

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096746.D
 Acq On : 13 Jul 2017 23:58
 Operator : SJ/JU
 Sample : I4146-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-C

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-BF071317.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	4.140	362	366	375	rBV	219836	285331	14.19%	1.006%
2	4.804	475	479	492	rVB	523967	662088	32.94%	2.333%
3	5.240	549	553	563	rVB	1685892	1577211	78.46%	5.558%
4	5.893	660	664	666	rBV	59926	61374	3.05%	0.216%
5	6.181	709	713	720	rVB3	44741	80786	4.02%	0.285%
6	6.240	720	723	725	rBV	56039	45941	2.29%	0.162%
7	6.275	725	729	734	rBV	1884459	2010100	100.00%	7.084%
8	6.404	744	751	754	rBV	2073257	1888896	93.97%	6.657%
9	6.487	763	765	770	rVB	246201	220888	10.99%	0.778%
10	6.634	787	790	794	rVV	866362	710434	35.34%	2.504%
11	6.669	794	796	799	rVB2	127935	95303	4.74%	0.336%
12	6.698	799	801	806	rBV3	53159	75165	3.74%	0.265%
13	6.792	813	817	822	rVB	1922948	1636537	81.42%	5.768%
14	6.928	835	840	843	rVB5	61312	97669	4.86%	0.344%
15	6.963	843	846	848	rBV	97684	76505	3.81%	0.270%
16	6.992	848	851	855	rBV	77679	70391	3.50%	0.248%
17	7.039	855	859	862	rBV2	112776	108813	5.41%	0.383%
18	7.198	877	886	889	rBV	1432080	1364697	67.89%	4.810%
19	7.251	892	895	898	rVV	468957	390927	19.45%	1.378%
20	7.292	898	902	906	rVB6	60861	95401	4.75%	0.336%
21	7.363	912	914	917	rVB2	44824	44157	2.20%	0.156%
22	7.416	918	923	925	rVV4	37729	48144	2.40%	0.170%
23	7.439	925	927	933	rVB2	110157	140402	6.98%	0.495%
24	7.563	940	948	950	rBV5	74530	132926	6.61%	0.468%
25	7.622	954	958	961	rBV2	50106	66245	3.30%	0.233%
26	7.657	961	964	967	rBV4	68892	84490	4.20%	0.298%
27	7.686	967	969	975	rVB2	86000	89803	4.47%	0.316%
28	7.734	975	977	979	rBV	63261	50053	2.49%	0.176%
29	7.757	979	981	985	rVB3	50534	49131	2.44%	0.173%
30	7.916	1004	1008	1012	rBV2	1294058	1275705	63.46%	4.496%
31	7.998	1020	1022	1025	rBV	113912	97075	4.83%	0.342%
32	8.098	1034	1039	1041	rBV5	31362	43444	2.16%	0.153%
33	8.222	1052	1060	1063	rBV5	64878	100273	4.99%	0.353%
34	8.281	1067	1070	1072	rBV3	54279	43202	2.15%	0.152%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.316	1072	1076	1080	rVB3	76661	76396	3.80%	0.269%
36	8.363	1080	1084	1092	rVB	165118	204355	10.17%	0.720%
37	8.428	1092	1095	1099	rBV3	57472	51683	2.57%	0.182%
38	8.528	1109	1112	1115	rVV	454117	381477	18.98%	1.344%
39	8.581	1118	1121	1125	rVV3	52277	75172	3.74%	0.265%
40	8.628	1125	1129	1132	rVB3	105058	113486	5.65%	0.400%
41	8.728	1143	1146	1147	rBV	63900	47181	2.35%	0.166%
42	8.810	1157	1160	1162	rBV	47741	44055	2.19%	0.155%
43	8.839	1162	1165	1167	rVV4	39966	51111	2.54%	0.180%
44	8.892	1171	1174	1176	rVV2	55077	51422	2.56%	0.181%
45	8.957	1183	1185	1187	rVV	138669	100622	5.01%	0.355%
46	8.998	1187	1192	1195	rVB	1915170	1833869	91.23%	6.463%
47	9.092	1203	1208	1212	rBV	402613	351450	17.48%	1.239%
48	9.145	1214	1217	1220	rVB2	38731	42738	2.13%	0.151%
49	9.257	1231	1236	1239	rBV2	51309	78913	3.93%	0.278%
50	9.328	1246	1248	1250	rVV	65680	64451	3.21%	0.227%
51	9.351	1250	1252	1255	rVV2	61277	65792	3.27%	0.232%
52	9.386	1255	1258	1261	rVV	373959	364104	18.11%	1.283%
53	9.410	1261	1262	1264	rVV	120411	81440	4.05%	0.287%
54	9.428	1264	1265	1269	rVB3	36148	39878	1.98%	0.141%
55	9.622	1295	1298	1301	rBV	269734	223238	11.11%	0.787%
56	9.669	1301	1306	1309	rBV	896470	824091	41.00%	2.904%
57	9.698	1309	1311	1314	rVB	94075	71831	3.57%	0.253%
58	9.875	1333	1341	1344	rVV3	79946	135452	6.74%	0.477%
59	9.910	1344	1347	1349	rVV	43138	40478	2.01%	0.143%
60	9.939	1349	1352	1356	rVB	72030	73102	3.64%	0.258%
61	9.980	1356	1359	1362	rBV2	37028	50108	2.49%	0.177%
62	10.116	1379	1382	1385	rVB	250002	190824	9.49%	0.673%
63	10.210	1396	1398	1400	rBV	84630	62060	3.09%	0.219%
64	10.339	1416	1420	1423	rBV	102004	118200	5.88%	0.417%
65	10.422	1431	1434	1436	rBV2	40221	43600	2.17%	0.154%
66	10.451	1436	1439	1443	rVB	382196	364802	18.15%	1.286%
67	10.586	1459	1462	1469	rBV	271266	350479	17.44%	1.235%
68	10.786	1493	1496	1499	rBV4	36862	45769	2.28%	0.161%
69	11.033	1535	1538	1541	rBV2	216789	188925	9.40%	0.666%
70	11.069	1541	1544	1549	rVB	102638	104262	5.19%	0.367%
71	11.145	1553	1557	1559	rBV	755503	648305	32.25%	2.285%

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72	11.169	1559	1561	1564	rVV	692807	514778	25.61%	1.814%
73	11.216	1566	1569	1573	rVB	194922	191881	9.55%	0.676%
74	11.374	1594	1596	1601	rBV2	48588	61595	3.06%	0.217%
75	11.463	1605	1611	1616	rBV2	165014	180604	8.98%	0.636%
76	11.557	1624	1627	1631	rVB2	47427	46381	2.31%	0.163%
77	11.645	1640	1642	1644	rBV	77792	60737	3.02%	0.214%
78	11.674	1644	1647	1652	rVB	109267	100567	5.00%	0.354%
79	11.757	1657	1661	1663	rBV	128338	135078	6.72%	0.476%
80	11.780	1663	1665	1667	rVB	52491	41837	2.08%	0.147%
81	11.869	1677	1680	1684	rVB	156915	140290	6.98%	0.494%
82	11.945	1689	1693	1694	rBV	77853	78717	3.92%	0.277%
83	12.198	1733	1736	1739	rBV2	61870	76385	3.80%	0.269%
84	12.257	1744	1746	1748	rVB2	145168	116330	5.79%	0.410%
85	12.351	1759	1762	1766	rVV	661140	575006	28.61%	2.026%
86	12.580	1796	1801	1803	rBV	498187	563265	28.02%	1.985%
87	12.627	1806	1809	1811	rBV	141777	108367	5.39%	0.382%
88	12.698	1819	1821	1823	rBV	49996	50335	2.50%	0.177%
89	12.733	1823	1827	1833	rVB	1298111	1329876	66.16%	4.687%
90	12.910	1855	1857	1862	rVB2	85158	81903	4.07%	0.289%
91	12.980	1866	1869	1872	rBV2	151438	141150	7.02%	0.497%
92	13.010	1872	1874	1877	rBV3	64988	70714	3.52%	0.249%
93	13.321	1925	1927	1931	rVB	159644	137757	6.85%	0.485%
94	13.527	1958	1962	1964	rBV2	152097	198082	9.85%	0.698%
95	13.651	1980	1983	1987	rVB2	206434	221147	11.00%	0.779%
96	13.774	2000	2004	2007	rBV2	710910	819991	40.79%	2.890%
97	13.963	2034	2036	2040	rVB	146228	134811	6.71%	0.475%
98	14.274	2086	2089	2092	rVB	188830	205640	10.23%	0.725%
99	14.563	2136	2138	2144	rBV2	180356	248669	12.37%	0.876%
100	15.162	2237	2240	2243	rVB	255026	268353	13.35%	0.946%

