LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
Data File : BF091261.D
Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.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	5.070	294	296	303	rBV2	712931	1541905	3.85%	0.200%
2	5.436	326	328	331	rBV	1758828	2049919	5.11%	0.266%
3	5.790	357	359	363	rVB3	800380	1389291	3.47%	0.180%
4	5.996	373	377	380	rBV3	404662	983108	2.45%	0.127%
5	6.076	380	384	385	rBV3	903312	1828814	4.56%	0.237%
6	6.099	385	386	390	rVB	1093868	1384699	3.45%	0.179%
7	6.167	390	392	394	rBV2	1055984	1561916	3.90%	0.202%
8	6.419	412	414	416	rVB	5513173	5341127	13.32%	0.692%
9	6.567	425	427	428	rBV	1233154	1144155	2.85%	0.148%
10	6.602	428	430	431	rVB	1203845	1332001	3.32%	0.173%
11	6.625	431	432	437	rBV2	895377	1409091	3.51%	0.183%
12	6.727	437	441	445	rVB5	1016709	2781716	6.94%	0.361%
13	6.865	451	453	454	rVV2	788795	925572	2.31%	0.120%
14	6.899	454	456	457	rVV	1723708	1374281	3.43%	0.178%
15	6.933	457	459	460	rVV	1183736	1153193	2.88%	0.149%
16	6.979	460	463	466	rVB2	1404788	2613664	6.52%	0.339%
17	7.070	468	471	472	rBV2	625365	1108673	2.77%	0.144%
18	7.116	472	475	478	rVV3	1221305	1732416	4.32%	0.225%
19	7.196	480	482	484	rVV	8130359	9276950	23.14%	1.202%
20	7.230	484	485	487	rVB2	1109783	1227159	3.06%	0.159%
21	7.276	487	489	490	rBV2	569938	972729	2.43%	0.126%
22	7.299	490	491	493	rVB	1065696	1339888	3.34%	0.174%
23	7.356	493	496	497	rBV2	1090878	1753552	4.37%	0.227%
24	7.379	497	498	501	rVB	2787943	2919588	7.28%	0.378%
25	7.493	505	508	510	rBV3	2337780	3938177	9.82%	0.510%
26	7.528	510	511	513	rVV2	880233	1306615	3.26%	0.169%
27	7.562	513	514	516	rVV	1533825	2299140	5.74%	0.298%
28	7.596	516	517	519	rVV2	2220337	3107633	7.75%	0.403%
29	7.630	519	520	523	rVV2	2541164	3279468	8.18%	0.425%
30	7.676	523	524	527	rVV3	2212768	3078013	7.68%	0.399%
31	7.745	527	530	534	rVV2	771391	2417540	6.03%	0.313%
32	7.870	534	541	544	rVV3	10453246	26047362	64.97%	3.376%
33	7.950	546	548	549	rVV	5672869	6366626	15.88%	0.825%
34	7.973	549	550	554	rVV2	2050603	4418631	11.02%	0.573%

LSC Area Percent Report

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Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.042	554	556	558	rVV2	1668773	3915619	9.77%	0.507%
36	8.076	558	559	561	rVV2	1854896	3099536	7.73%	0.402%
37	8.168	564	567	568	rVV3	4195480	8507603	21.22%	1.103%
38	8.202	568	570	571	rVV	3579875	5920696	14.77%	0.767%
39	8.225	571	572	574	rVV2	3078025	5892672	14.70%	0.764%
40	8.259	574	575	577	rVV2	4321619	6945317	17.32%	0.900%
41	8.316	577	580	583	rVV	9373683	19335245	48.23%	2.506%
42	8.373	583	585	586	rVV	2475794	4295100	10.71%	0.557%
43	8.419	586	589	591	rVV4	2458712	7711877	19.24%	0.999%
44	8.488	591	595	597	rVV	14410006	31984562	79.78%	4.145%
45	8.533	597	599	601	rVV2	4100319	9920948	24.75%	1.286%
46	8.590	601	604	605	rVV2	9436986	17703966	44.16%	2.294%
47	8.613	605	606	607	rVV	3271062	4006427	9.99%	0.519%
48	8.682	609	612	614	rVV	8240746	15495960	38.65%	2.008%
49	8.785	616	621	622	rVV3	6385985	18388904	45.87%	2.383%
50	8.819	622	624	625	rVV2	4450379	8359059	20.85%	1.083%
51	8.842	625	626	628	rVV2	6139918	9798384	24.44%	1.270%
52	8.911	628	632	636	rVV	8554989	25721036	64.16%	3.334%
53	9.059	639	645	647	rVV	14660611	40089008	100.00%	5.196%
54	9.139	650	652	656	rVV2	6093342	19117595	47.69%	2.478%
55	9.219	656	659	661	rVV	8865611	20535108	51.22%	2.661%
56	9.288	661	665	667	rVV2	10142181	28078242	70.04%	3.639%
57	9.322	667	668	670	rVV2	9775118	17061239	42.56%	2.211%
58	9.368	670	672	673	rVV2	10455927	16425880	40.97%	2.129%
59	9.391	673	674	680	rVV2	6841806	22949155	57.25%	2.974%
60	9.482	680	682	684	rVV2	6420809	12258913	30.58%	1.589%
61	9.528	684	686	688	rVV	7044312	12607111	31.45%	1.634%
62	9.585	688	691	692	rVV	14691888	25727413	64.18%	3.334%
63	9.608	692	693	695	rVV2	6509554	11139953	27.79%	1.444%
64	9.665	695	698	701	rVV3	4692090	15439181	38.51%	2.001%
65	9.733	701	704	706	rVV2	5686524	13876783	34.61%	1.798%
66	9.768	706	707	708	rVV	3165185	4168623	10.40%	0.540%
67	9.825	708	712	714	rVV2	7288503	18457622	46.04%	2.392%
68	9.871	714	716	717	rVV2	6398211	9784317	24.41%	1.268%
69	9.939	720	722	724	rVV2	4998629	10125783	25.26%	1.312%
70	9.973	724	725	727	rVV	4107393	5849548	14.59%	0.758%
71	10.019	727	729	731	rVV2	4853914	9845067	24.56%	1.276%

LSC Area Percent Report

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Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.076	731	734	736	rVV	12582268	19783876	49.35%	2.564%
73	10.122	736	738	740	rVV3	2756098	5980867	14.92%	0.775%
74	10.156	740	741	742	rVV	2851940	3415388	8.52%	0.443%
75	10.191	742	744	745	rVV2	2853228	4691975	11.70%	0.608%
76	10.225	745	747	748	rVV	3274740	4597156	11.47%	0.596%
77	10.282	750	752	754	rVV	6023014	10149215	25.32%	1.315%
78	10.362	758	759	760	rVV	2604484	3030400	7.56%	0.393%
79	10.396	760	762	764	rVV3	2840675	5608660	13.99%	0.727%
80	10.442	764	766	769	rVV3	1952266	4056136	10.12%	0.526%
81	10.545	771	775	779	rVV2	11160200	24030242	59.94%	3.114%
82	10.602	779	780	785	rVV	2346668	4744800	11.84%	0.615%
83	10.705	787	789	790	rVV2	1671778	2939252	7.33%	0.381%
84	10.739	790	792	795	rVV3	2466810	5703897	14.23%	0.739%
85	10.819	798	799	800	rVV	1657122	1722907	4.30%	0.223%
86	10.854	800	802	805	rVV4	1813301	3635887	9.07%	0.471%
87	10.991	811	814	819	rVB	7036798	13399621	33.42%	1.737%
88	11.094	821	823	824	rBV	1322017	1464785	3.65%	0.190%
89	11.116	824	825	827	rVB	1836107	1307305	3.26%	0.169%
90	11.402	848	850	853	rVV	6470409	7100129	17.71%	0.920%
91	11.585	865	866	868	rBV	799496	990242	2.47%	0.128%
92	11.619	868	869	871	rVB	1574773	1317586	3.29%	0.171%
93	11.699	874	876	877	rBV	965710	1170921	2.92%	0.152%
94	11.802	883	885	888	rVB	3868518	4657293	11.62%	0.604%
95	12.065	906	908	912	rVB2	617029	1098903	2.74%	0.142%
96	12.134	912	914	917	rBV	913861	1018126	2.54%	0.132%
97	12.191	917	919	921	rVB	3509473	2786450	6.95%	0.361%
98	12.557	949	951	955	rVB2	1681766	2002094	4.99%	0.259%
99	13.711	1049	1052	1064	rVV	1734642	1906306	4.76%	0.247%
100	15.060	1168	1170	1178	rBV	816619	1333562	3.33%	0.173%

