LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086404.D
Acq On : 23 Apr 2016 21:50
Operator : UM/SJ
Sample : H2652-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

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-BF042216.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	5.024	254	257	261	rBV	73530	113421	3.20%	0.177%
2	5.447	291	294	296	rBV	2995426	3474843	98.18%	5.412%
3	5.664	310	313	318	rBV2	67540	131955	3.73%	0.206%
4	6.087	348	350	353	rVB	127308	136236	3.85%	0.212%
5	6.282	364	367	368	rBV	62942	80899	2.29%	0.126%
6	6.373	373	375	379	rVB3	135324	200888	5.68%	0.313%
7	6.476	382	384	387	rBV	2519539	3037053	85.81%	4.730%
8	6.613	394	396	398	rVV	3742920	3539238	100.00%	5.513%
9	6.682	400	402	405	rBV2	301903	317304	8.97%	0.494%
10	6.842	414	416	420	rBV2	1145653	1271789	35.93%	1.981%
11	7.002	428	430	432	rBV	3107512	3006551	84.95%	4.683%
12	7.127	435	441	442	rVB3	146723	285119	8.06%	0.444%
13	7.162	442	444	445	rBV2	74696	108214	3.06%	0.169%
14	7.185	445	446	449	rVB2	121084	127060	3.59%	0.198%
15	7.242	449	451	453	rBV	157116	192441	5.44%	0.300%
16	7.402	463	465	468	rVV	1274613	1965605	55.54%	3.062%
17	7.447	468	469	471	rVB	515561	374693	10.59%	0.584%
18	7.493	471	473	475	rVB2	106943	167756	4.74%	0.261%
19	7.562	477	479	481	rVB	96027	98174	2.77%	0.153%
20	7.653	481	487	488	rBV4	105300	252778	7.14%	0.394%
21	7.699	489	491	493	rBV	204218	257802	7.28%	0.402%
22	7.756	493	496	499	rVB5	80609	186359	5.27%	0.290%
23	7.813	499	501	503	rVB2	117710	133337	3.77%	0.208%
24	7.882	503	507	510	rBV4	162110	422719	11.94%	0.658%
25	7.928	510	511	516	rVB4	129393	223951	6.33%	0.349%
26	8.088	522	525	526	rBV3	80462	186521	5.27%	0.291%
27	8.122	526	528	532	rBV2	1098134	1930284	54.54%	3.007%
28	8.190	532	534	541	rVB2	247939	545617	15.42%	0.850%
29	8.305	541	544	545	rBV2	65253	127498	3.60%	0.199%
30	8.339	545	547	551	rBV4	94718	168035	4.75%	0.262%
31	8.408	551	553	558	rBV6	205664	436625	12.34%	0.680%
32	8.476	558	559	561	rBV2	109729	104592	2.96%	0.163%
33	8.510	561	562	564	rVB2	191596	169128	4.78%	0.263%
34	8.556	564	566	568	rBV	309357	337884	9.55%	0.526%

LSC Area Percent Report

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Acq On : 23 Apr 2016 21:50
Operator : UM/SJ
Sample : H2652-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

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-BF042216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.636	571	573	574	rBV	107807	96298	2.72%	0.150%
36	8.682	574	577	579	rBV3	86541	145811	4.12%	0.227%
37	8.728	579	581	582	rBV	684540	680284	19.22%	1.060%
38	8.819	587	589	593	rVB3	173696	272266	7.69%	0.424%
39	8.899	593	596	597	rBV2	54573	81593	2.31%	0.127%
40	8.945	597	600	602	rBV3	83093	134487	3.80%	0.209%
41	9.036	604	608	611	rBV5	156240	440754	12.45%	0.687%
42	9.082	611	612	614	rVB	101400	128541	3.63%	0.200%
43	9.128	614	616	617	rBV	122382	118858	3.36%	0.185%
44	9.151	617	618	620	rVB	300603	282403	7.98%	0.440%
45	9.208	620	623	625	rBV	3389982	3489625	98.60%	5.435%
46	9.288	628	630	633	rBV	1161354	1090185	30.80%	1.698%
47	9.402	638	640	643	rVB	112782	146221	4.13%	0.228%
48	9.471	643	646	648	rBV2	175037	297219	8.40%	0.463%
49	9.539	648	652	653	rBV	335413	379276	10.72%	0.591%
50	9.596	655	657	659	rVV2	688189	964304	27.25%	1.502%
51	9.665	661	663	665	rVV3	164822	240633	6.80%	0.375%
52	9.745	668	670	672	rVB	129355	170393	4.81%	0.265%
53	9.791	672	674	675	rBV	99279	103472	2.92%	0.161%
54	9.813	675	676	678	rBV	1073373	1089902	30.79%	1.698%
55	9.882	678	682	683	rVV	1312423	1355625	38.30%	2.111%
56	9.916	683	685	687	rVV2	292402	403052	11.39%	0.628%
57	9.985	689	691	693	rVB	131885	170413	4.81%	0.265%
58	10.042	693	696	698	rBV3	121253	252948	7.15%	0.394%
59	10.076	698	699	702	rVV2	333043	538358	15.21%	0.839%
60	10.145	702	705	706	rVV2	173823	358949	10.14%	0.559%
61	10.202	708	710	711	rVB	90669	98663	2.79%	0.154%
62	10.282	716	717	718	rBV	116724	143845	4.06%	0.224%
63	10.316	718	720	721	rVV	1264166	1020347	28.83%	1.589%
64	10.374	723	725	728	rVB3	102259	152431	4.31%	0.237%
65	10.431	728	730	733	rBV2	381549	585777	16.55%	0.912%
66	10.534	736	739	742	rBV2	360822	524230	14.81%	0.817%
67	10.579	742	743	745	rVB	146794	189610	5.36%	0.295%
68	10.625	745	747	748	rVB	85633	93913	2.65%	0.146%
69	10.671	748	751	753	rBV	1407004	1838063	51.93%	2.863%
70	10.705	753	754	757	rVB2	76504	114264	3.23%	0.178%
71	10.785	759	761	765	rVB	886747	1154078	32.61%	1.798%

LSC Area Percent Report

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Acq On : 23 Apr 2016 21:50
Operator : UM/SJ
Sample : H2652-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

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
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.865	766	768	771	rBV3	52438	84454	2.39%	0.132%
73	10.979	775	778	779	rBV2	132645	223042	6.30%	0.347%
74	11.231	797	800	802	rBV2	318278	560787	15.84%	0.873%
75	11.265	802	803	807	rVB2	277752	265910	7.51%	0.414%
76	11.368	809	812	813	rBV	814029	1460494	41.27%	2.275%
77	11.391	813	814	816	rVV	1002557	776090	21.93%	1.209%
78	11.436	816	818	820	rVB	661024	602466	17.02%	0.938%
79	11.596	830	832	835	rBV2	130186	265276	7.50%	0.413%
80	11.665	836	838	839	rVB	203203	206262	5.83%	0.321%
81	11.859	853	855	857	rBV	228499	364360	10.29%	0.568%
82	11.894	857	858	860	rVV	332609	324937	9.18%	0.506%
83	11.939	860	862	863	rVV2	160095	211173	5.97%	0.329%
84	11.974	863	865	870	rVB2	538686	874323	24.70%	1.362%
85	12.419	902	904	905	rBV	204968	218131	6.16%	0.340%
86	12.454	905	907	910	rVV2	215639	338601	9.57%	0.527%
87	12.591	916	919	920	rBV	1778728	2056577	58.11%	3.203%
88	12.614	920	921	925	rVB3	120203	239826	6.78%	0.374%
89	12.808	935	938	939	rBV	1481101	1739274	49.14%	2.709%
90	12.945	948	950	953	rBV	1484841	2196796	62.07%	3.422%
91	13.128	964	966	968	rVB	282378	338943	9.58%	0.528%
92	13.185	969	971	974	rBV2	302658	573990	16.22%	0.894%
93	13.528	999	1001	1003	rBV	390840	464061	13.11%	0.723%
94	13.860	1028	1030	1034	rVB2	542922	723171	20.43%	1.126%
95	13.997	1040	1042	1048	rVB3	836651	1751729	49.49%	2.728%
96	14.477	1082	1084	1086	rBV	345262	366180	10.35%	0.570%
97	15.025	1130	1132	1135	rBV	398510	810177	22.89%	1.262%
98	15.563	1177	1179	1185	rVB3	318115	540653	15.28%	0.842%
99	16.100	1223	1226	1235	rVB	474939	1288783	36.41%	2.007%
100	16.511	1259	1262	1268	rVB	384126	877010	24.78%	1.366%

Sum of corrected areas: 64202936

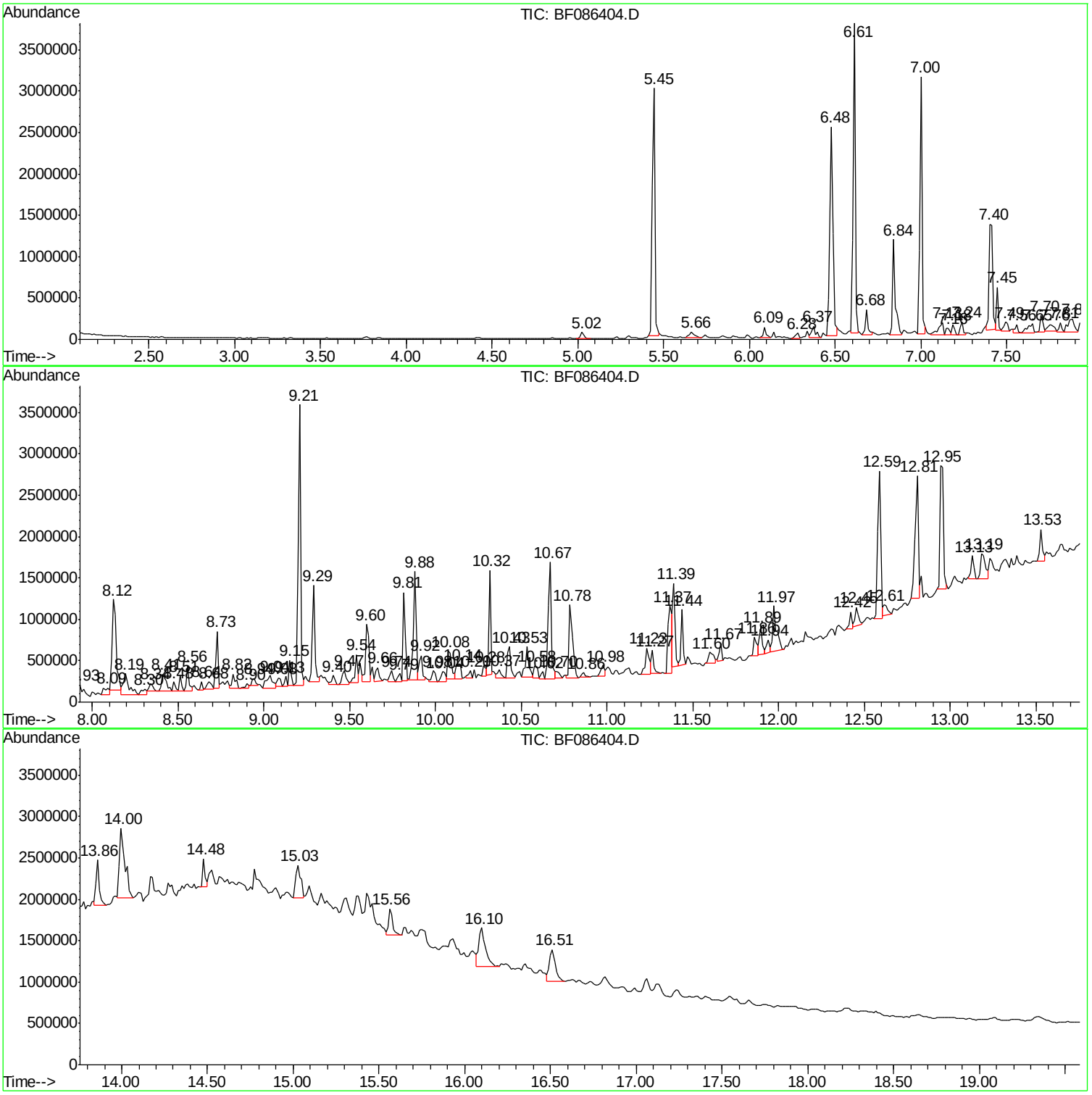
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086404.D
Acq On : 23 Apr 2016 21:50
Operator : UM/SJ
Sample : H2652-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086404.D
Acq On : 23 Apr 2016 21:50
Operator : UM/SJ
Sample : H2652-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