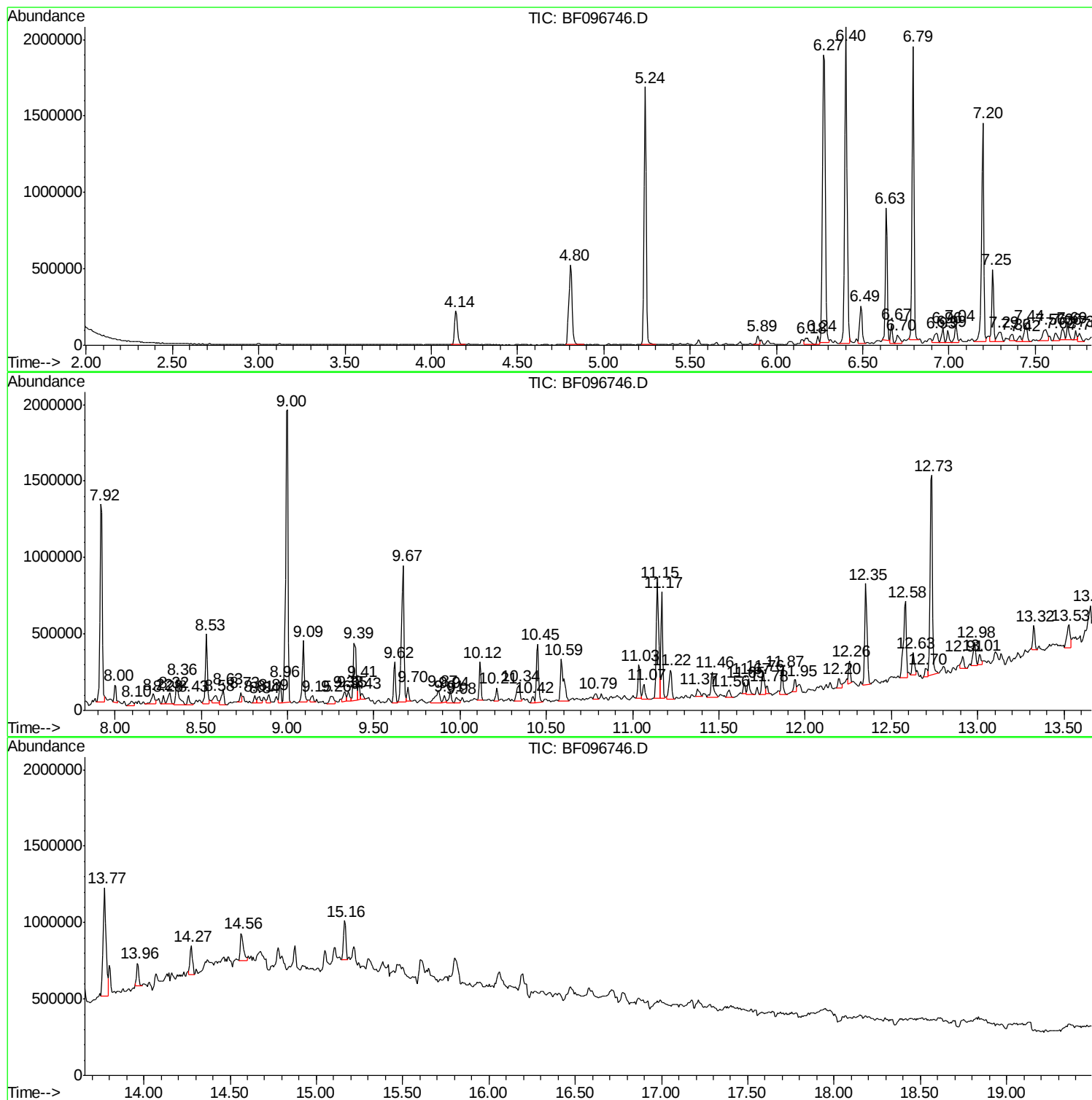
Sum of corrected areas: 28374874

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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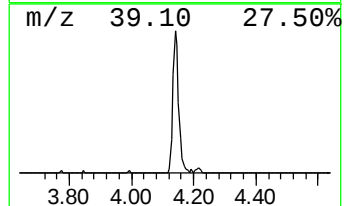
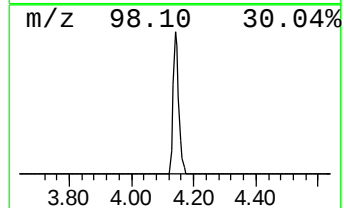
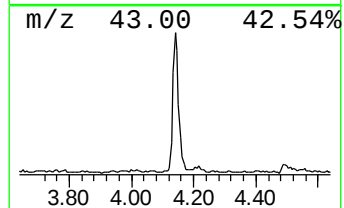
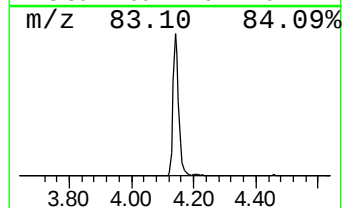
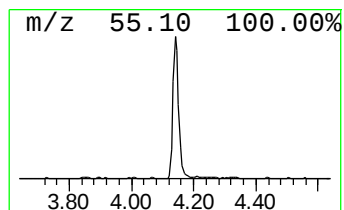
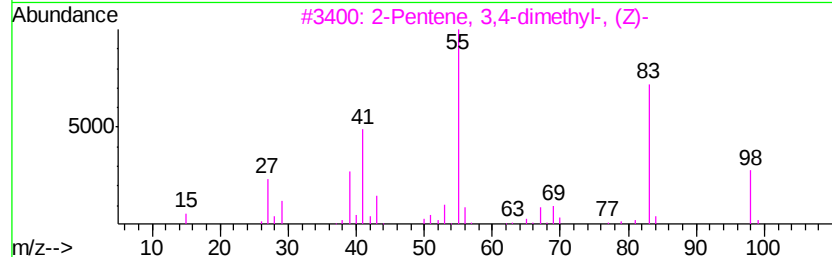
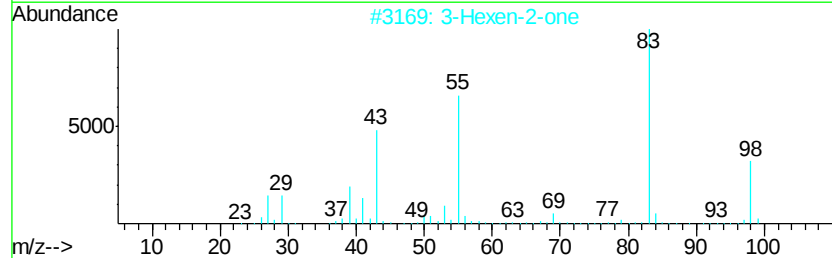
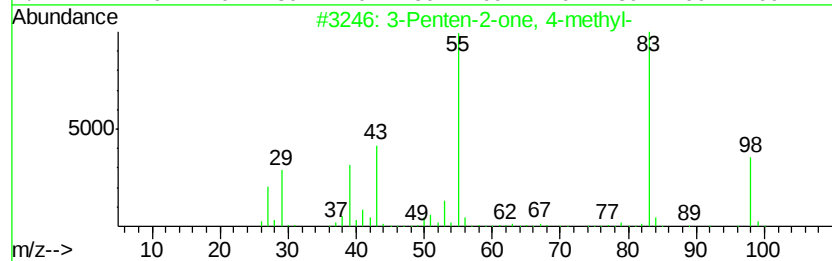
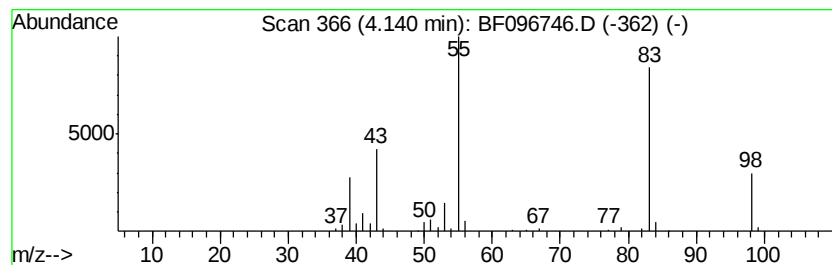
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.14	8.03 ng	285331	1,4-Dichlorobenzene-d4	6.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2			3-Hexen-2-one	98	C6H10O	000763-93-9	86
3			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80
4			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72
5			2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	72



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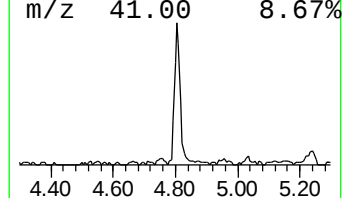
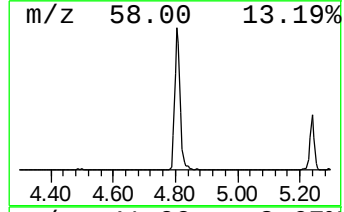
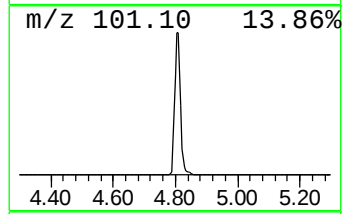
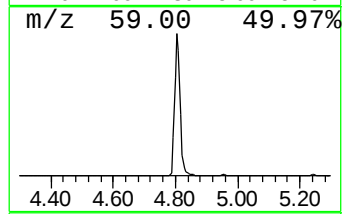
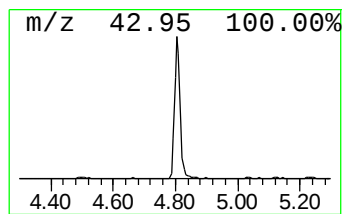
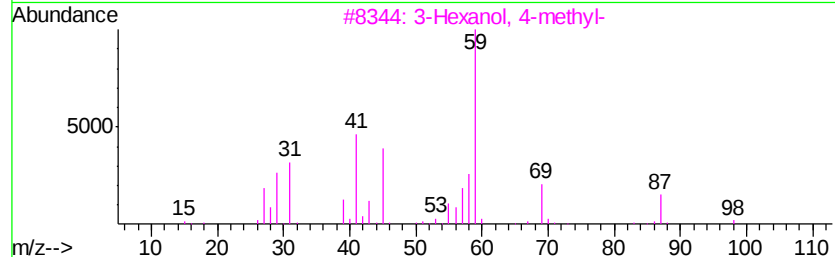
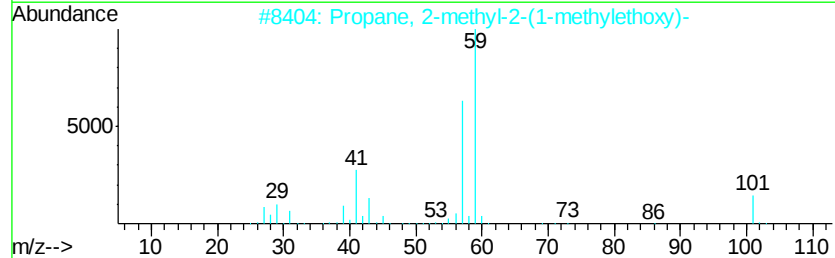
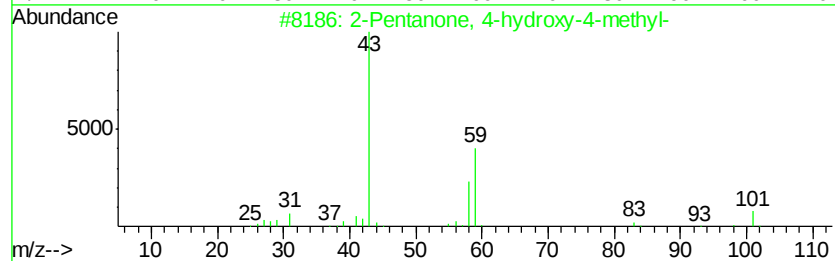
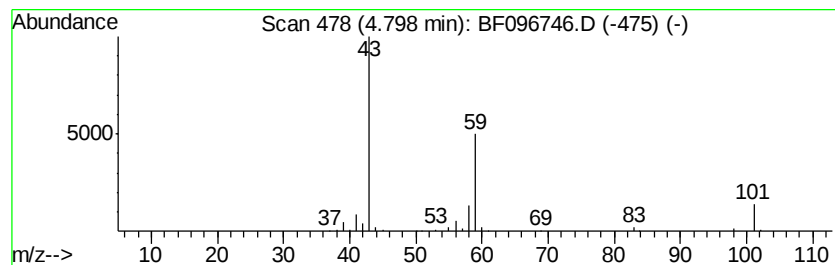
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	18.64 ng	662088	1,4-Dichlorobenzene-d4	6.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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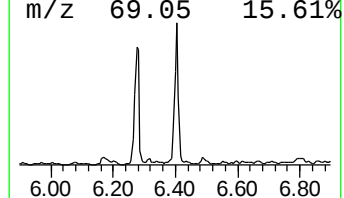
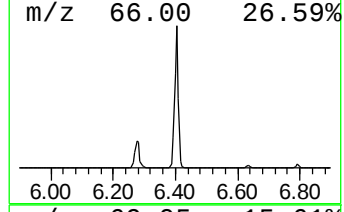
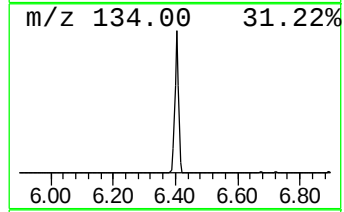
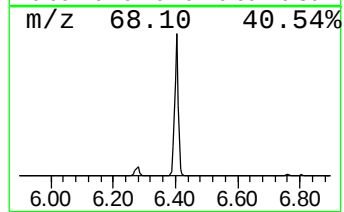
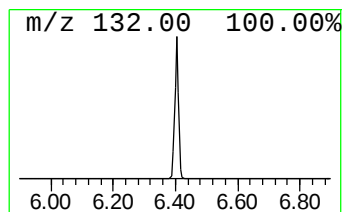
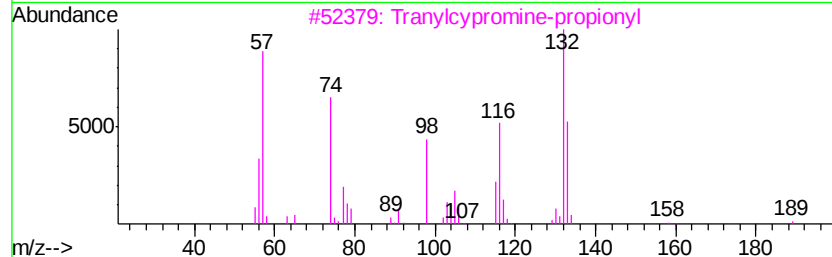
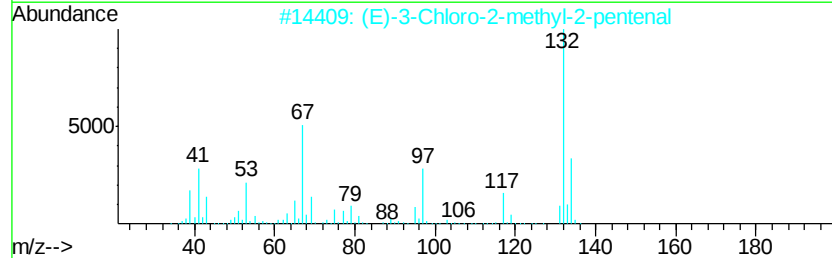
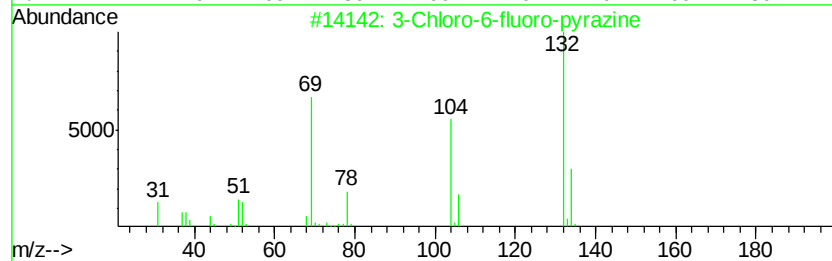
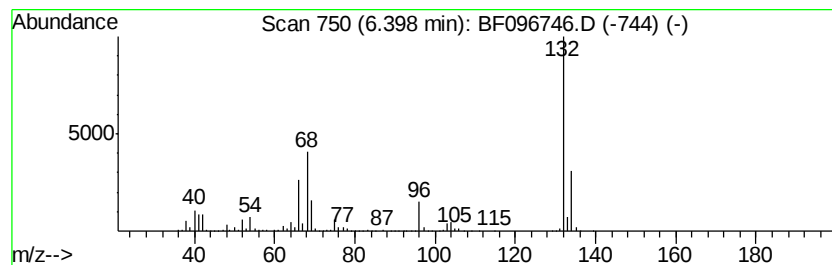
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	53.18 ng	1888900	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
Sample : I4146-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