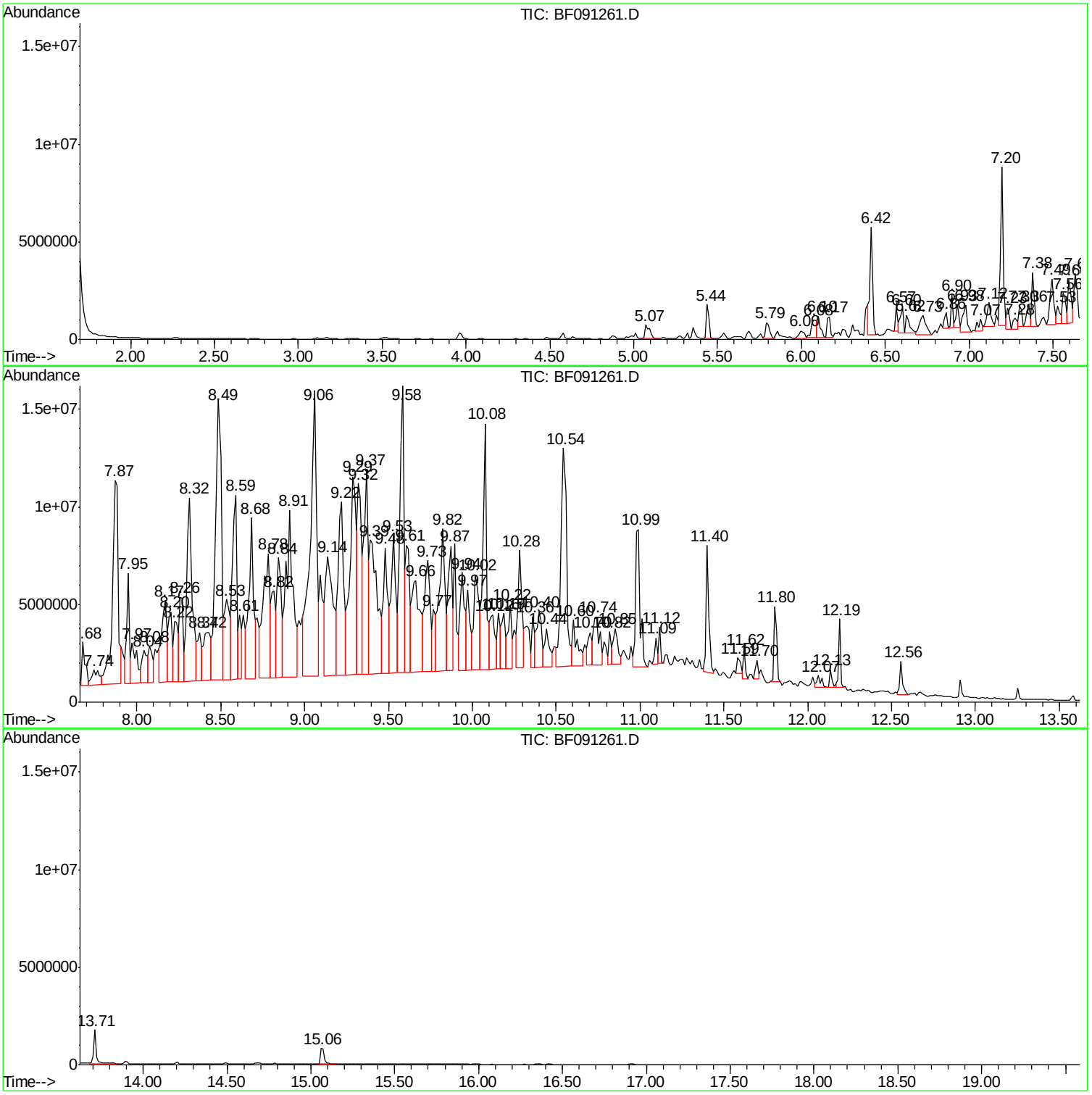
Sum of corrected areas: 771588045

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
Data File : BF091261.D
Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
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TIC Library : C:\DATABASE\NIST02.L
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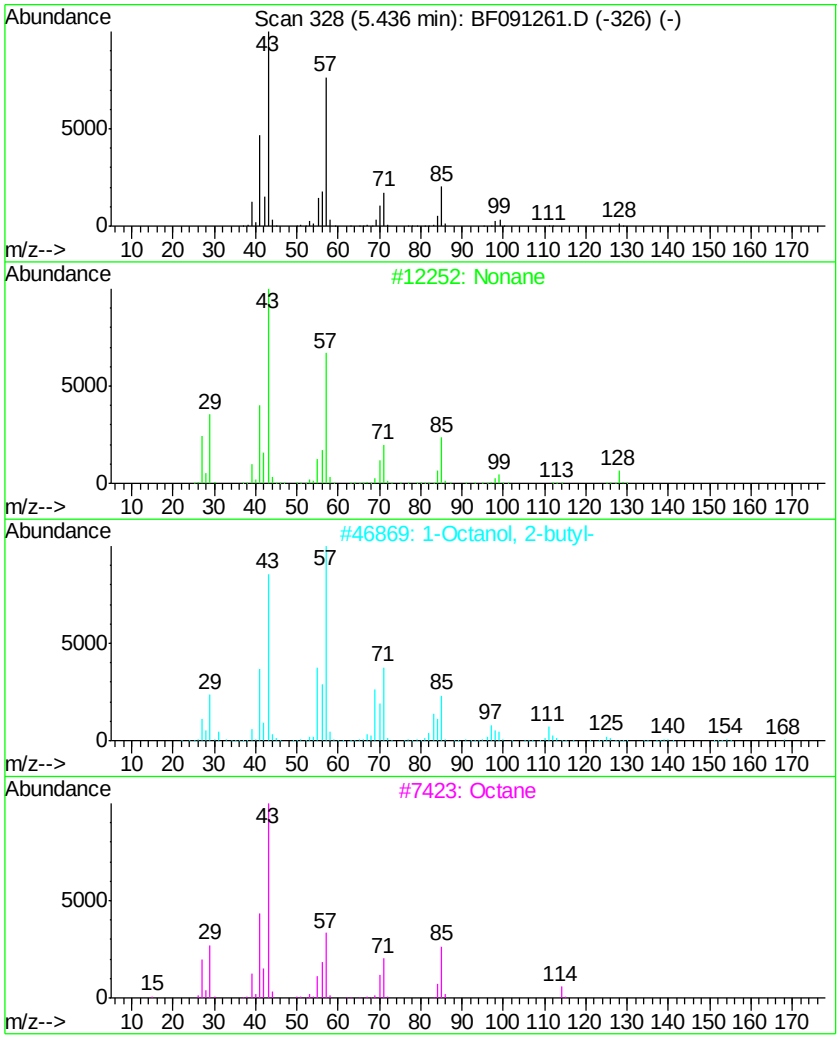
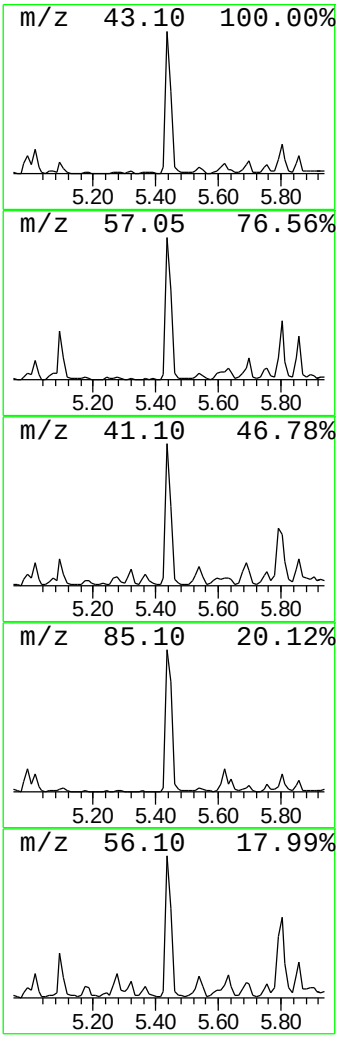
Peak Number 1 Nonane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	35.83 ng	2049920	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	83
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
3	Octane	114	C8H18	000111-65-9	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	56
5	Decane	142	C10H22	000124-18-5	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
Data File : BF091261.D
Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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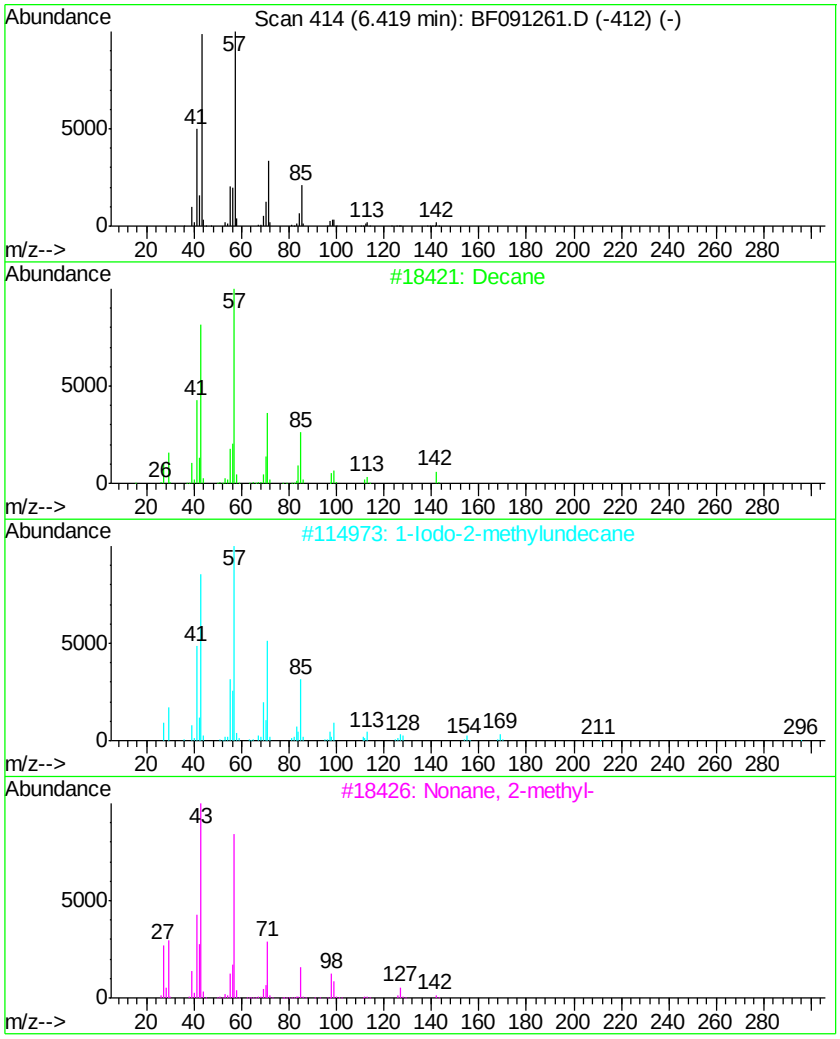
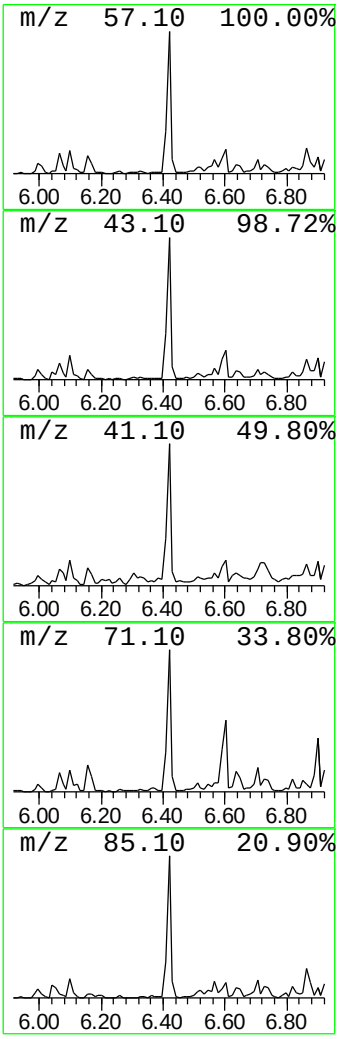
Peak Number 2 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	93.36 ng	5341130	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	72
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
5	Tetradecane	198	C14H30	000629-59-4	59





