

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096041.D
 Acq On : 20 Jun 2017 12:16
 Operator : SJ/MA
 Sample : I3686-03 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-WSW

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-BF060517.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	1.563	10	13	55	rVB	842657	1796404	100.00%	17.148%
2	5.240	635	638	659	rBV	48722	182424	10.15%	1.741%
3	6.145	788	792	797	rVB2	13086	20016	1.11%	0.191%
4	6.228	800	806	811	rBV4	12013	22022	1.23%	0.210%
5	6.928	921	925	932	rBV2	57664	128061	7.13%	1.222%
6	6.992	932	936	942	rBV	100510	195831	10.90%	1.869%
7	7.116	953	957	965	rVB4	19147	32199	1.79%	0.307%
8	7.304	986	989	1001	rBV	235099	340079	18.93%	3.246%
9	7.398	1001	1005	1010	rVB2	36342	47198	2.63%	0.451%
10	7.545	1027	1030	1039	rBV	128752	225753	12.57%	2.155%
11	7.886	1084	1088	1092	rBV6	14766	27731	1.54%	0.265%
12	8.098	1119	1124	1127	rBV6	11524	22686	1.26%	0.217%
13	8.198	1134	1141	1146	rBV6	18975	37013	2.06%	0.353%
14	8.251	1146	1150	1155	rBV3	43586	94559	5.26%	0.903%
15	8.351	1161	1167	1174	rVB5	46749	84338	4.69%	0.805%
16	8.522	1193	1196	1201	rVB4	10127	18512	1.03%	0.177%
17	8.575	1201	1205	1208	rVB4	34965	40784	2.27%	0.389%
18	8.645	1214	1217	1220	rVB3	23826	25814	1.44%	0.246%
19	8.751	1228	1235	1238	rBV4	35399	55467	3.09%	0.529%
20	8.945	1261	1268	1269	rBV4	23424	35287	1.96%	0.337%
21	9.051	1281	1286	1291	rVB6	22218	42177	2.35%	0.403%
22	9.122	1291	1298	1302	rBV5	18706	43708	2.43%	0.417%
23	9.198	1309	1311	1317	rVB4	19306	28430	1.58%	0.271%
24	9.257	1317	1321	1326	rBV6	9538	18366	1.02%	0.175%
25	9.339	1327	1335	1348	rBV	343097	568192	31.63%	5.424%
26	9.439	1348	1352	1360	rVB3	92439	143115	7.97%	1.366%
27	9.563	1366	1373	1377	rVB2	75680	111324	6.20%	1.063%
28	9.610	1377	1381	1384	rBV3	12984	18697	1.04%	0.178%
29	9.645	1384	1387	1393	rVB7	13766	24268	1.35%	0.232%
30	9.704	1393	1397	1406	rBV6	39313	66311	3.69%	0.633%
31	9.780	1406	1410	1413	rBV5	19854	28641	1.59%	0.273%
32	9.833	1416	1419	1423	rVB5	22441	30370	1.69%	0.290%
33	9.875	1423	1426	1430	rBV6	28458	45655	2.54%	0.436%
34	9.975	1437	1443	1446	rBV5	28429	57740	3.21%	0.551%

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35	10.080	1455	1461	1466	rBV9	24950	43948	2.45%	0.420%
36	10.151	1466	1473	1476	rBV	99266	135847	7.56%	1.297%
37	10.257	1485	1491	1499	rVB7	28247	65642	3.65%	0.627%
38	10.363	1503	1509	1512	rBV7	15214	37579	2.09%	0.359%
39	10.427	1513	1520	1525	rVB2	110109	160208	8.92%	1.529%
40	10.516	1533	1535	1542	rVB4	27782	45291	2.52%	0.432%
41	10.580	1542	1546	1553	rVB3	34608	57052	3.18%	0.545%
42	10.669	1557	1561	1566	rVB4	30097	58321	3.25%	0.557%
43	10.886	1594	1598	1601	rBV3	31694	43810	2.44%	0.418%
44	11.022	1618	1621	1624	rBV3	23926	28840	1.61%	0.275%
45	11.057	1624	1627	1629	rVV4	19247	23849	1.33%	0.228%
46	11.080	1629	1631	1634	rVV4	18784	22433	1.25%	0.214%
47	11.122	1634	1638	1642	rVV	254948	291003	16.20%	2.778%
48	11.263	1658	1662	1667	rBV5	19030	27060	1.51%	0.258%
49	11.345	1670	1676	1684	rVV	140825	221393	12.32%	2.113%
50	11.422	1684	1689	1694	rVV6	30560	52366	2.92%	0.500%
51	11.463	1694	1696	1703	rVB8	16122	25421	1.42%	0.243%
52	11.527	1704	1707	1714	rVB7	25098	48133	2.68%	0.459%
53	11.604	1715	1720	1724	rVV7	20235	42585	2.37%	0.406%
54	11.645	1724	1727	1730	rVV3	41272	56196	3.13%	0.536%
55	11.686	1730	1734	1738	rVB3	68073	94128	5.24%	0.899%
56	11.816	1754	1756	1759	rVB2	22116	20575	1.15%	0.196%
57	11.863	1759	1764	1768	rVB	117024	152628	8.50%	1.457%
58	11.898	1768	1770	1775	rVB4	26292	33111	1.84%	0.316%
59	11.957	1775	1780	1785	rVB4	17682	36993	2.06%	0.353%
60	12.016	1785	1790	1796	rBV6	51525	98232	5.47%	0.938%
61	12.127	1804	1809	1810	rBV4	20179	28773	1.60%	0.275%
62	12.163	1810	1815	1819	rVV2	326335	418039	23.27%	3.990%
63	12.210	1819	1823	1828	rVB	118505	157418	8.76%	1.503%
64	12.368	1846	1850	1858	rVB4	31006	69614	3.88%	0.665%
65	12.433	1858	1861	1866	rVB7	29340	38706	2.15%	0.369%
66	12.533	1875	1878	1882	rVB	30561	35485	1.98%	0.339%
67	12.598	1882	1889	1892	rBV4	31372	55400	3.08%	0.529%
68	12.680	1898	1903	1905	rBV5	24087	39811	2.22%	0.380%
69	12.716	1905	1909	1914	rVB5	60639	117871	6.56%	1.125%
70	12.768	1914	1918	1923	rBV6	17245	37416	2.08%	0.357%
71	13.021	1953	1961	1966	rVV	125567	178523	9.94%	1.704%

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72	13.074	1966	1970	1976	rVB8	27472	50831	2.83%	0.485%
73	13.139	1976	1981	1988	rBV7	36610	78146	4.35%	0.746%
74	13.280	2001	2005	2011	rVB5	22135	30752	1.71%	0.294%
75	13.333	2011	2014	2016	rBV4	18058	22868	1.27%	0.218%
76	13.380	2016	2022	2026	rVB	92796	149160	8.30%	1.424%
77	13.474	2032	2038	2042	rBV6	54728	113820	6.34%	1.086%
78	13.651	2064	2068	2069	rBV3	16772	19475	1.08%	0.186%
79	13.686	2072	2074	2080	rVB4	31155	38587	2.15%	0.368%
80	13.810	2088	2095	2102	rBV2	193185	411072	22.88%	3.924%
81	13.992	2124	2126	2132	rVB6	27666	31231	1.74%	0.298%
82	14.098	2142	2144	2148	rVB5	19007	23259	1.29%	0.222%
83	14.521	2211	2216	2218	rBV	81116	96673	5.38%	0.923%
84	14.557	2218	2222	2228	rVB	338270	455162	25.34%	4.345%
85	14.957	2288	2290	2297	rVB7	11896	20620	1.15%	0.197%
86	15.133	2316	2320	2328	rVB6	18014	33482	1.86%	0.320%
87	15.204	2328	2332	2335	rBV	65041	70130	3.90%	0.669%
88	15.421	2365	2369	2371	rVB3	13763	18583	1.03%	0.177%
89	15.809	2431	2435	2441	rBV2	47230	60983	3.39%	0.582%
90	16.180	2495	2498	2502	rBV	18637	22615	1.26%	0.216%
91	16.362	2525	2529	2531	rBV3	29885	30535	1.70%	0.291%
92	16.392	2531	2534	2539	rVB	19853	23350	1.30%	0.223%
93	16.692	2582	2585	2590	rVB	25140	30962	1.72%	0.296%
94	16.868	2611	2615	2620	rBV4	15359	20204	1.12%	0.193%
95	16.933	2622	2626	2634	rVB	158972	175989	9.80%	1.680%
96	18.286	2851	2856	2869	rBV	307280	381286	21.22%	3.640%
97	19.915	3130	3133	3137	rBV3	14441	21178	1.18%	0.202%
98	19.956	3137	3140	3149	rBV	204596	286254	15.93%	2.732%