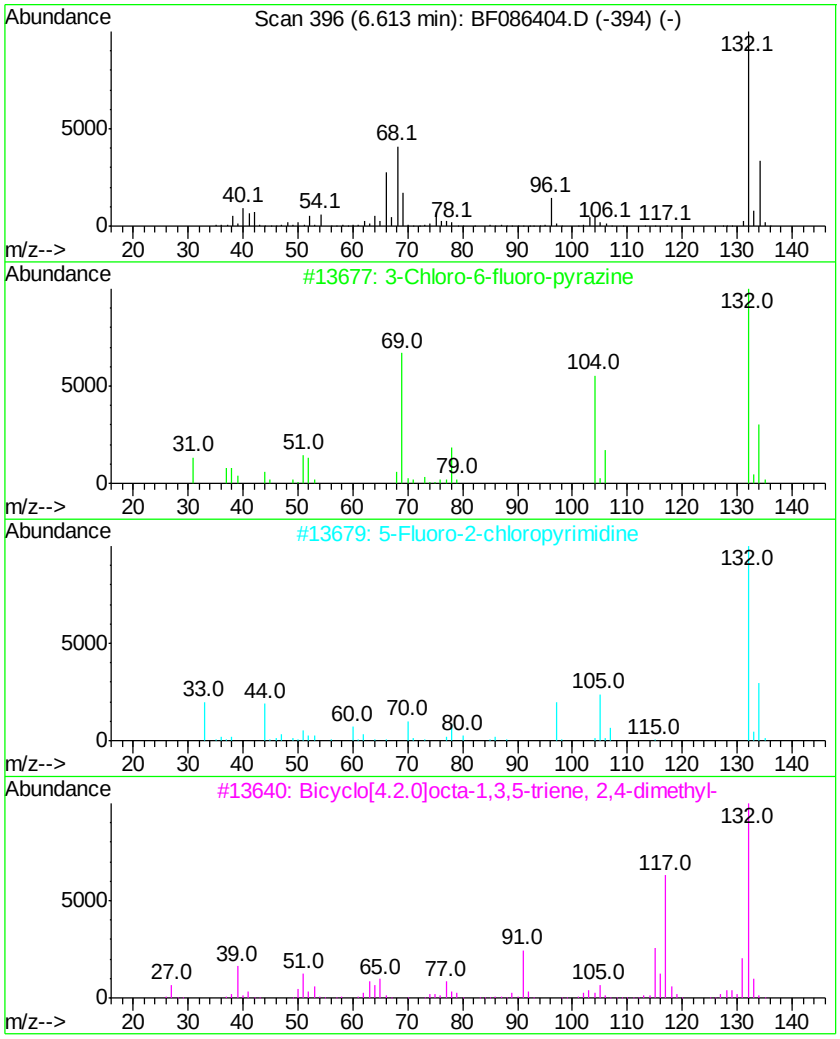
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

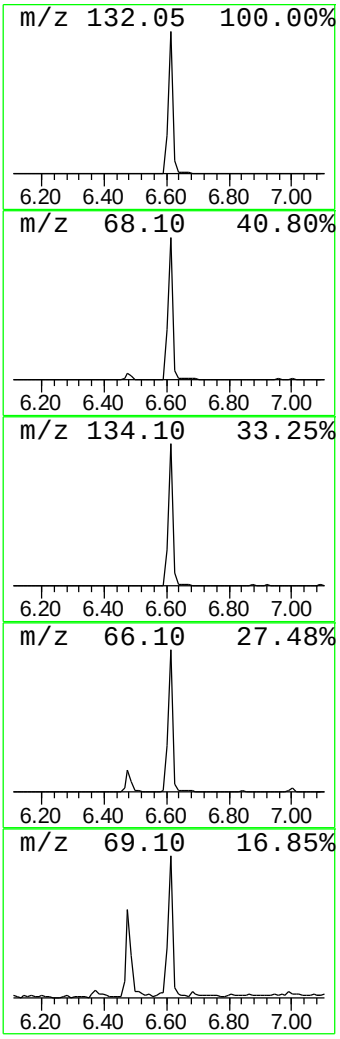
****

Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	55.66 ng	3539240	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086404.D
Acq On : 23 Apr 2016 21:50
Operator : UM/SJ
Sample : H2652-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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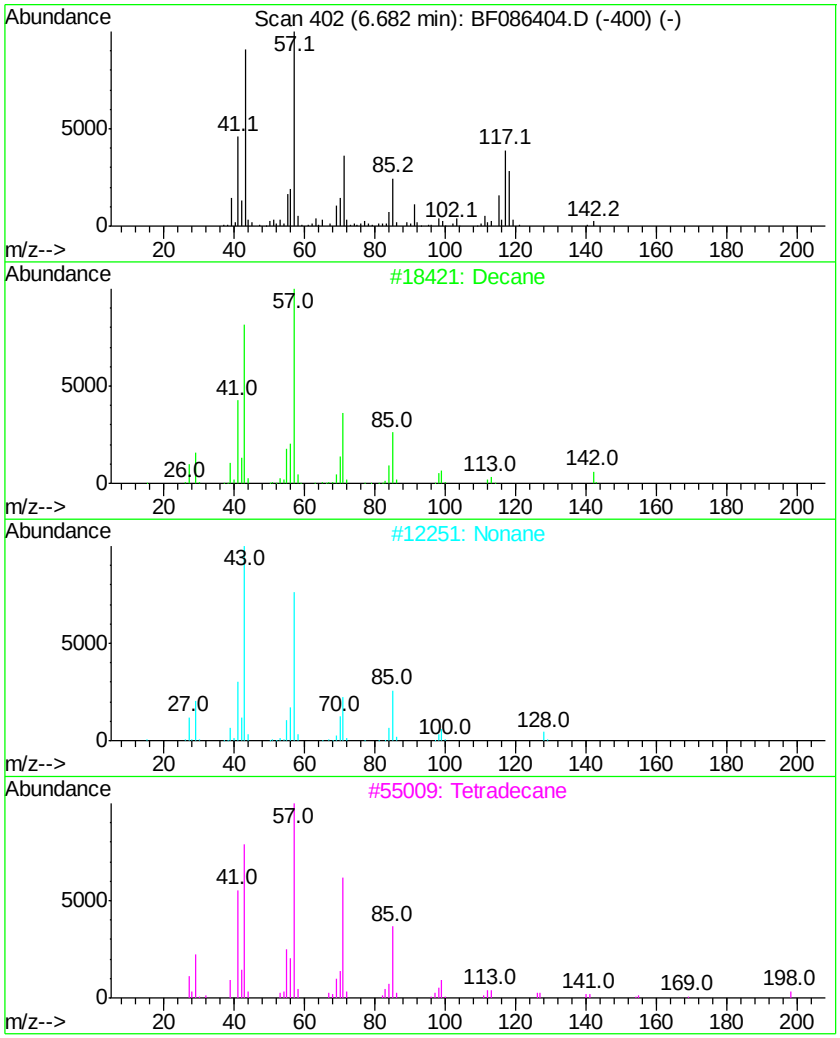
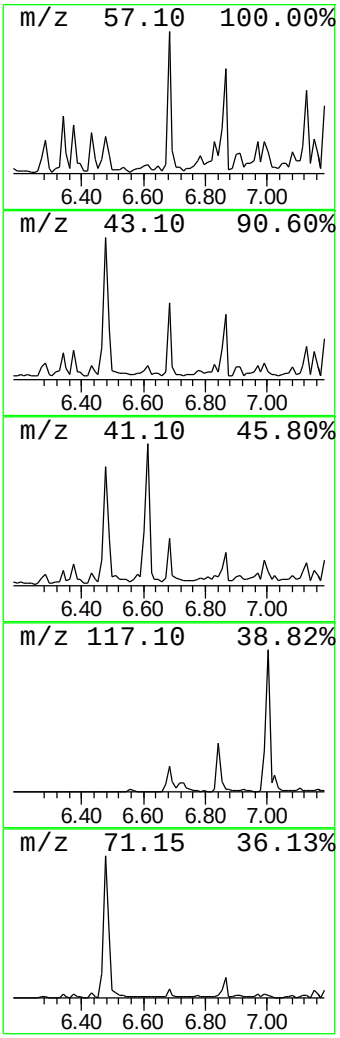
****

Peak Number 2 Decane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	4.99 ng	317304	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	64
2	Nonane	128	C9H20	000111-84-2	38
3	Tetradecane	198	C14H30	000629-59-4	35
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	35
5	Tridecane	184	C13H28	000629-50-5	35