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Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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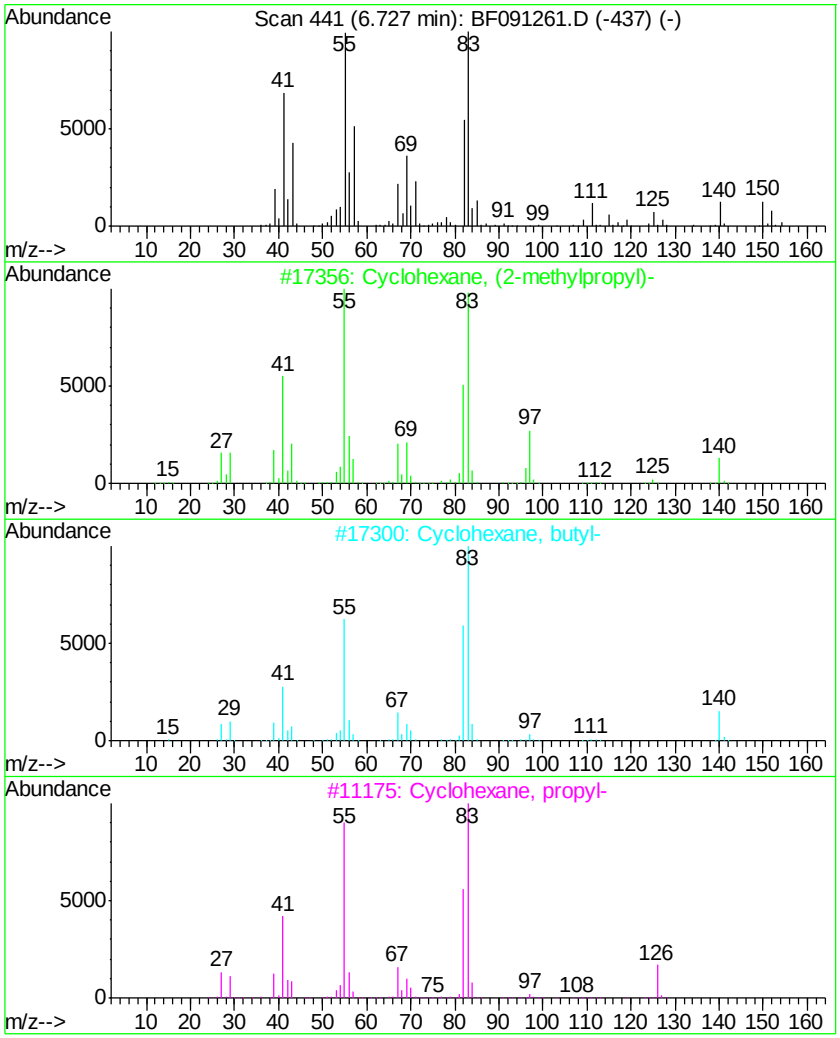
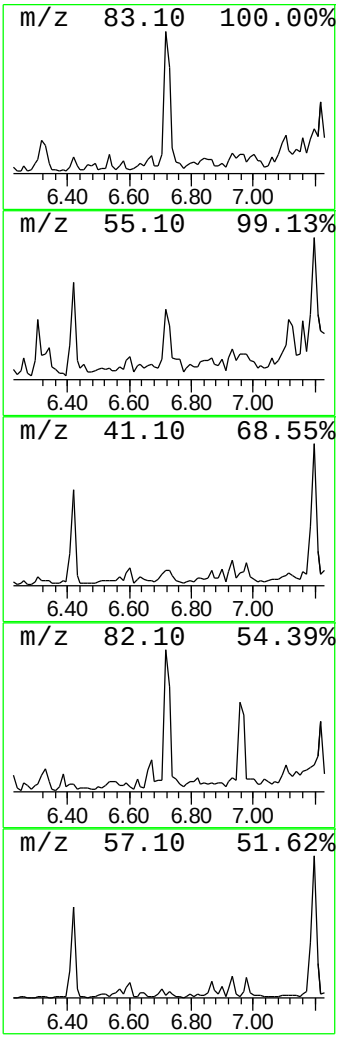
Peak Number 3 Cyclohexane, (2-methylpropyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	48.62 ng	2781720	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	68
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	62
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50





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Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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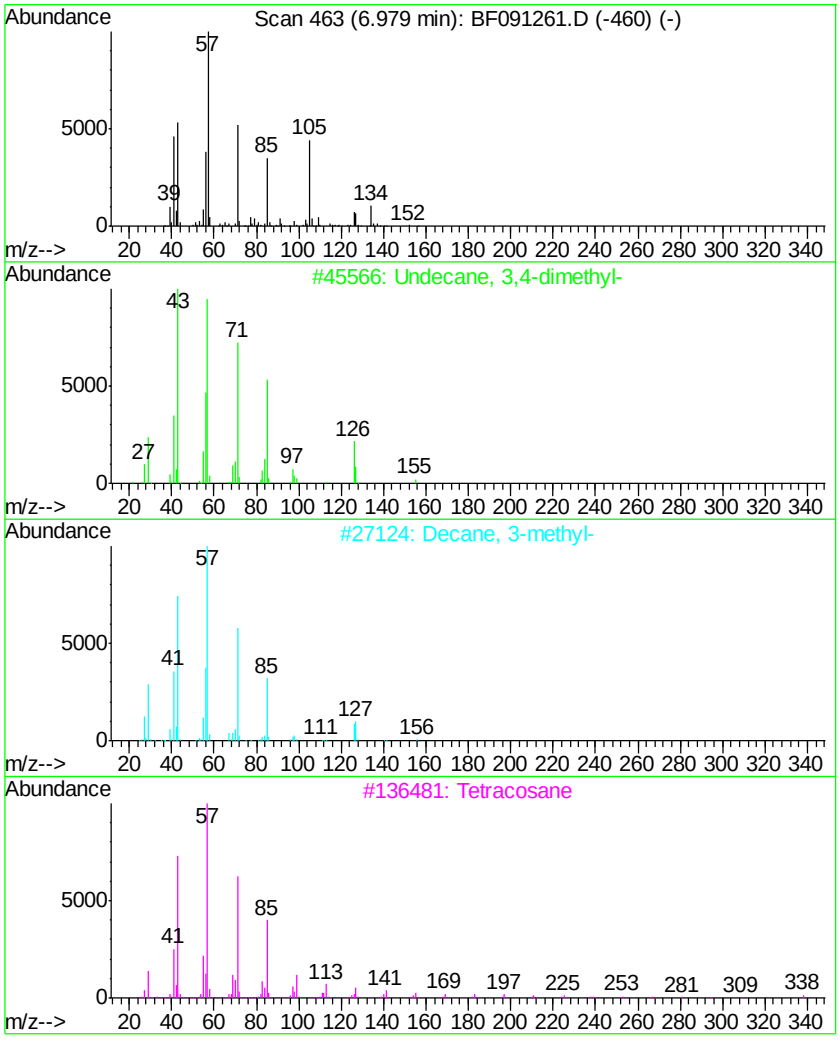
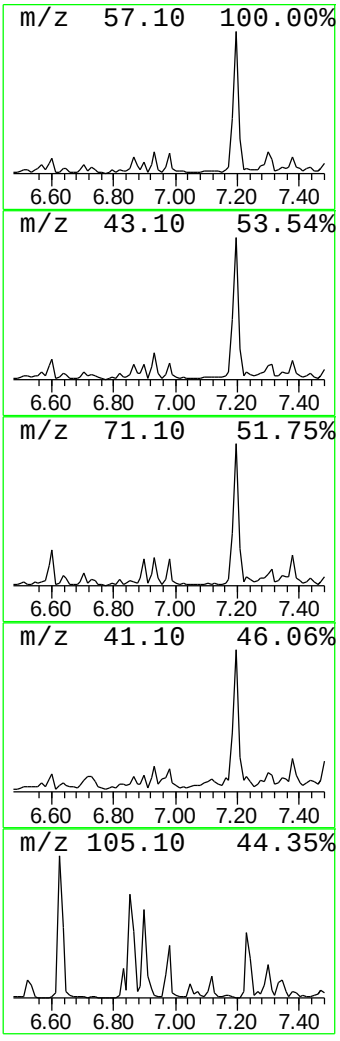
Peak Number 4 Undecane, 3,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	45.69 ng	2613660	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	53
2	Decane, 3-methyl-	156	C11H24	013151-34-3	49
3	Tetracosane	338	C24H50	000646-31-1	47
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	47
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	43





