529.D
Acq On : 6 Jul 2017 13:26
Operator : SJ/MA
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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CL-02-070317-B

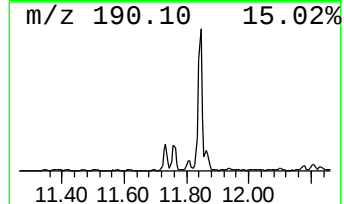
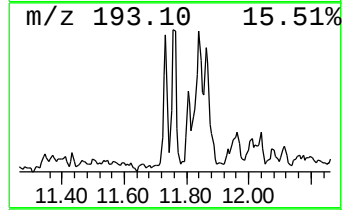
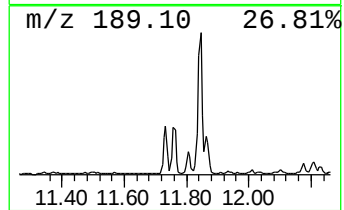
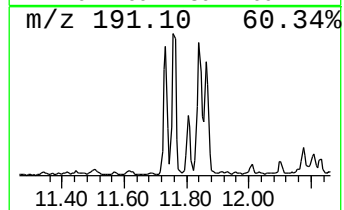
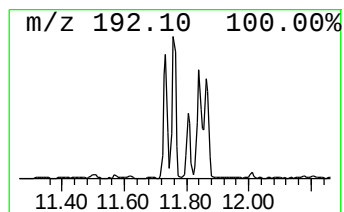
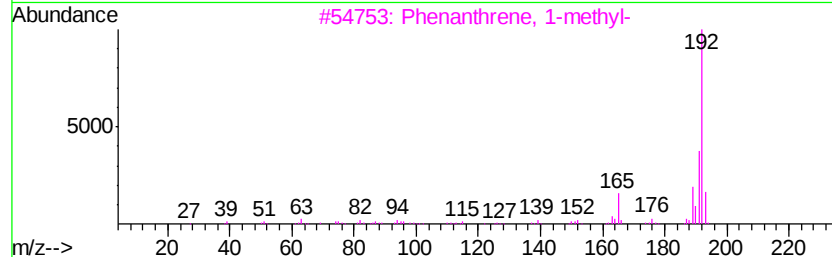
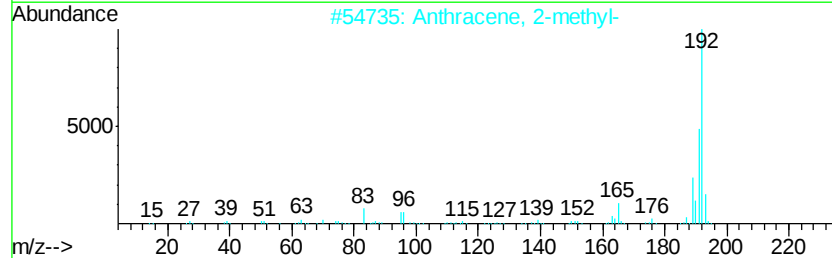
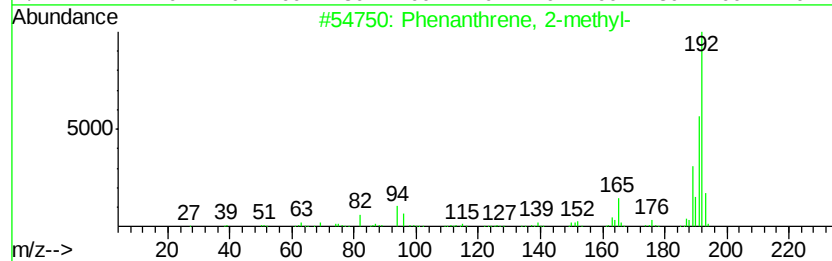
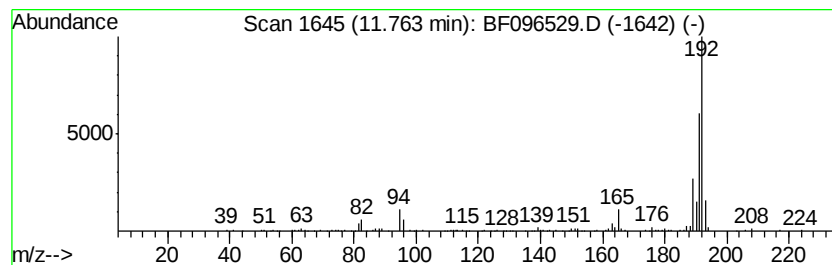
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	8.42 ng	328598	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096529.D
Acq On : 6 Jul 2017 13:26