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Acq On : 23 Apr 2016 21:50
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Sample : H2652-01
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Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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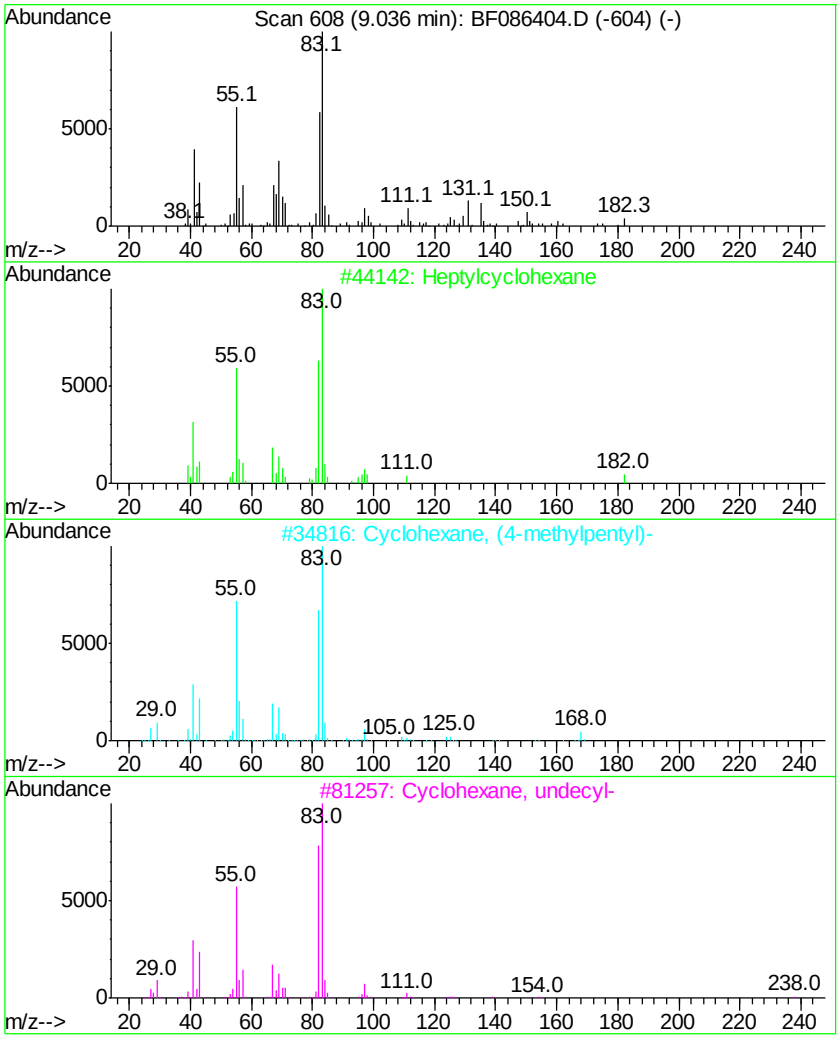
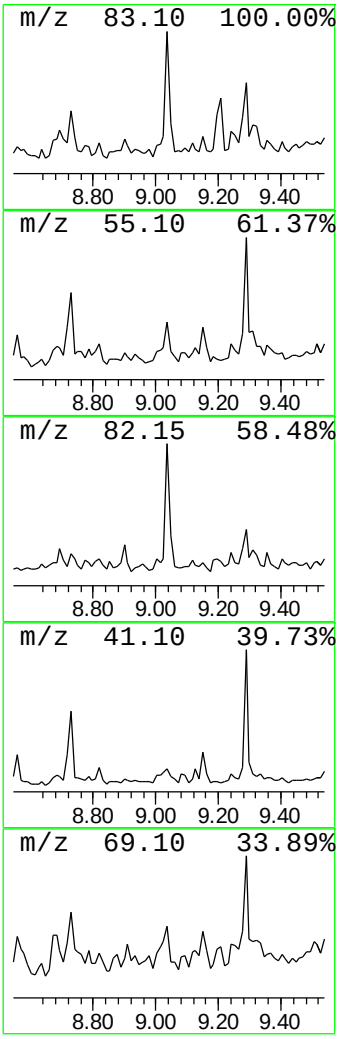
Peak Number 5 Heptylcyclohexane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	6.50 ng	440754	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	81
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086404.D
Acq On : 23 Apr 2016 21:50
Operator : UM/SJ
Sample : H2652-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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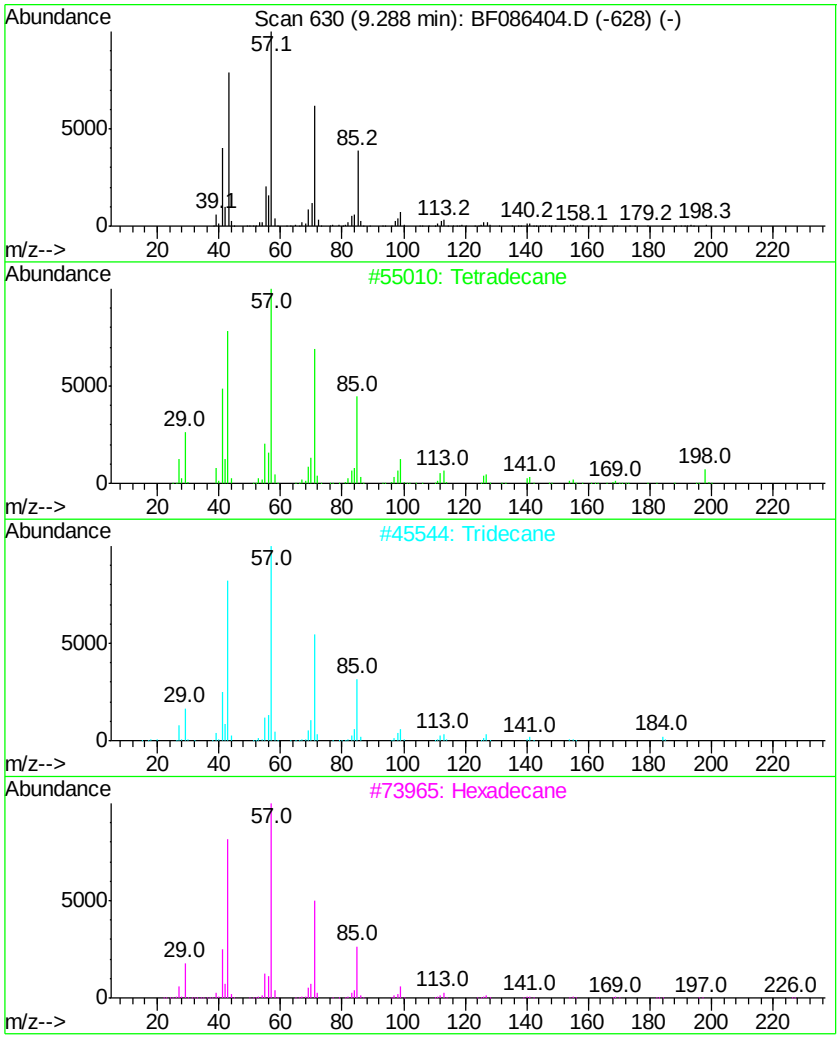
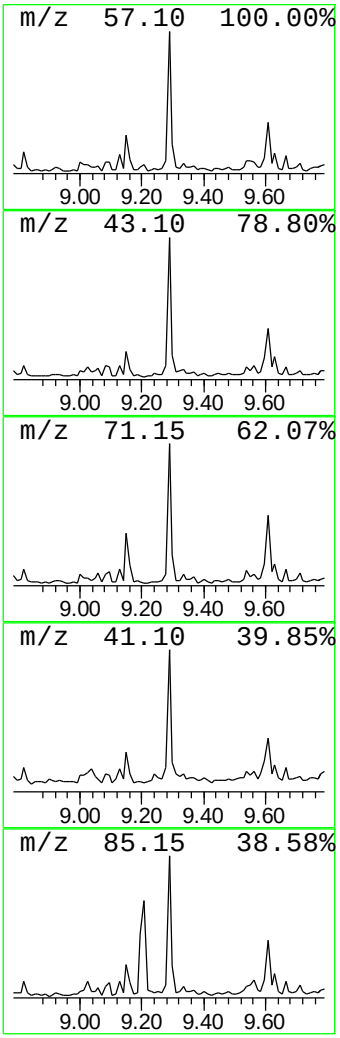
Peak Number 6 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	16.08 ng	1090190	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	72