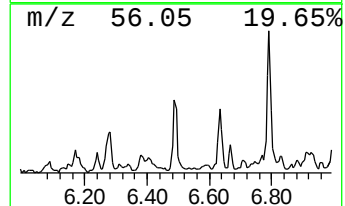
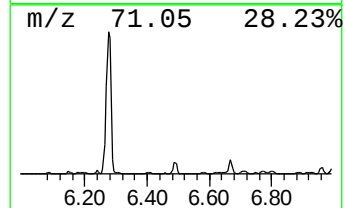
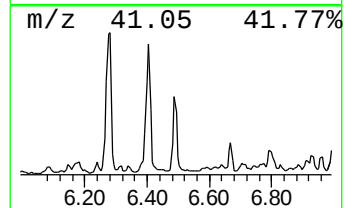
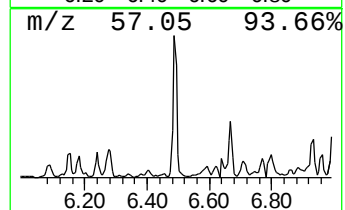
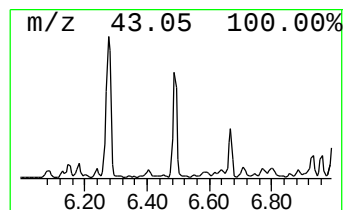
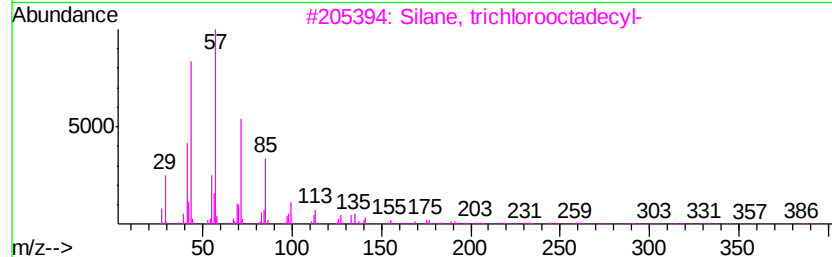
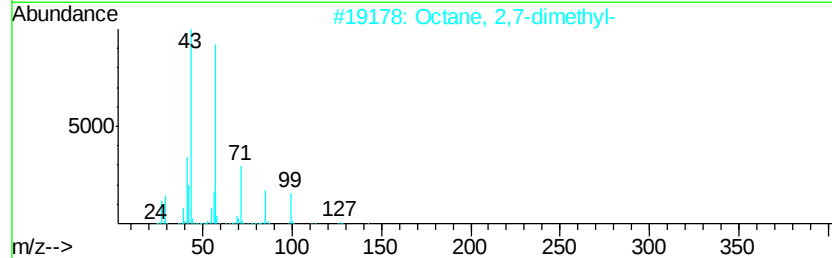
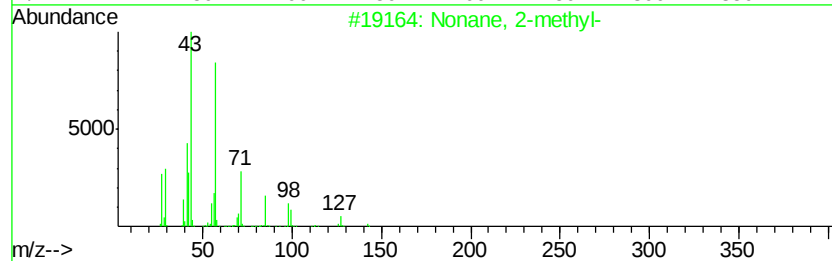
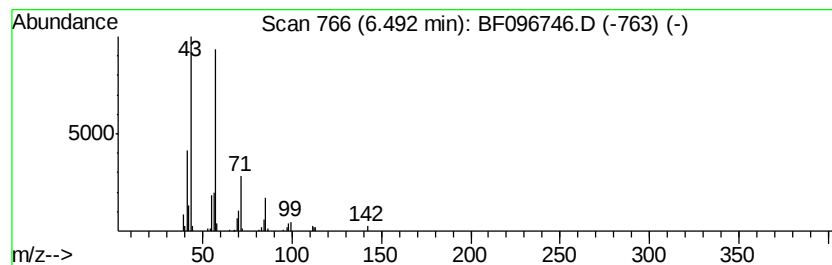
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	6.22 ng	220888	1,4-Dichlorobenzene-d4	6.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2-methyl-	142	C10H22	000871-83-0	72
2			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	72
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
4			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	72
5			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
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ClientSampleId :
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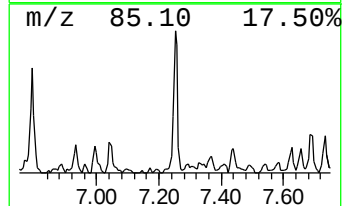
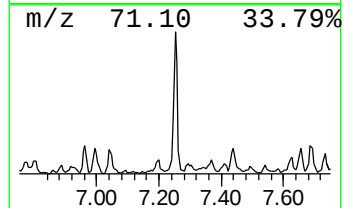
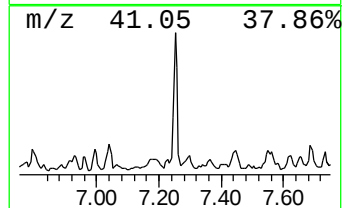
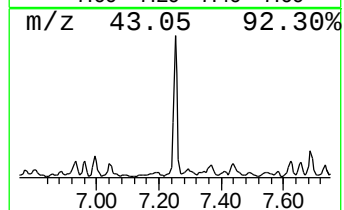
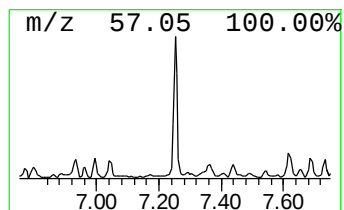
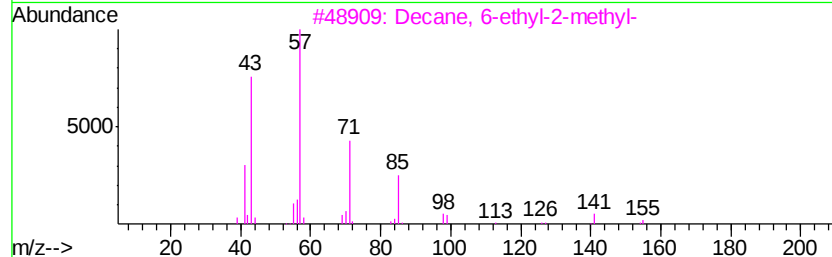
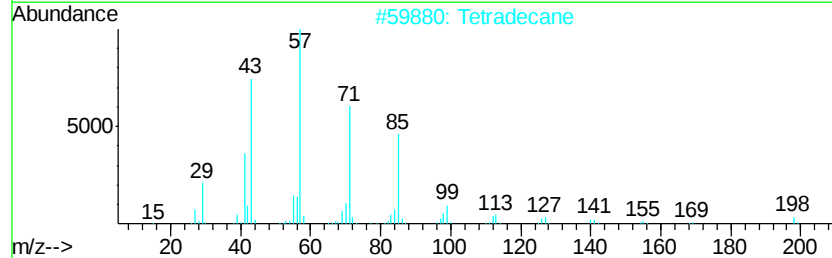
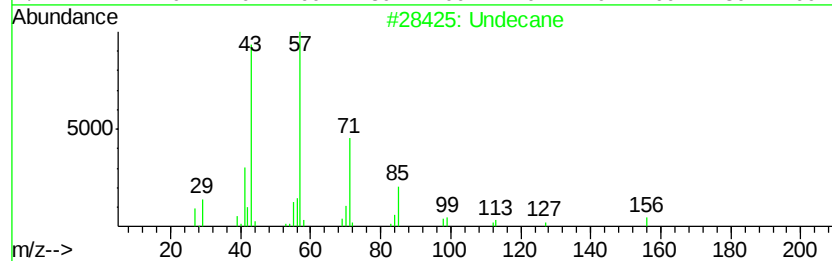
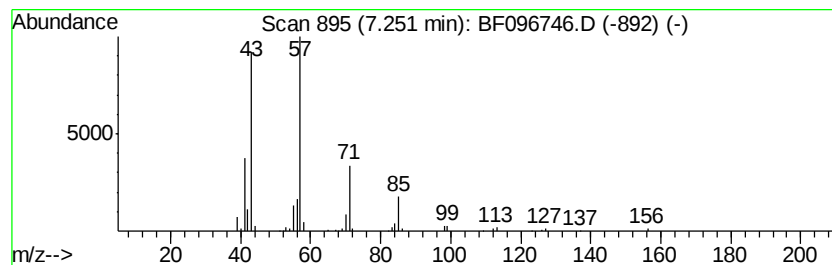
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	11.01 ng	390927	1,4-Dichlorobenzene-d4	6.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	83
2	Tetradecane		198	C14H30	000629-59-4	78
3	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	78
4	Decane		142	C10H22	000124-18-5	78
5	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
Sample : I4146-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

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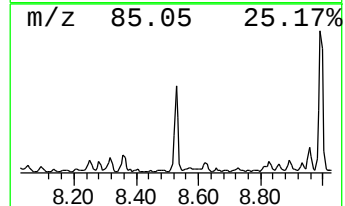
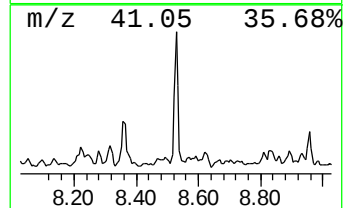
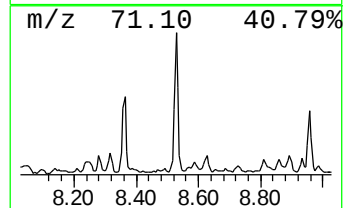
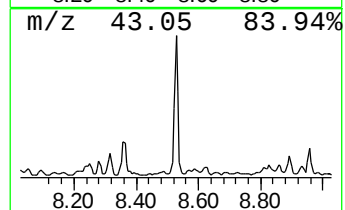
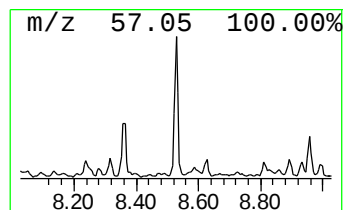
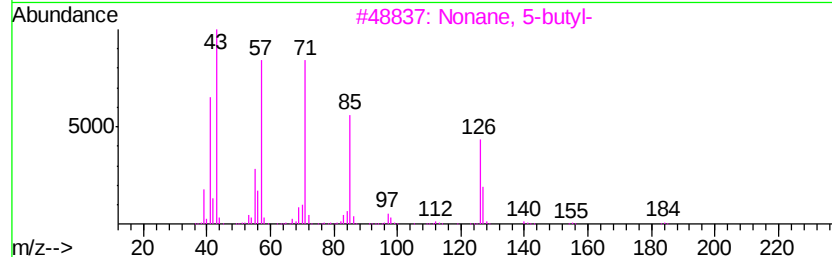
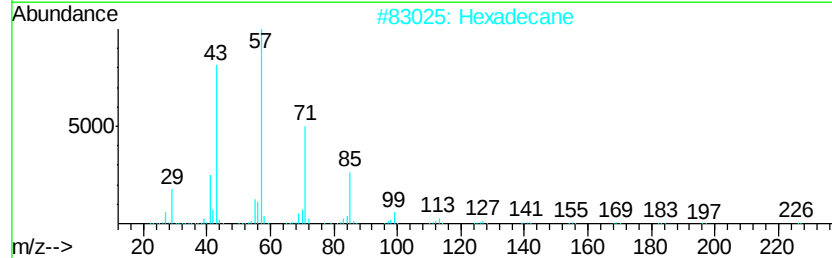
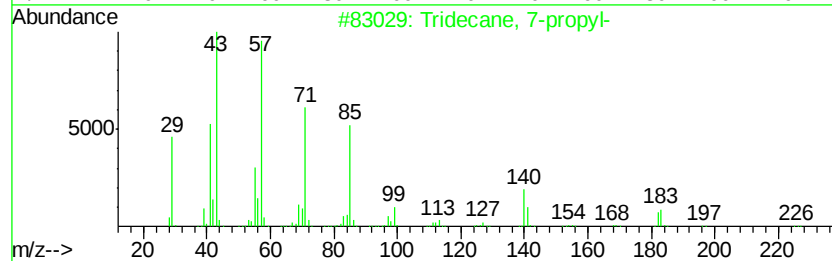
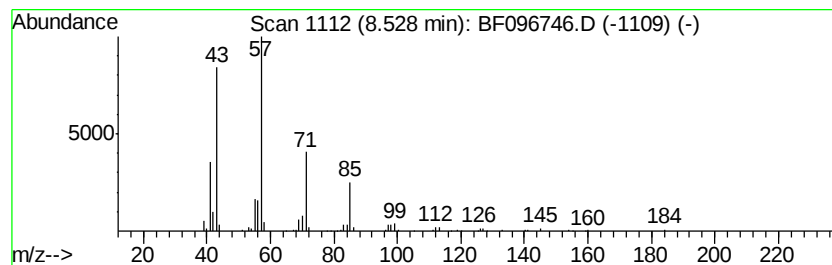
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 7-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	5.98 ng	381477	Naphthalene-d8	7.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72	
2	Hexadecane	226	C16H34	000544-76-3	72	
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	68	
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	64	
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	62	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
Sample : I4146-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

