LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091160.D
Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.744	3	5	61	rVB	2953586	7963168	100.00%	3.684%
2	4.784	269	271	280	rVB	820984	1285408	16.14%	0.595%
3	4.978	286	288	292	rBV	79491	138603	1.74%	0.064%
4	5.184	305	306	308	rVB	82339	93905	1.18%	0.043%
5	5.230	308	310	313	rBV	2564923	3600407	45.21%	1.666%
6	5.367	320	322	324	rBV	93971	115605	1.45%	0.053%
7	5.413	324	326	328	rVB	118852	107499	1.35%	0.050%
8	5.459	328	330	334	rVB3	78884	146026	1.83%	0.068%
9	5.527	334	336	339	rBV	284681	302869	3.80%	0.140%
10	5.630	341	345	347	rVB2	227290	289306	3.63%	0.134%
11	5.699	347	351	355	rBV3	100821	312494	3.92%	0.145%
12	5.767	355	357	360	rVB	253495	392682	4.93%	0.182%
13	5.836	360	363	365	rBV2	171165	320108	4.02%	0.148%
14	5.881	365	367	370	rVB2	642553	1013798	12.73%	0.469%
15	5.939	370	372	373	rBV	393130	518077	6.51%	0.240%
16	6.076	380	384	387	rBV	442116	833075	10.46%	0.385%
17	6.144	387	390	392	rBV3	584615	1360240	17.08%	0.629%
18	6.236	396	398	400	rBV2	843534	930020	11.68%	0.430%
19	6.304	400	404	406	rBV	3662194	4513919	56.68%	2.088%
20	6.384	408	411	412	rBV	618477	1128788	14.18%	0.522%
21	6.419	412	414	416	rVB	3462051	3852959	48.38%	1.783%
22	6.487	418	420	422	rVB2	2266789	2278474	28.61%	1.054%
23	6.533	422	424	426	rBV2	118163	146326	1.84%	0.068%
24	6.590	426	429	430	rBV2	399932	816122	10.25%	0.378%
25	6.647	431	434	435	rBV2	1065593	1452859	18.24%	0.672%
26	6.670	435	436	438	rVB2	2481283	2020473	25.37%	0.935%
27	6.704	438	439	441	rBV2	782147	992064	12.46%	0.459%
28	6.750	441	443	444	rBV2	203399	205793	2.58%	0.095%
29	6.796	444	447	449	rBV3	2877839	4451823	55.91%	2.060%
30	6.933	452	459	461	rBV4	1493634	5139591	64.54%	2.378%
31	6.967	461	462	464	rBV2	1432587	1948381	24.47%	0.901%
32	7.002	464	465	467	rVB	1746187	1615492	20.29%	0.747%
33	7.047	467	469	474	rBV2	2247237	3837995	48.20%	1.776%
34	7.196	478	482	483	rBV3	1753683	3584760	45.02%	1.659%

LSC Area Percent Report

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Data File : BF091160.D
Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.219	483	484	485	rVV	2052839	1708151	21.45%	0.790%
36	7.264	485	488	490	rVV	3019215	4768511	59.88%	2.206%
37	7.310	490	492	494	rVB	1576054	1834684	23.04%	0.849%
38	7.344	494	495	496	rBV	767551	804062	10.10%	0.372%
39	7.379	496	498	499	rVB	2097222	2118316	26.60%	0.980%
40	7.413	499	501	503	rBV2	689252	994504	12.49%	0.460%
41	7.459	503	505	507	rVB2	3692050	4543227	57.05%	2.102%
42	7.504	507	509	511	rVB2	875307	967508	12.15%	0.448%
43	7.573	511	515	516	rBV2	3185677	5818599	73.07%	2.692%
44	7.596	516	517	519	rVV	979492	1643656	20.64%	0.760%
45	7.642	519	521	522	rVV	1445755	2024039	25.42%	0.936%
46	7.676	522	524	525	rVV2	2466744	2796421	35.12%	1.294%
47	7.710	525	527	529	rVB2	2533855	2994894	37.61%	1.386%
48	7.756	529	531	534	rVB3	2636552	4920305	61.79%	2.276%
49	7.847	534	539	541	rBV3	1450218	3729133	46.83%	1.725%
50	7.904	541	544	545	rBV2	2260845	4047334	50.83%	1.873%
51	7.939	545	547	549	rVV2	3810973	7312979	91.84%	3.383%
52	7.996	549	552	553	rVV3	2134421	4334670	54.43%	2.005%
53	8.019	553	554	558	rVV2	2311892	4825124	60.59%	2.232%
54	8.145	560	565	567	rBV4	2192563	7083907	88.96%	3.277%
55	8.190	567	569	570	rVV	1534493	1616008	20.29%	0.748%
56	8.247	570	574	578	rVV6	2180445	7877017	98.92%	3.644%
57	8.305	578	579	580	rVV	2054307	1851267	23.25%	0.857%
58	8.339	580	582	584	rVV3	2368108	3250256	40.82%	1.504%
59	8.385	584	586	588	rVV2	2858286	4793955	60.20%	2.218%
60	8.453	590	592	594	rVV2	2160769	3176366	39.89%	1.470%
61	8.487	594	595	598	rVV3	1319110	2567486	32.24%	1.188%
62	8.556	598	601	603	rVV3	2533147	5769523	72.45%	2.669%
63	8.647	607	609	611	rVB3	1814408	2567771	32.25%	1.188%
64	8.773	618	620	622	rVB2	1371025	1282846	16.11%	0.594%
65	8.979	635	638	640	rBV4	1797270	4341889	54.52%	2.009%
66	9.025	640	642	644	rVV2	1733357	1946584	24.44%	0.901%
67	9.116	647	650	653	rBV3	1636694	3523752	44.25%	1.630%
68	9.276	662	664	668	rBV5	783005	2182174	27.40%	1.010%
69	9.493	681	683	684	rVB2	1129285	1174357	14.75%	0.543%
70	9.688	698	700	703	rBV5	812971	1440150	18.09%	0.666%
71	9.882	714	717	718	rBV2	1103374	2182313	27.41%	1.010%