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Data File : BF086404.D
Acq On : 23 Apr 2016 21:50
Operator : UM/SJ
Sample : H2652-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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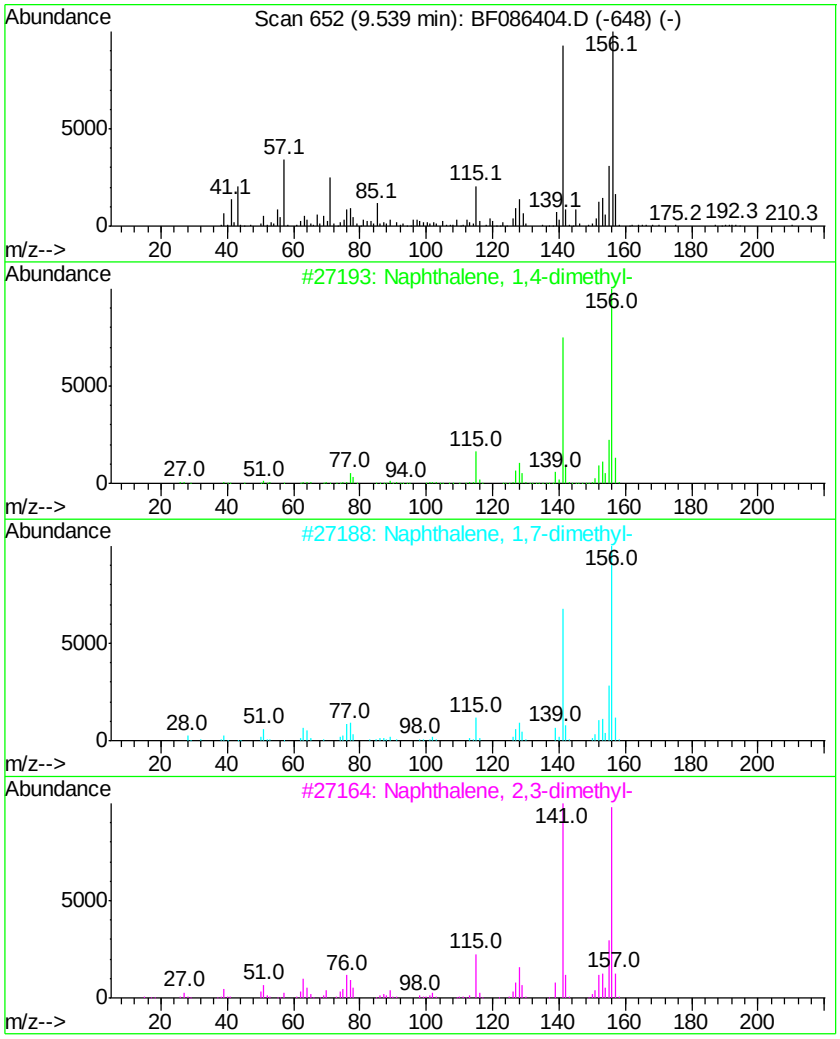
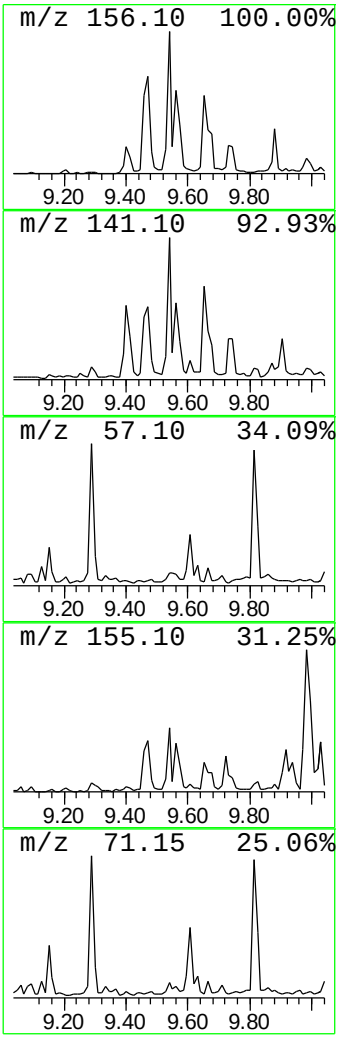
Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	5.60 ng	379276	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086404.D
Acq On : 23 Apr 2016 21:50
Operator : UM/SJ
Sample : H2652-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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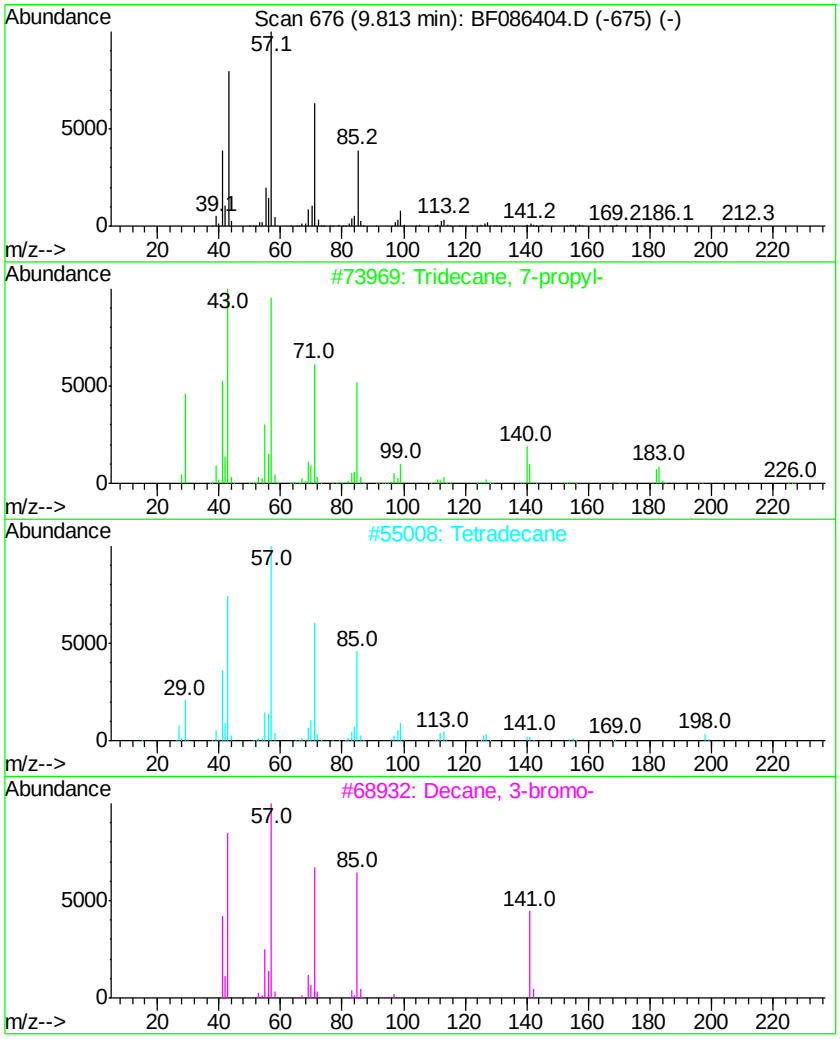
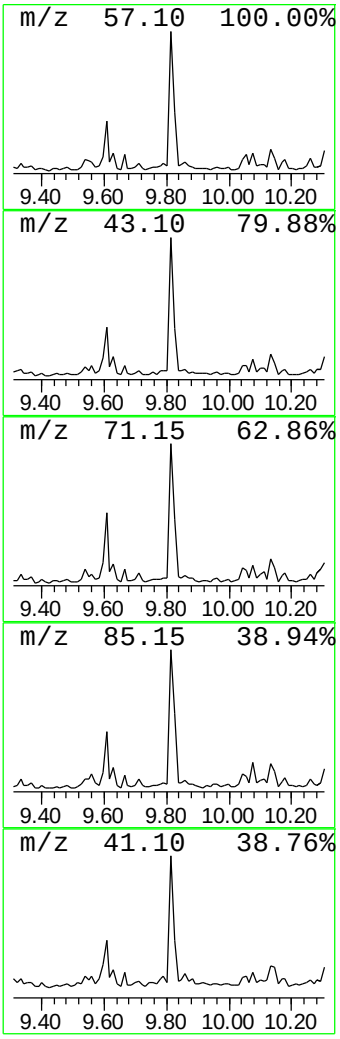
Peak Number 8 Tridecane, 7-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	16.08 ng	1089900	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Decane, 3-bromo-	220	C10H21Br	030571-71-2	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72





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Acq On : 23 Apr 2016 21:50
Operator : UM/SJ
Sample : H2652-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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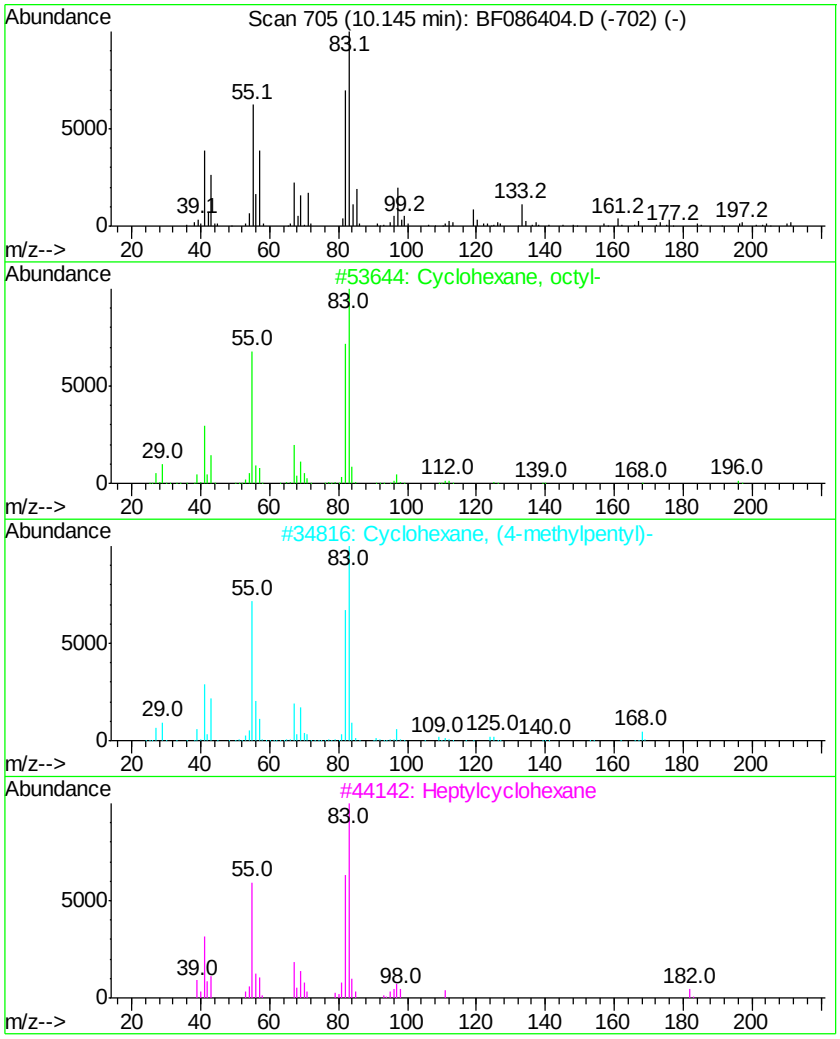
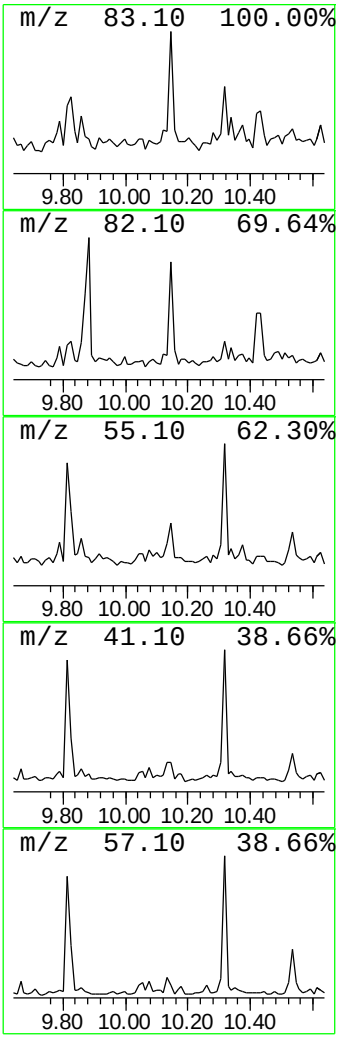
Peak Number 9 Cyclohexane, octyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	5.30 ng	358949	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	81
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
3	Heptylcyclohexane	182	C13H26	005617-41-4	64
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59