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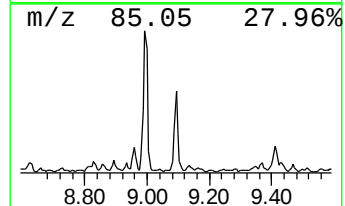
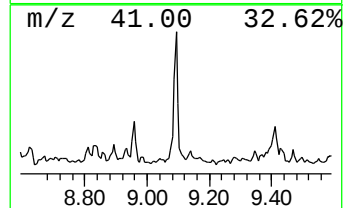
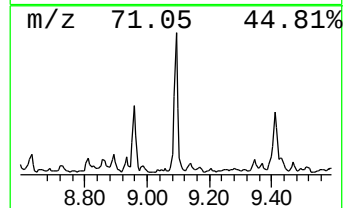
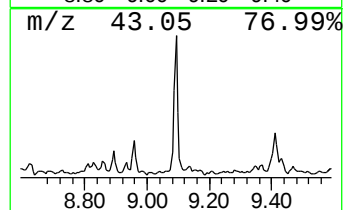
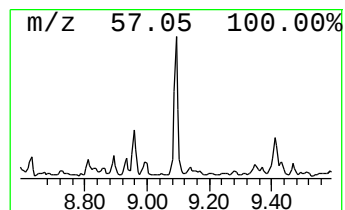
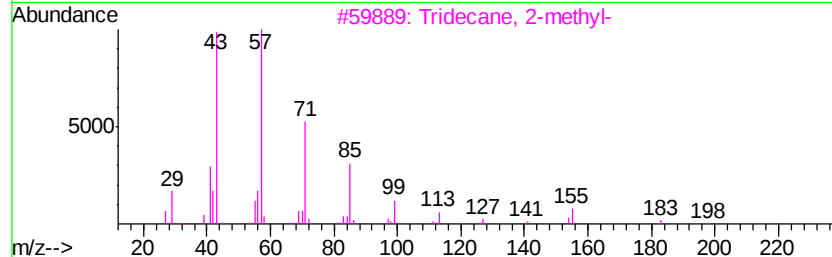
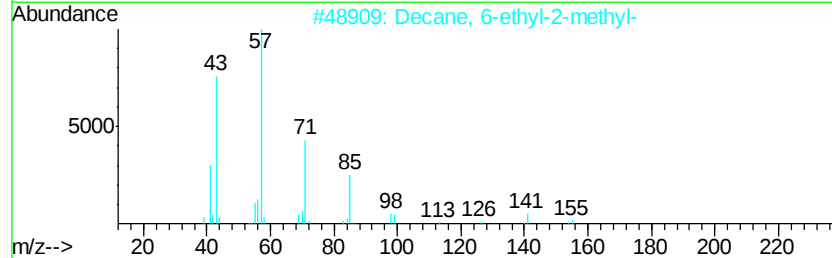
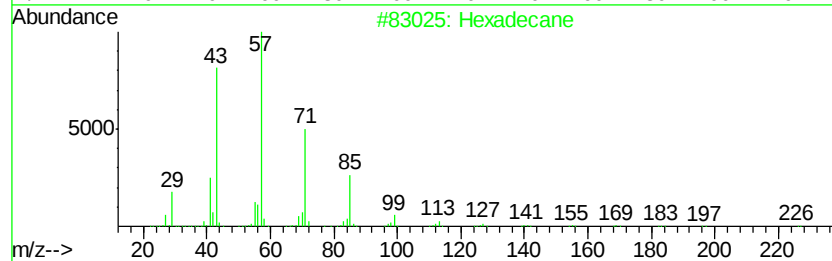
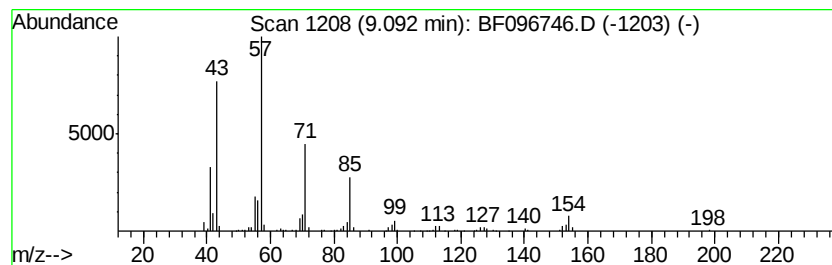
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	8.53 ng	351450	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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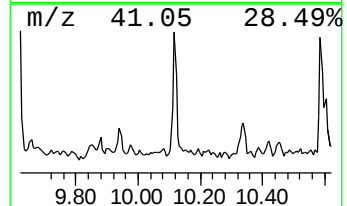
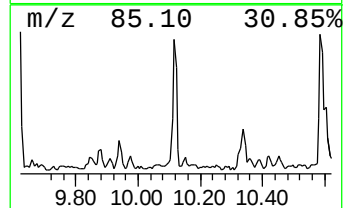
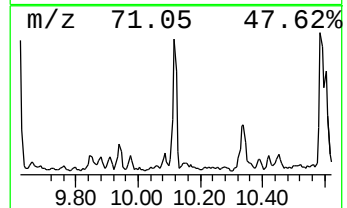
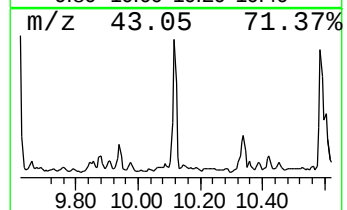
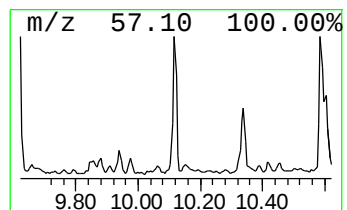
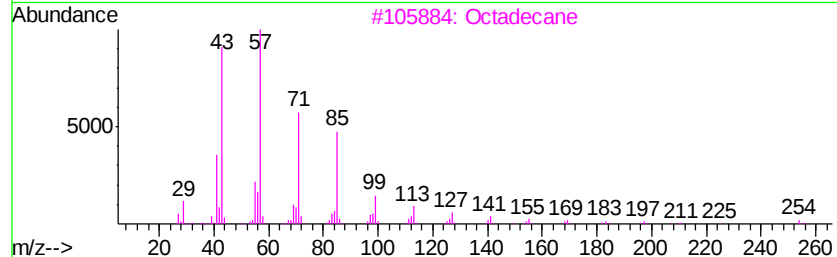
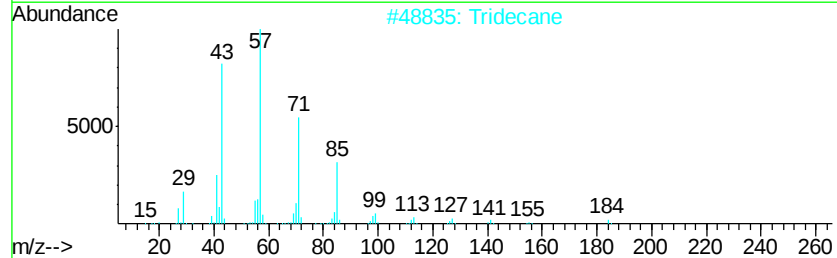
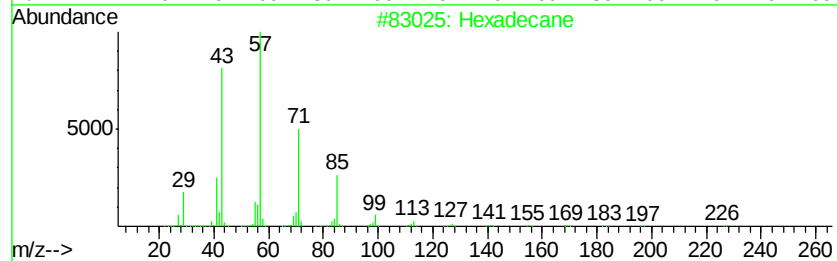
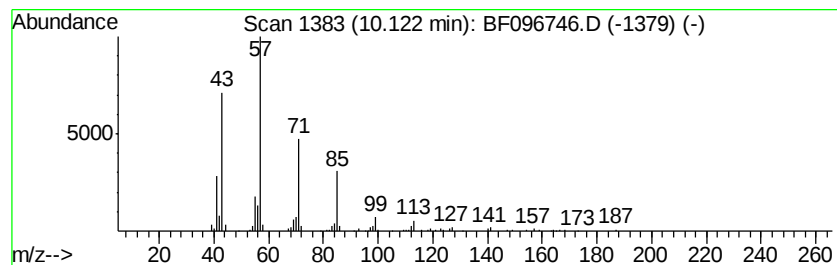
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Sulfurous acid, 2-propyl te... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	4.63 ng	190824	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane	184	C13H28	000629-50-5	83
3		Octadecane	254	C18H38	000593-45-3	80
4		Sulfurous acid, 2-propyl tetradecyl...	320	C17H36O3S	1000309-12-5	78
5		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
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Operator : SJ/JU
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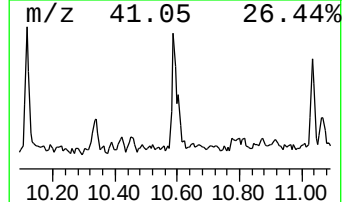
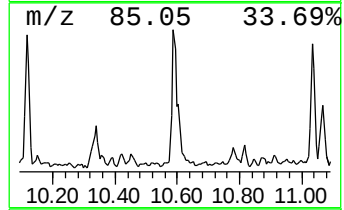
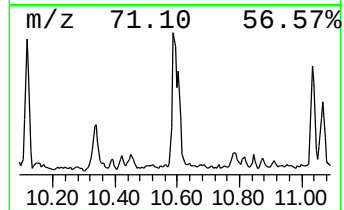
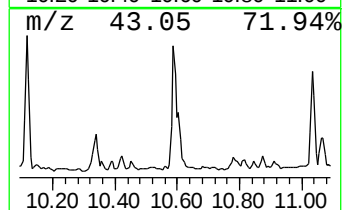
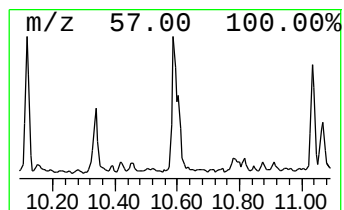
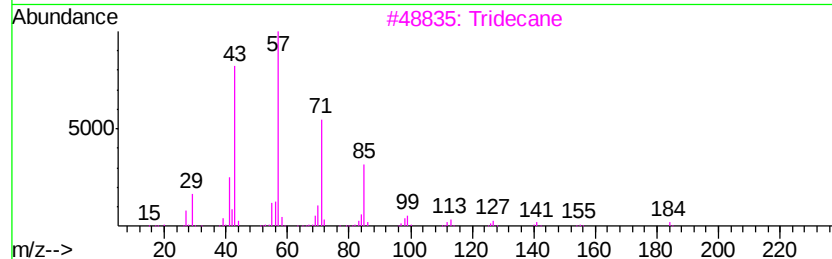
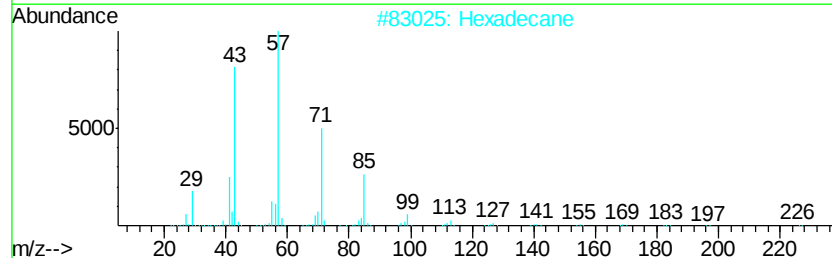
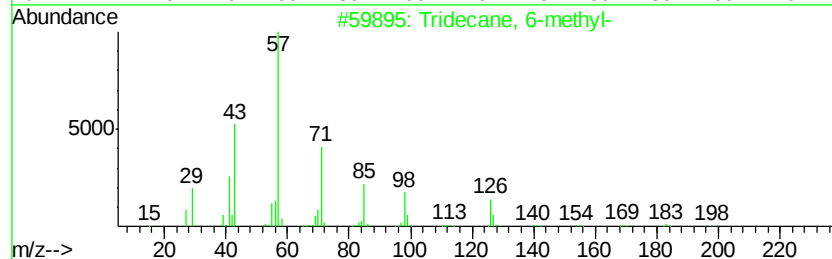
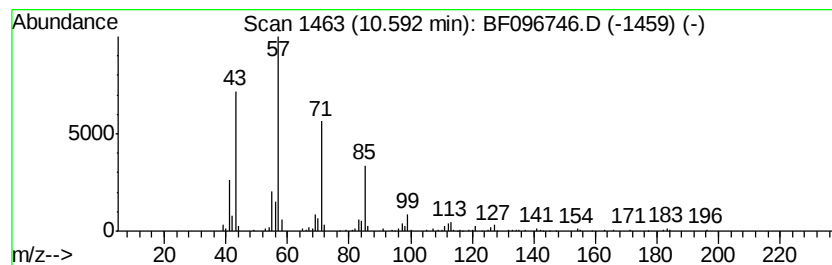
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 6-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	10.81 ng	350479	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tridecane	184	C13H28	000629-50-5	80
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5		Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
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Sample : I4146-05
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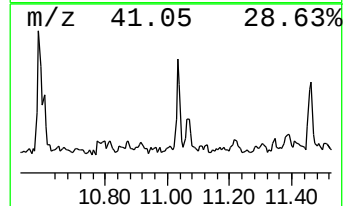
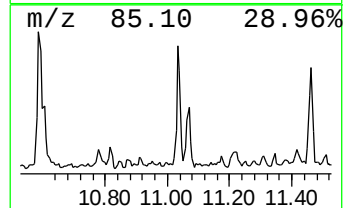
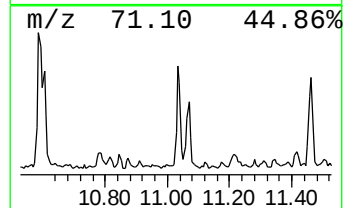
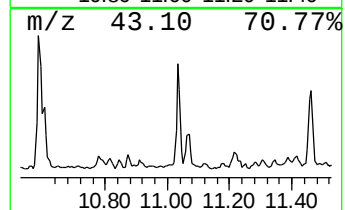
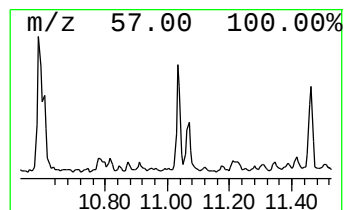
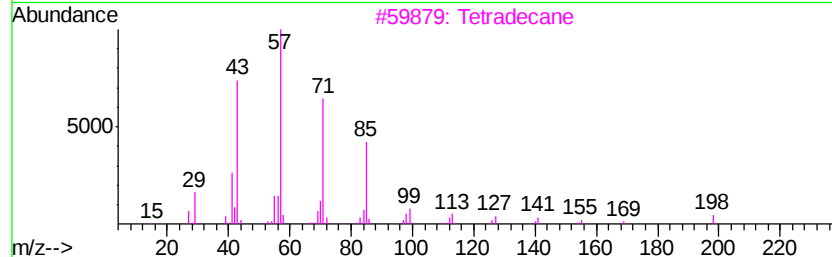
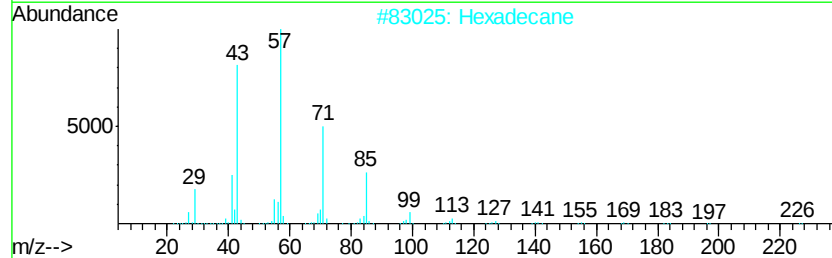
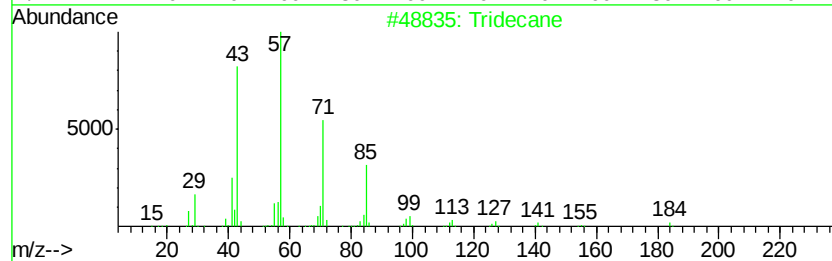
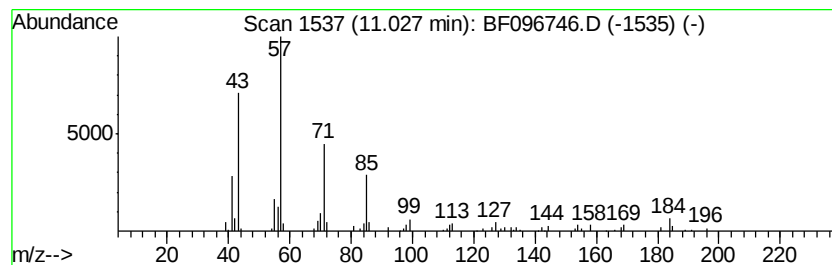
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.03	5.83 ng	188925	Phenanthrene-d10		11.15
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Pentadecane	212	C15H32	000629-62-9	80
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
Sample : I4146-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