LSC Area Percent Report

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Data File : BF091160.D
Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
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Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.145	738	740	742	rVB2	1600290	2163057	27.16%	1.001%
73	10.362	757	759	762	rVB	1175110	1729887	21.72%	0.800%
74	10.442	765	766	768	rBV	952538	1428242	17.94%	0.661%
75	10.613	779	781	785	rVB3	1572948	2477006	31.11%	1.146%
76	11.059	818	820	822	rVV	1417160	1634086	20.52%	0.756%
77	11.093	822	823	826	rVB	1619616	1721121	21.61%	0.796%
78	11.482	855	857	859	rVB	1648461	2133455	26.79%	0.987%
79	11.642	869	871	873	rBV2	759679	1207191	15.16%	0.559%
80	11.893	891	893	896	rVB	2197473	3179111	39.92%	1.471%
81	12.225	920	922	923	rVV2	846162	860201	10.80%	0.398%
82	12.271	924	926	928	rVB	2736433	2780641	34.92%	1.286%
83	12.602	954	955	956	rBV	442008	434118	5.45%	0.201%
84	12.636	956	958	964	rVV	2974289	3573448	44.87%	1.653%
85	12.751	966	968	975	rVB	3012847	3566732	44.79%	1.650%
86	12.991	987	989	991	rVV	2306143	2203572	27.67%	1.020%
87	13.025	991	992	997	rVB5	379085	754514	9.48%	0.349%
88	13.116	997	1000	1002	rBV3	244600	385379	4.84%	0.178%
89	13.322	1016	1018	1021	rBV	1104679	1409808	17.70%	0.652%
90	13.654	1044	1047	1052	rVB	947029	1229373	15.44%	0.569%
91	13.791	1057	1059	1063	rVB	924877	1042726	13.09%	0.482%
92	13.962	1072	1074	1081	rVB	312488	515977	6.48%	0.239%
93	14.271	1099	1101	1103	rBV	167394	158176	1.99%	0.073%
94	14.625	1130	1132	1134	rBV	77088	82330	1.03%	0.038%
95	15.151	1176	1178	1181	rBV	614453	948610	11.91%	0.439%