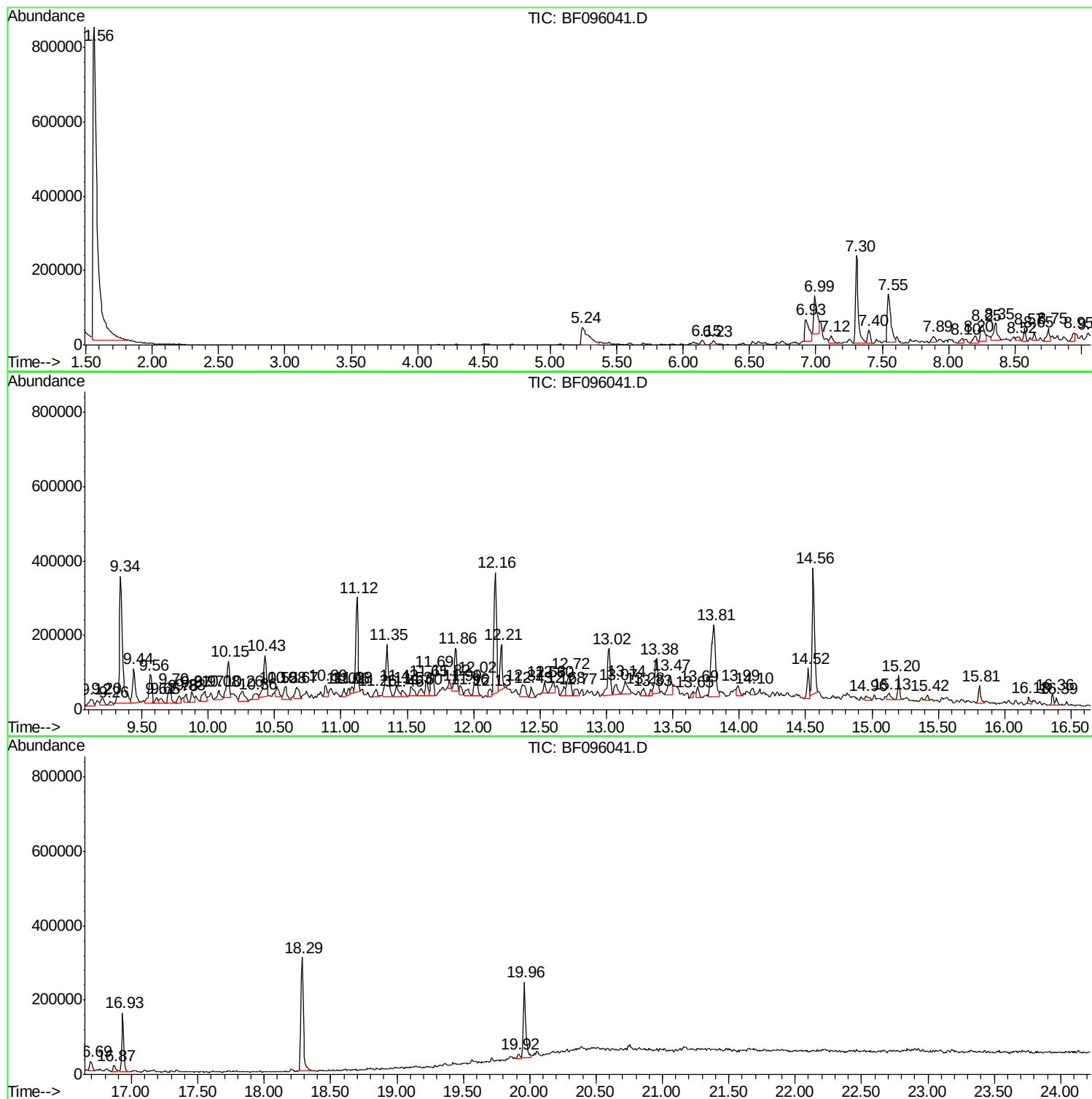
Sum of corrected areas: 10476079

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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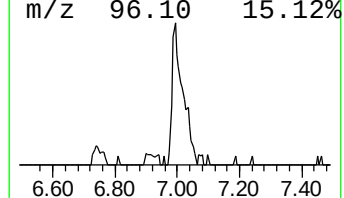
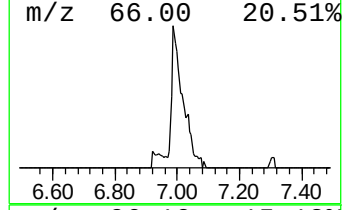
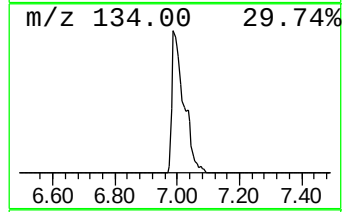
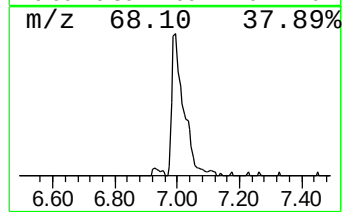
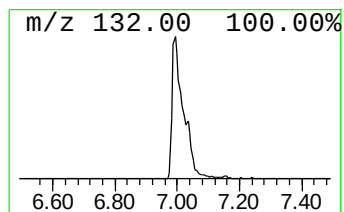
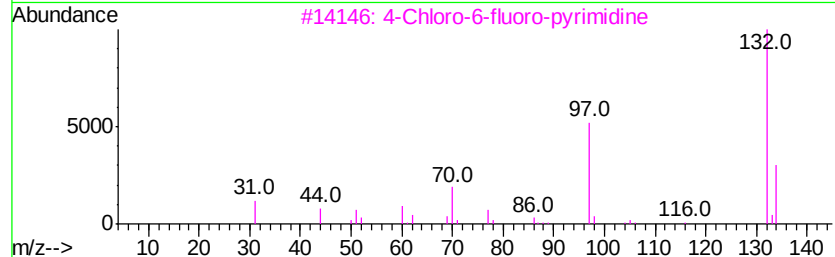
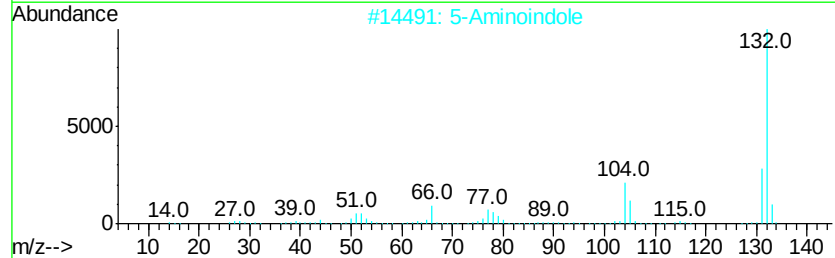
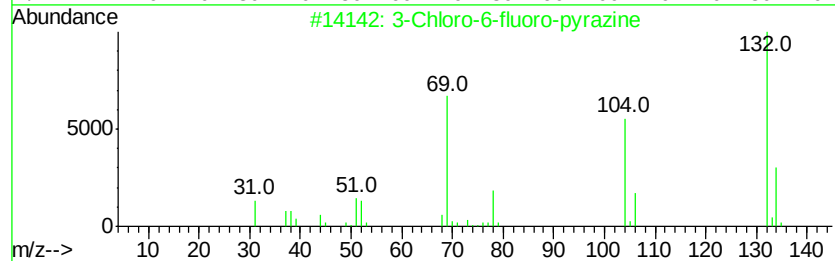
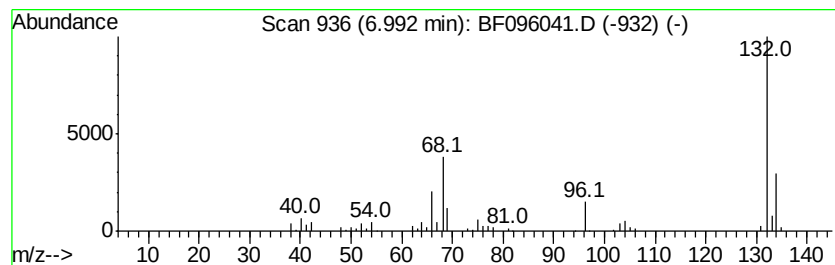
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.99 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	11.52 ng	195831	1,4-Dichlorobenzene-d4	7.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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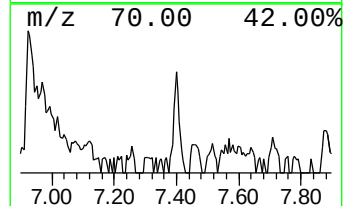
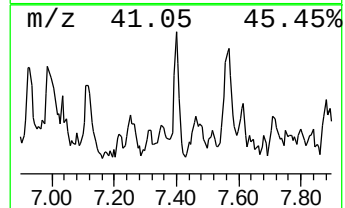
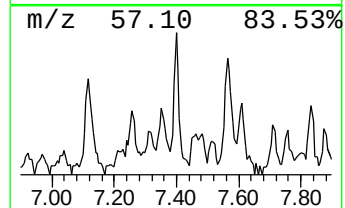
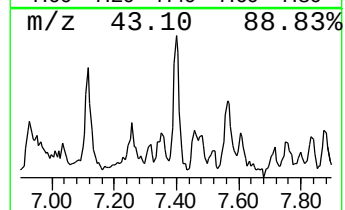
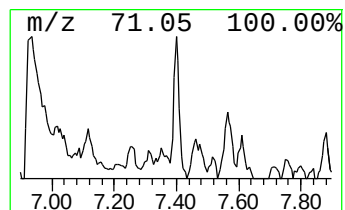
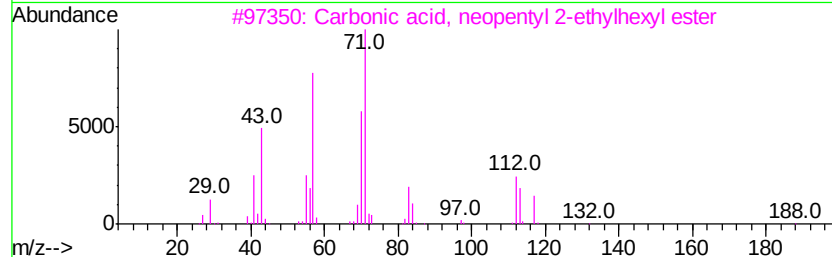
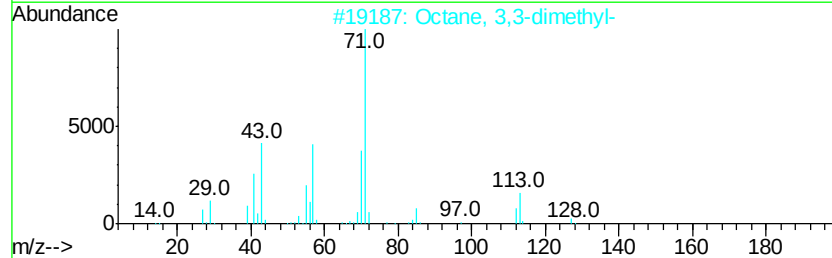
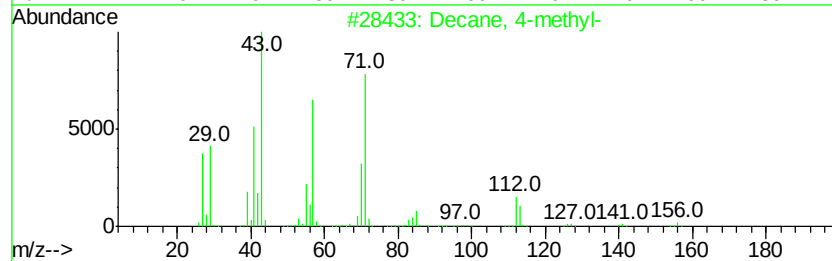
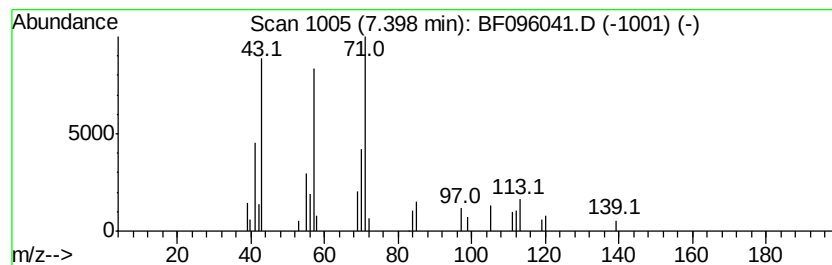
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	2.78 ng	47198	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	72
2		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
3		Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64
4		Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	52
5		Bis(2-ethylhexyl) methylenesucci...	354	C21H38O4	002287-83-4	50



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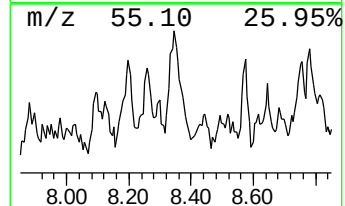
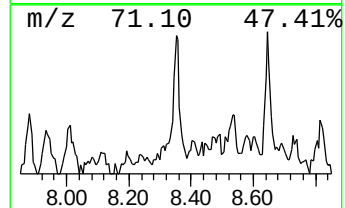
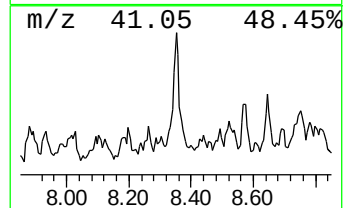
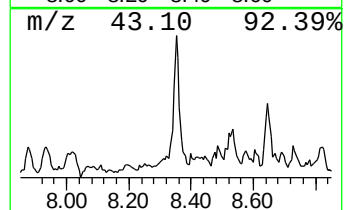
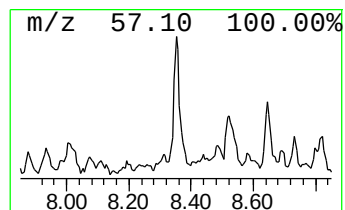
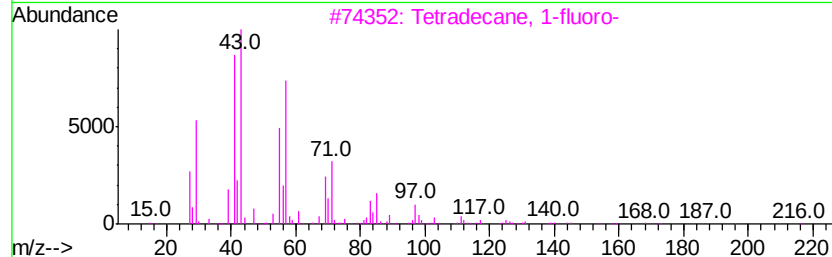
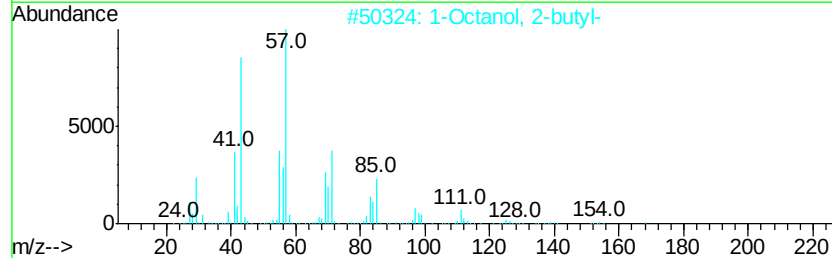
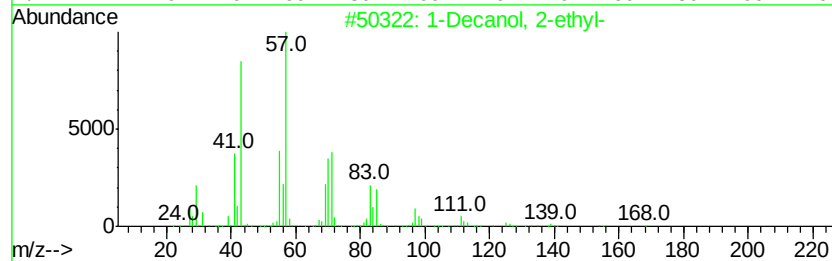
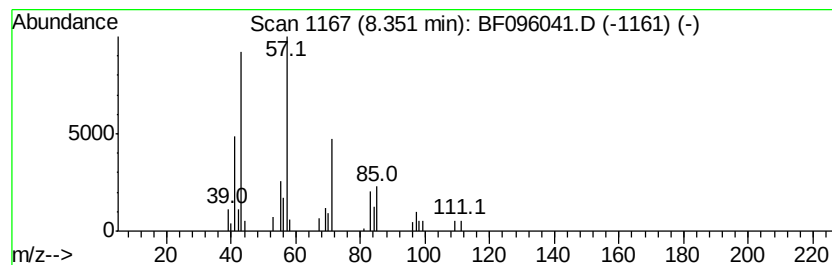
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Peak Number 5 1-Decanol, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.97 ng	84338	Naphthalene-d8	9.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	83
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
3		Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	56
4		Undecane	156	C11H24	001120-21-4	50
5		Tridecane	184	C13H28	000629-50-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096041.D
Acq On : 20 Jun 2017 12:16
Operator : SJ/MA
Sample : I3686-03 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-S5-WSW