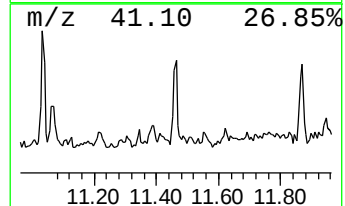
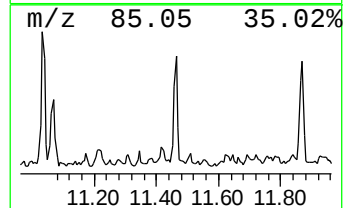
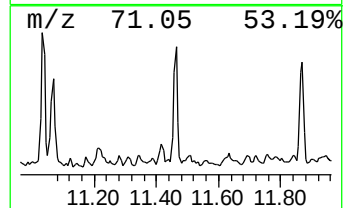
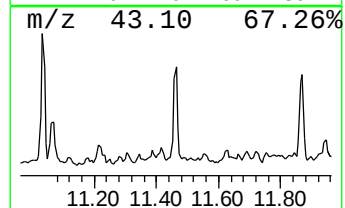
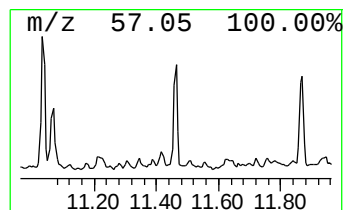
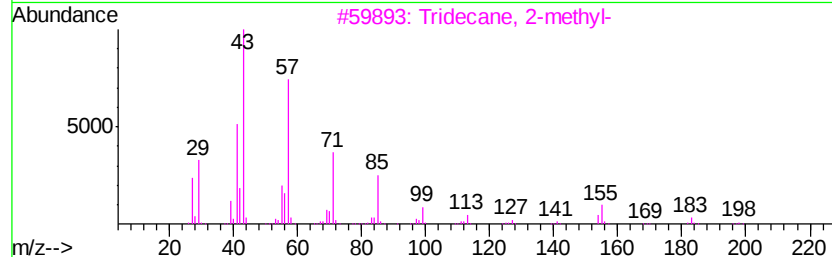
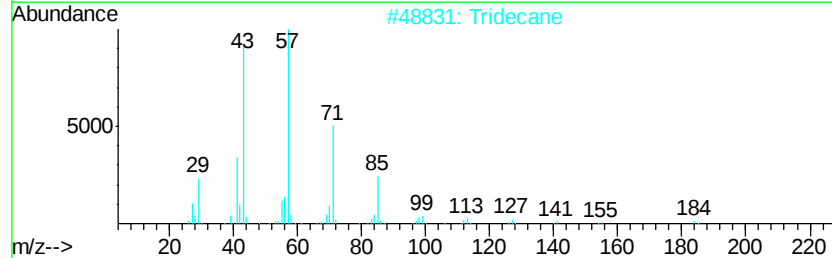
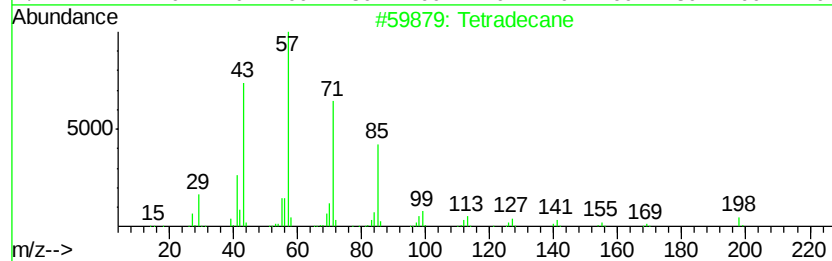
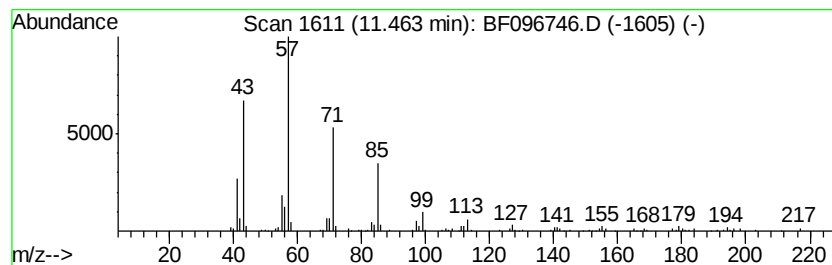
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	5.57 ng	180604	Phenanthrene-d10	11.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	87
2			Tridecane	184	C13H28	000629-50-5	87
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5			Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
Sample : I4146-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