Sum of corrected areas: 216141608

LSC Report - Integrated Chromatogram

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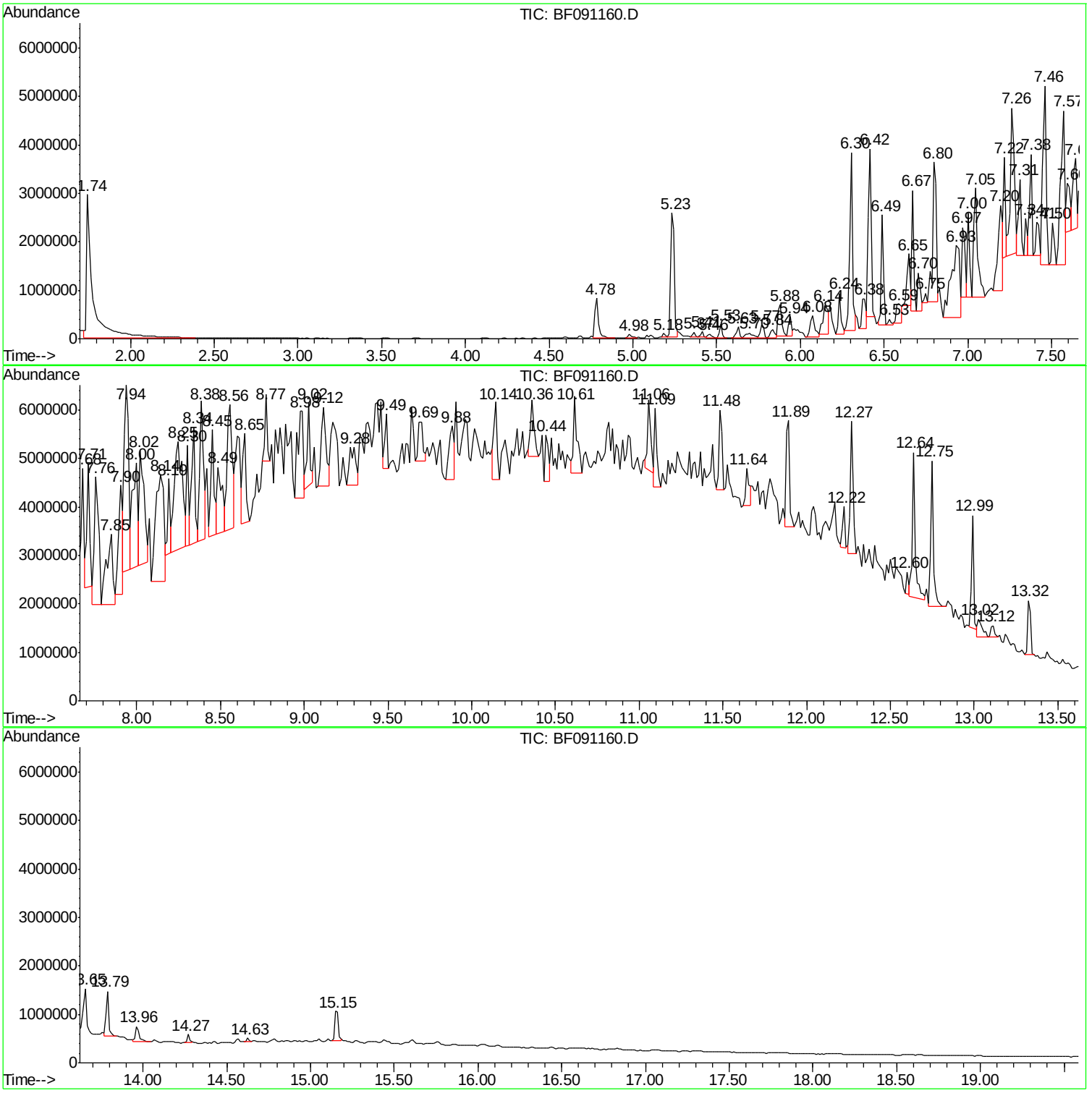
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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\BF111116\
Data File : BF091160.D
Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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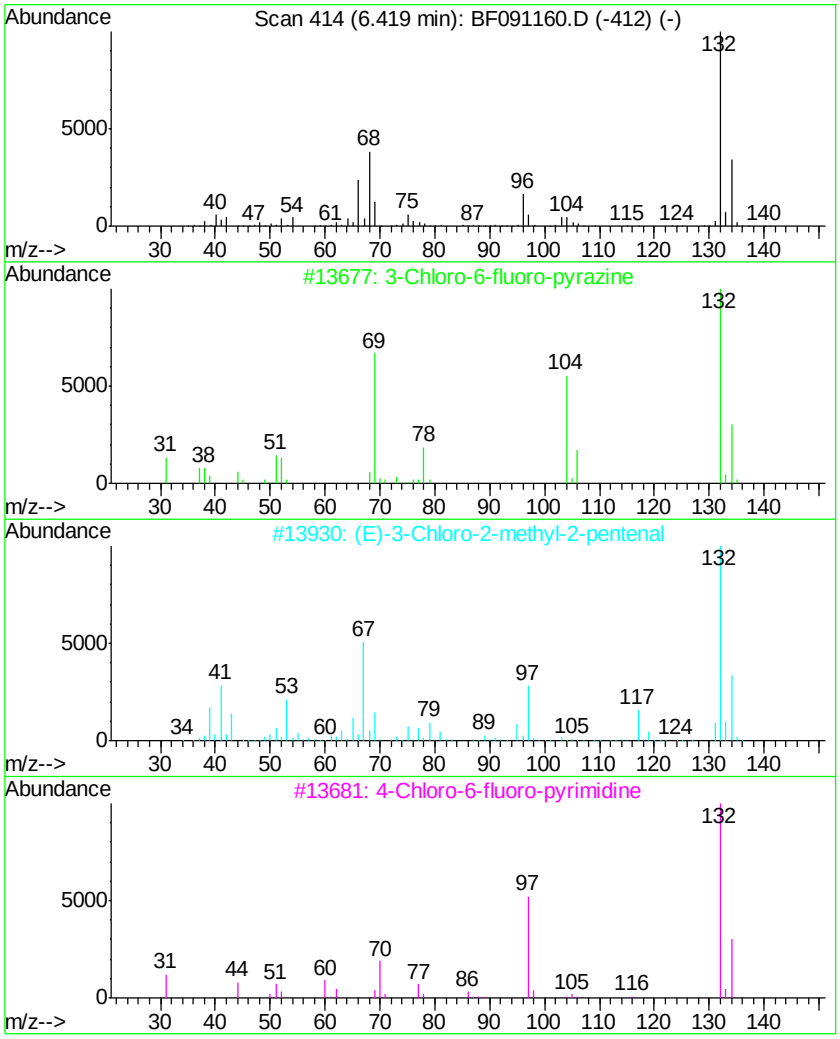
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

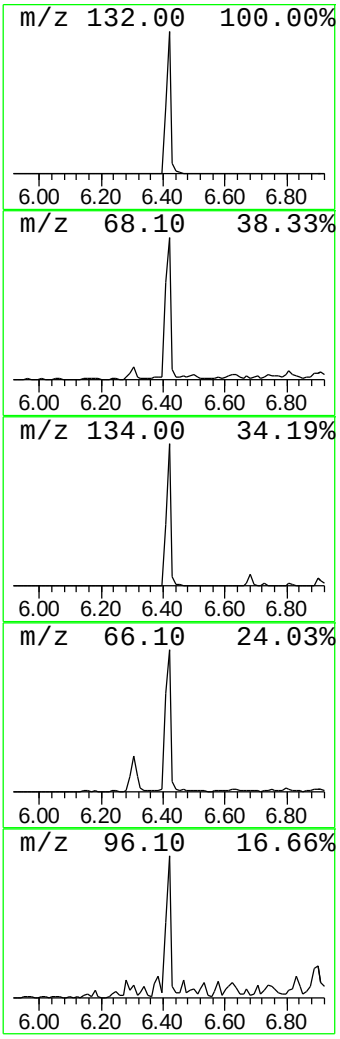
****

Peak Number 2 unknown6.42 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	53.04 ng	3852960	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091160.D
Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