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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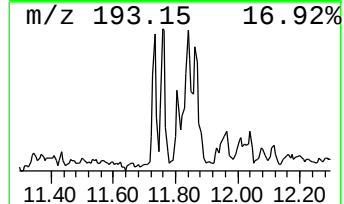
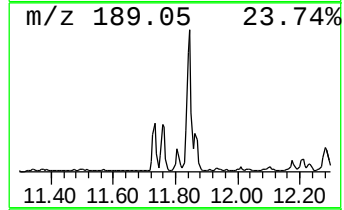
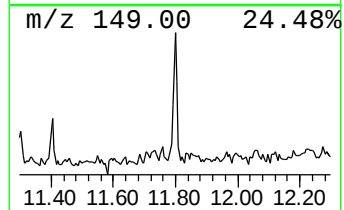
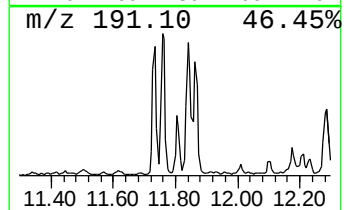
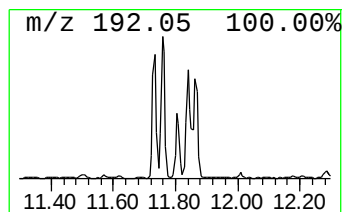
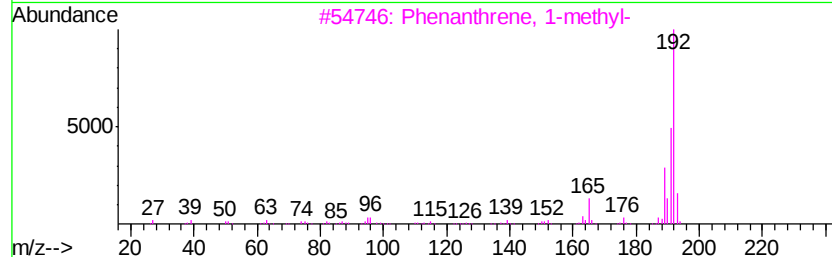
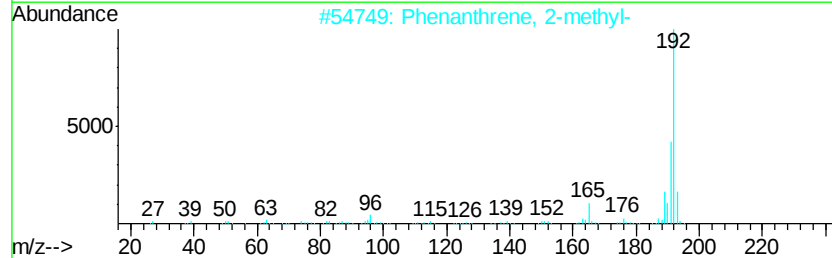
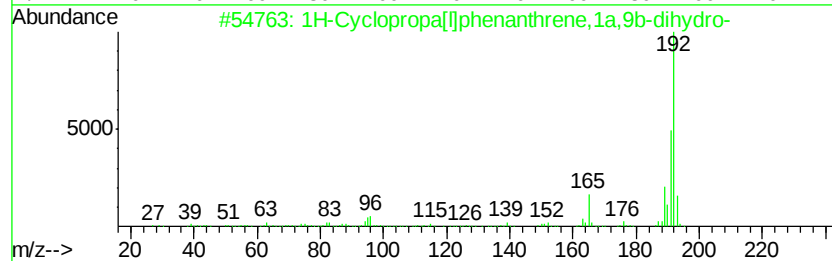
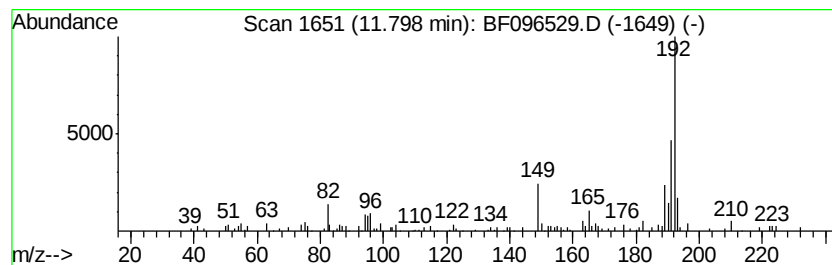
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.84 ng	149853	Phenanthrene-d10	11.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096529.D
Acq On : 6 Jul 2017 13:26
Operator : SJ/MA
Sample : I4053-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

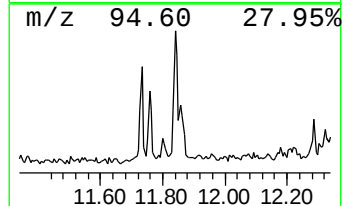
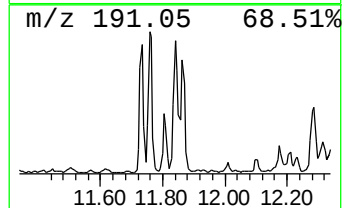