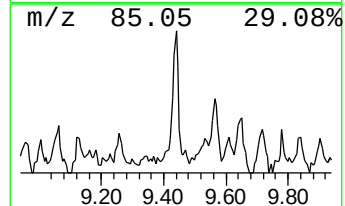
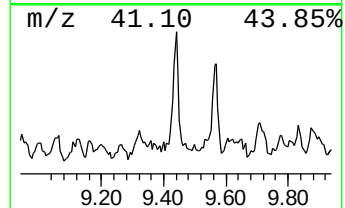
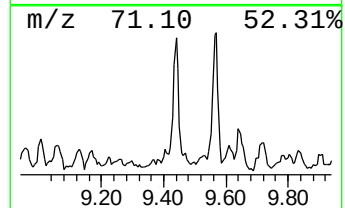
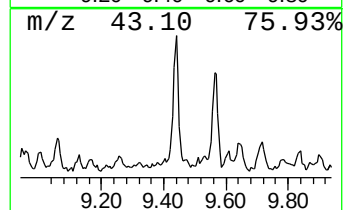
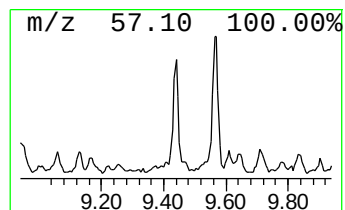
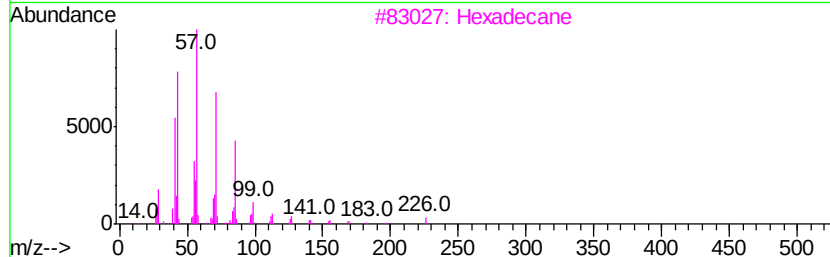
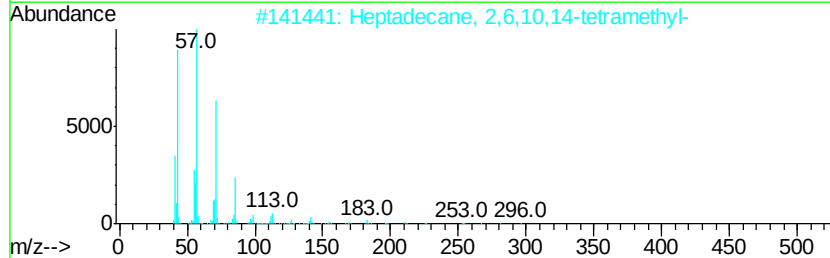
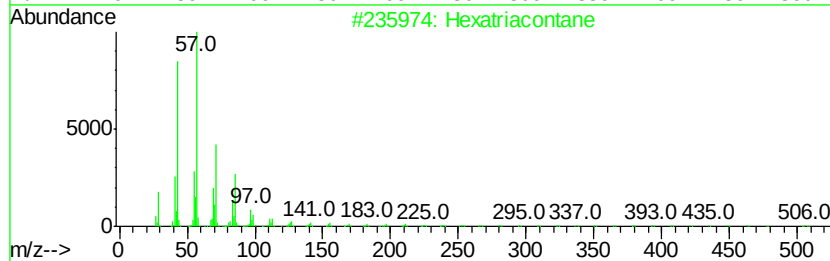
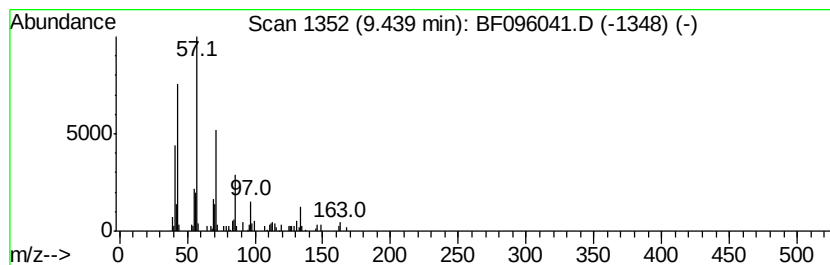
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexatriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	5.04 ng	143115	Naphthalene-d8	9.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	64
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
3		Hexadecane	226	C16H34	000544-76-3	64
4		Tridecane	184	C13H28	000629-50-5	58
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096041.D
Acq On : 20 Jun 2017 12:16
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Instrument :
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ClientSampleId :
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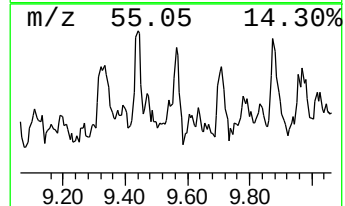
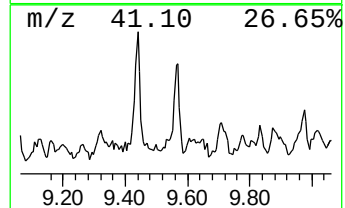
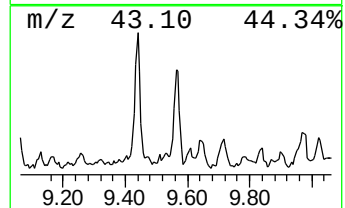
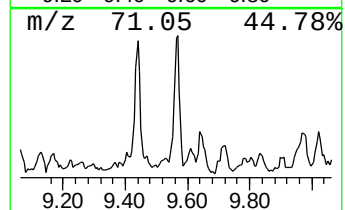
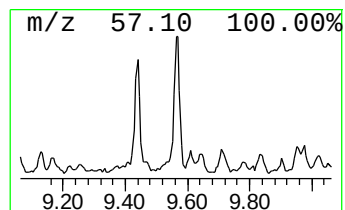
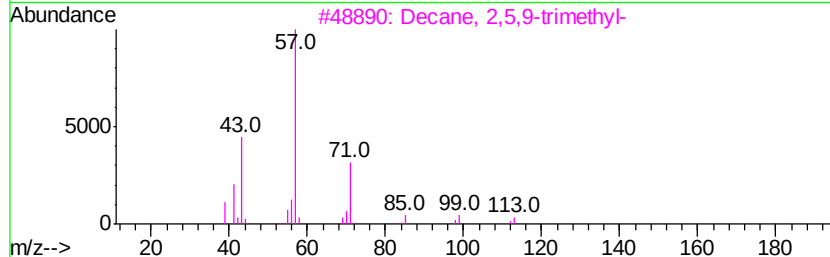
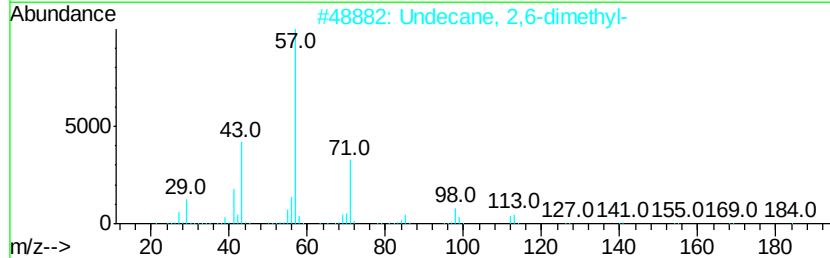
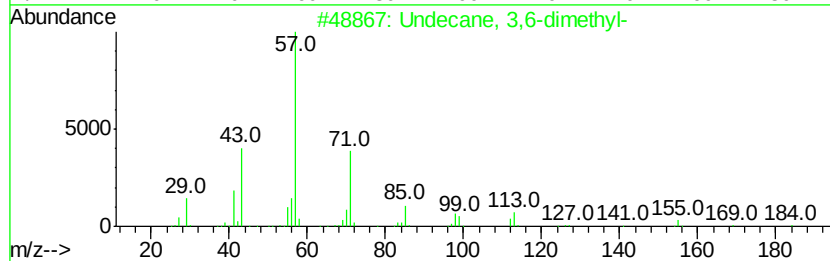
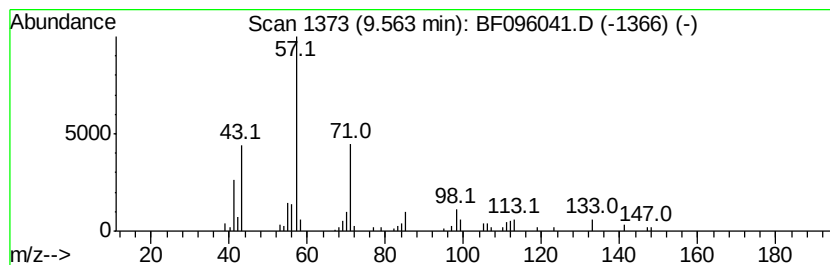
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	3.92 ng	111324	Napthalene-d8	9.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	59
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096041.D
Acq On : 20 Jun 2017 12:16
Operator : SJ/MA
Sample : I3686-03 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