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ClientSampleId : WPG-B10(0-5)-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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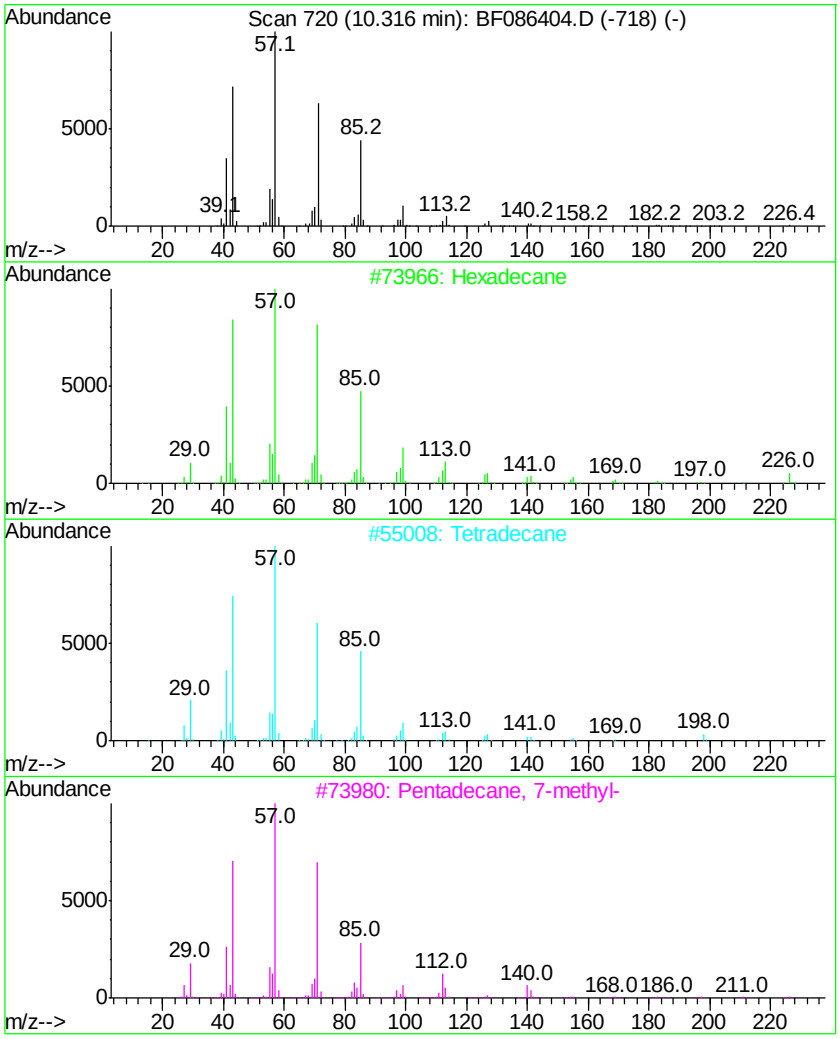
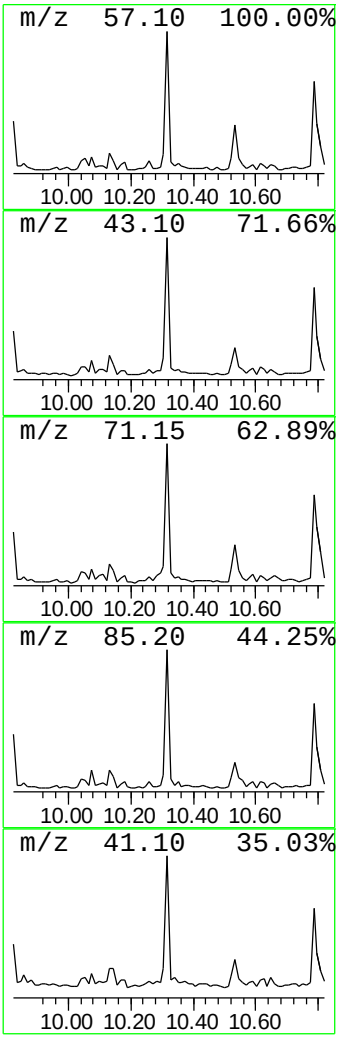
Peak Number 10 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	15.05 ng	1020350	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Eicosane	282	C20H42	000112-95-8	80





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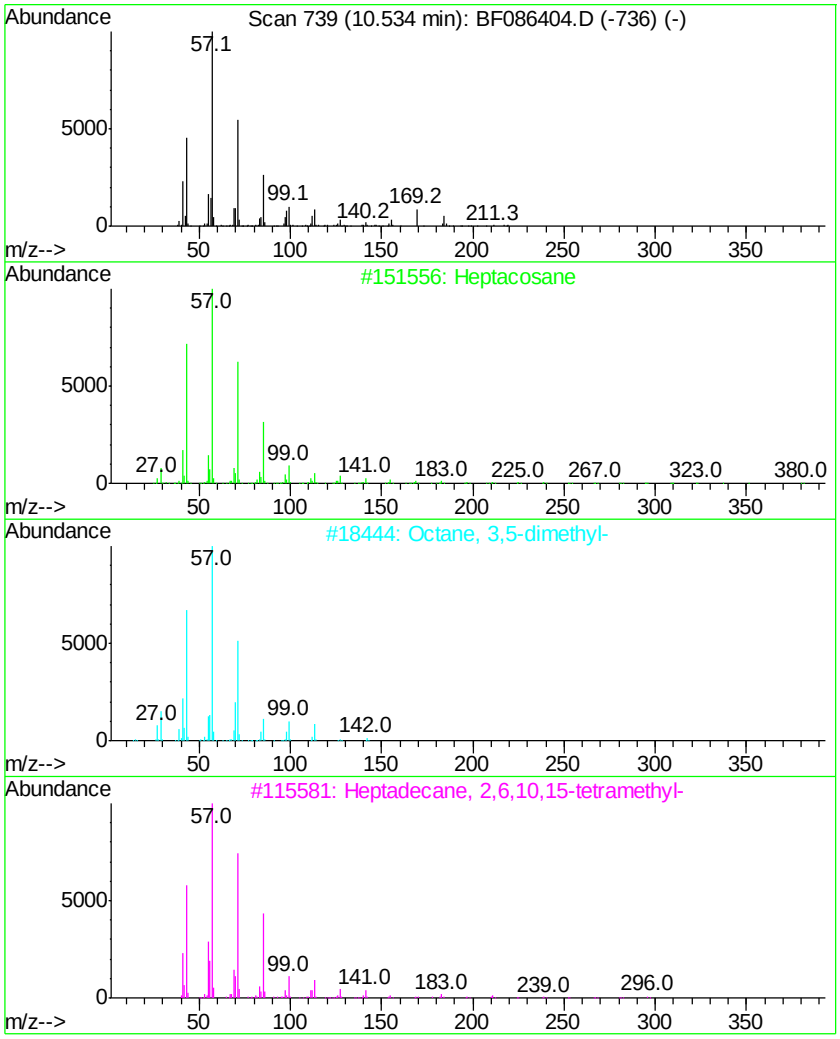
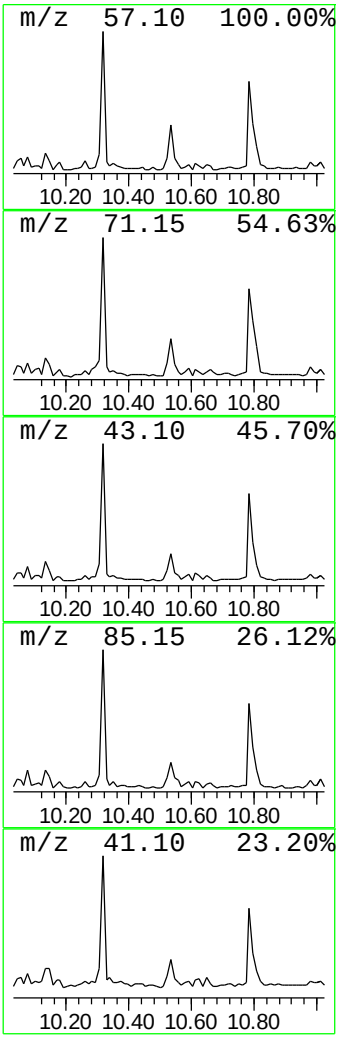
Peak Number 11 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	7.73 ng	524230	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	76
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
5	Tridecane	184	C13H28	000629-50-5	72





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Sample : H2652-01
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ALS Vial : 48 Sample Multiplier: 1

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ClientSampleId : WPG-B10(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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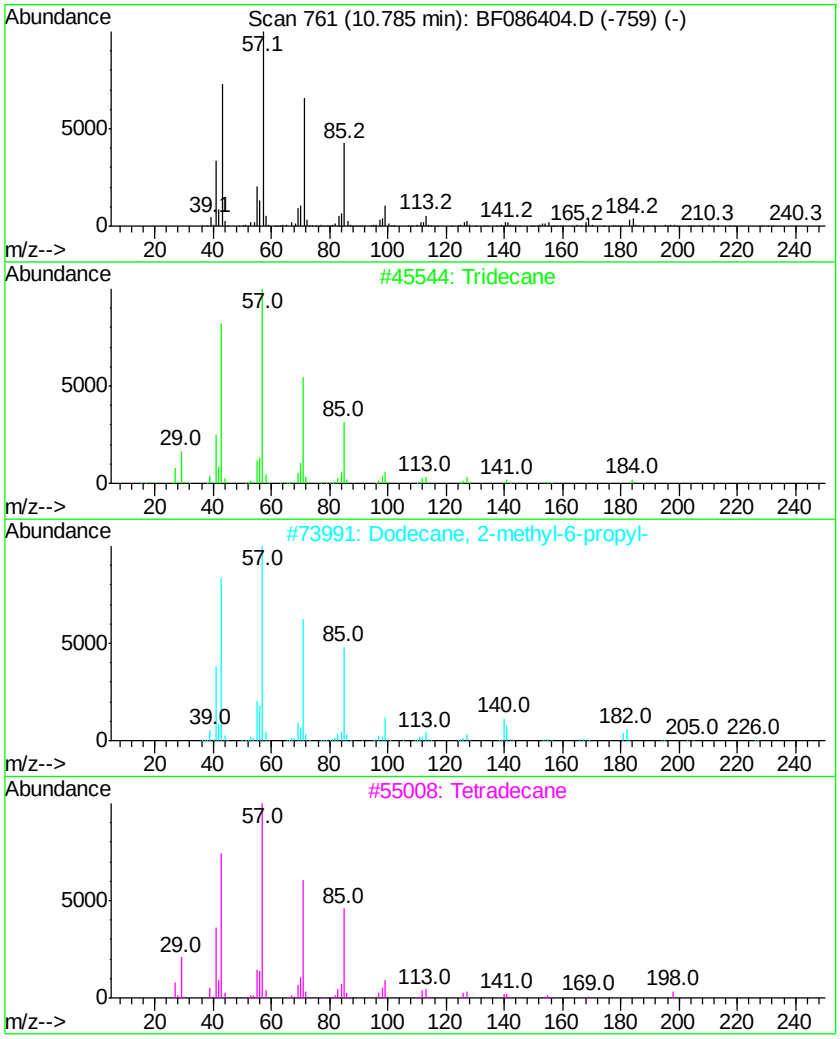
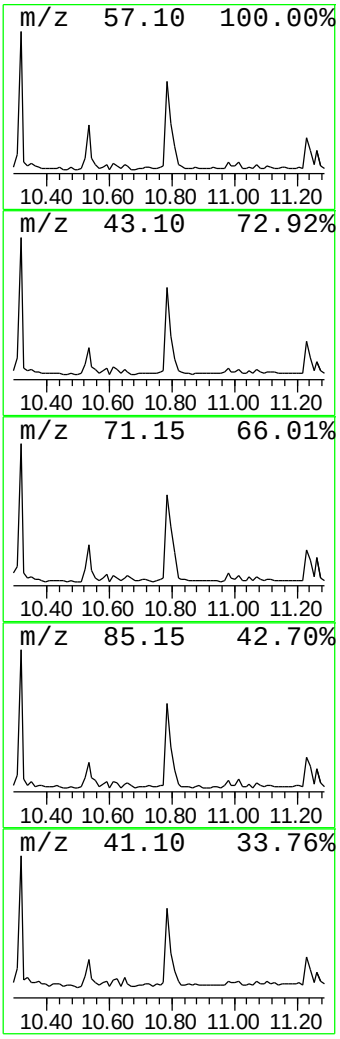
Peak Number 12 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	15.80 ng	1154080	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74
5	Eicosane	282	C20H42	000112-95-8	68