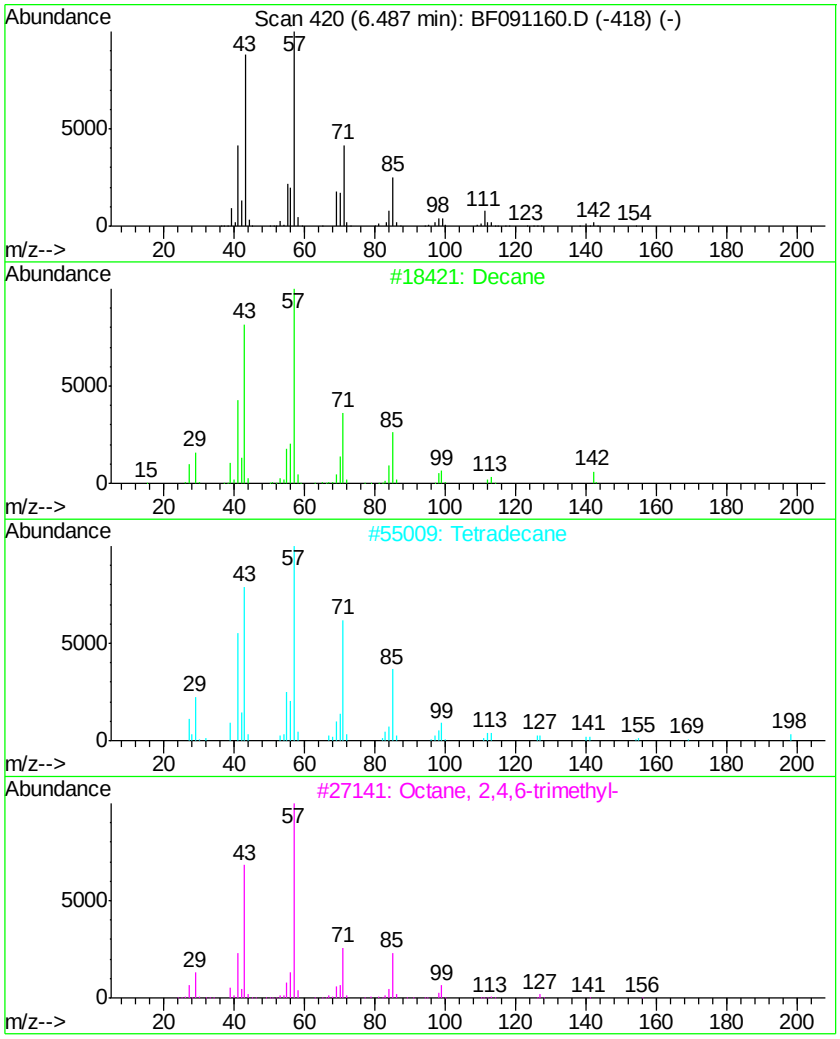
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

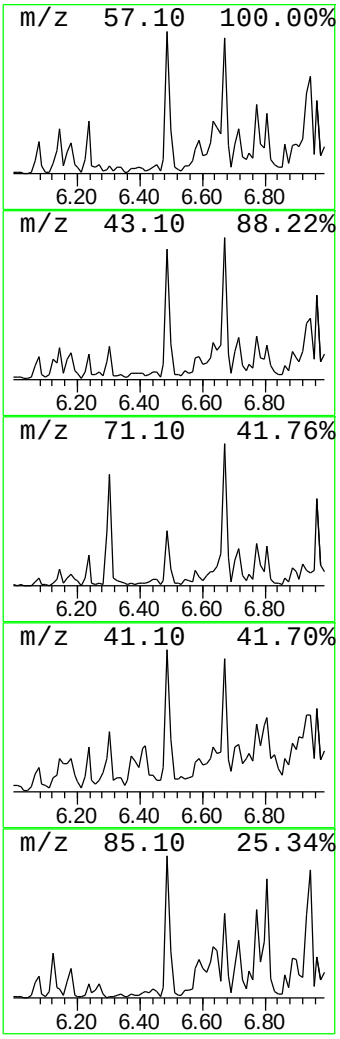
****

Peak Number 3 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	31.37 ng	2278470	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Tetradecane	198	C14H30	000629-59-4	78
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
4	Nonane	128	C9H20	000111-84-2	64
5	Tridecane	184	C13H28	000629-50-5	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
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Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