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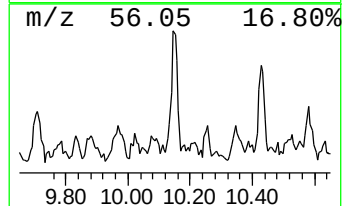
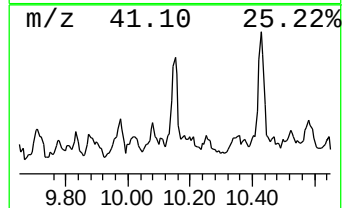
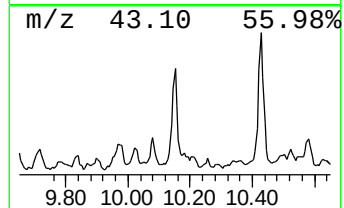
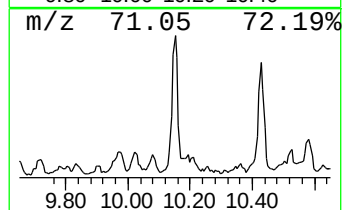
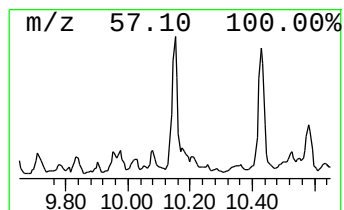
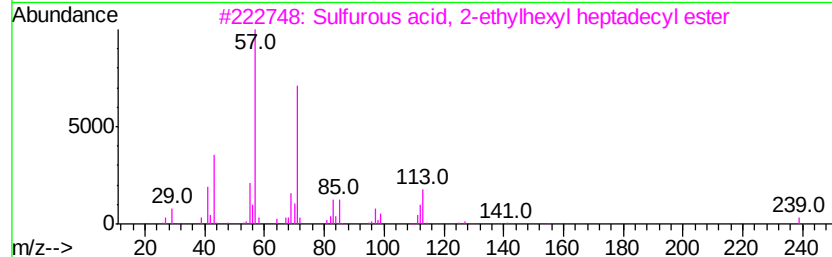
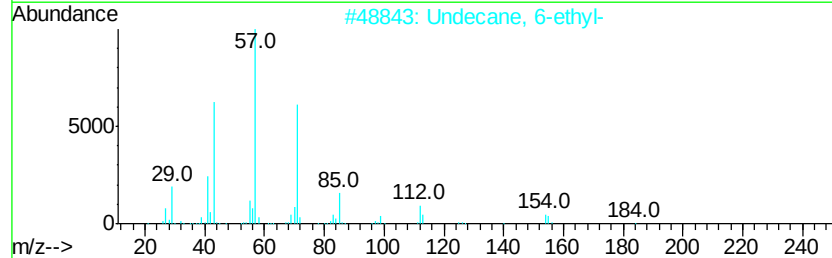
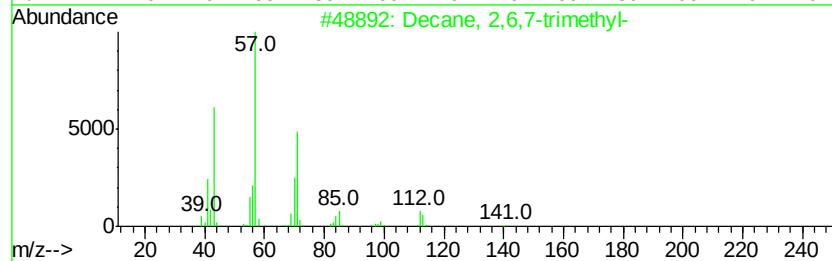
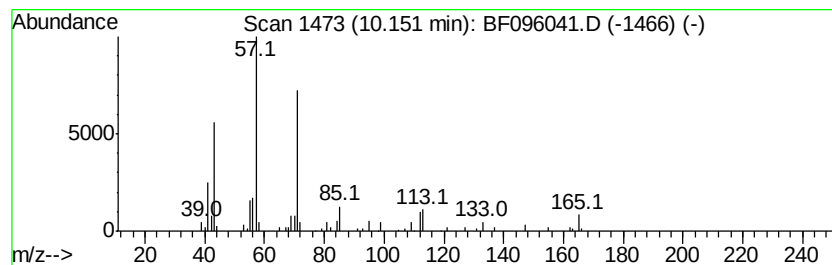
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	4.78 ng	135847	Napthalene-d8	9.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
2		Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
3		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53
4		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	53
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
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Operator : SJ/MA
Sample : I3686-03 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