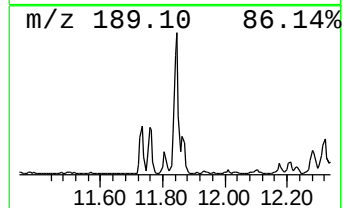
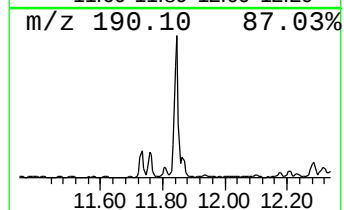
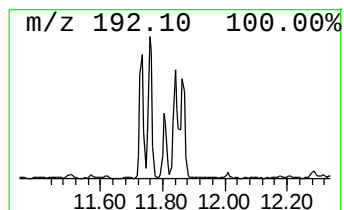
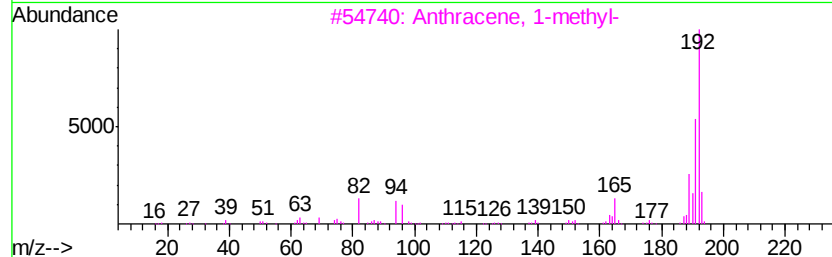
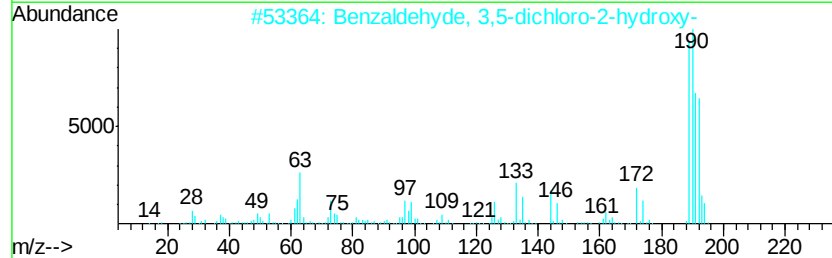
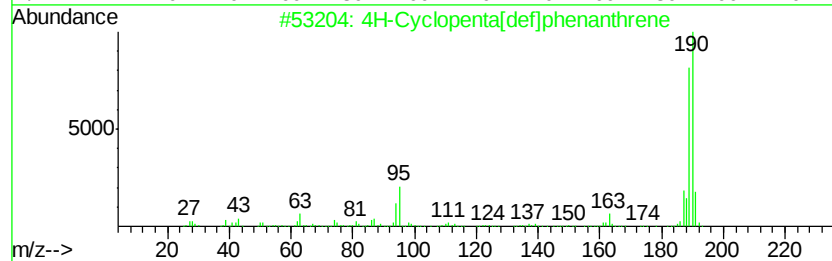
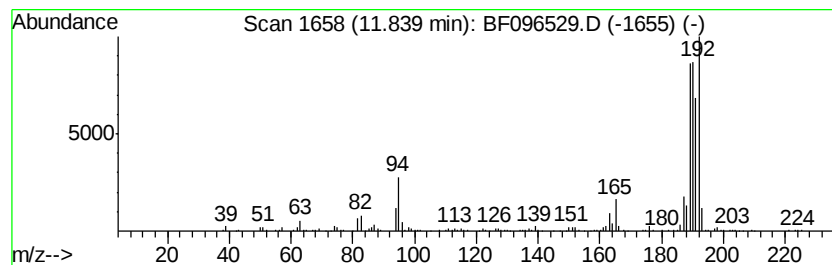
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.84	13.48 ng	525803	Phenanthrene-d10		11.23	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096529.D
Acq On : 6 Jul 2017 13:26
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Sample : I4053-04
Misc :
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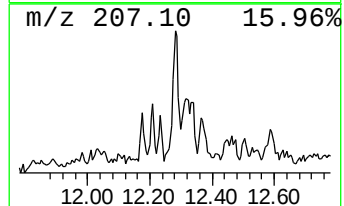
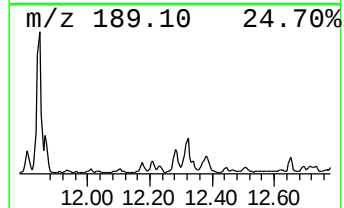
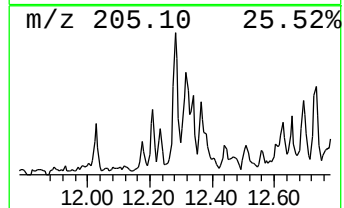
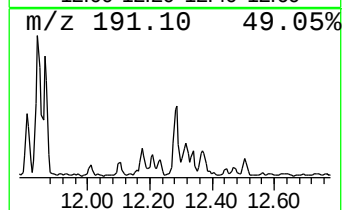
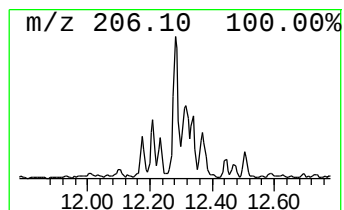