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Data File : BF091261.D
Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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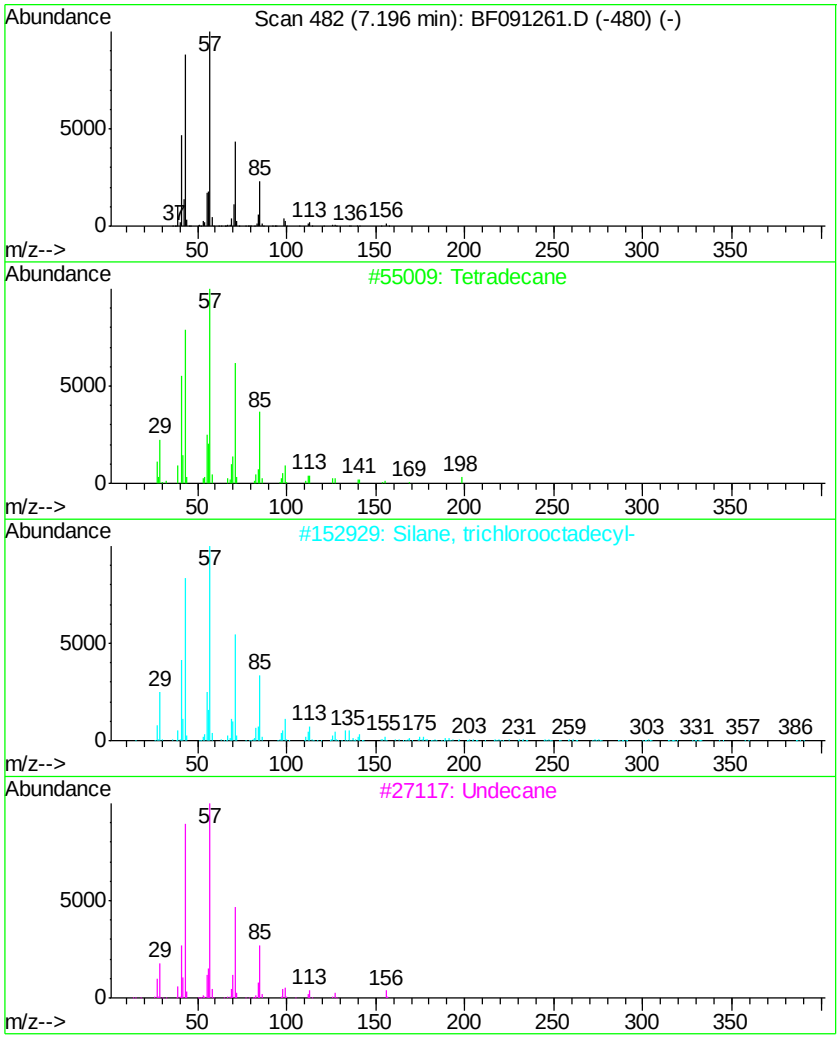
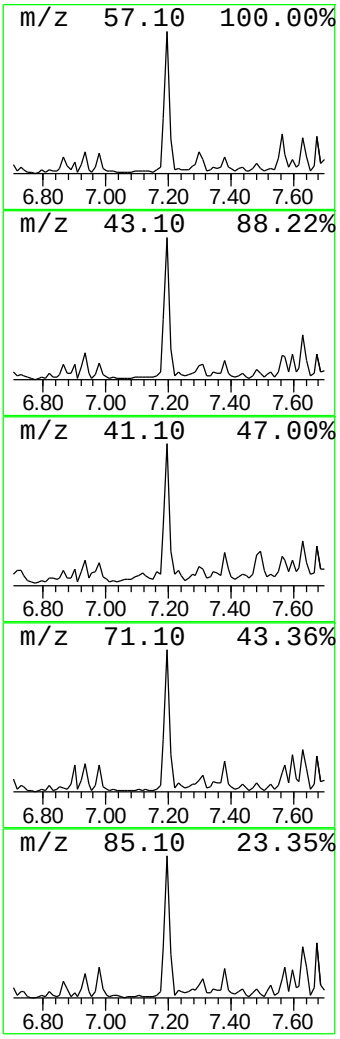
Peak Number 5 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	162.16 ng	9276950	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3	Undecane	156	C11H24	001120-21-4	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Tridecane	184	C13H28	000629-50-5	78





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Data File : BF091261.D
Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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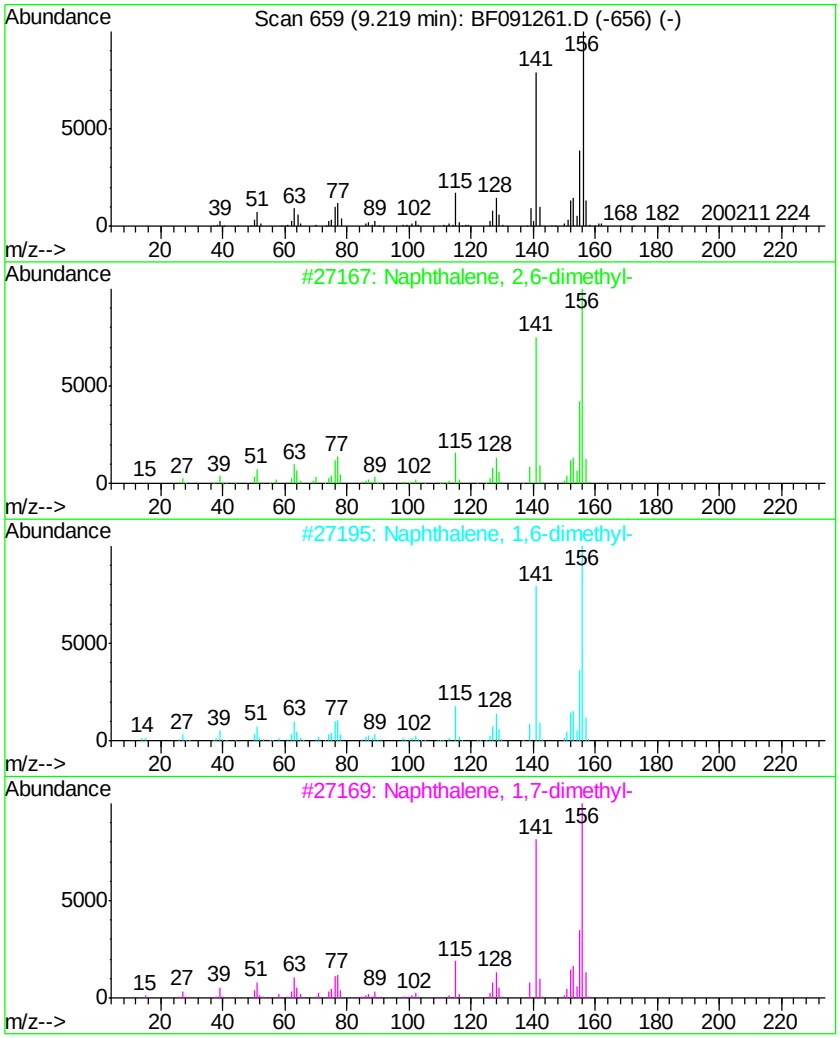
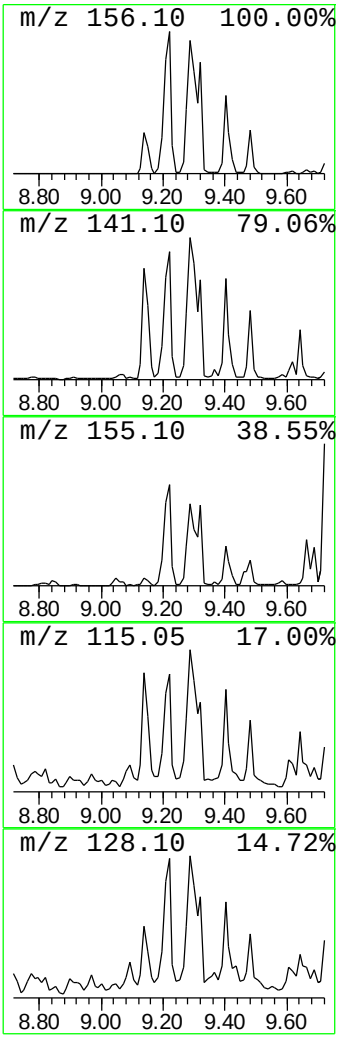
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	36.87 ng	20535100	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Data File : BF091261.D
Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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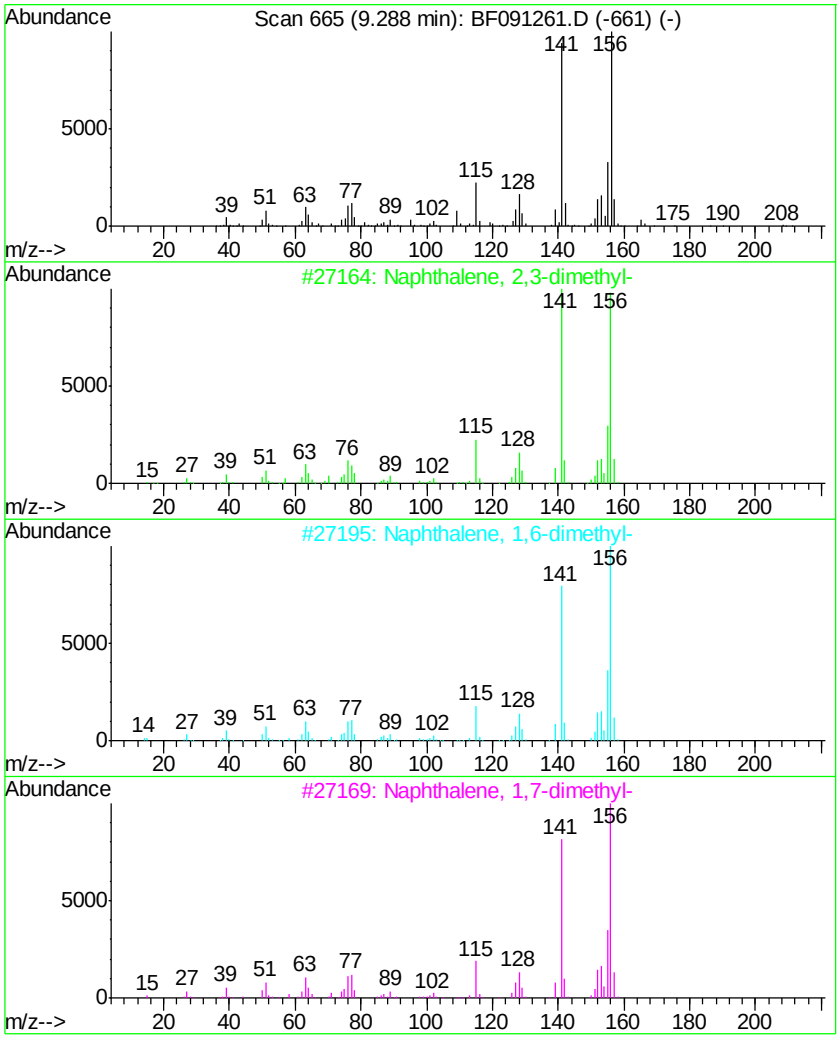
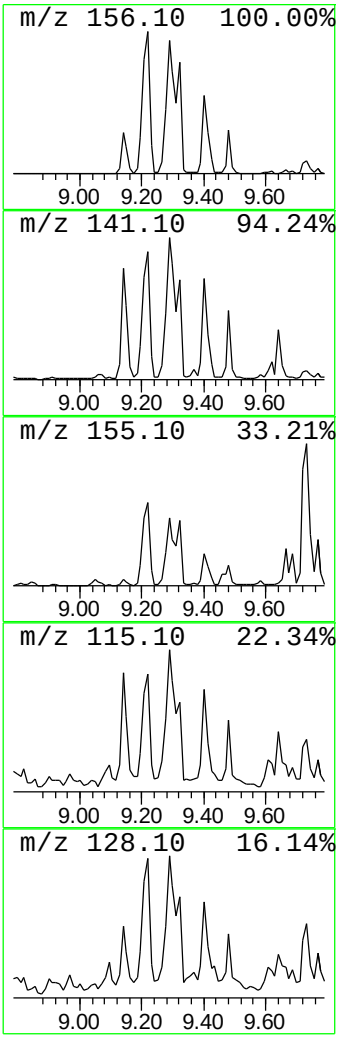
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	50.41 ng	28078200	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