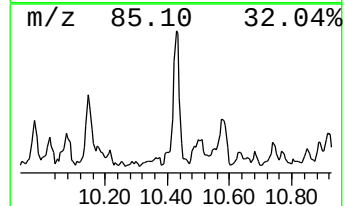
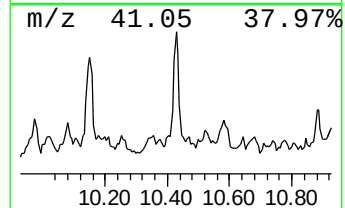
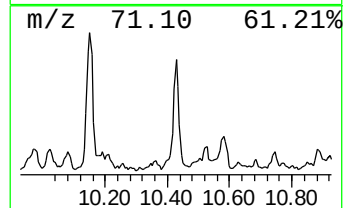
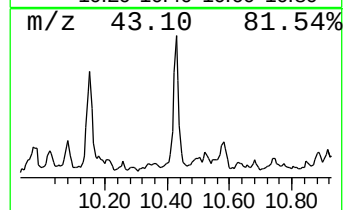
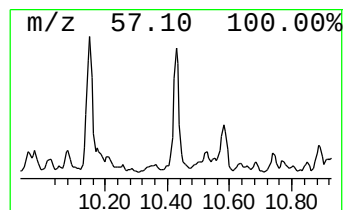
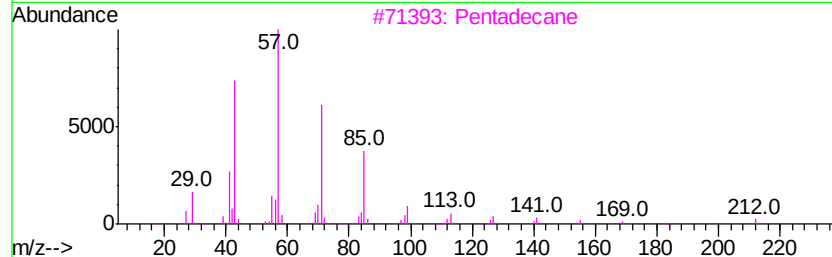
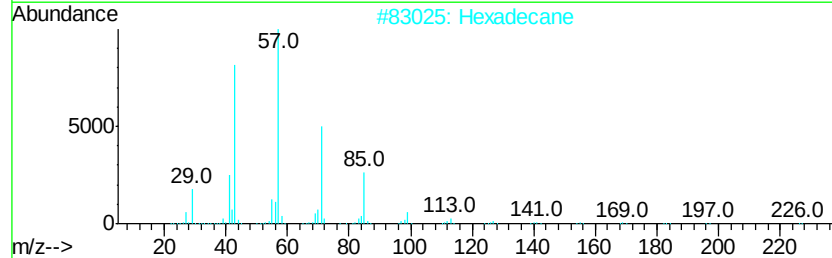
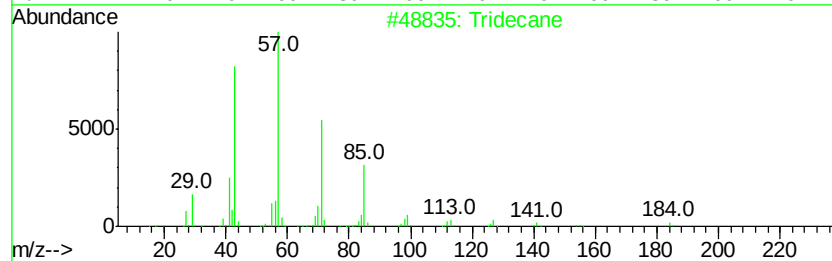
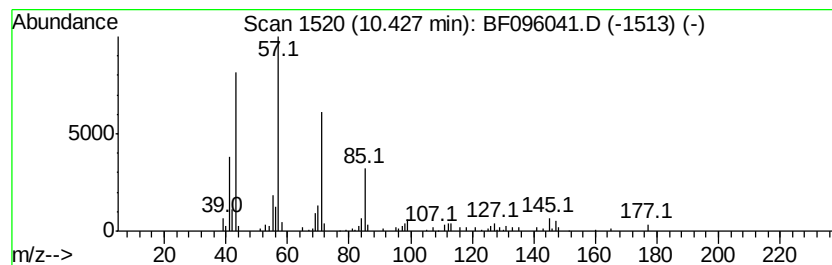
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.43	5.64 ng	160208	Naphthalene-d8		9.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Hexadecane	226	C16H34	000544-76-3	74
3	Pentadecane	212	C15H32	000629-62-9	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Undecane	156	C11H24	001120-21-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
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Sample : I3686-03 5X
Misc :
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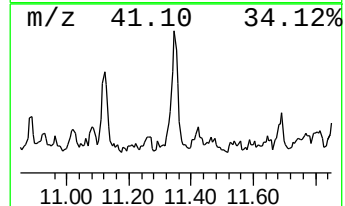
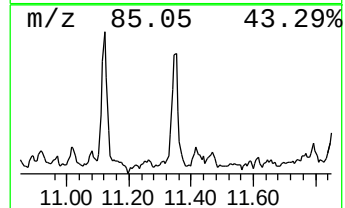
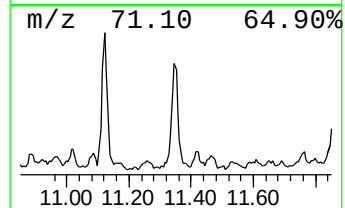
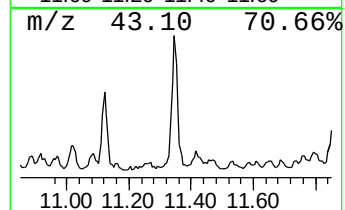
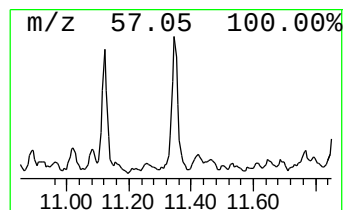
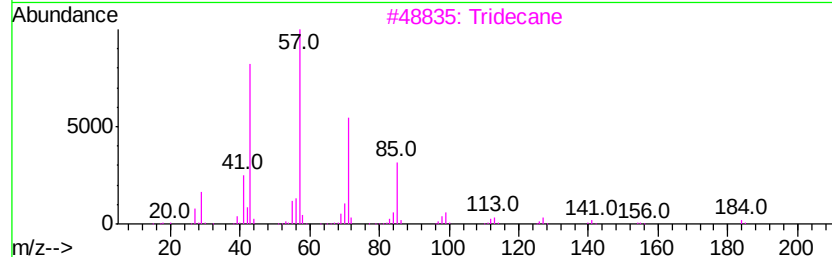
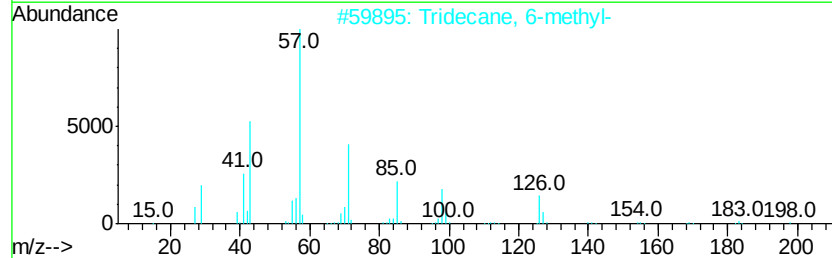
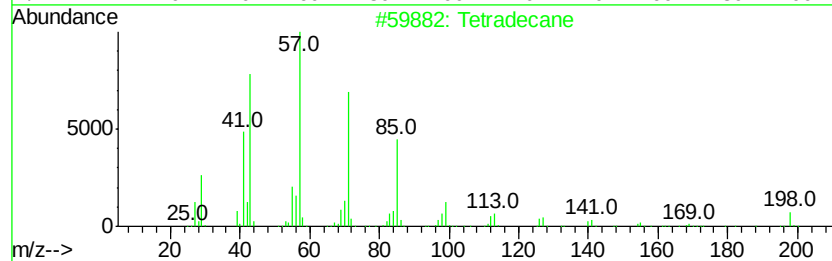
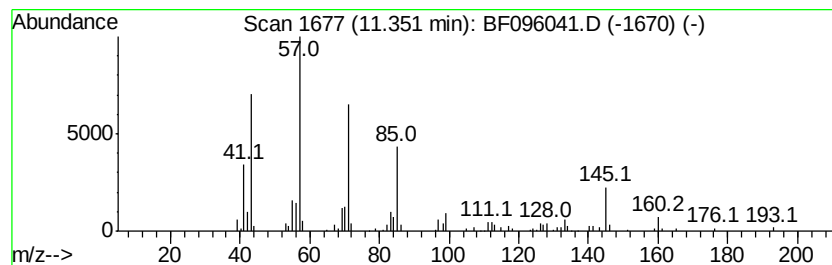
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradeane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.35	10.59 ng	221393	Acenaphthene-d10		12.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	58
3	Tridecane	184	C13H28	000629-50-5	58
4	Hexadecane	226	C16H34	000544-76-3	58
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
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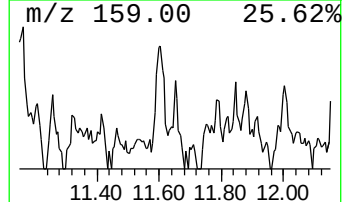
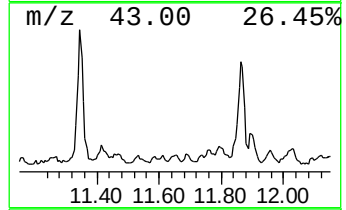
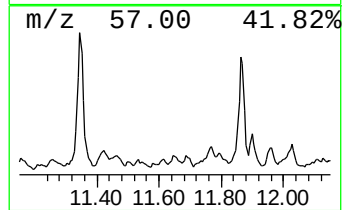
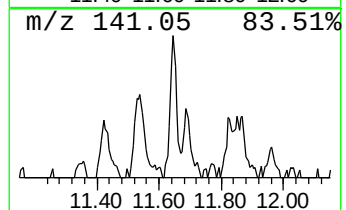
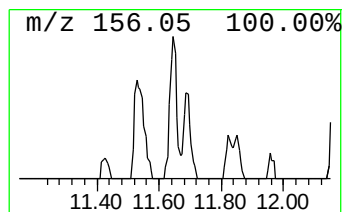
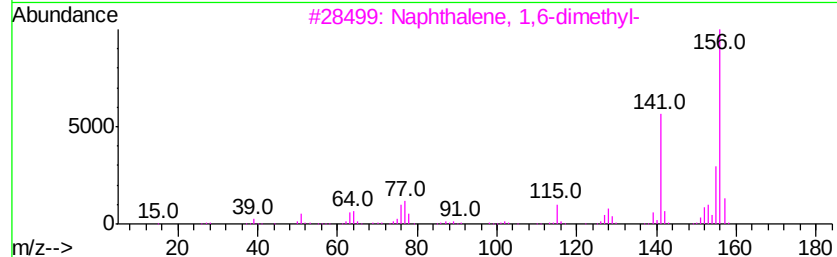
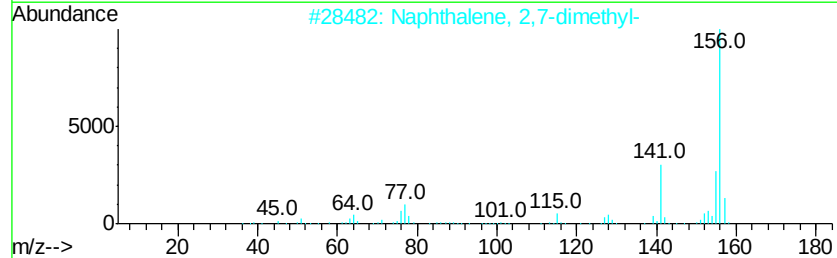
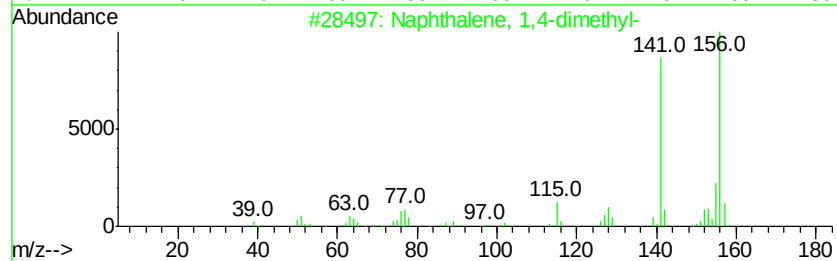
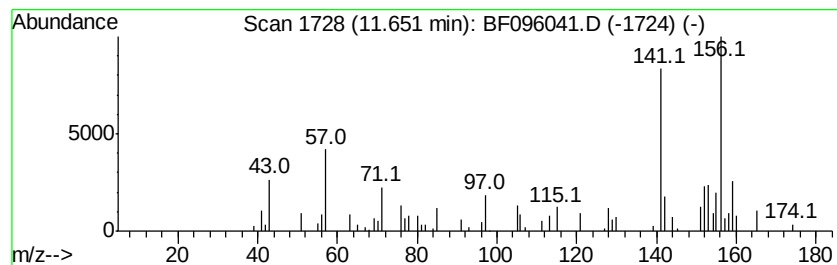
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.69 ng	56196	Acenaphthene-d10	12.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 92
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 90
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 90
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 90
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
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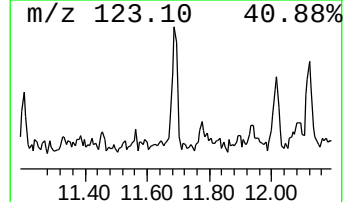
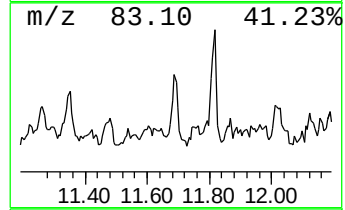
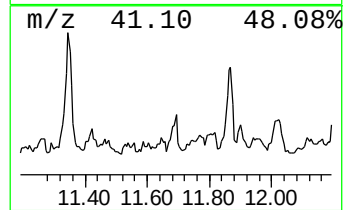
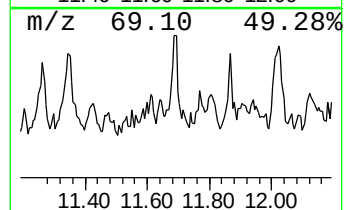
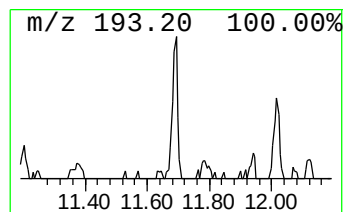
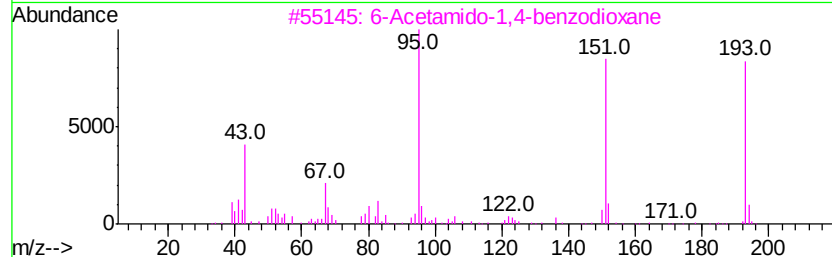
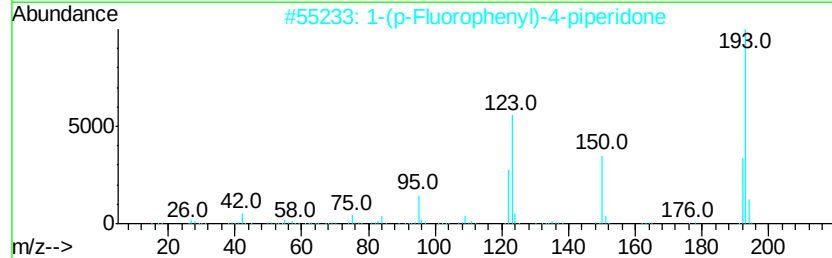
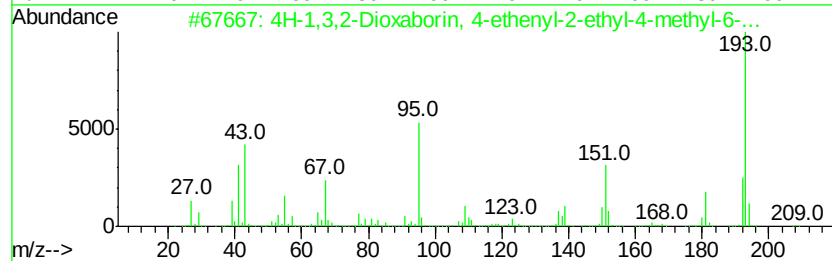
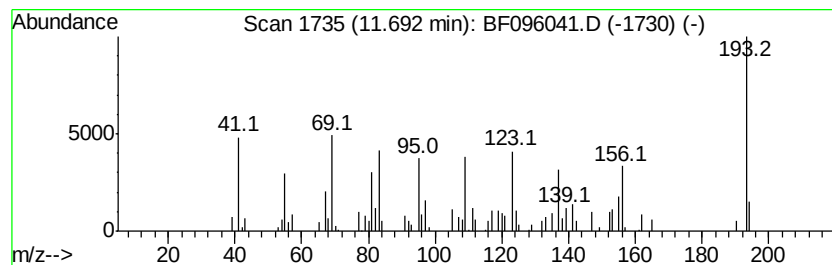
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.69 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.69	4.50 ng	94128	Acenaphthene-d10	12.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21B02	074630-04-9	35
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FN0	1000238-56-7	35
3	6-Acetamido-1,4-benzodioxane	193	C10H11N03	063546-19-0	27
4	1-Methyl-5-nitro-1H-benzoimidazo...	193	C8H7N3O3	066108-85-8	22
5	1-Anthracenamine	193	C14H11N	000610-49-1	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096041.D
Acq On : 20 Jun 2017 12:16
Operator : SJ/MA
Sample : I3686-03 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