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TIC Library : C:\DATABASE\NIST02.L
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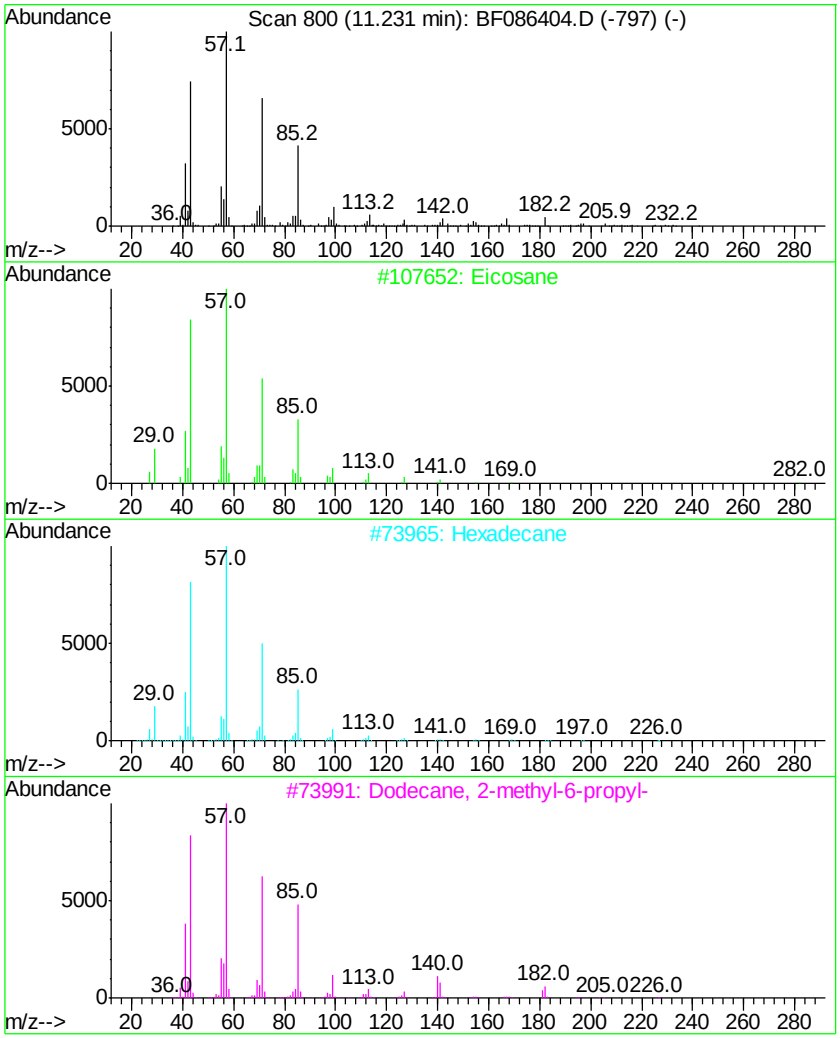
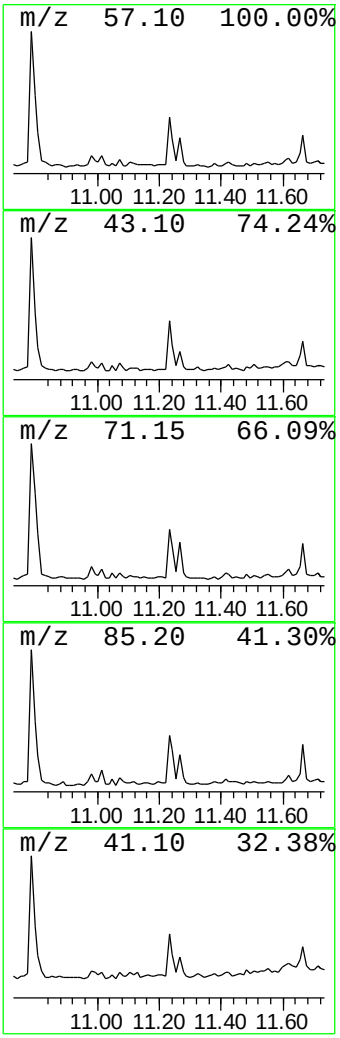
Peak Number 13 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	7.68 ng	560787	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Hexadecane	226	C16H34	000544-76-3	80
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Heptadecane	240	C17H36	000629-78-7	72





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ClientSampleId : WPG-B10(0-5)-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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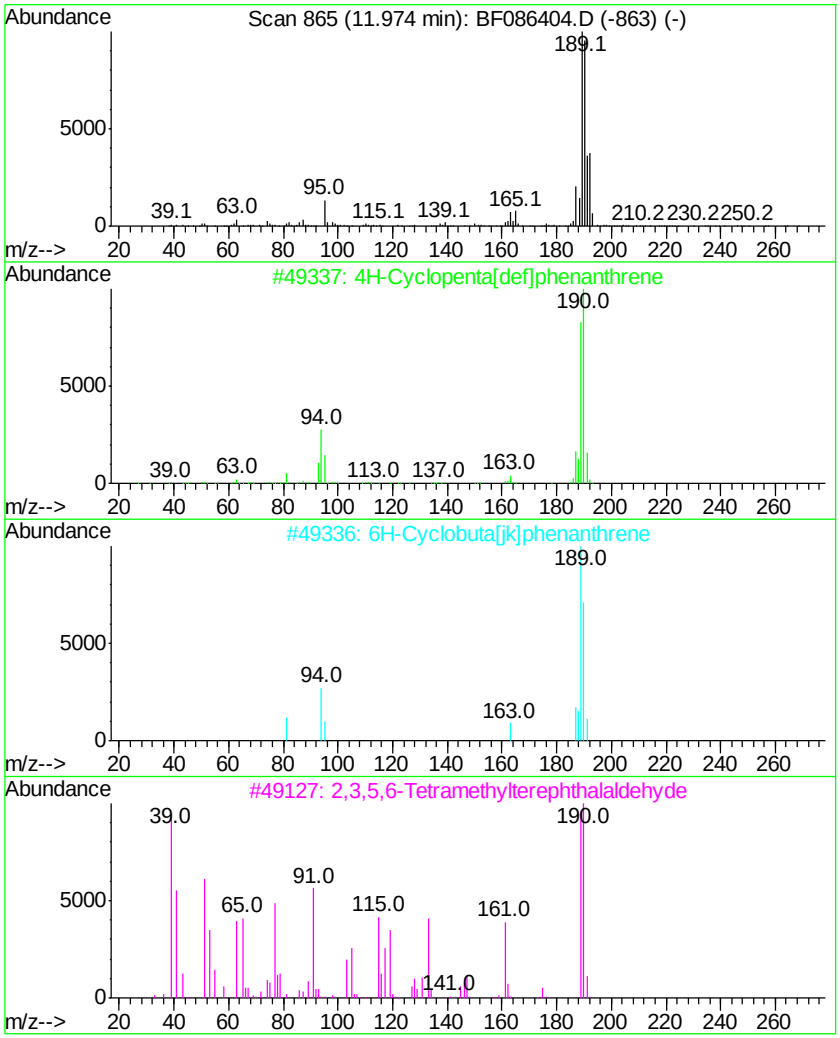
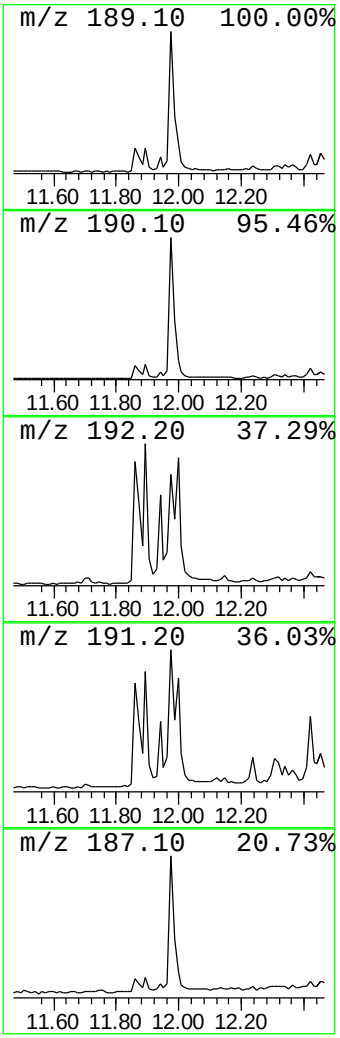
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	11.97 ng	874323	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	16
4	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	14
5	4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	10