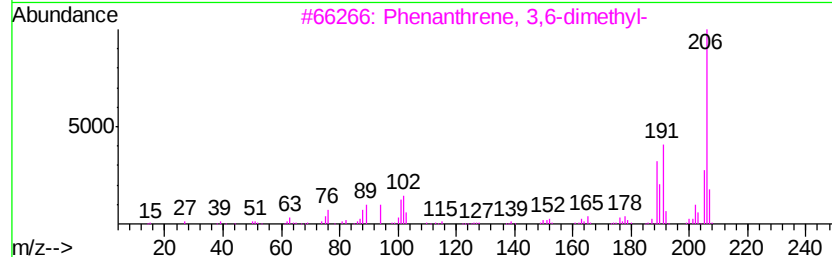
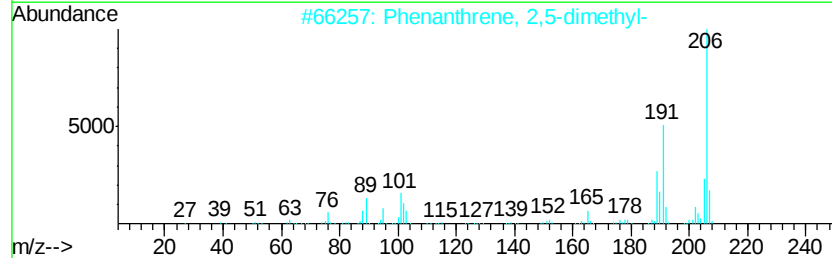
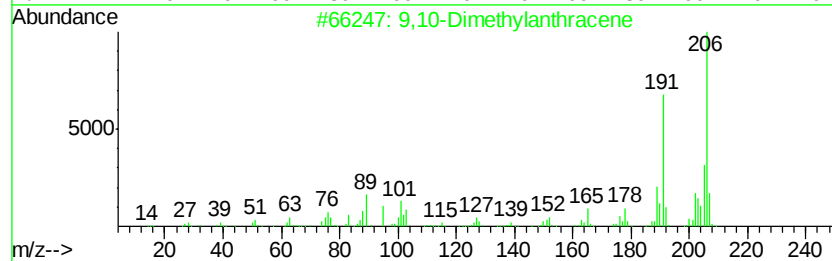
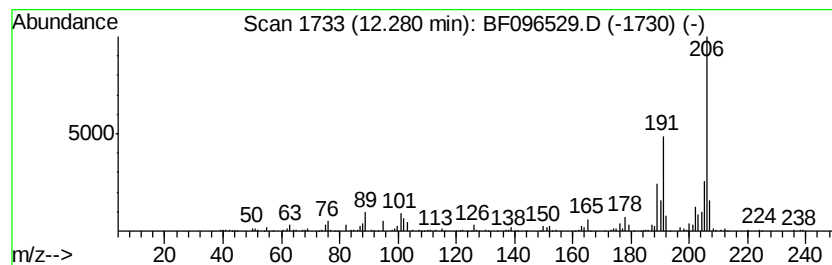
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,10-Dimethylantracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.28	6.19 ng	241312	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
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Acq On : 6 Jul 2017 13:26
Operator : SJ/MA
Sample : I4053-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

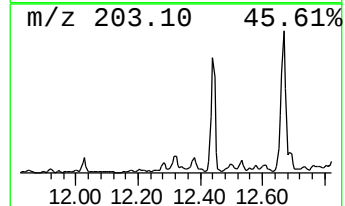
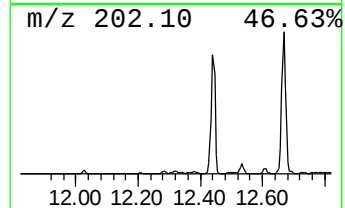
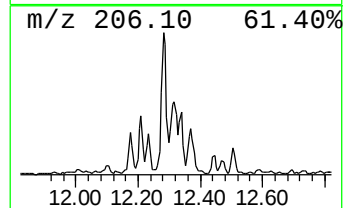
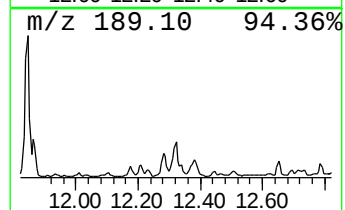
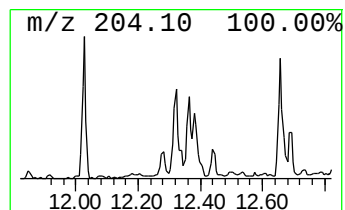