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Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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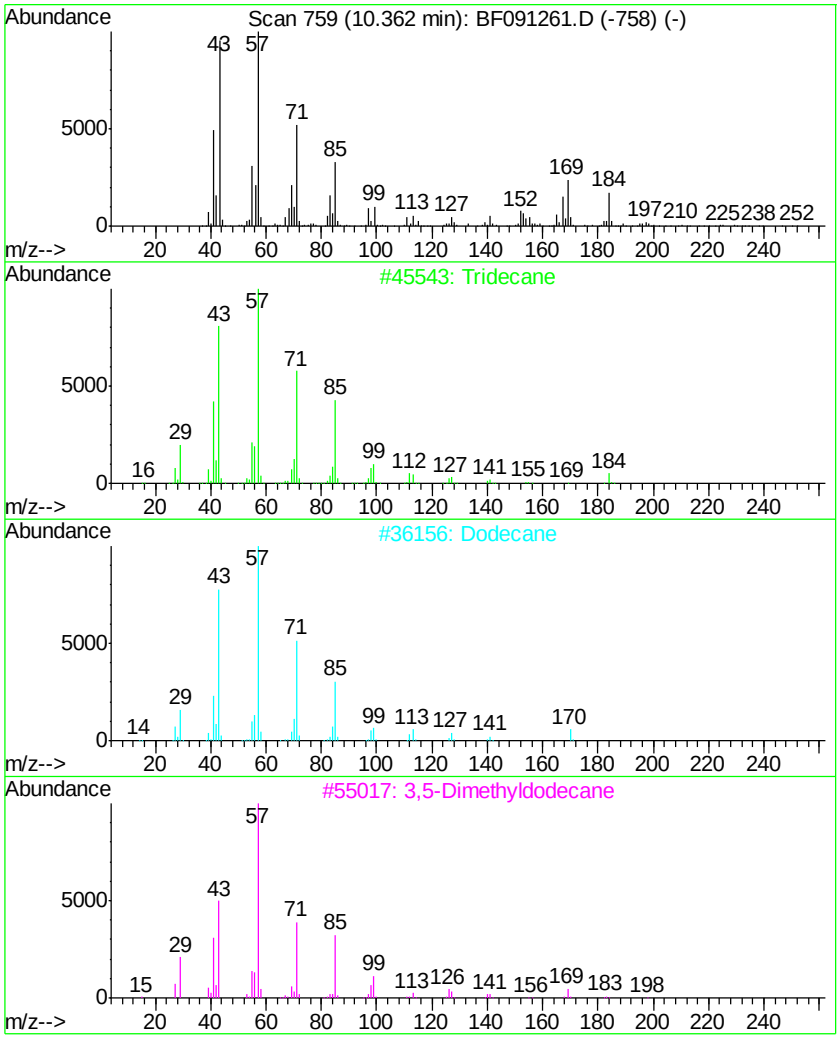
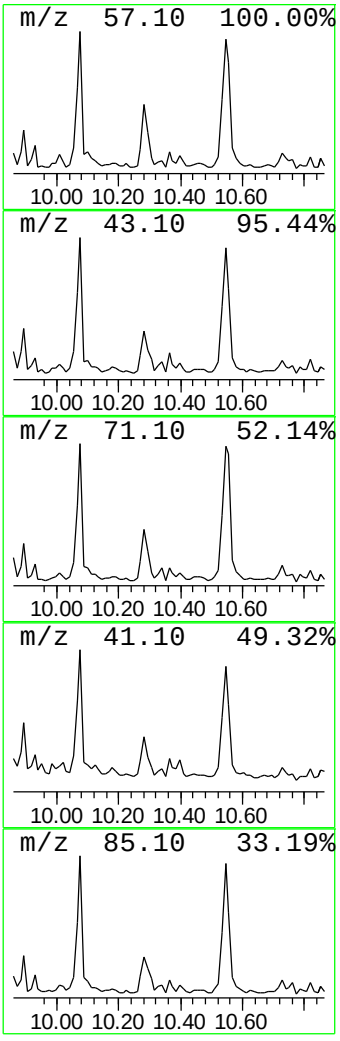
Peak Number 9 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	41.38 ng	3030400	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	76
2	Dodecane	170	C12H26	000112-40-3	64
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	62
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	62





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Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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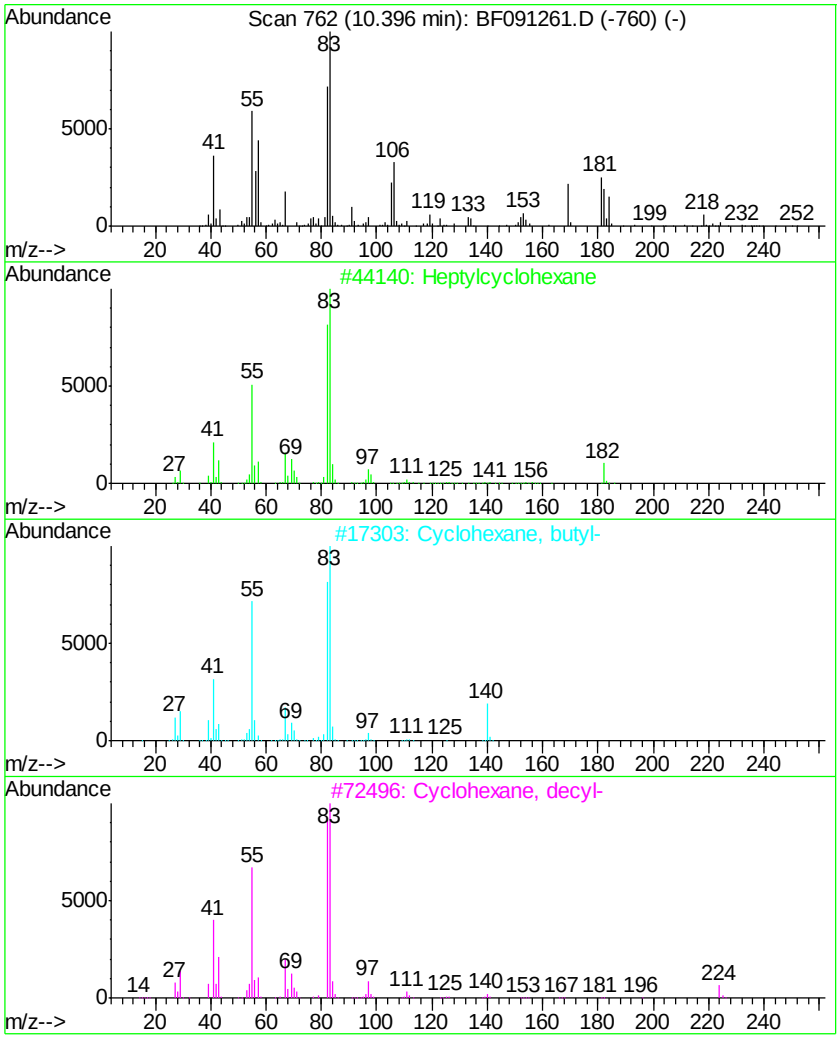
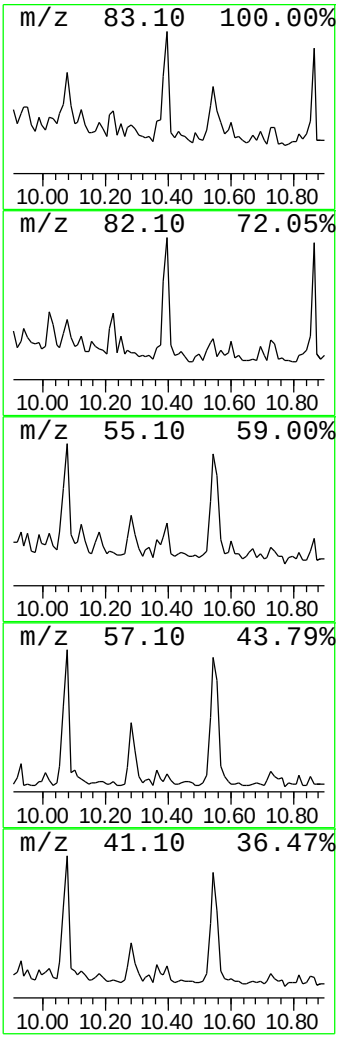
Peak Number 10 unknown10.40 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	76.58 ng	5608660	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	49
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	38
3	Cyclohexane, decyl-	224	C16H32	001795-16-0	38
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	35
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	32





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Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