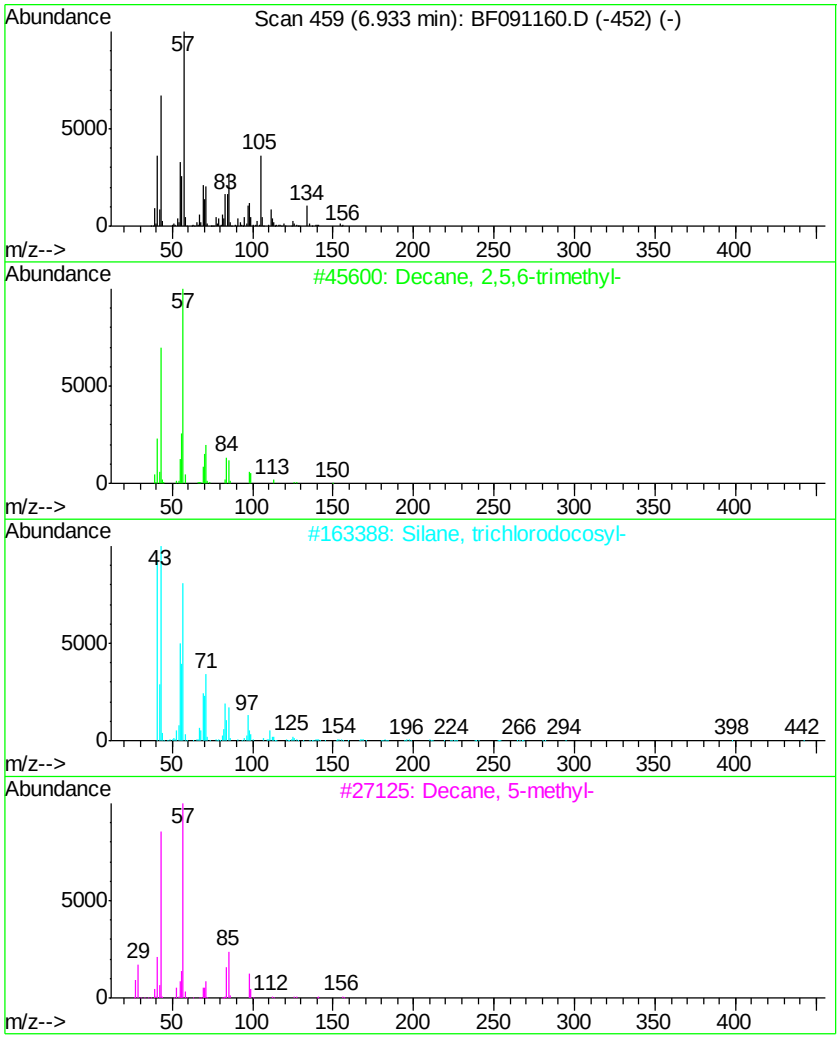
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

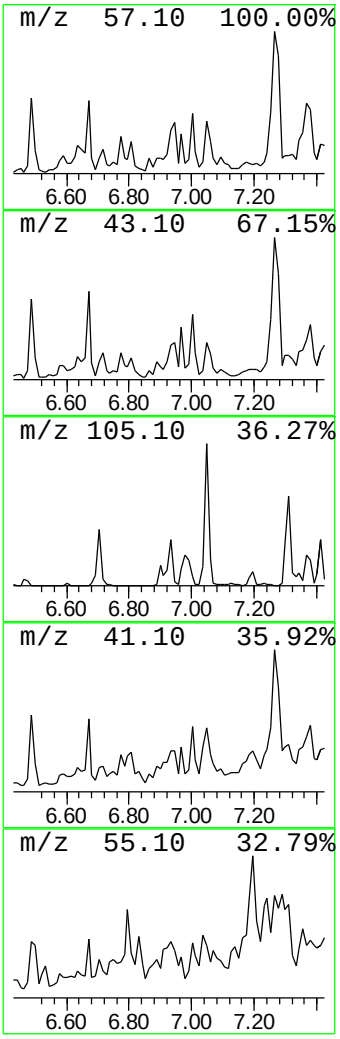
****

Peak Number 5 unknown6.93 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	70.75 ng	5139590	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	46
2	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	43
3	Decane, 5-methyl-	156	C11H24	013151-35-4	38
4	2-Methyl-1-undecanol	186	C12H26O	010522-26-6	38
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091160.D
Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