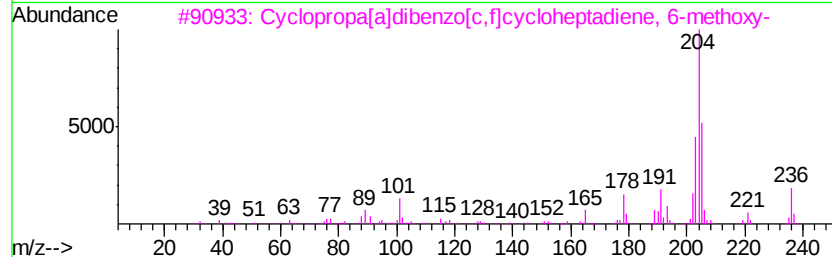
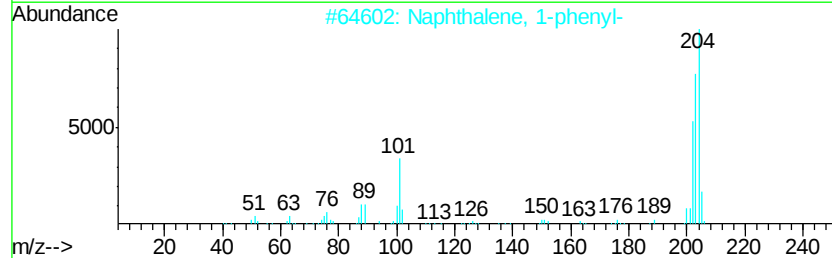
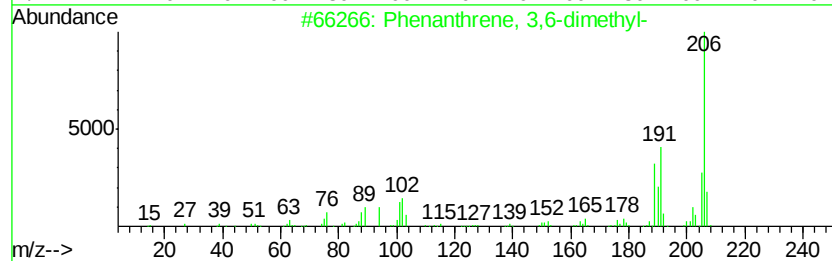
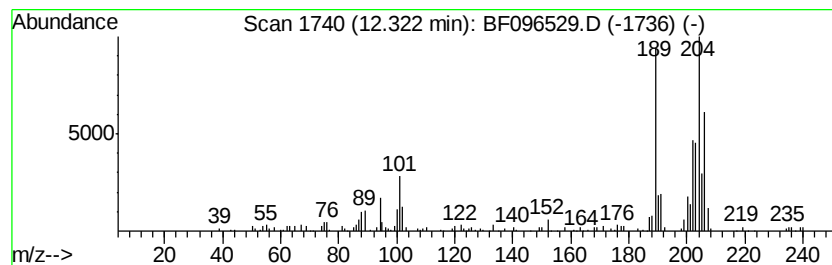
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.32 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.32	4.90 ng	190999	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38
3	Cyclopropa[a]dibenzo[c,f]cyclohe...	236	C17H16O	1000210-38-0	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096529.D
Acq On : 6 Jul 2017 13:26
Operator : SJ/MA
Sample : I4053-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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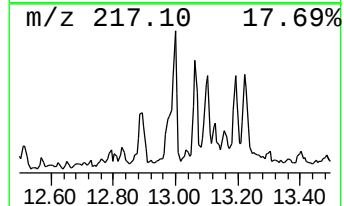
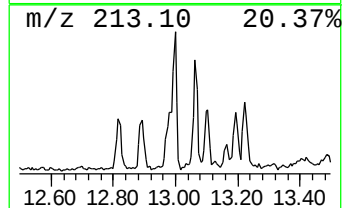
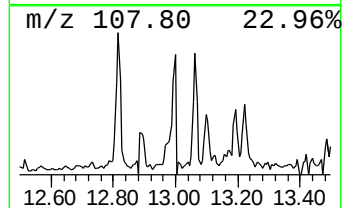
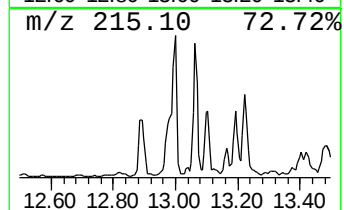