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Sample : H2652-01
Misc :
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Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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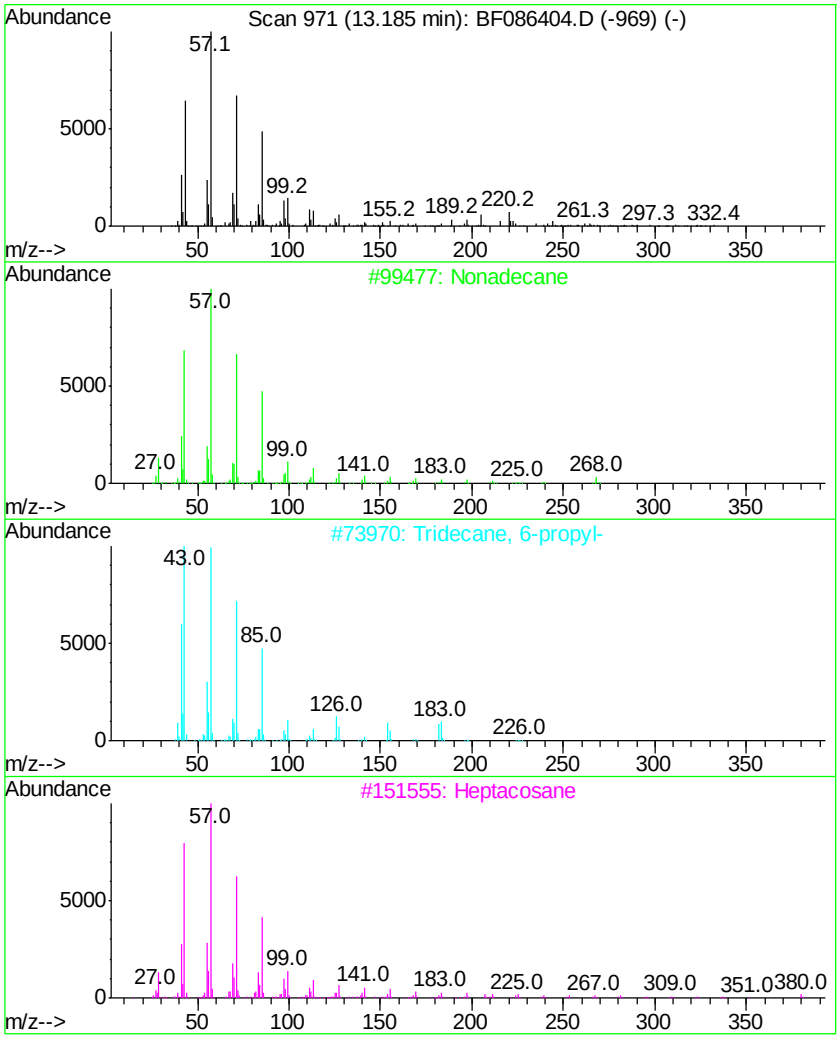
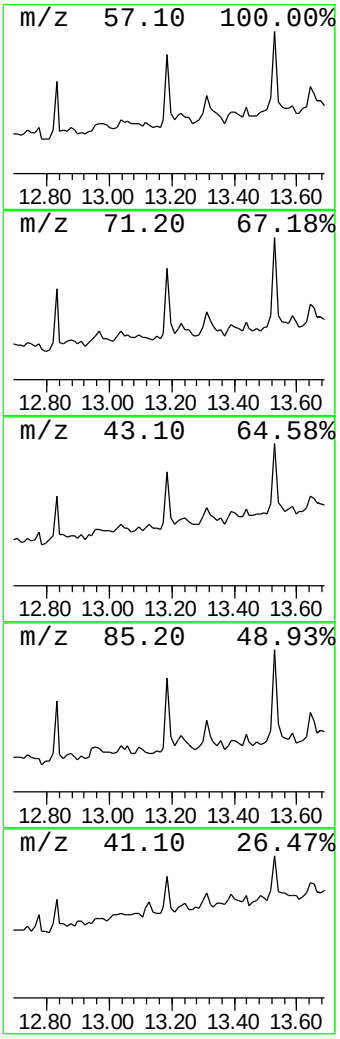
Peak Number 15 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	6.55 ng	573990	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
3	Heptacosane	380	C27H56	000593-49-7	80
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5	Tetratetracontane	619	C44H90	007098-22-8	80





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Sample : H2652-01
Misc :
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ClientSampleId : WPG-B10(0-5)-C

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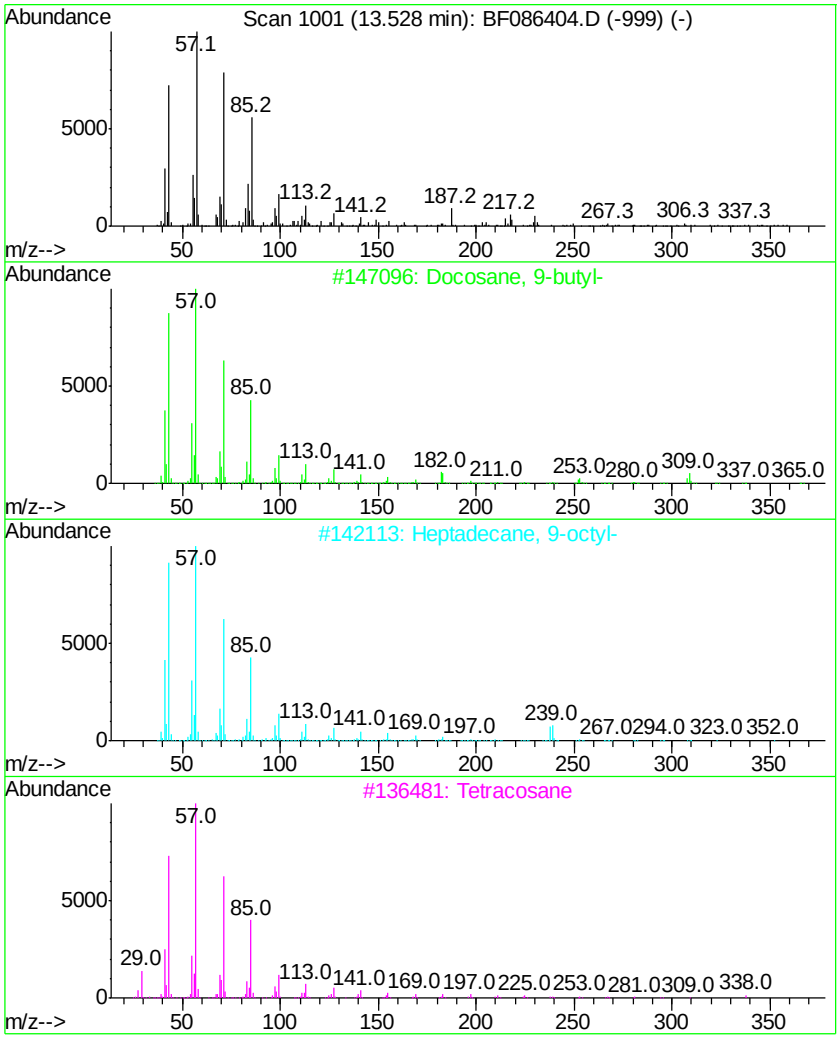
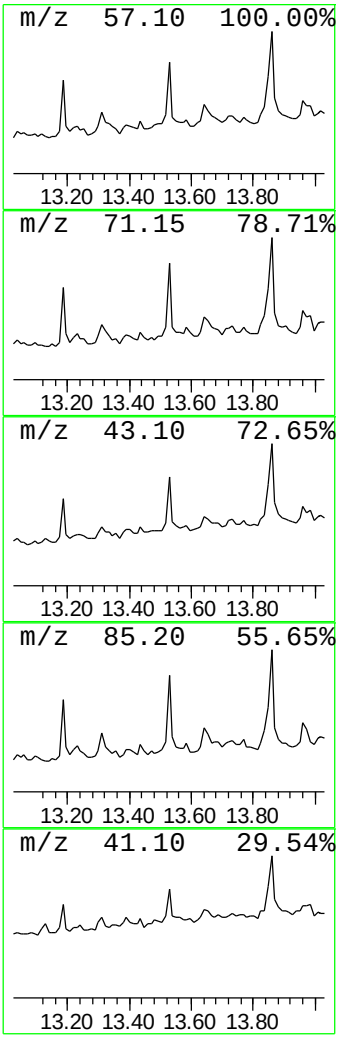
Peak Number 16 Docosane, 9-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	5.30 ng	464061	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	86
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
3	Tetracosane	338	C24H50	000646-31-1	83
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
5	Nonadecane	268	C19H40	000629-92-5	72





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Misc :
ALS Vial : 48 Sample Multiplier: 1

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ClientSampleId : WPG-B10(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
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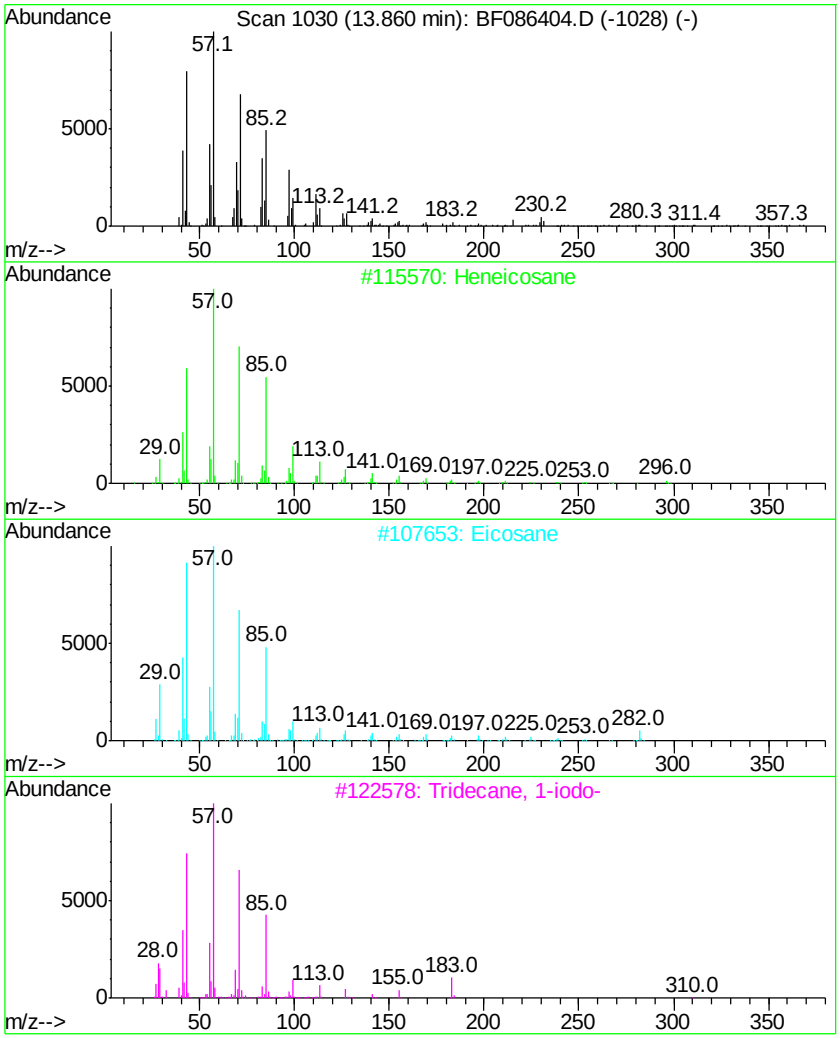
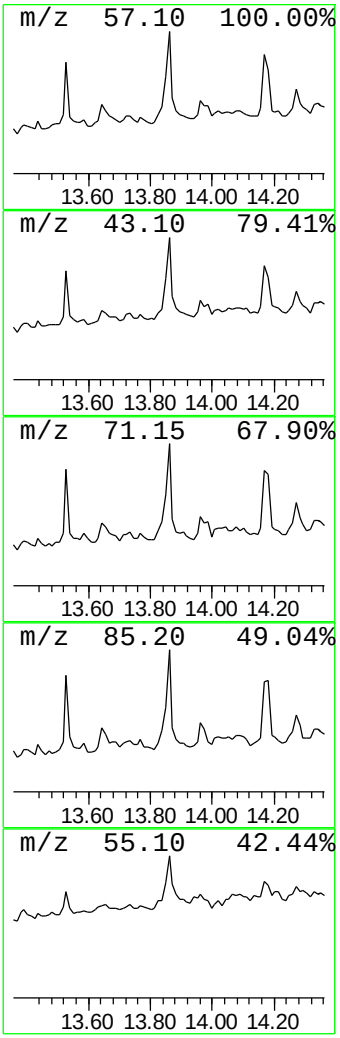
Peak Number 17 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	8.26 ng	723171	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	76
2	Eicosane	282	C20H42	000112-95-8	70
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	70
4	Pentadecane	212	C15H32	000629-62-9	70
5	Octadecane	254	C18H38	000593-45-3	64