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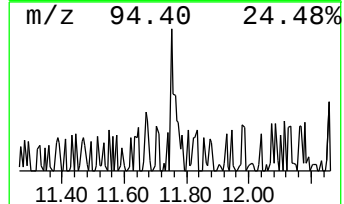
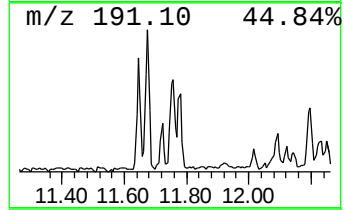
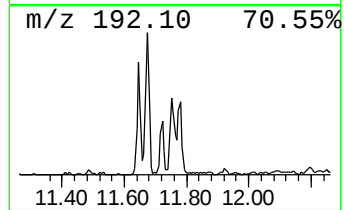
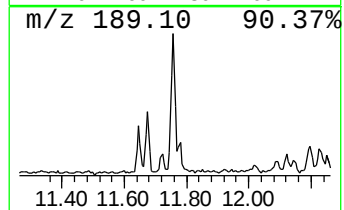
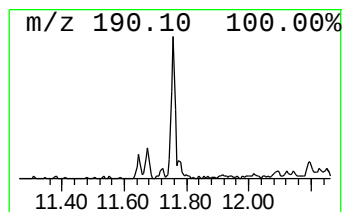
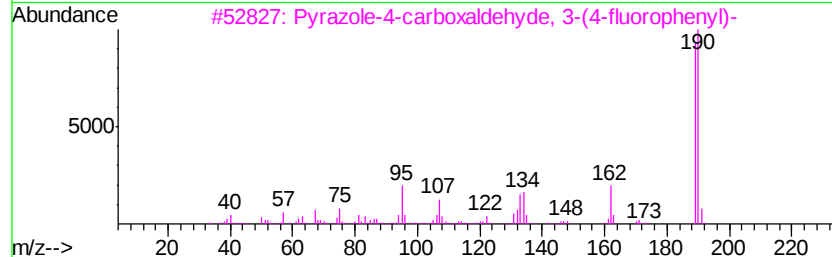
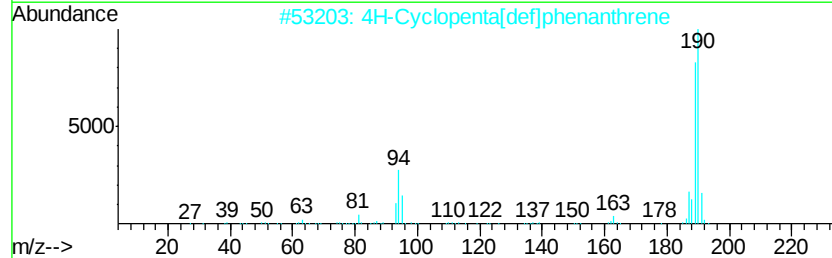
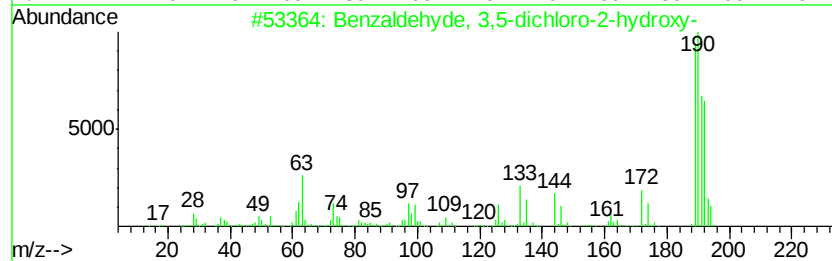
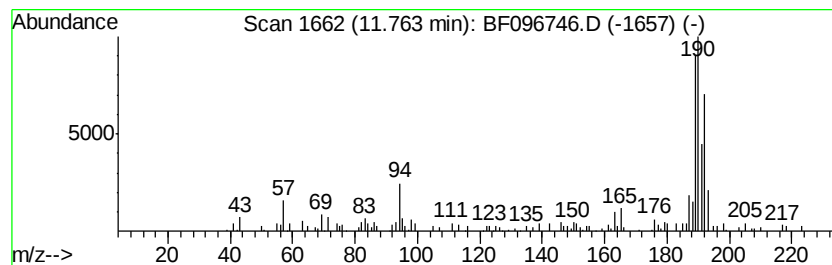
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzaldehyde, 3,5-dichloro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.17 ng	135078	Phenanthrene-d10	11.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	46
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
Sample : I4146-05
Misc :
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Instrument :
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ClientSampleId :
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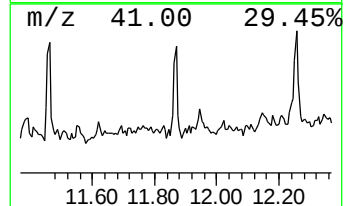
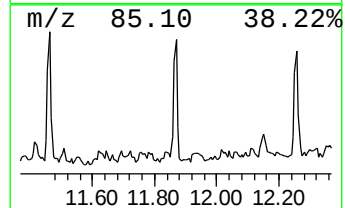
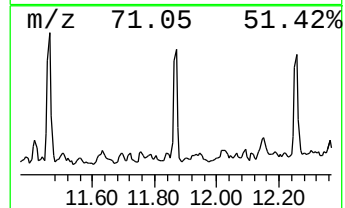
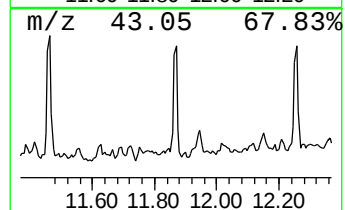
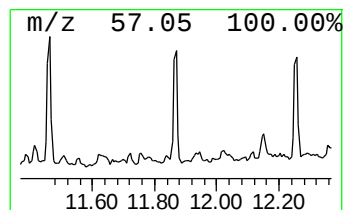
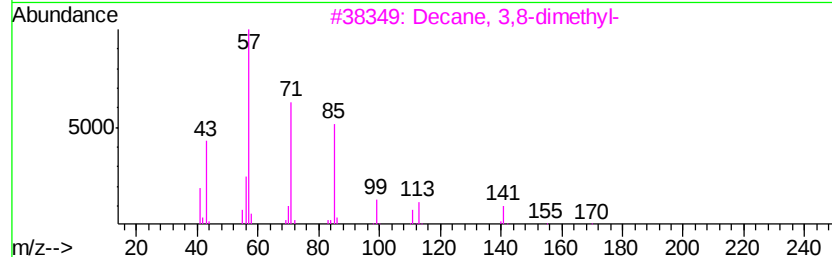
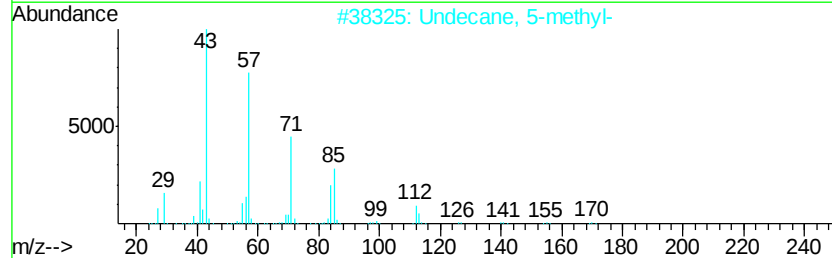
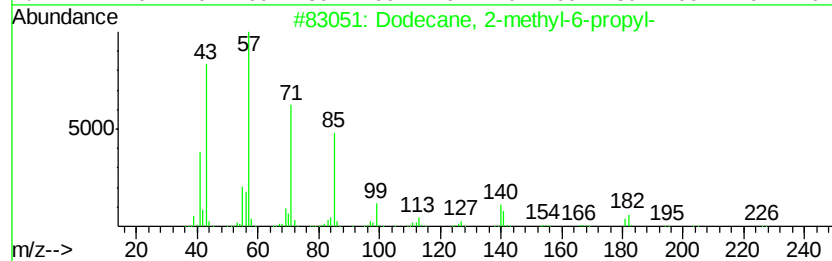
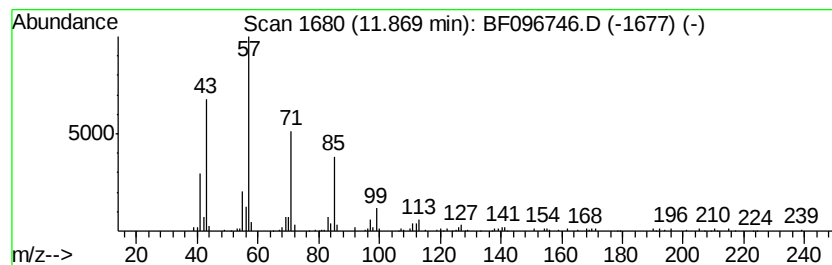
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.33 ng	140290	Phenanthrene-d10	11.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	83
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
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ALS Vial : 26 Sample Multiplier: 1