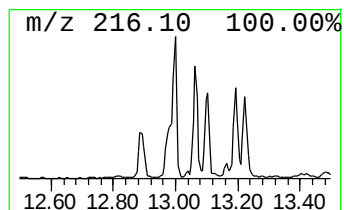
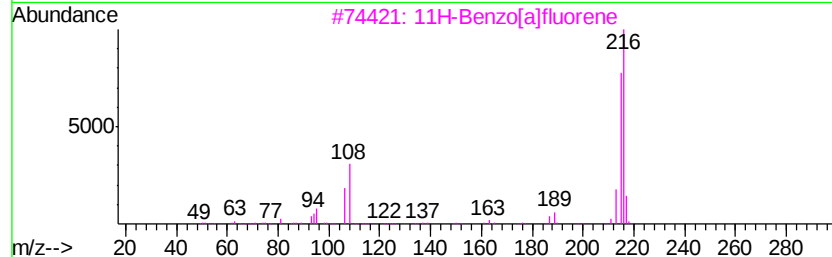
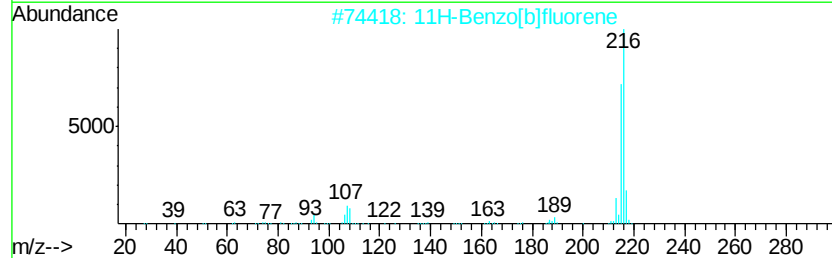
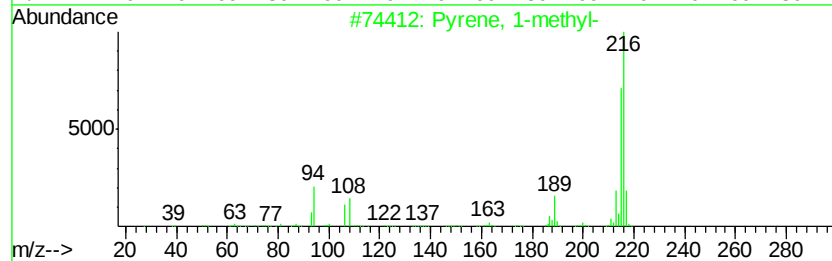
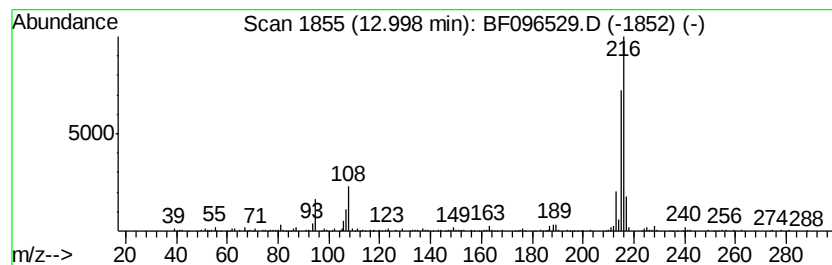
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	4.60 ng	287923	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
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Acq On : 6 Jul 2017 13:26
Operator : SJ/MA
Sample : I4053-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

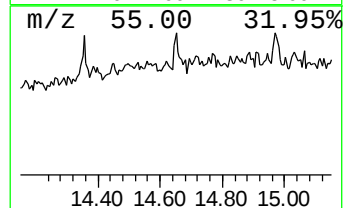
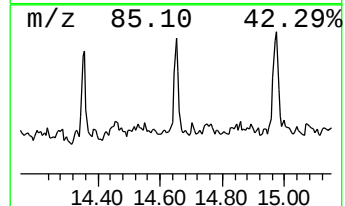
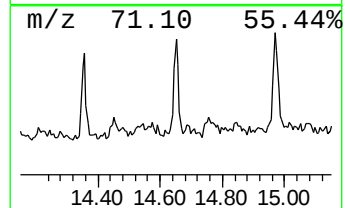
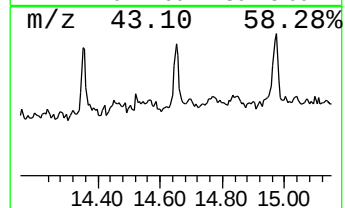
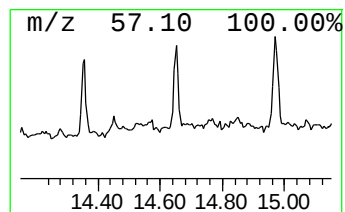
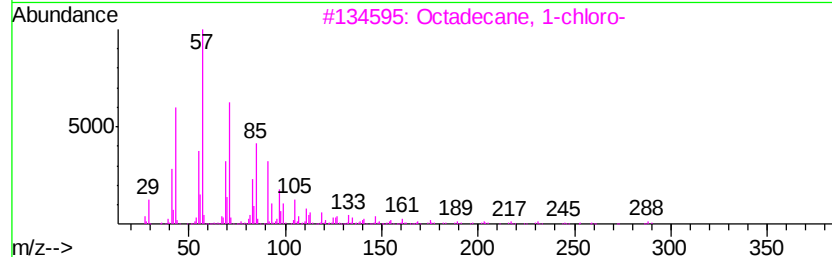