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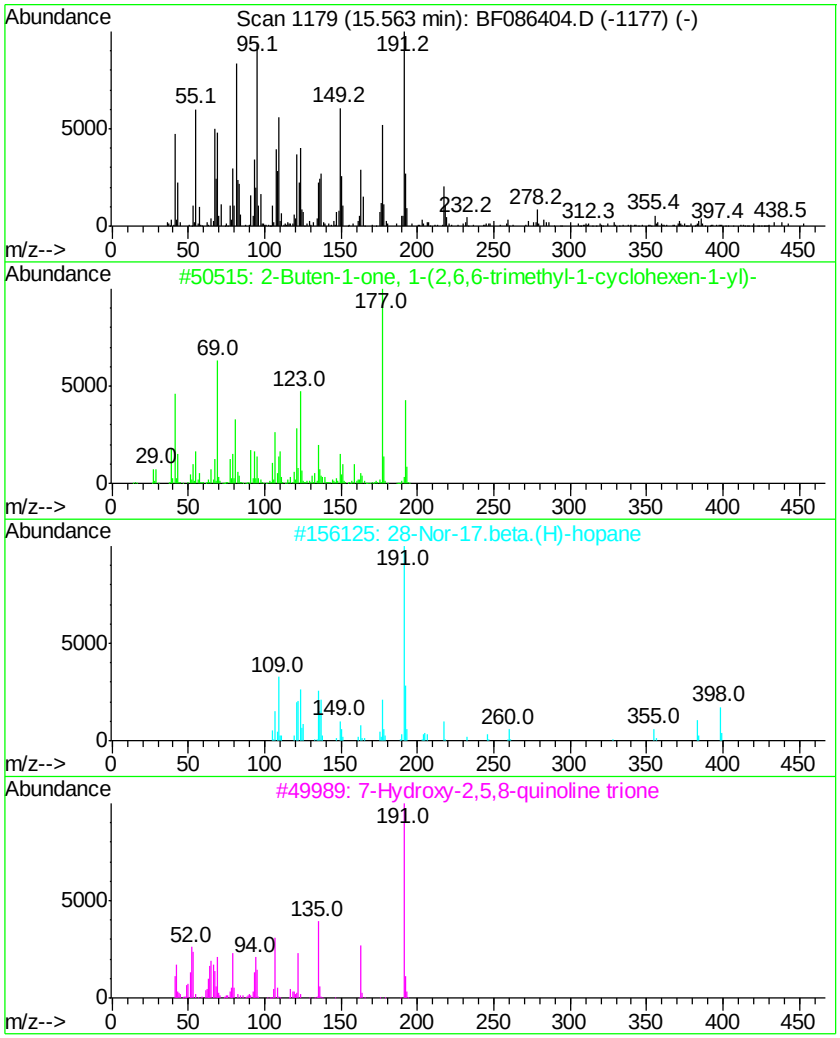
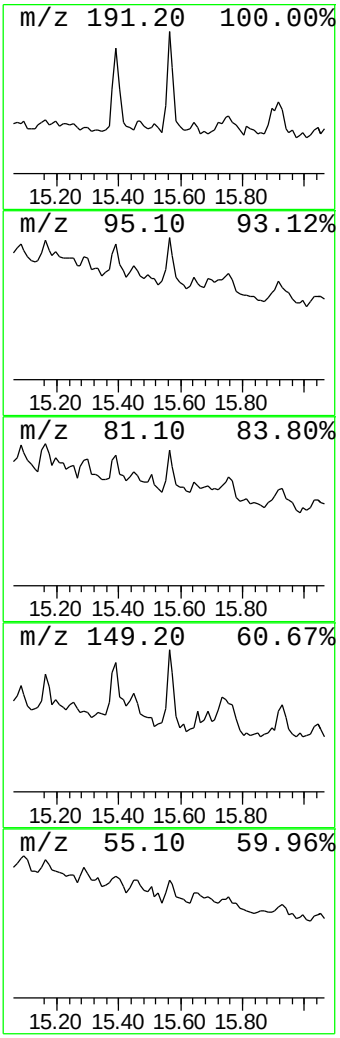
Peak Number 18 unknown15.56 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	20.00 ng	540653	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	035044-68-9	22
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	22
3	7-Hydroxy-2,5,8-quinoline trione	191	C9H5NO4	015544-54-4	18
4	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	18
5	Methyl 2-methyl-2-methoxy-3-hydr...	250	C13H14O5	1000215-38-8	15





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Misc :
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Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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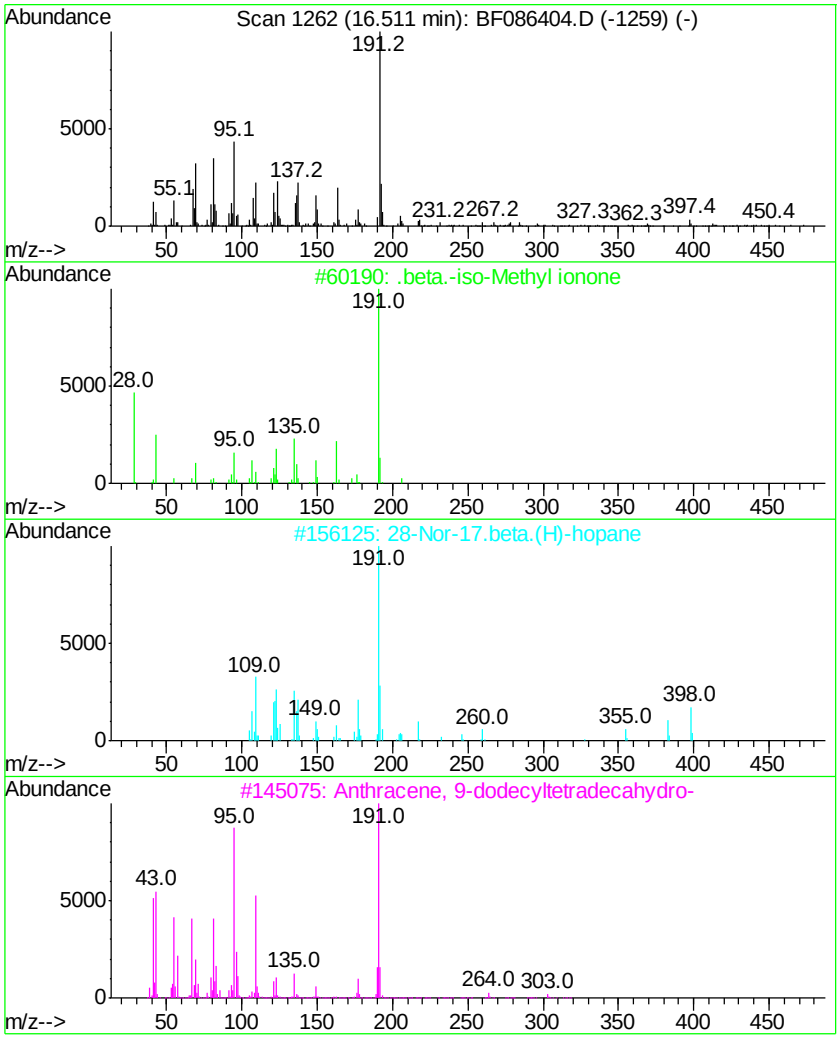
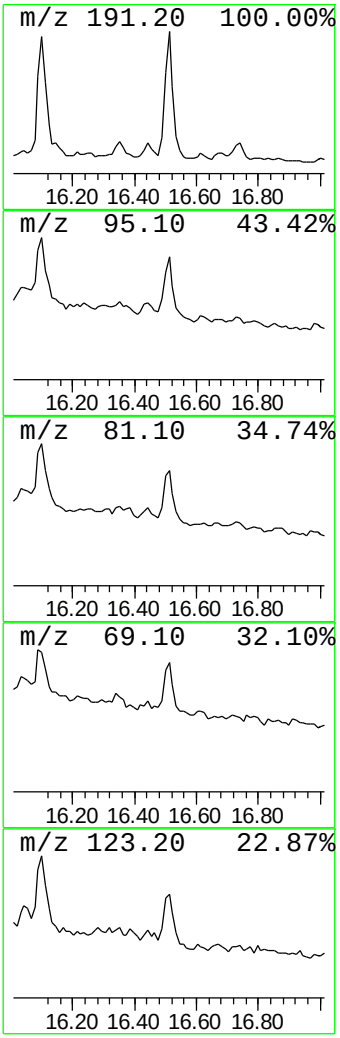
Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	32.44 ng	877010	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	45
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086404.D
Acq On : 23 Apr 2016 21:50
Operator : UM/SJ
Sample : H2652-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B10(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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
unknown6.61	6.61	55.7	ng	3539240	1	6.84	1271790	20.0
Decane	6.68	5.0	ng	317304	1	6.84	1271790	20.0
Heptylcyclohexane	9.04	6.5	ng	440754	3	9.88	1355630	20.0
Tetradecane	9.29	16.1	ng	1090190	3	9.88	1355630	20.0
Naphthalene, 1,4-...	9.54	5.6	ng	379276	3	9.88	1355630	20.0
Tridecane, 7-propyl-	9.81	16.1	ng	1089900	3	9.88	1355630	20.0
Cyclohexane, octyl-	10.14	5.3	ng	358949	3	9.88	1355630	20.0
Hexadecane	10.32	15.1	ng	1020350	3	9.88	1355630	20.0
Heptacosane	10.53	7.7	ng	524230	3	9.88	1355630	20.0
Tridecane	10.79	15.8	ng	1154080	4	11.37	1460490	20.0
Eicosane	11.23	7.7	ng	560787	4	11.37	1460490	20.0
4H-Cyclopenta[def...	11.97	12.0	ng	874323	4	11.37	1460490	20.0
Nonadecane	13.19	6.5	ng	573990	5	14.01	1751730	20.0
Docosane, 9-butyl-	13.53	5.3	ng	464061	5	14.01	1751730	20.0
Heneicosane	13.86	8.3	ng	723171	5	14.01	1751730	20.0
unknown15.56	15.56	20.0	ng	540653	6	15.43	540653	20.0
.beta.-iso-Methyl...	16.51	32.4	ng	877010	6	15.43	540653	20.0