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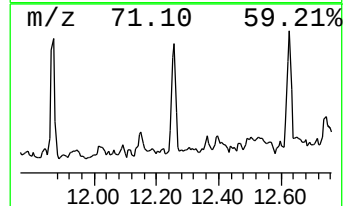
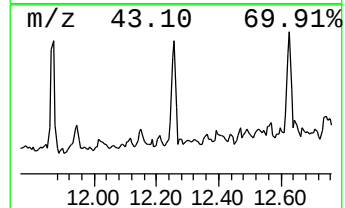
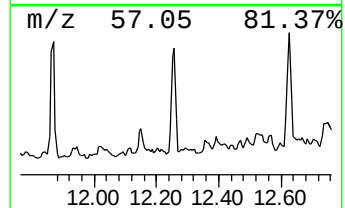
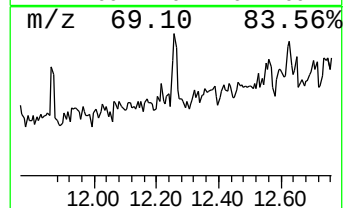
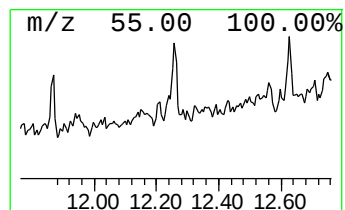
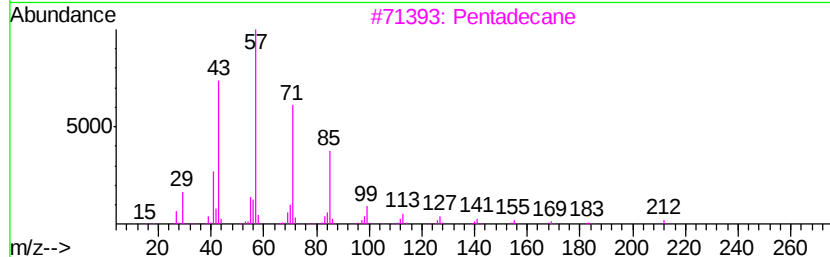
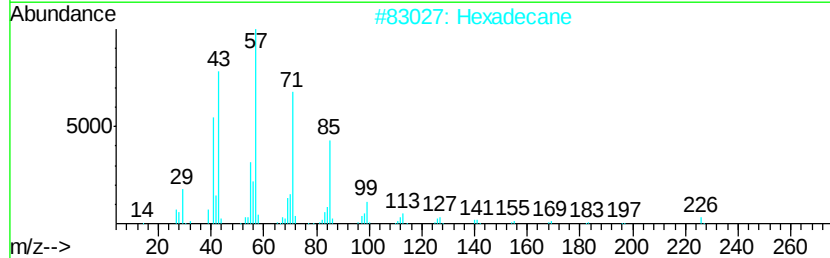
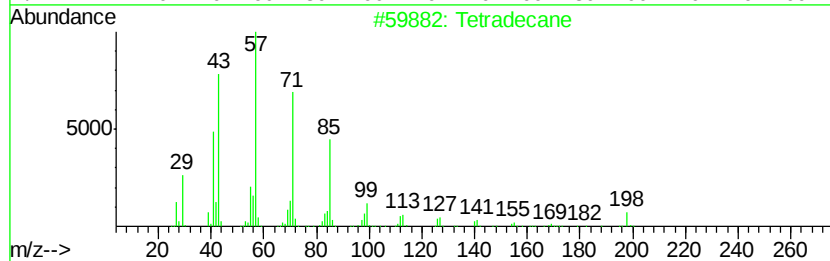
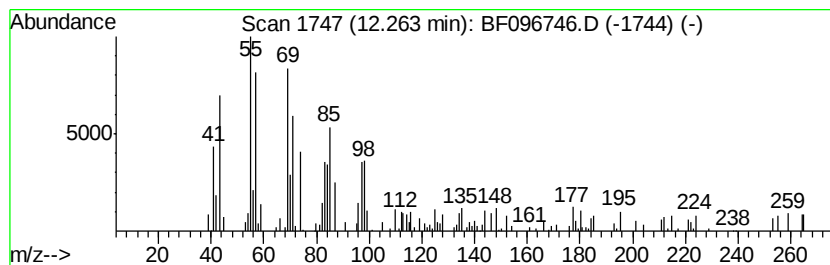
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.59 ng	116330	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	96
2		Hexadecane	226	C16H34	000544-76-3	96
3		Pentadecane	212	C15H32	000629-62-9	93
4		Octacosane	394	C28H58	000630-02-4	87
5		Hexacosane	366	C26H54	000630-01-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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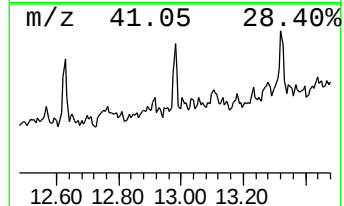
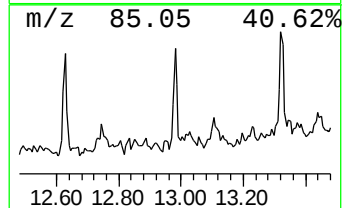
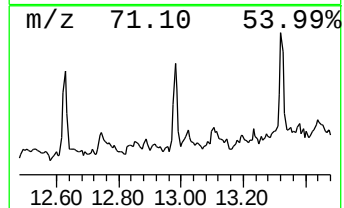
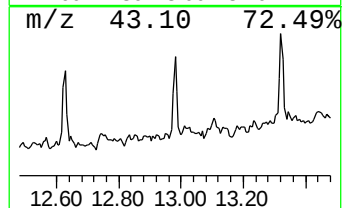
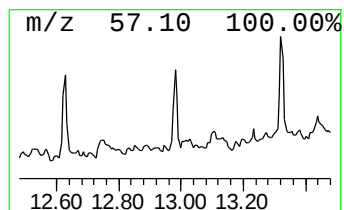
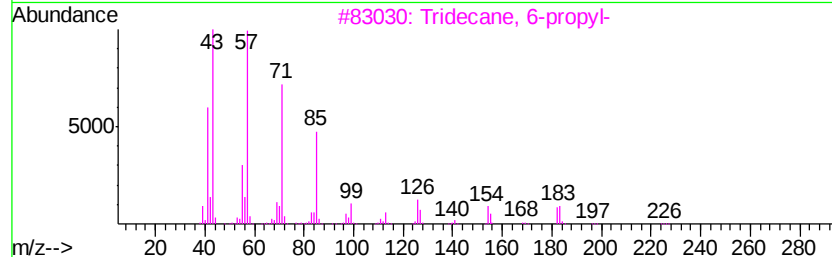
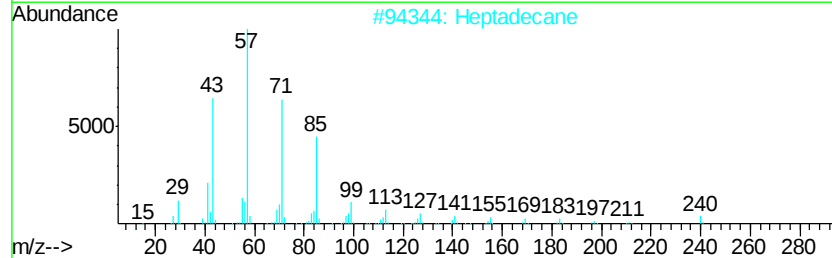
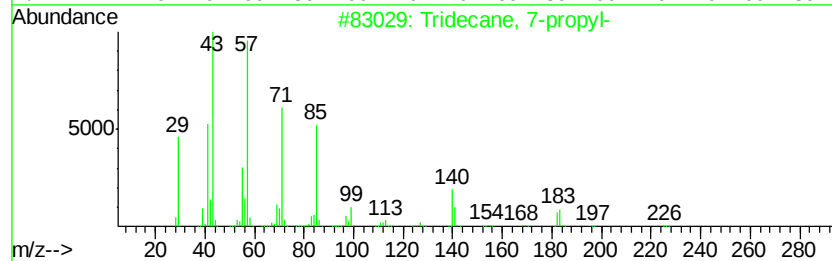
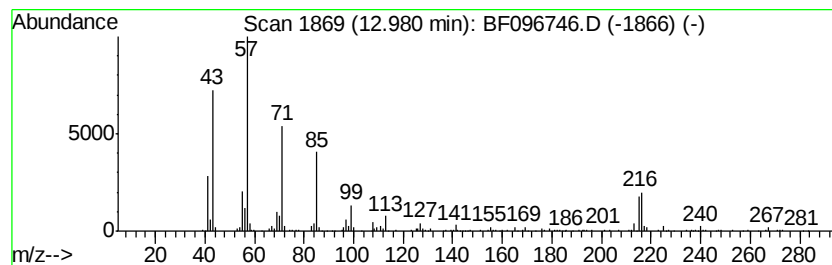
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane, 6-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	3.44 ng	141150	Chrysene-d12	13.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
2			Heptadecane	240	C17H36	000629-78-7	86
3			Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
4			Heptacosane	380	C27H56	000593-49-7	76
5			Tetracosane	338	C24H50	000646-31-1	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
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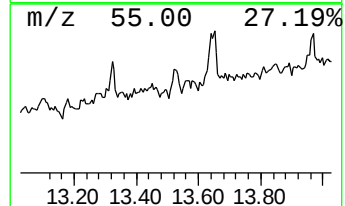
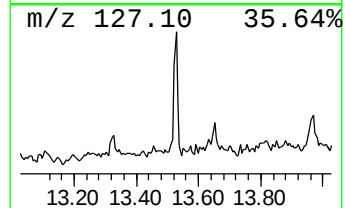
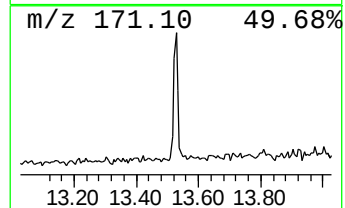
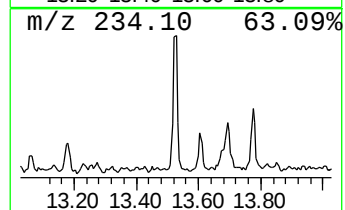
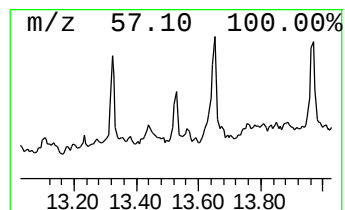
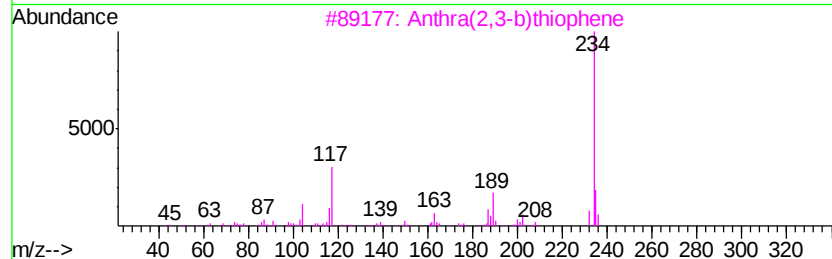
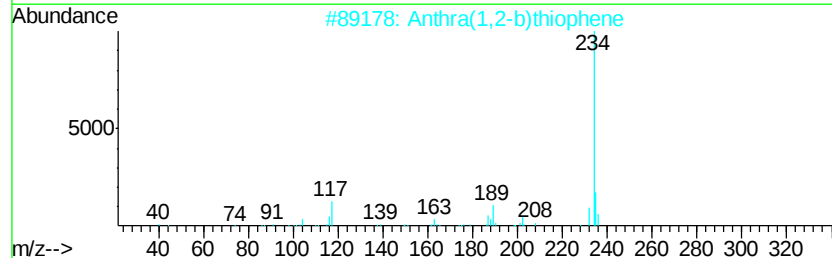
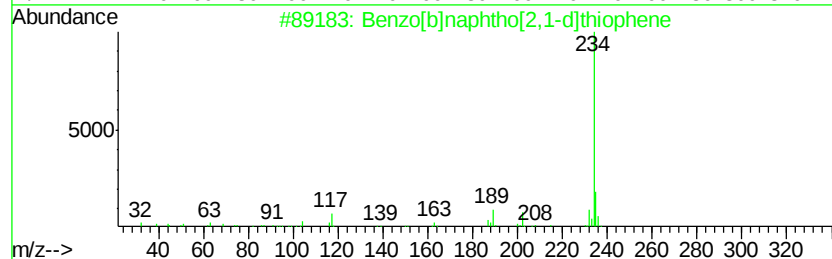
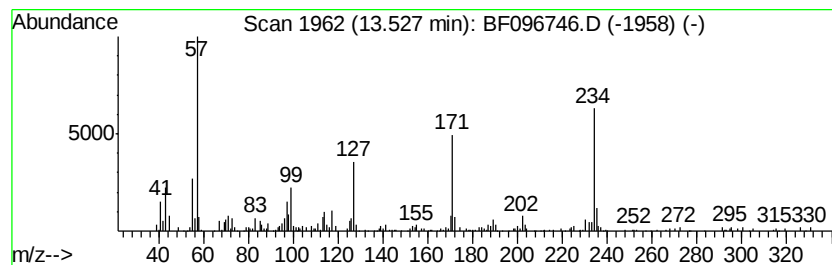
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	4.83 ng	198082	Chrysene-d12	13.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	38
2			Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	38
3			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	30
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	30
5			3-Pyrrolidinecarboxylic acid, 1-...	284	C15H28N2O3	1000196-95-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
Sample : I4146-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FK-SF-03-001-C

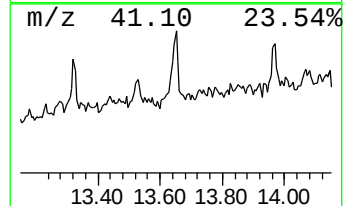
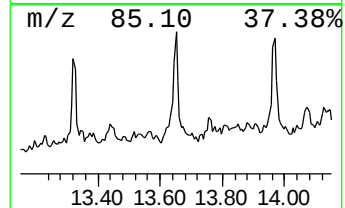
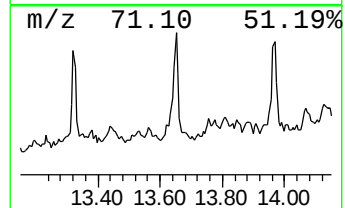
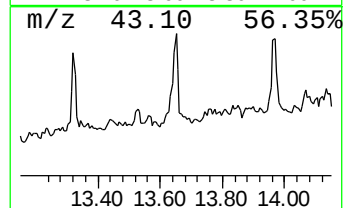
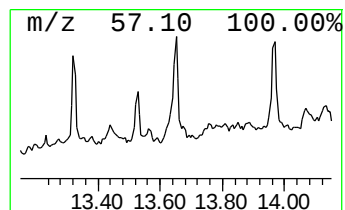
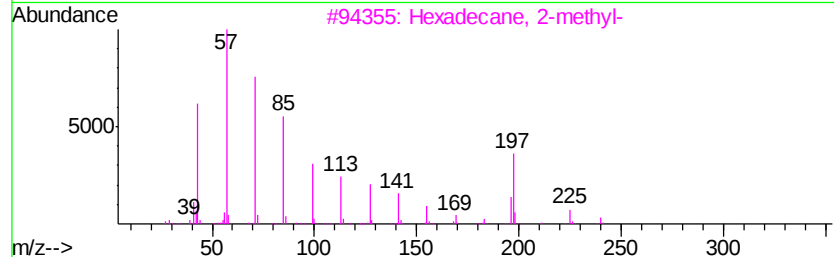
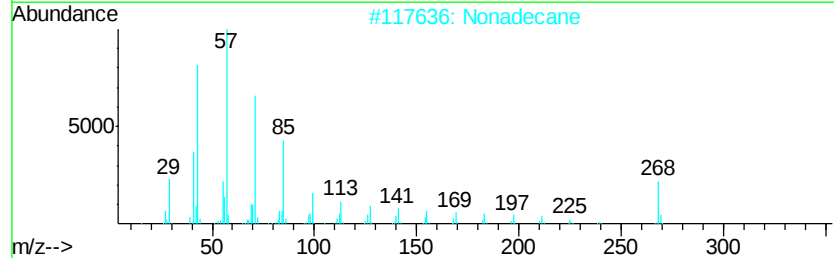
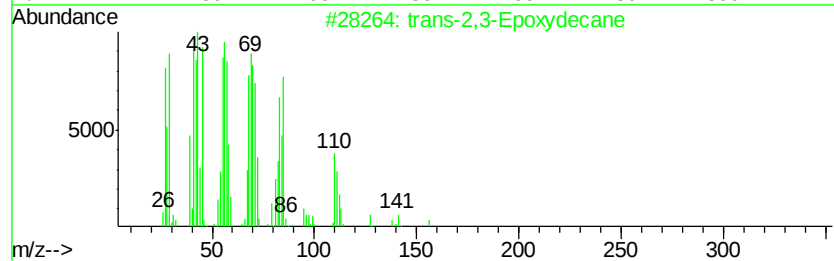
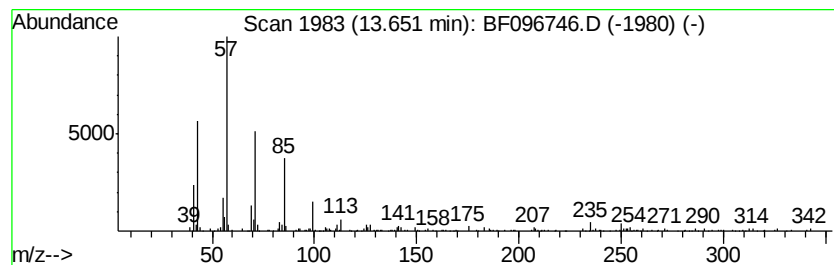
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 trans-2,3-Epoxydecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	5.39 ng	221147	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	87
2		Nonadecane	268	C19H40	000629-92-5	74
3		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	74
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
5		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
Sample : I4146-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