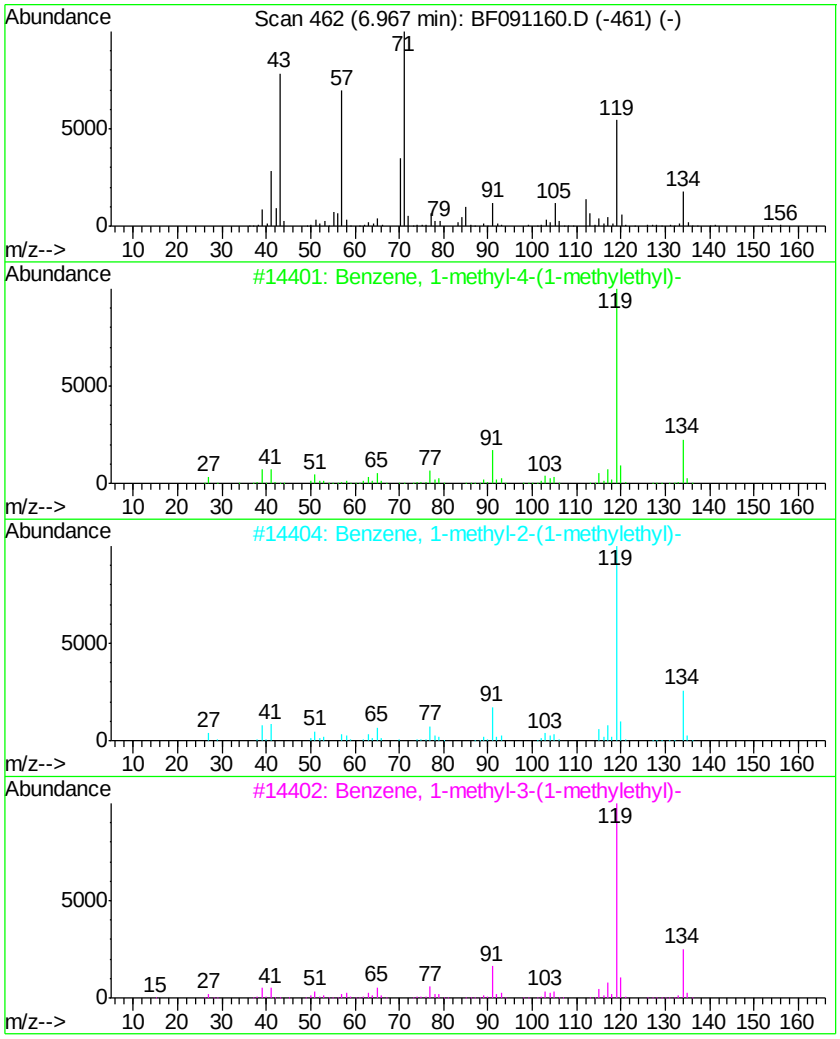
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

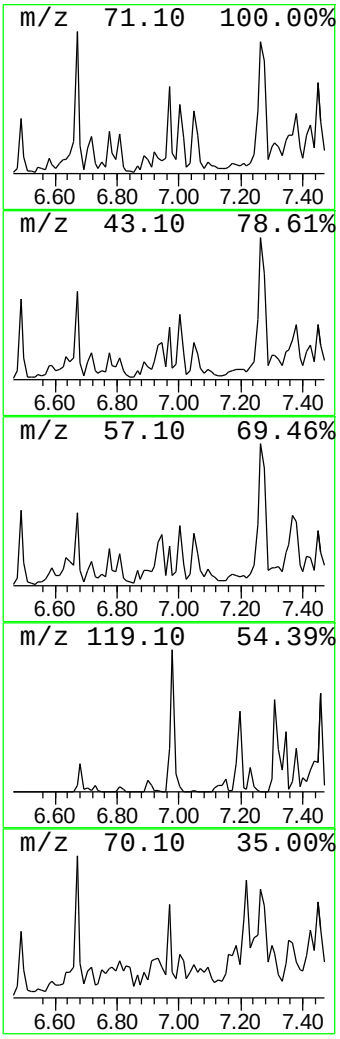
****

Peak Number 6 Benzene, 1-methyl-4-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	26.82 ng	1948380	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	68
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	68
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091160.D
Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

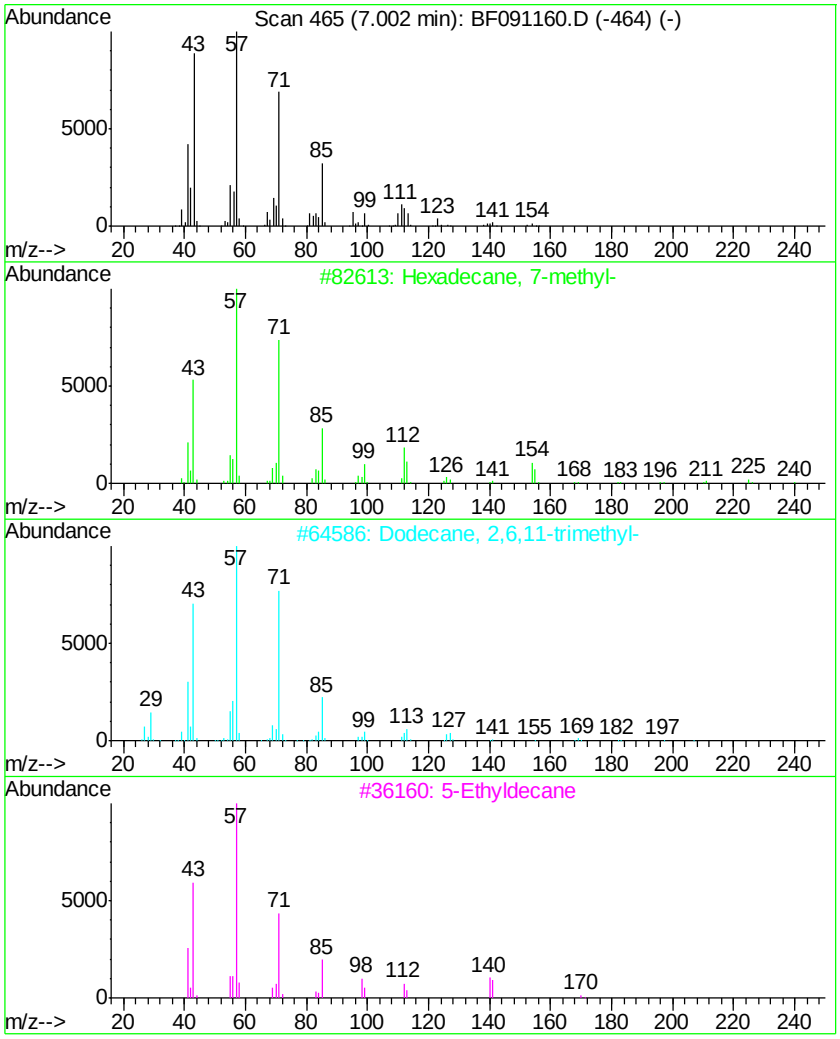
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