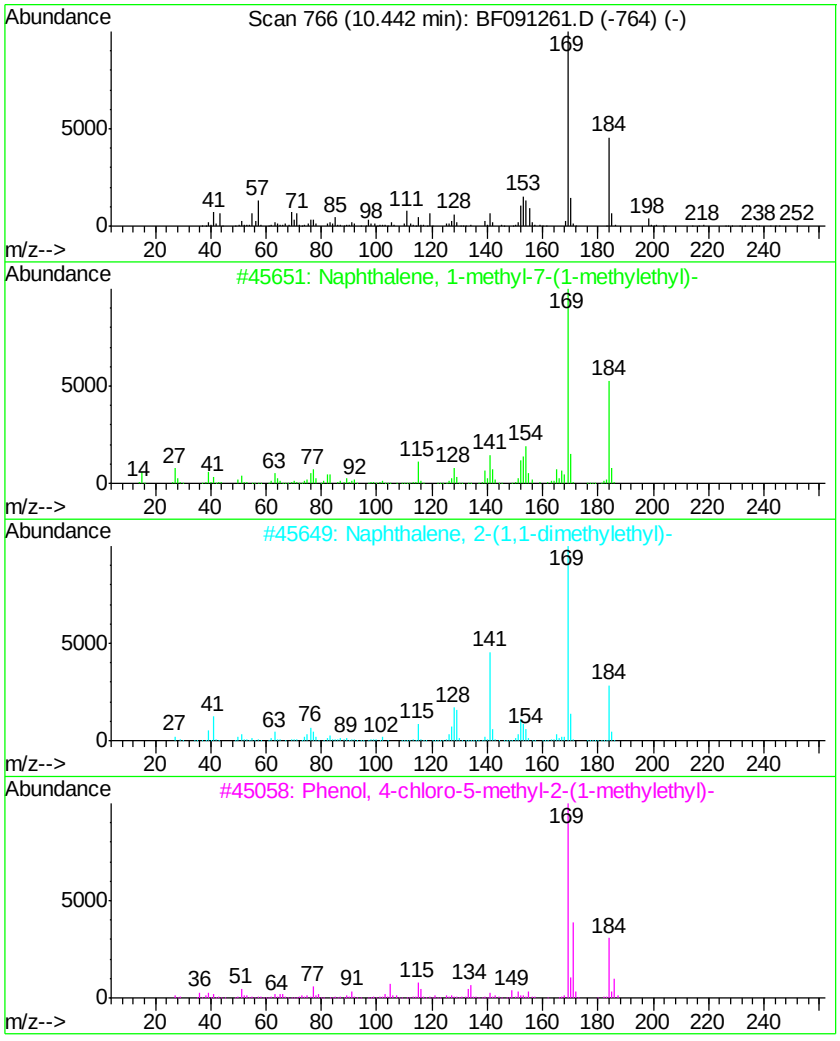
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

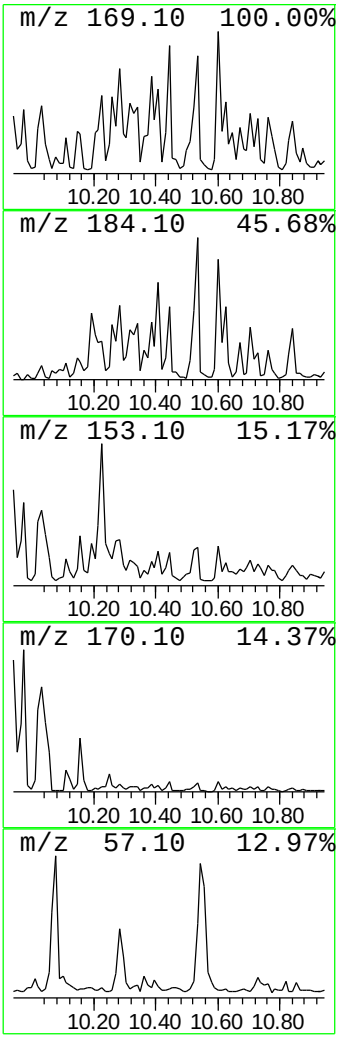
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1-methyl-7-(1-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	55.38 ng	4056140	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	91
2	Naphthalene, 2-(1,1-dimethylethyl)-	184	C14H16	002876-35-9	64
3	Phenol, 4-chloro-5-methyl-2-(1-m...	184	C10H13ClO	000089-68-9	59
4	2,4,6(1H,3H,5H)-Pyrimidinetrione...	240	C12H20N2O3	055134-03-7	59
5	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	59





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Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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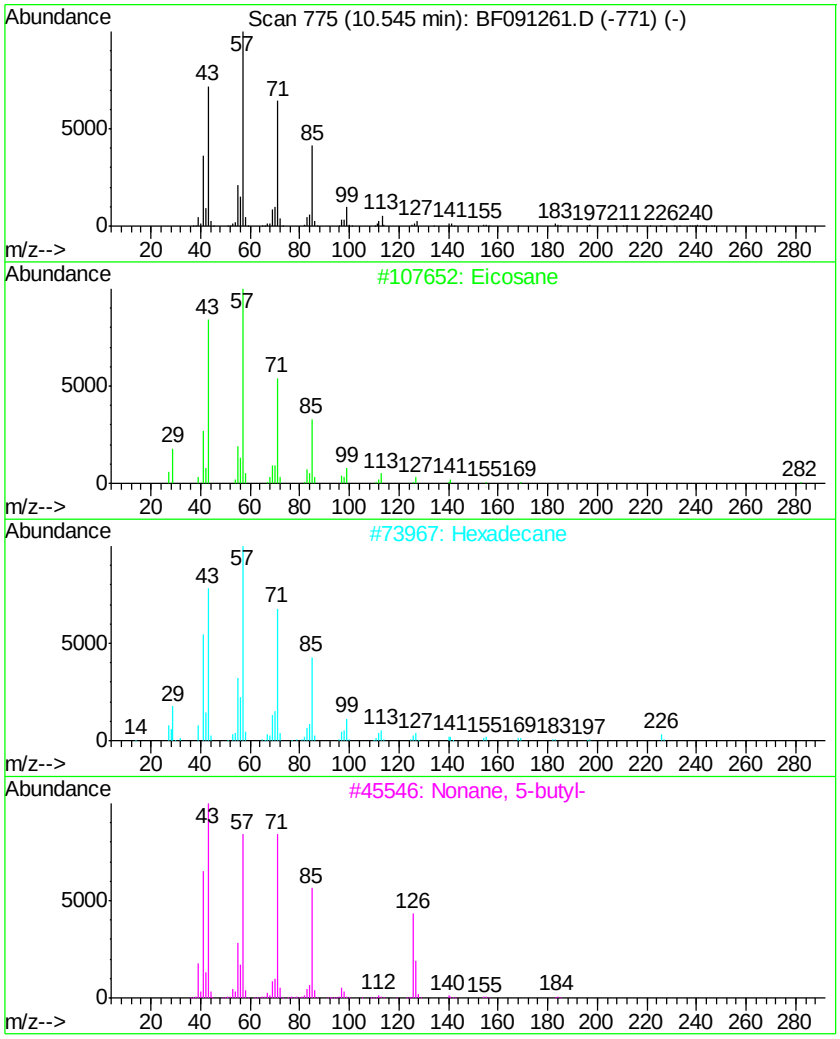
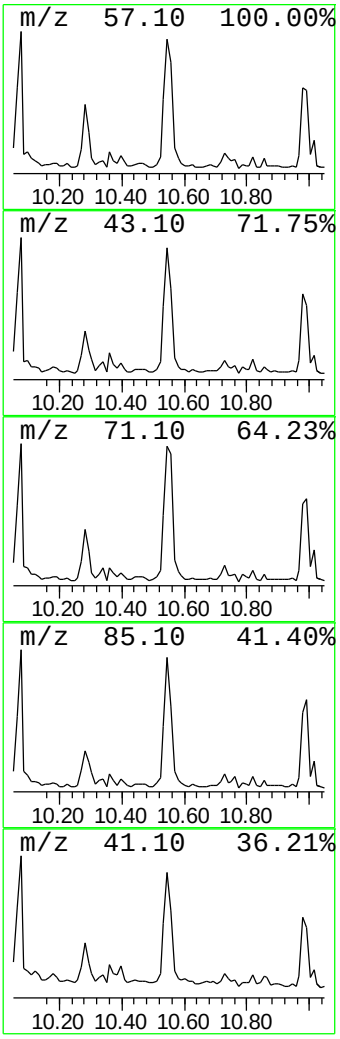
Peak Number 12 Eicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	328.11 ng	24030200	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
4	Decane, 5-propyl-	184	C13H28	017312-62-8	81
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	76





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Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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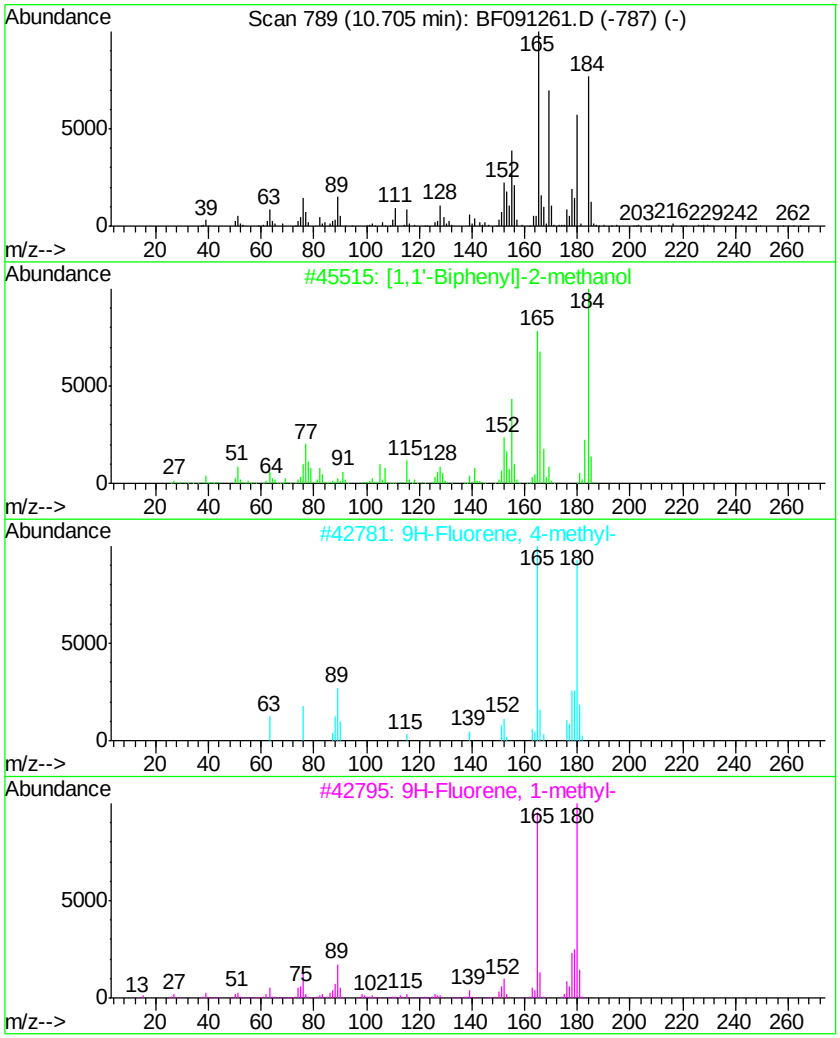
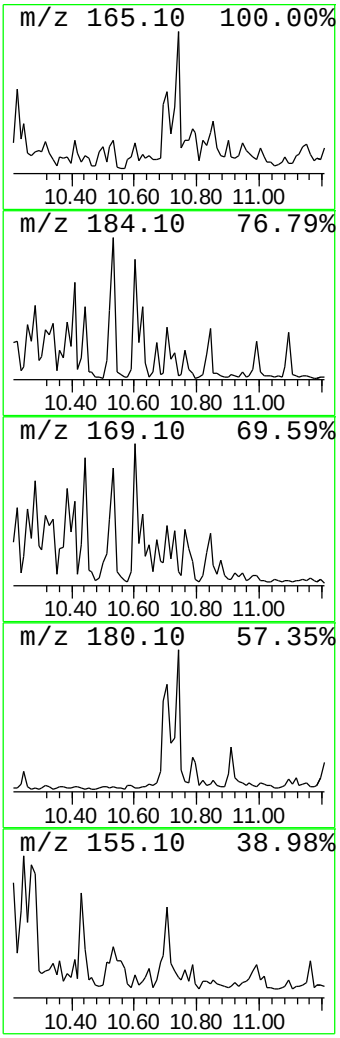
Peak Number 14 [1,1'-Biphenyl]-2-methanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	40.13 ng	2939250	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-2-methanol	184	C13H12O	002928-43-0	58
2	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	55
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	55
4	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	46
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	46