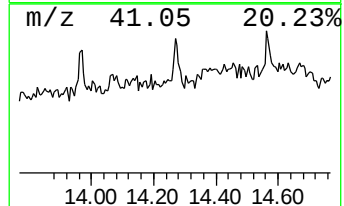
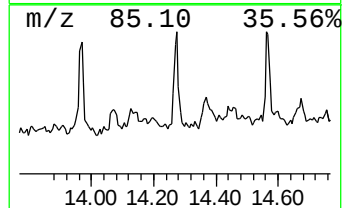
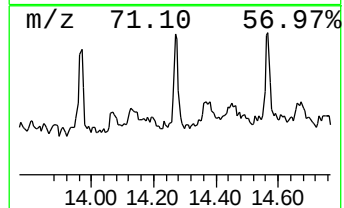
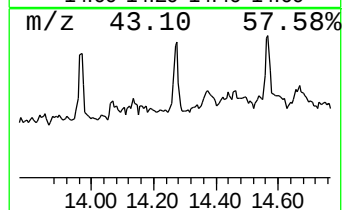
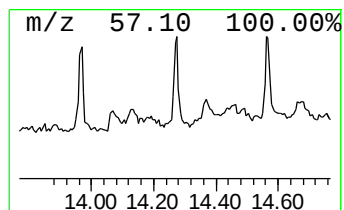
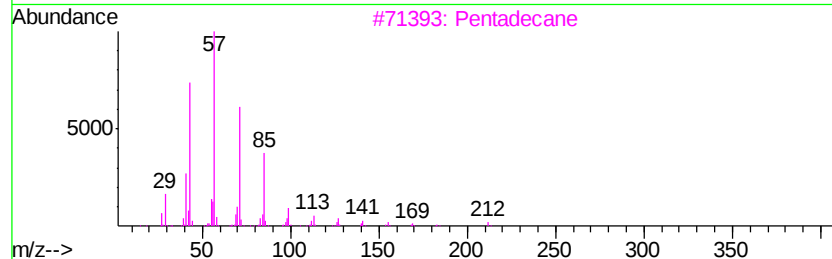
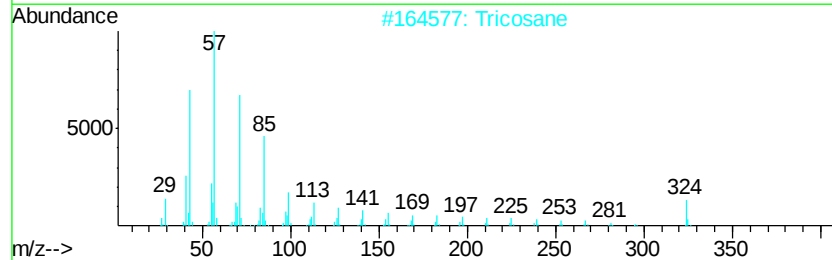
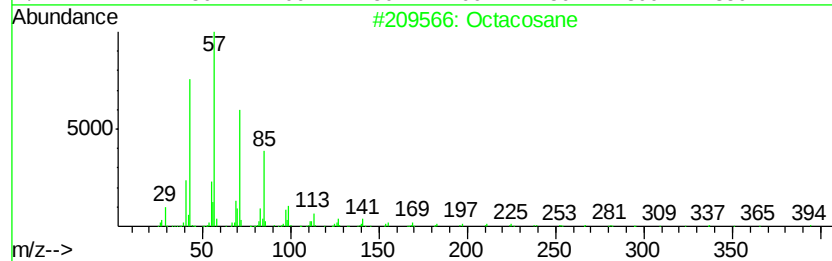
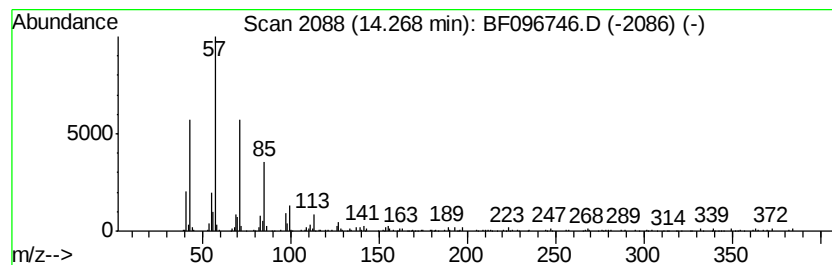
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	5.02 ng	205640	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Tricosane	324	C23H48	000638-67-5	87
3		Pentadecane	212	C15H32	000629-62-9	83
4		Eicosane	282	C20H42	000112-95-8	80
5		Nonadecane, 1-bromo-	346	C19H39Br	004434-66-6	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096746.D
Acq On : 13 Jul 2017 23:58
Operator : SJ/JU
Sample : I4146-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

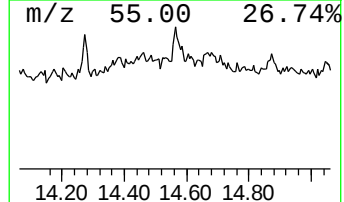
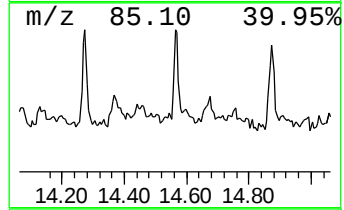
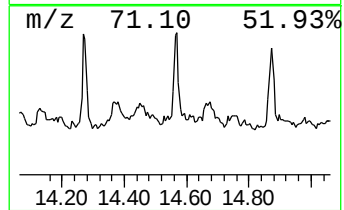
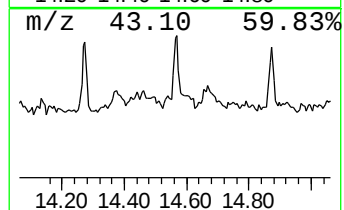
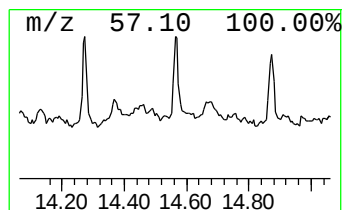
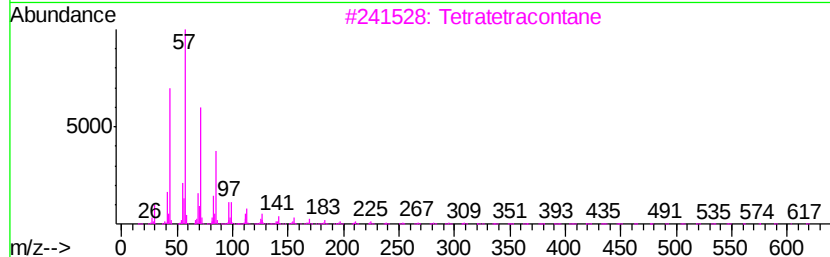
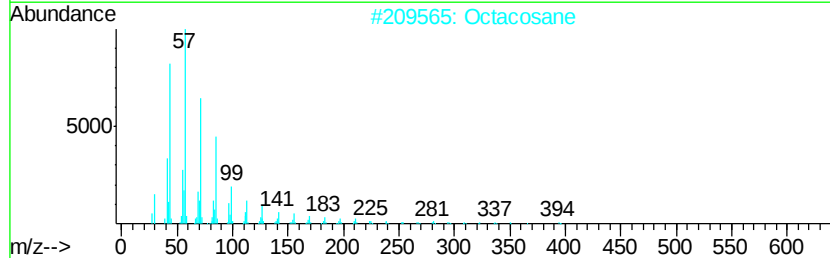
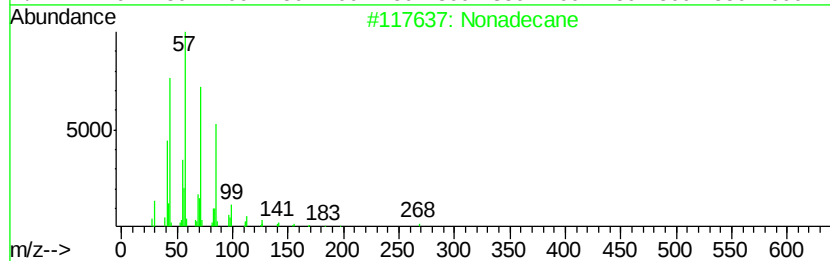
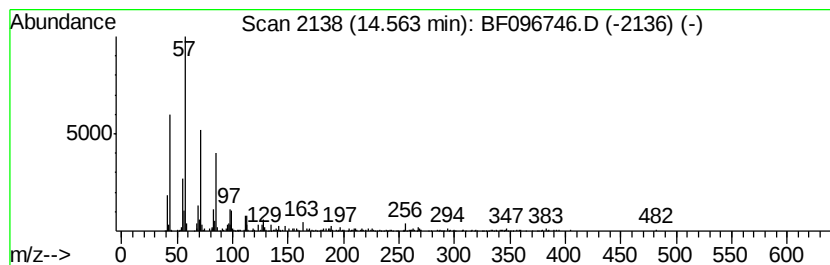
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	18.53 ng	248669	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Octacosane	394	C28H58	000630-02-4	89
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5		10-Methylnonadecane	282	C20H42	056862-62-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096746.D
 Acq On : 13 Jul 2017 23:58
 Operator : SJ/JU
 Sample : I4146-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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
3-Penten-2-one, 4...	4.14	8.0	ng	285331	1	6.63	710434	20.0
2-Pentanone, 4-hy...	4.80	18.6	ng	662088	1	6.63	710434	20.0
unknown6.40	6.40	53.2	ng	1888900	1	6.63	710434	20.0
Nonane, 2-methyl-	6.49	6.2	ng	220888	1	6.63	710434	20.0
Undecane	7.25	11.0	ng	390927	1	6.63	710434	20.0
Tridecane, 7-propyl-	8.53	6.0	ng	381477	2	7.92	1275710	20.0
Hexadecane	9.09	8.5	ng	351450	3	9.67	824091	20.0
Sulfurous acid, 2...	10.12	4.6	ng	190824	3	9.67	824091	20.0
Tridecane, 6-methyl-	10.59	10.8	ng	350479	4	11.15	648305	20.0
Tridecane	11.03	5.8	ng	188925	4	11.15	648305	20.0
Tetradecane	11.46	5.6	ng	180604	4	11.15	648305	20.0
Benzaldehyde, 3,5...	11.76	4.2	ng	135078	4	11.15	648305	20.0
Dodecane, 2-methy...	11.87	4.3	ng	140290	4	11.15	648305	20.0
Pentadecane	12.26	3.6	ng	116330	4	11.15	648305	20.0
Tridecane, 6-propyl-	12.98	3.4	ng	141150	5	13.77	819991	20.0
Benzo[b]naphtho[2...	13.53	4.8	ng	198082	5	13.77	819991	20.0
trans-2,3-Epoxyde...	13.65	5.4	ng	221147	5	13.77	819991	20.0
Octacosane	14.27	5.0	ng	205640	5	13.77	819991	20.0
Nonadecane	14.56	18.5	ng	248669	6	15.16	268353	20.0