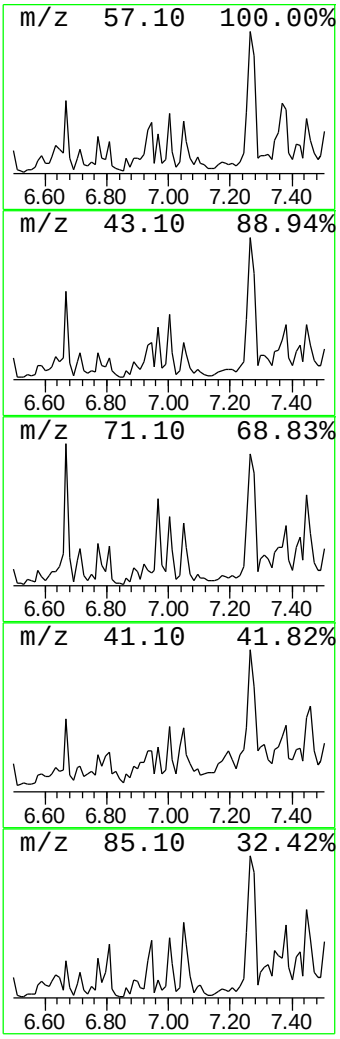
****

Peak Number 7 Hexadecane, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	22.24 ng	1615490	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	53
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
3	5-Ethyldecane	170	C12H26	017302-36-2	53
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	50
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091160.D
Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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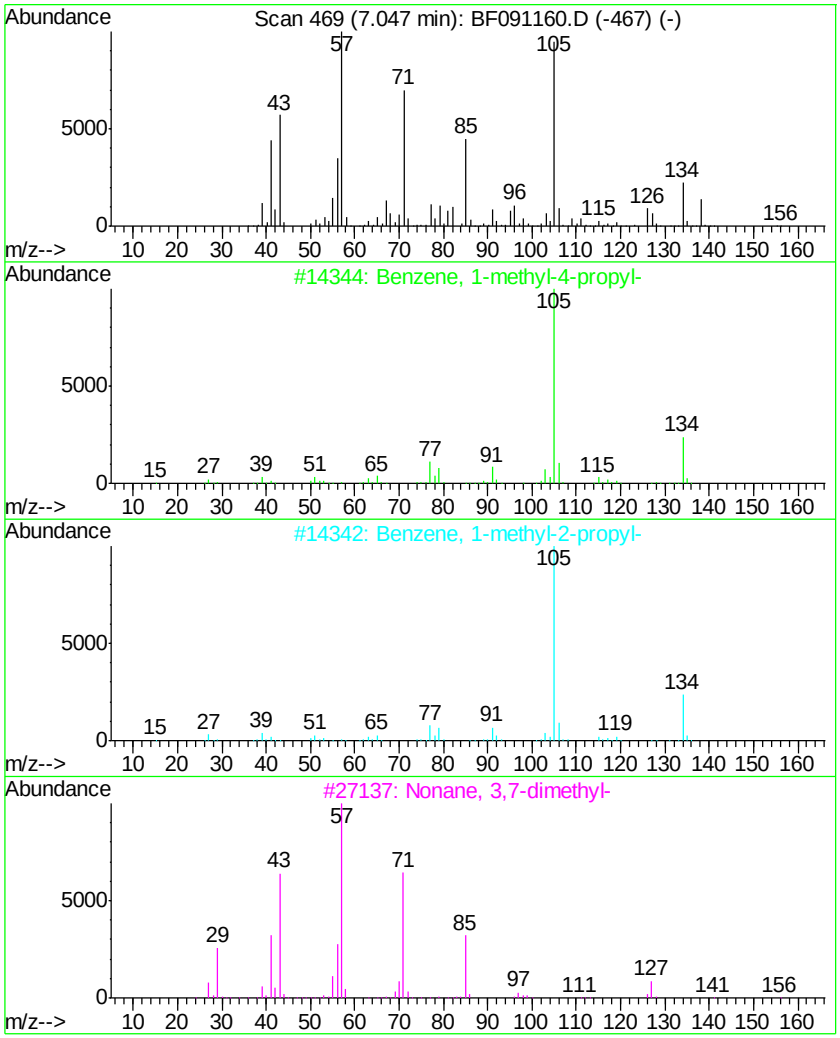
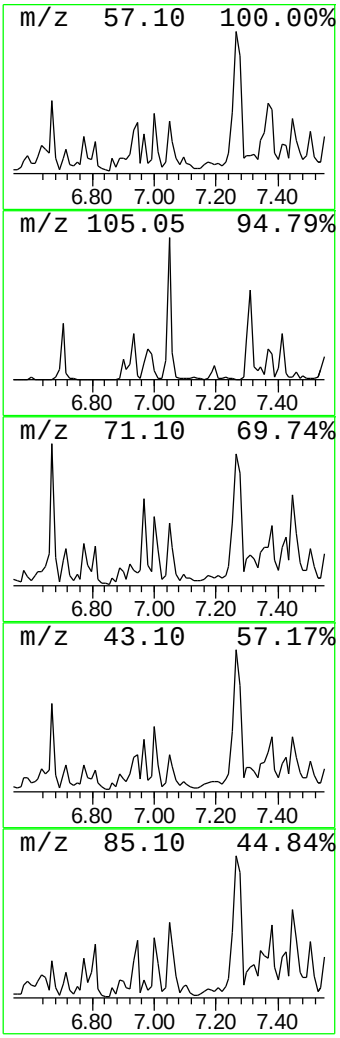
Peak Number 8 Benzene, 1-methyl-4-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	52.83 ng	3838000	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	56
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	35
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	30