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Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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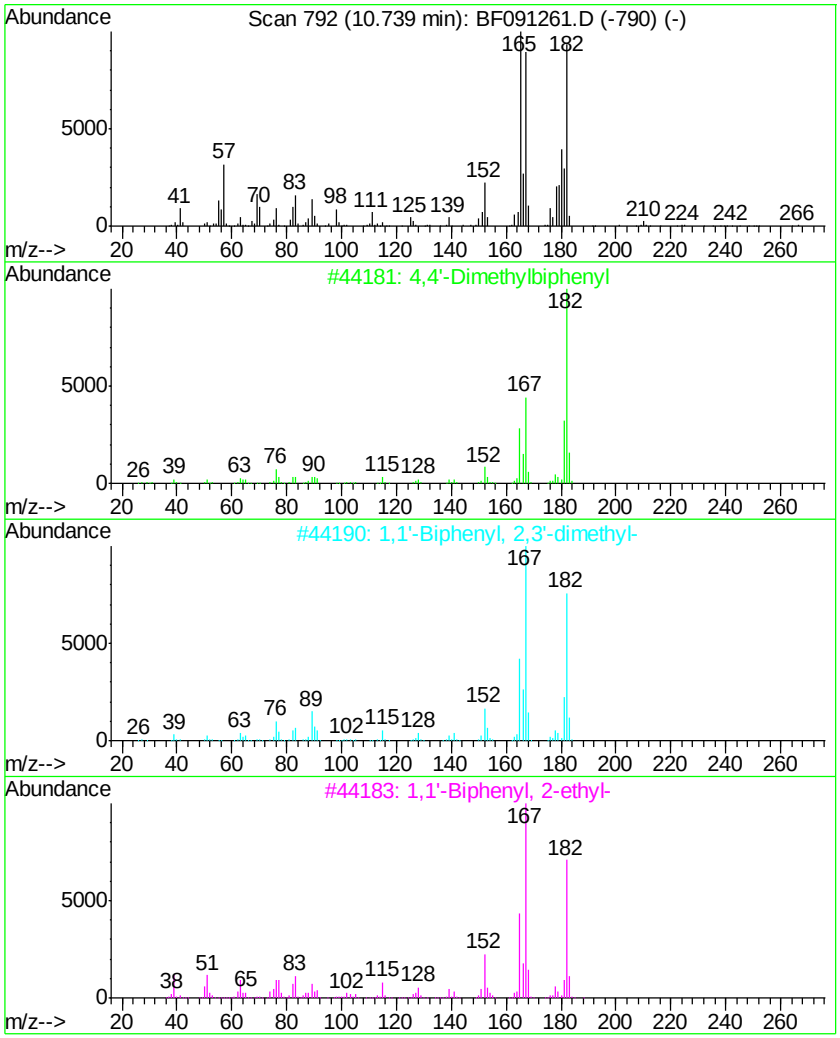
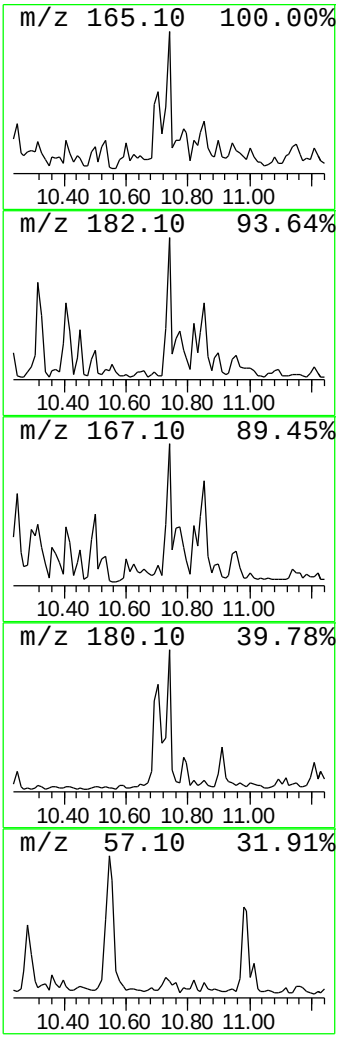
Peak Number 15 4,4'-Dimethylbiphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	77.88 ng	5703900	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	62
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	49
3	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	49
4	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	46
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	42





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Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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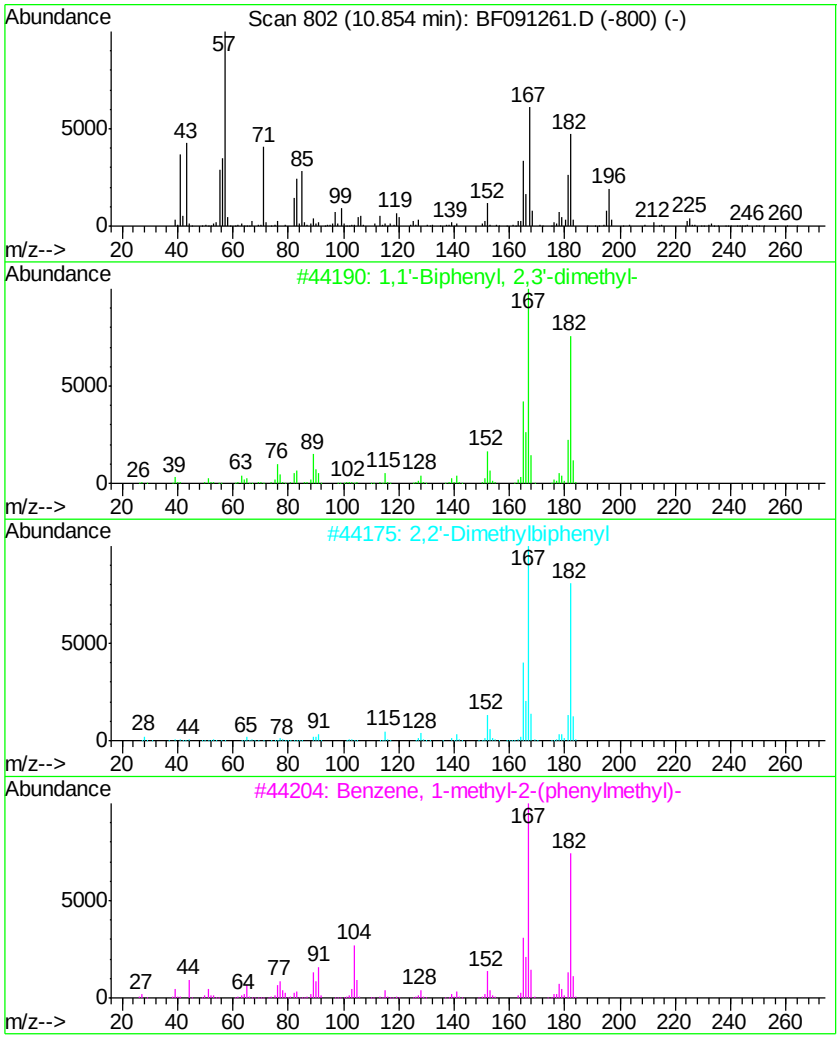
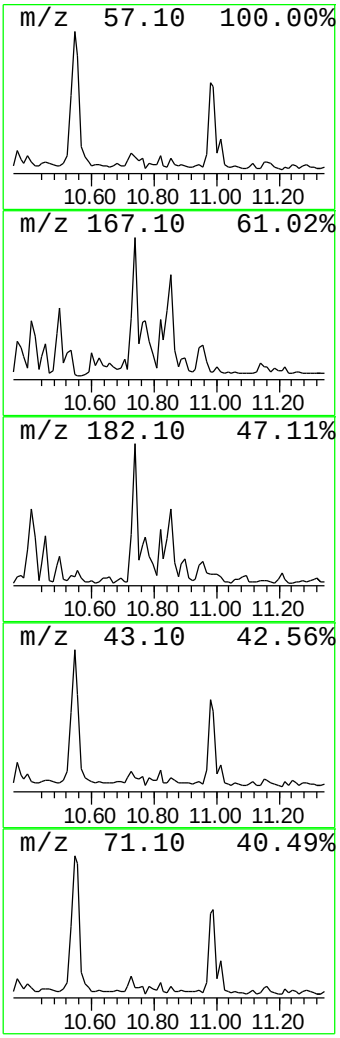
Peak Number 16 unknown10.85 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	49.64 ng	3635890	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	49
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	46
3	Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	43
4	Benzenemethanethiol, .alpha.-met...	214	C14H14S	074630-84-5	35
5	p-Ethyldiphenylmethane	196	C15H16	000620-85-9	35