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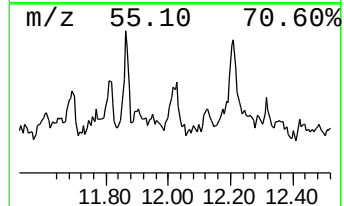
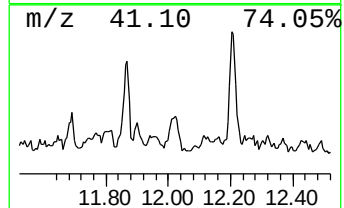
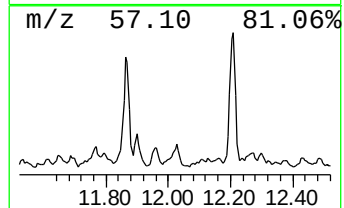
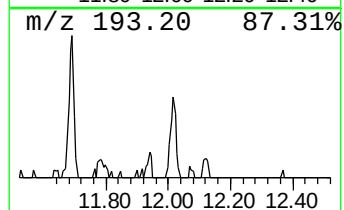
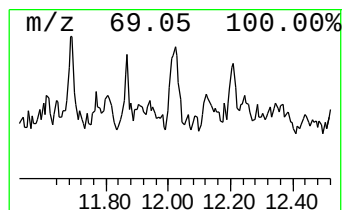
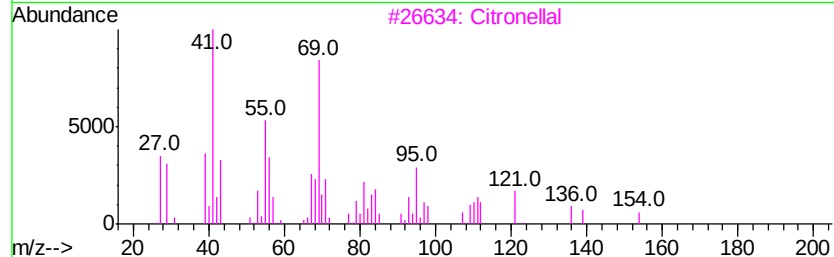
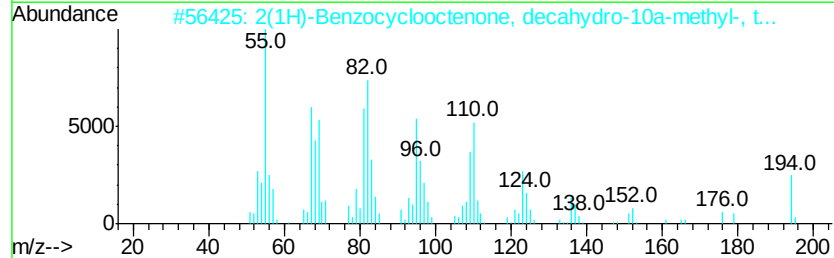
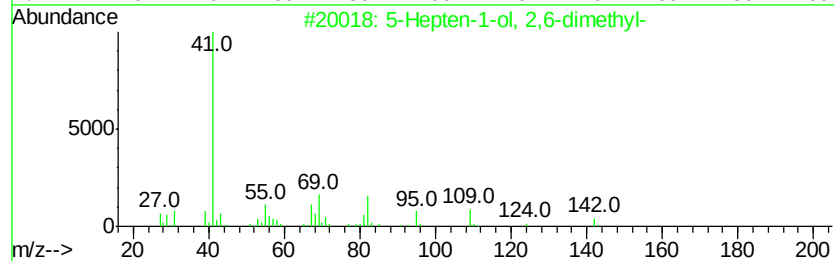
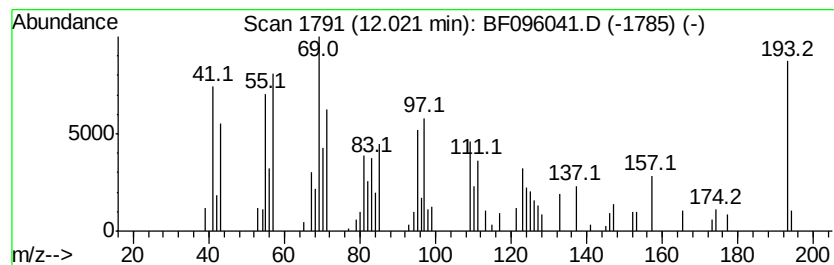
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.70 ng	98232	Acenaphthene-d10	12.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Hepten-1-ol, 2,6-dimethyl-	142	C9H18O	004234-93-9	27
2			2(1H)-Benzocyclooctenone, decahy...	194	C13H22O	055103-68-9	25
3			Citronellal	154	C10H18O	000106-23-0	22
4			6-Octen-1-ol, 3,7-dimethyl-, (R)-	156	C10H20O	001117-61-9	22
5			1-Anthracenamine	193	C14H11N	000610-49-1	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096041.D
Acq On : 20 Jun 2017 12:16
Operator : SJ/MA
Sample : I3686-03 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

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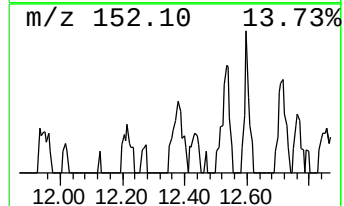
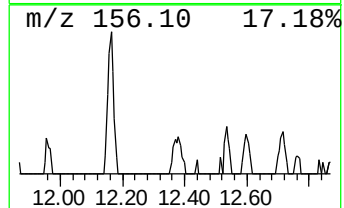
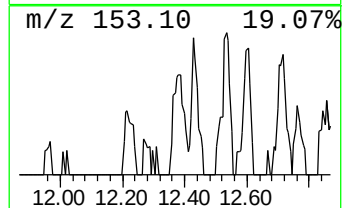
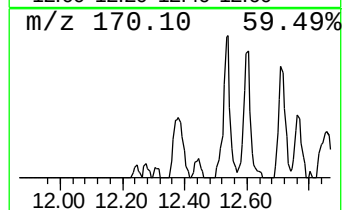
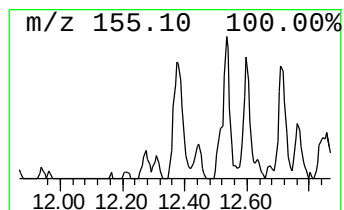
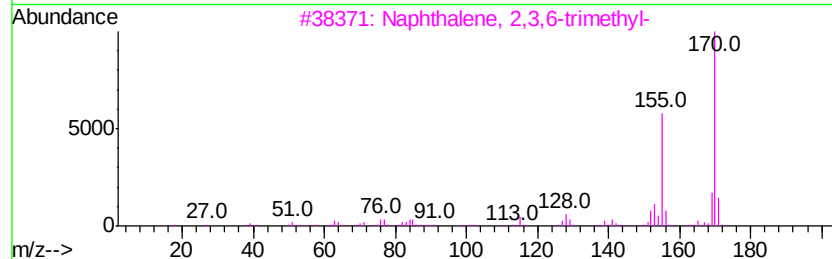
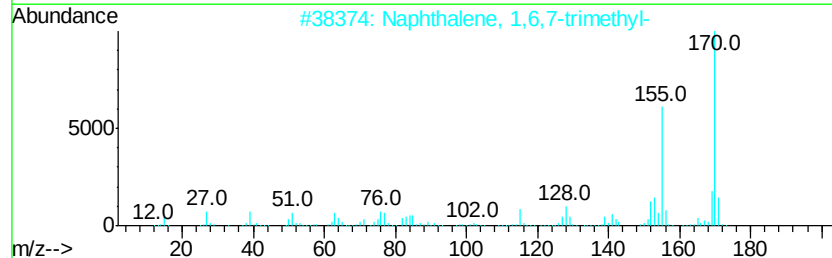
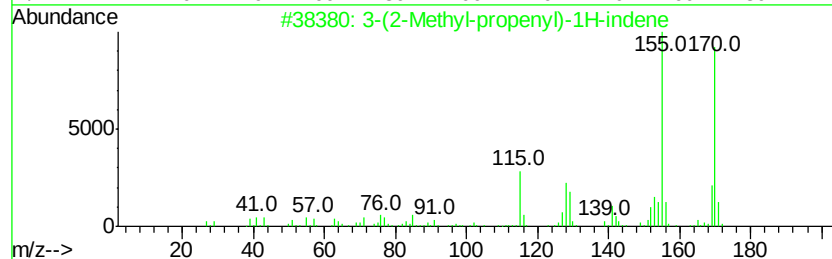
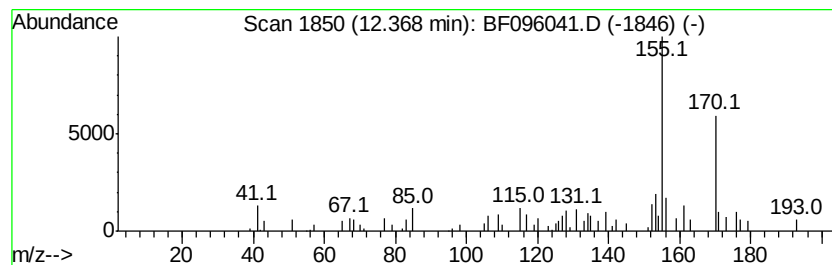
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.33 ng	69614	Acenaphthene-d10	12.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	74
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	74
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	72
4		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	72
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096041.D
Acq On : 20 Jun 2017 12:16
Operator : SJ/MA
Sample : I3686-03 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

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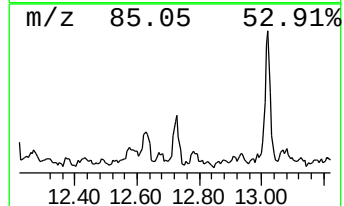
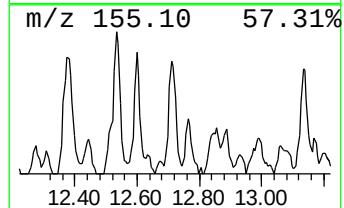
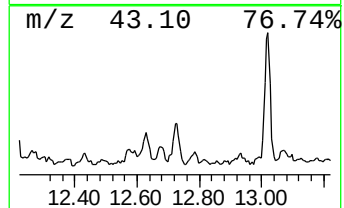
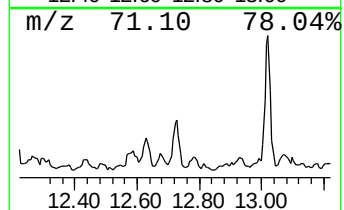
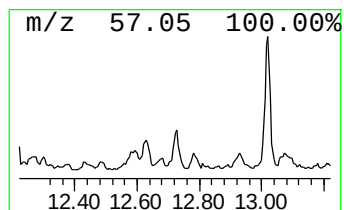
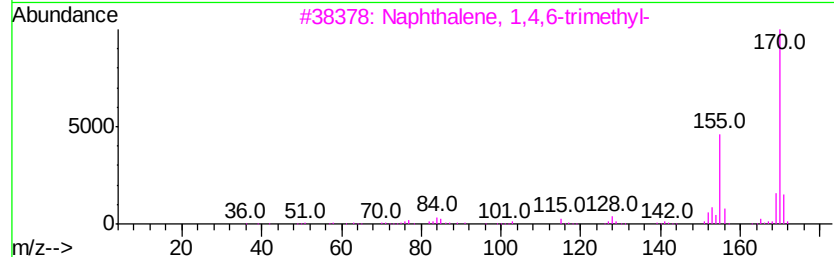
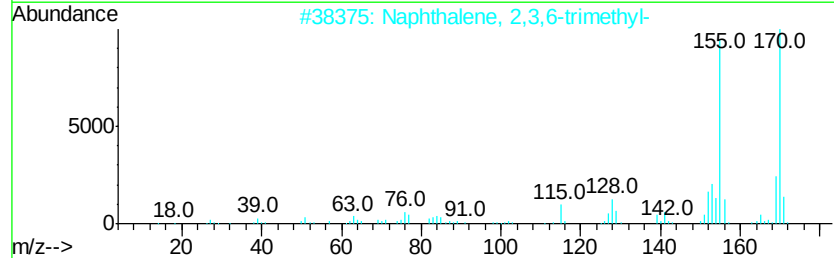
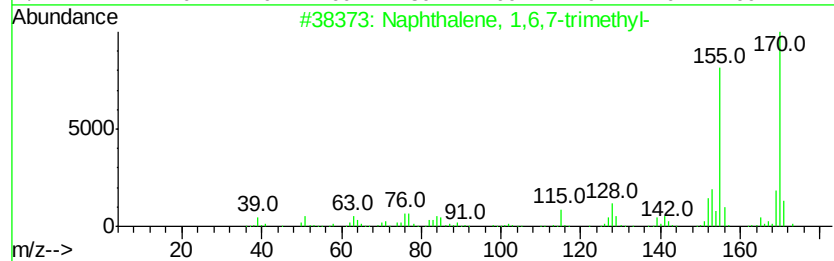
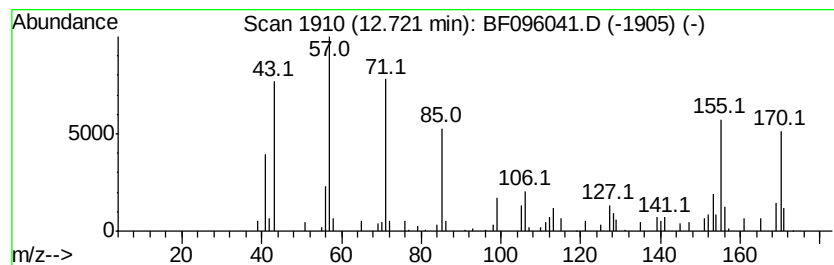
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	5.64 ng	117871	Acenaphthene-d10	12.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096041.D
Acq On : 20 Jun 2017 12:16
Operator : SJ/MA
Sample : I3686-03 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