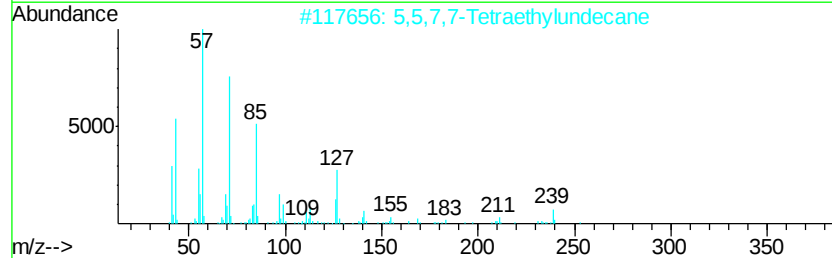
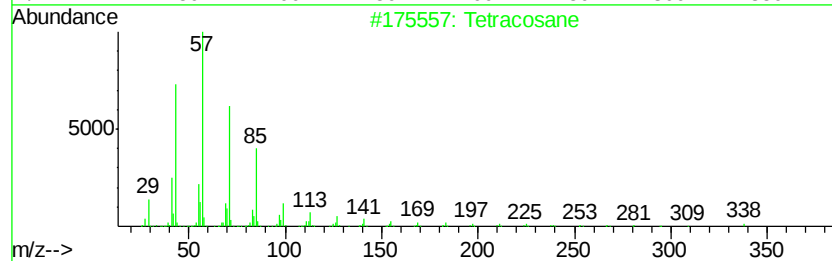
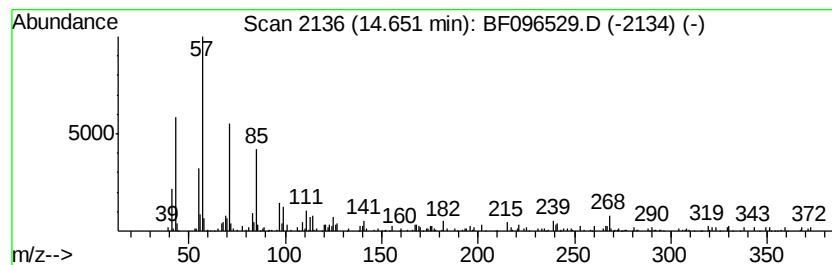
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	6.87 ng	174144	Perylene-d12	15.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane	338 C24H50	000646-31-1 93
2		5,5,7,7-Tetraethylundecane	268 C19H40	1000360-42-0 86
3		Octadecane, 1-chloro-	288 C18H37Cl	003386-33-2 83
4		Nonadecane	268 C19H40	000629-92-5 81
5		Sulfurous acid, butyl heptadecyl...	376 C21H44O3S	1000309-18-4 80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096529.D
 Acq On : 6 Jul 2017 13:26
 Operator : SJ/MA
 Sample : I4053-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	10.5	ng	391348	1	6.71	746476	20.0
unknown6.49	6.49	72.0	ng	2685950	1	6.71	746476	20.0