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Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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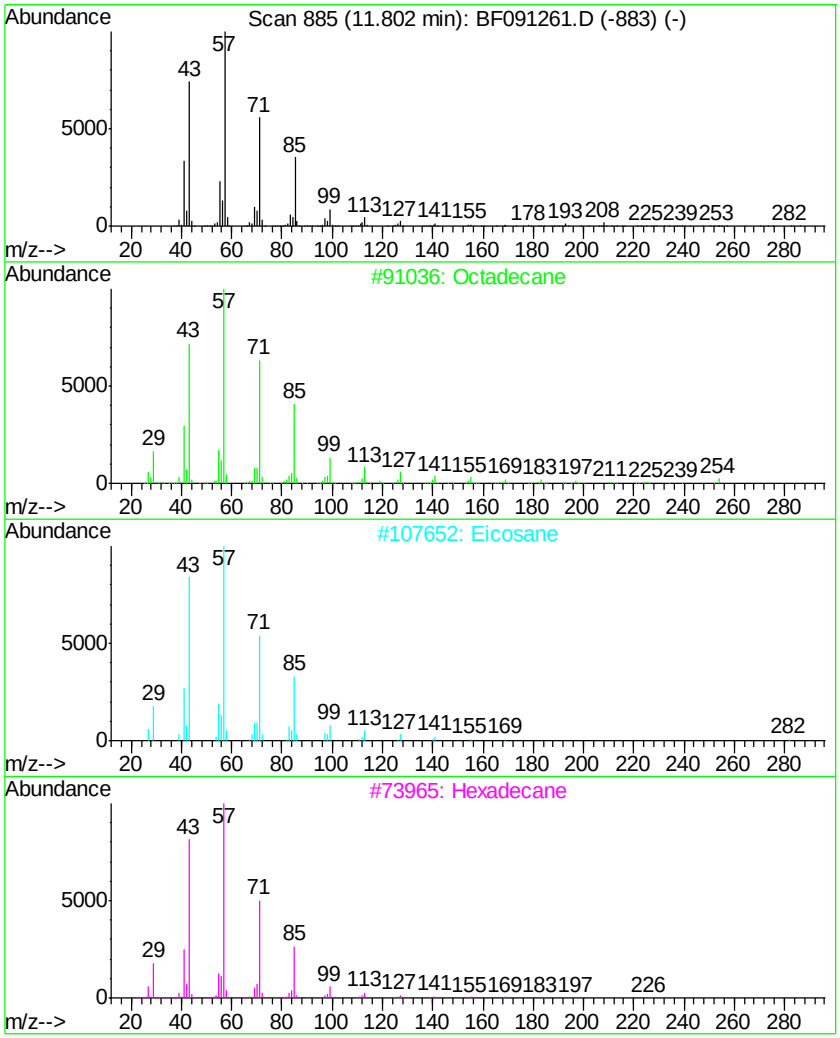
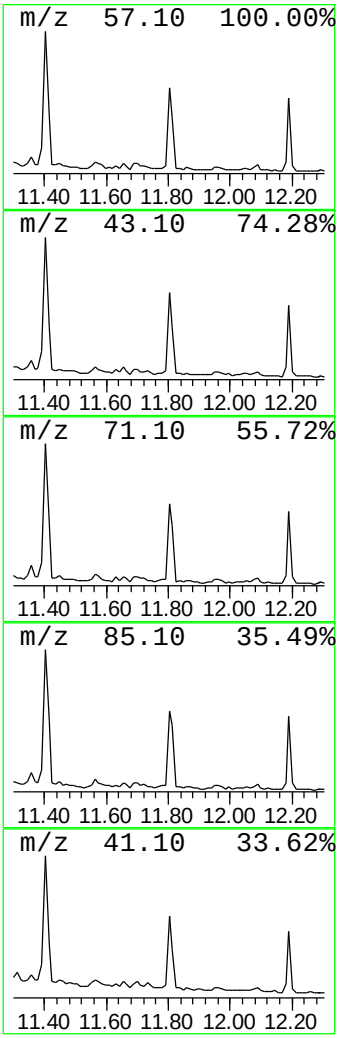
Peak Number 19 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	63.59 ng	4657290	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
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Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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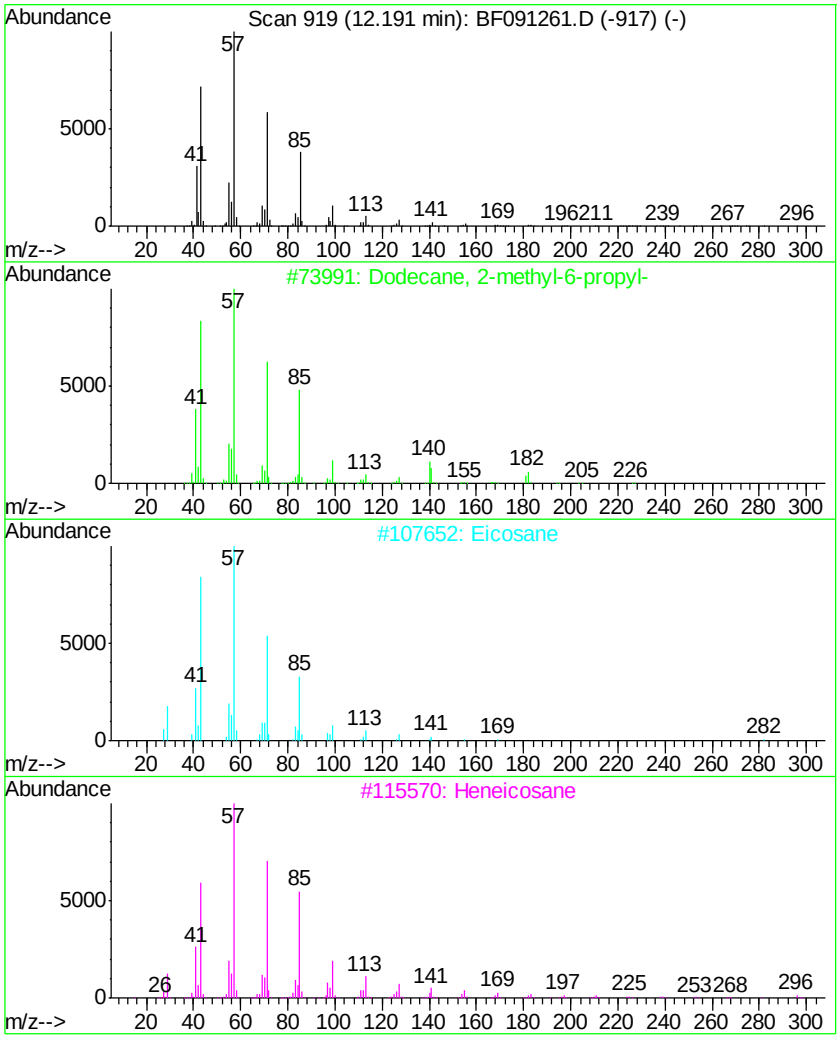
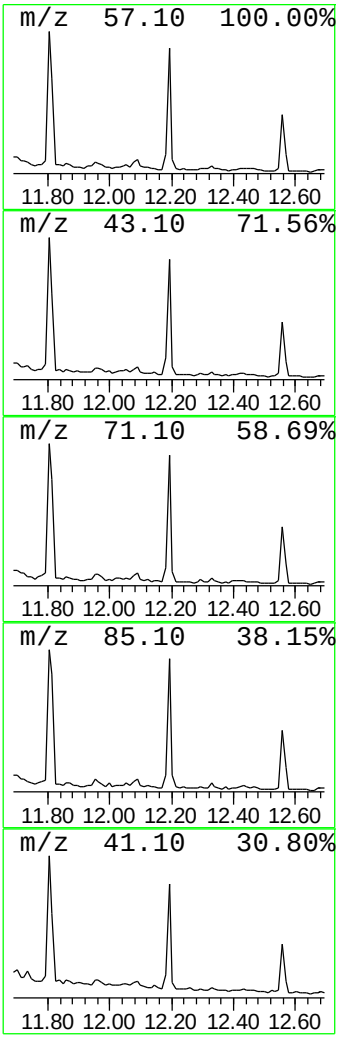
Peak Number 20 Dodecane, 2-methyl-6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	38.05 ng	2786450	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112116\
Data File : BF091261.D
Acq On : 22 Nov 2016 00:04
Operator : UM/SJ
Sample : H5660-03 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonane	5.44	35.8	ng	2049920	1	6.57	1144160	20.0
Decane	6.42	93.4	ng	5341130	1	6.57	1144160	20.0
Cyclohexane, (2-m...	6.73	48.6	ng	2781720	1	6.57	1144160	20.0
Undecane, 3,4-dim...	6.98	45.7	ng	2613660	1	6.57	1144160	20.0
Tetradecane	7.20	162.2	ng	9276950	1	6.57	1144160	20.0
Naphthalene, 2,6-...	9.22	36.9	ng	20535100	3	9.62	11140000	20.0
Naphthalene, 2,3-...	9.29	50.4	ng	28078200	3	9.62	11140000	20.0
Tridecane	10.36	41.4	ng	3030400	4	11.09	1464790	20.0
unknown10.40	10.40	76.6	ng	5608660	4	11.09	1464790	20.0
Naphthalene, 1-me...	10.44	55.4	ng	4056140	4	11.09	1464790	20.0
Eicosane	10.55	328.1	ng	24030200	4	11.09	1464790	20.0
[1,1'-Biphenyl]-2...	10.71	40.1	ng	2939250	4	11.09	1464790	20.0
4,4'-Dimethylbiph...	10.74	77.9	ng	5703900	4	11.09	1464790	20.0
unknown10.85	10.85	49.6	ng	3635890	4	11.09	1464790	20.0
Octadecane	11.80	63.6	ng	4657290	4	11.09	1464790	20.0
Dodecane, 2-methy...	12.19	38.0	ng	2786450	4	11.09	1464790	20.0