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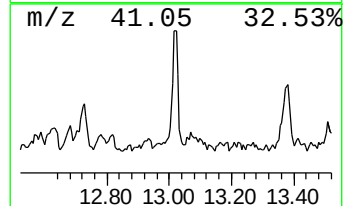
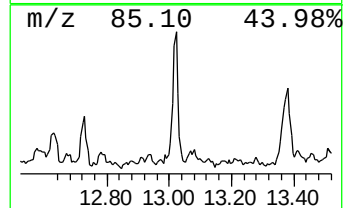
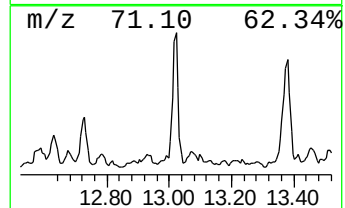
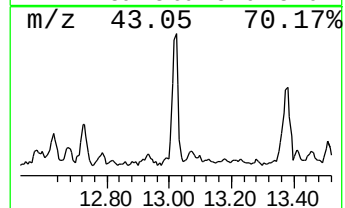
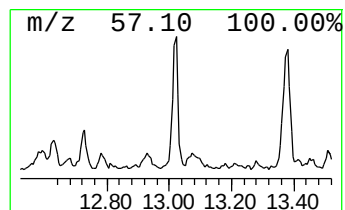
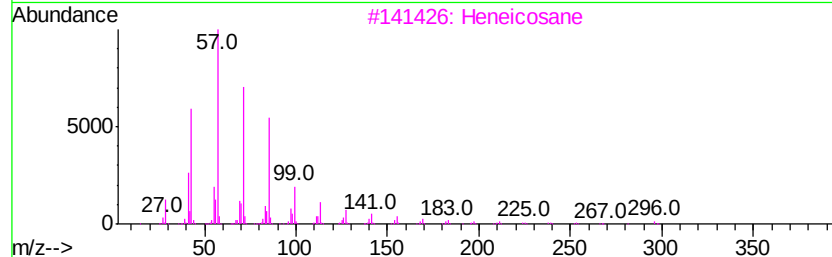
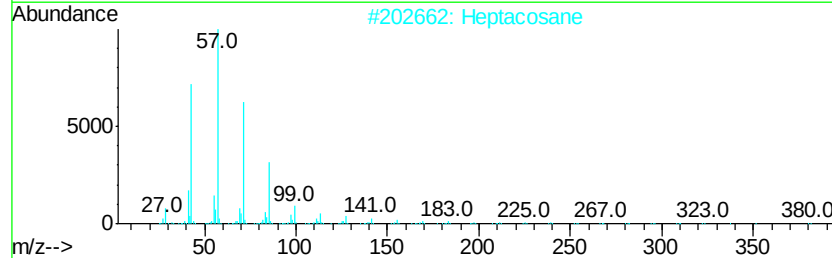
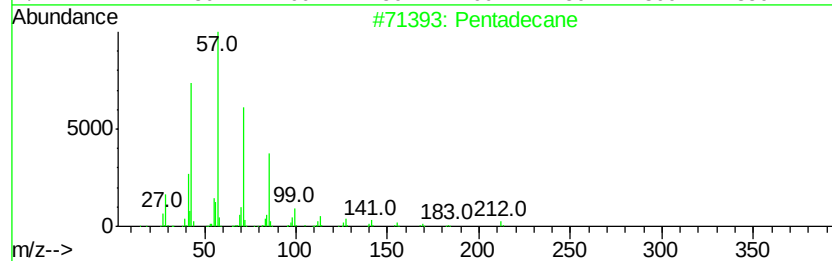
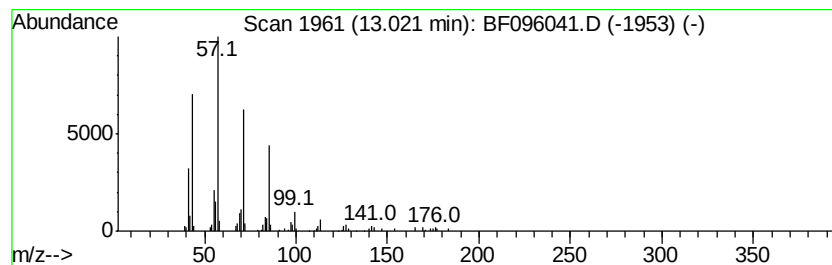
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	8.54 ng	178523	Acenaphthene-d10	12.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	90
2			Heptacosane	380	C27H56	000593-49-7	90
3			Heneicosane	296	C21H44	000629-94-7	83
4			Heptadecane	240	C17H36	000629-78-7	83
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096041.D
Acq On : 20 Jun 2017 12:16
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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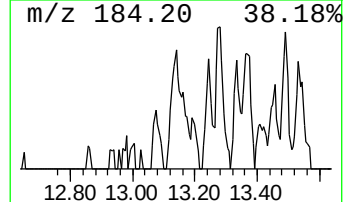
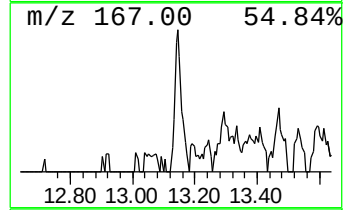
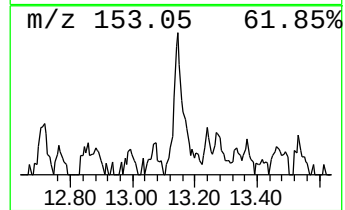
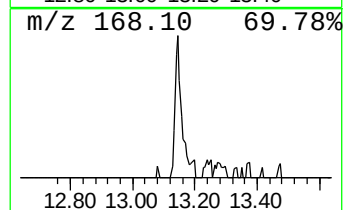
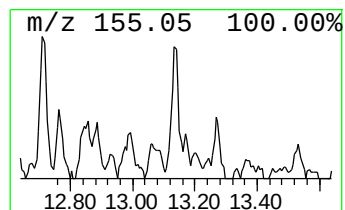
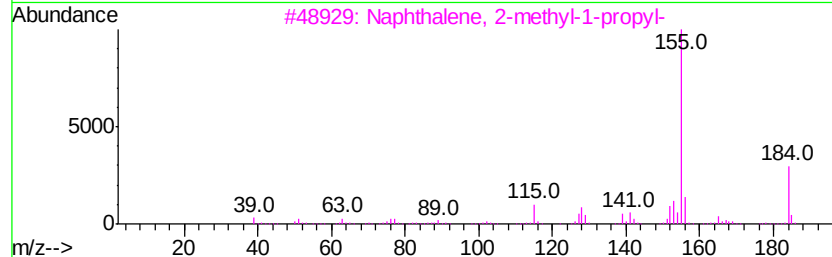
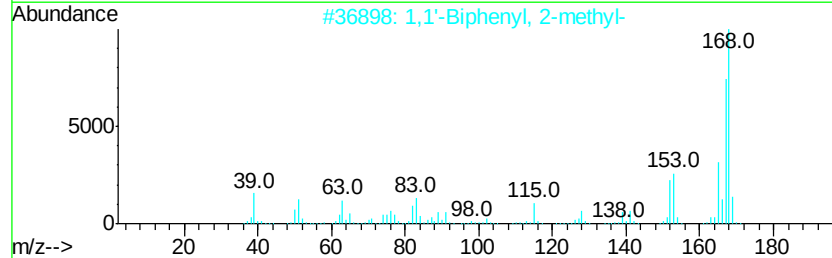
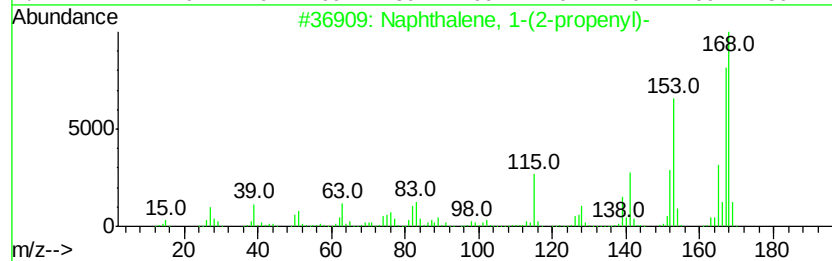
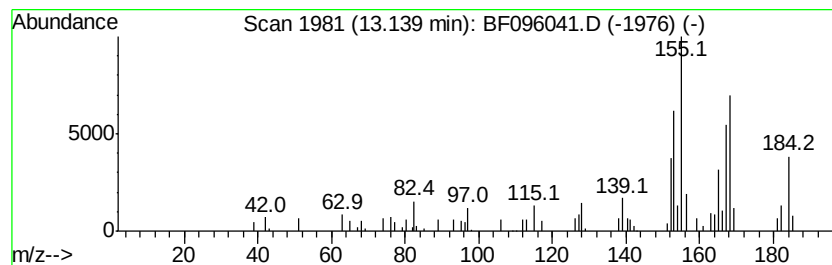
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown13.14 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	3.74 ng	78146	Acenaphthene-d10	12.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	46
2			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46
3			Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	45
4			1-Isopropenyl naphthalene	168	C13H12	001855-47-6	38
5			1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
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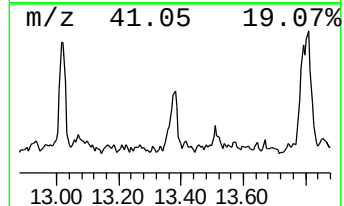
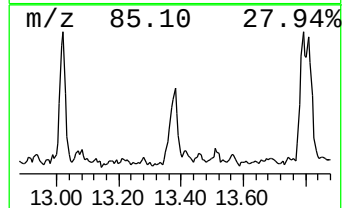
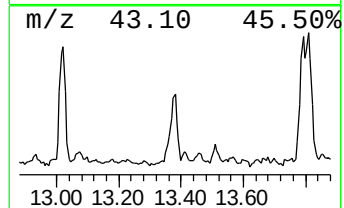
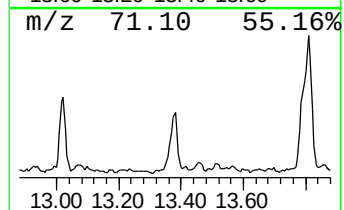
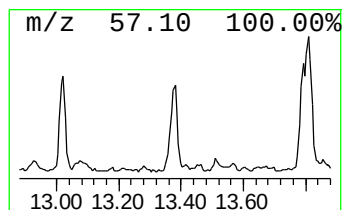
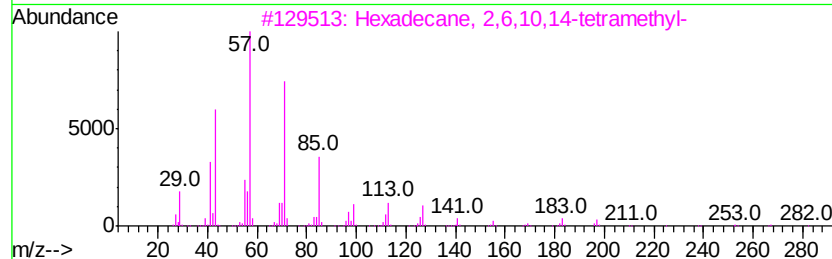
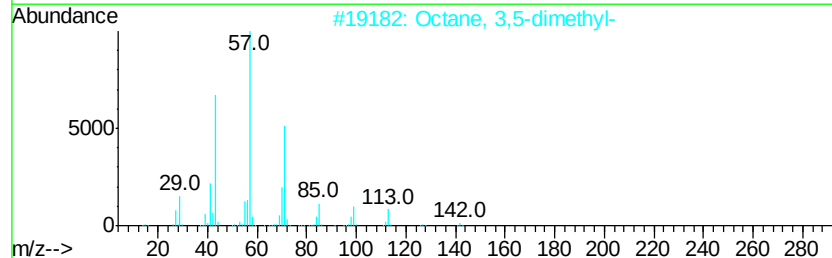
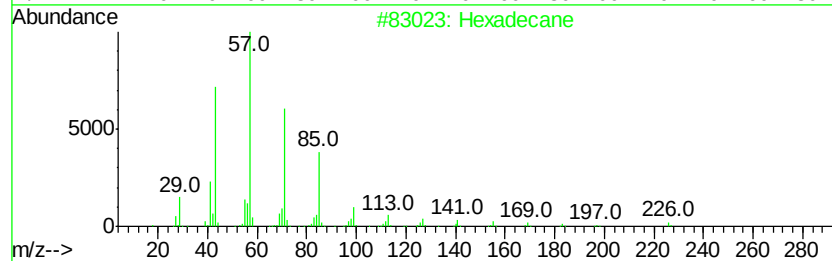
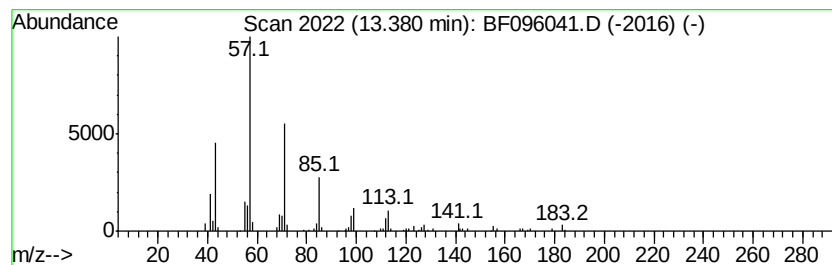
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	6.55 ng	149160	Phenanthrene-d10	14.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	78
2		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	76
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096041.D
Acq On : 20 Jun 2017 12:16
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ALS Vial : 41 Sample Multiplier: 1