Naphthalene, 2,6-...	9.33	4.8	ng	248284	3	9.75	1036280	20.0
Naphthalene, 2,3-...	9.41	6.5	ng	337314	3	9.75	1036280	20.0
3-Methyl-4-(metho...	10.66	6.3	ng	246507	4	11.23	780224	20.0
9H-Fluorene, 2-me...	10.84	5.3	ng	207161	4	11.23	780224	20.0
Naphtho[2,1-b]thi...	11.12	5.1	ng	198005	4	11.23	780224	20.0
Anthracene, 2-met...	11.73	7.0	ng	272384	4	11.23	780224	20.0
Phenanthrene, 2-m...	11.76	8.4	ng	328598	4	11.23	780224	20.0
1H-Cyclopropa[l]p...	11.80	3.8	ng	149853	4	11.23	780224	20.0
4H-Cyclopenta[def...	11.84	13.5	ng	525803	4	11.23	780224	20.0
9,10-Dimethylanthe...	12.28	6.2	ng	241312	4	11.23	780224	20.0
unknown12.32	12.32	4.9	ng	190999	4	11.23	780224	20.0
Pyrene, 1-methyl-	13.00	4.6	ng	287923	5	13.87	1252480	20.0
Tetracosane	14.65	6.9	ng	174144	6	15.28	506678	20.0