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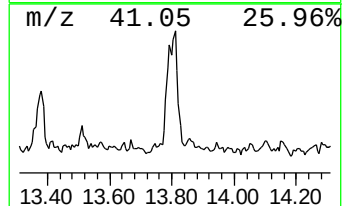
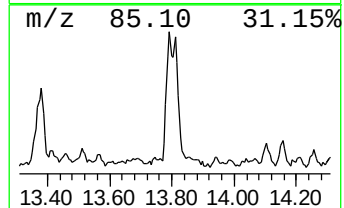
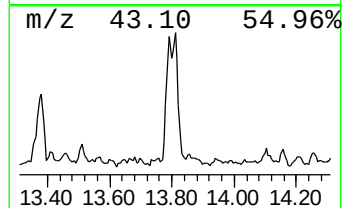
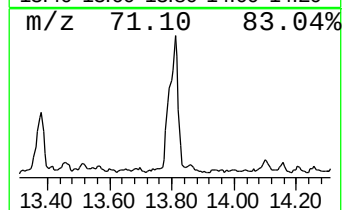
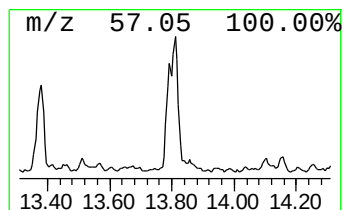
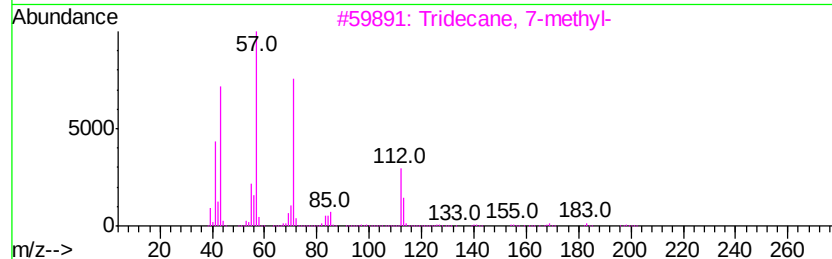
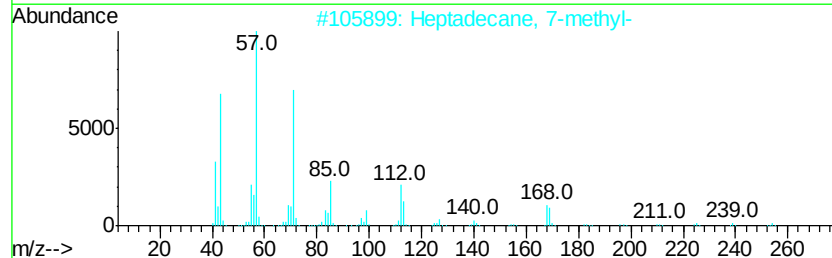
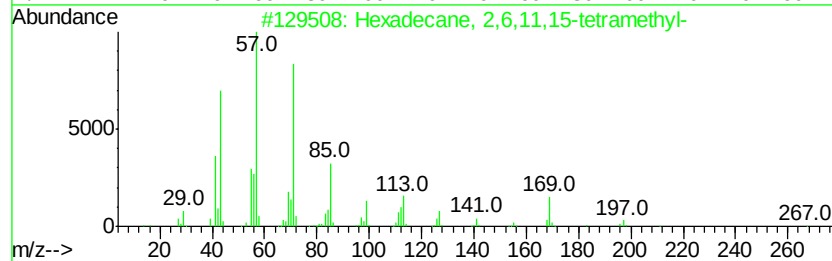
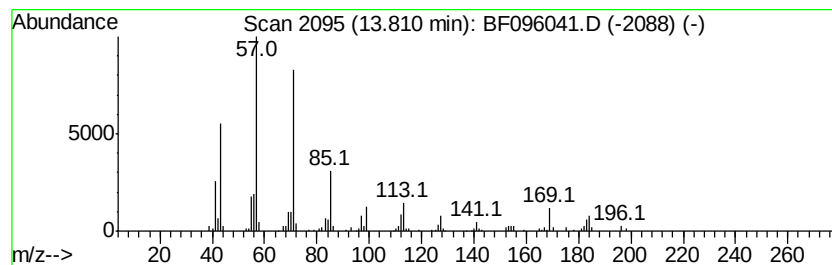
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane, 2,6,11,15-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	18.06 ng	411072	Phenanthrene-d10	14.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	91
2			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	90
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	89
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096041.D
Acq On : 20 Jun 2017 12:16
Operator : SJ/MA
Sample : I3686-03 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

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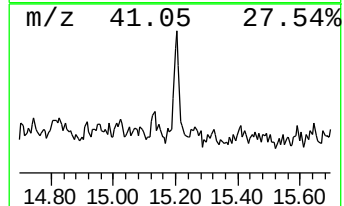
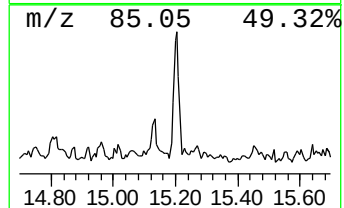
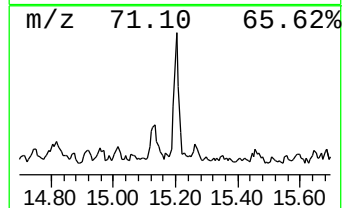
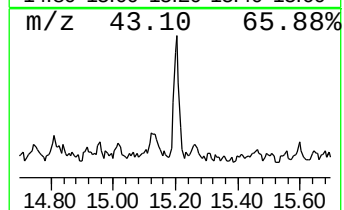
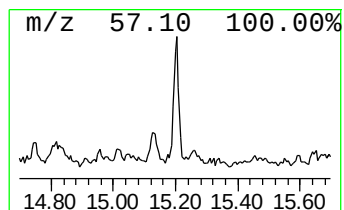
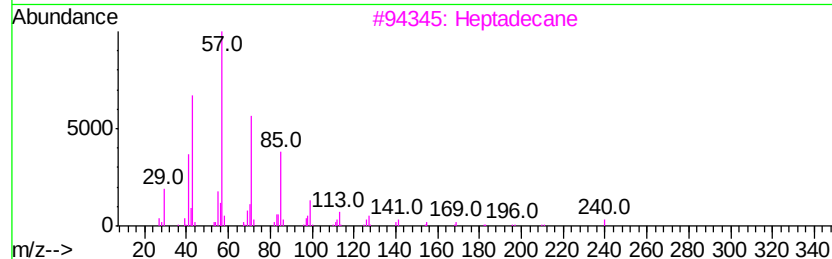
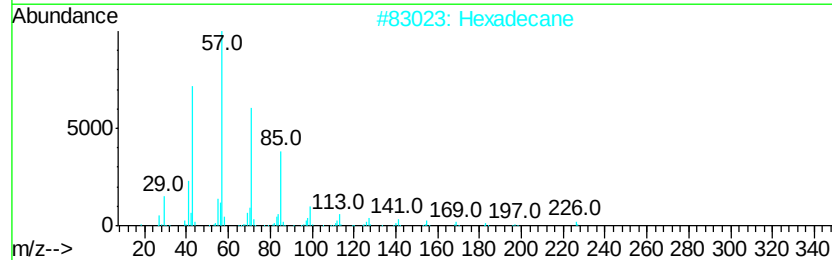
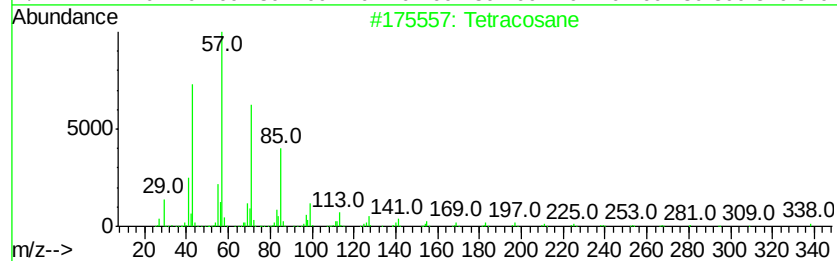
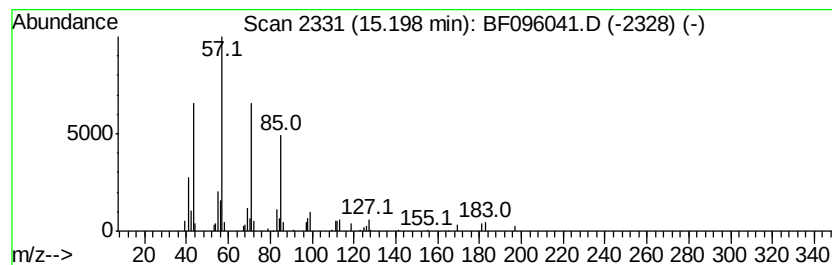
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	3.08 ng	70130	Phenanthrene-d10	14.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Heptadecane	240	C17H36	000629-78-7	86
4		Heneicosane	296	C21H44	000629-94-7	86
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
 Data File : BF096041.D
 Acq On : 20 Jun 2017 12:16
 Operator : SJ/MA
 Sample : I3686-03 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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
unknown6.99	6.99	11.5	ng	195831	1	7.30	340079	20.0
Decane, 4-methyl-	7.40	2.8	ng	47198	1	7.30	340079	20.0
1-Decanol, 2-ethyl-	8.35	3.0	ng	84338	2	9.34	568192	20.0
Hexatriacontane	9.44	5.0	ng	143115	2	9.34	568192	20.0
Undecane, 3,6-dim...	9.56	3.9	ng	111324	2	9.34	568192	20.0
Decane, 2,6,7-tri...	10.15	4.8	ng	135847	2	9.34	568192	20.0
Tridecane	10.43	5.6	ng	160208	2	9.34	568192	20.0
Tetradecane	11.35	10.6	ng	221393	3	12.16	418039	20.0
Naphthalene, 1,4-...	11.65	2.7	ng	56196	3	12.16	418039	20.0
unknown11.69	11.69	4.5	ng	94128	3	12.16	418039	20.0
unknown12.02	12.02	4.7	ng	98232	3	12.16	418039	20.0
3-(2-Methyl-prope...	12.37	3.3	ng	69614	3	12.16	418039	20.0
Naphthalene, 1,6,...	12.72	5.6	ng	117871	3	12.16	418039	20.0
Pentadecane	13.02	8.5	ng	178523	3	12.16	418039	20.0
unknown13.14	13.14	3.7	ng	78146	3	12.16	418039	20.0
Hexadecane	13.38	6.5	ng	149160	4	14.56	455162	20.0
Hexadecane, 2,6,1...	13.81	18.1	ng	411072	4	14.56	455162	20.0
Tetracosane	15.20	3.1	ng	70130	4	14.56	455162	20.0