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Data File : BF091160.D
Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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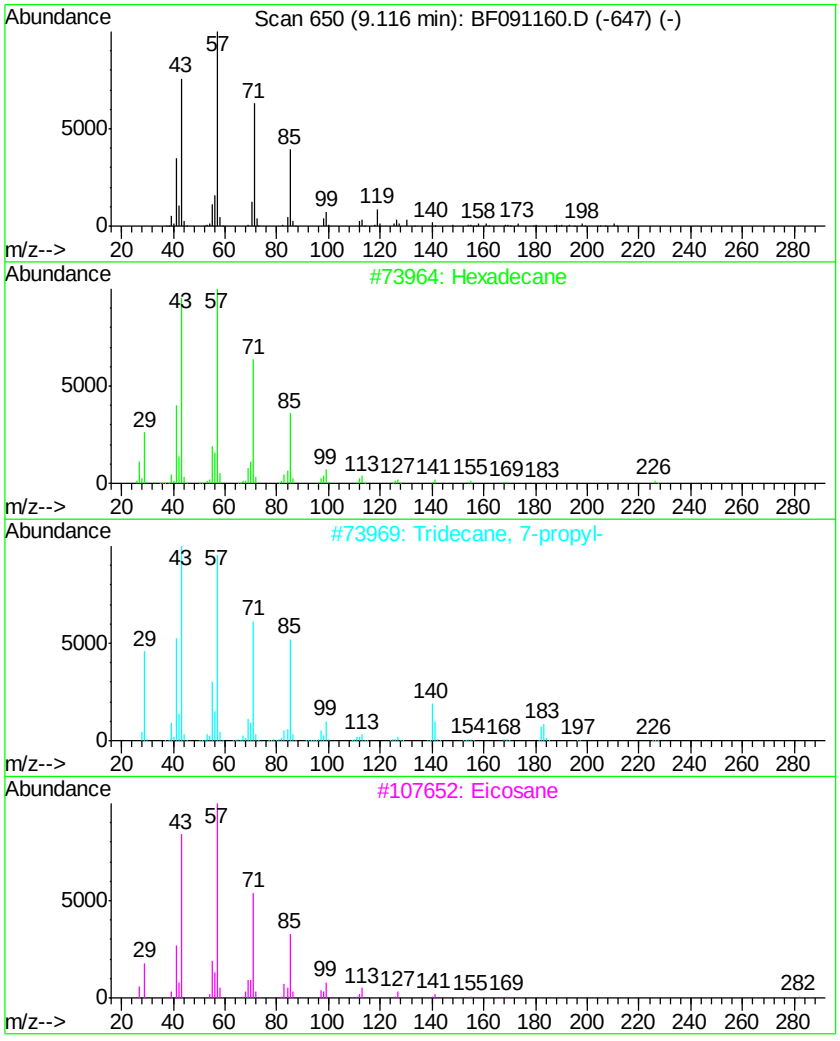
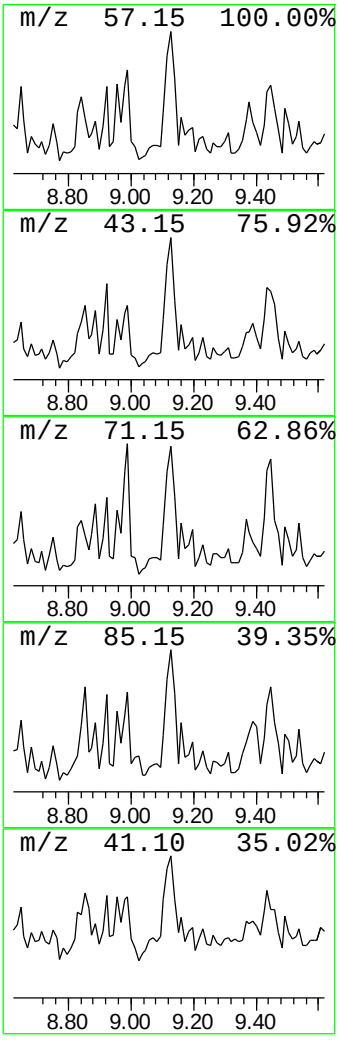
Peak Number 9 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	48.94 ng	3523750	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
3	Eicosane	282	C20H42	000112-95-8	80
4	Tetradecane	198	C14H30	000629-59-4	74
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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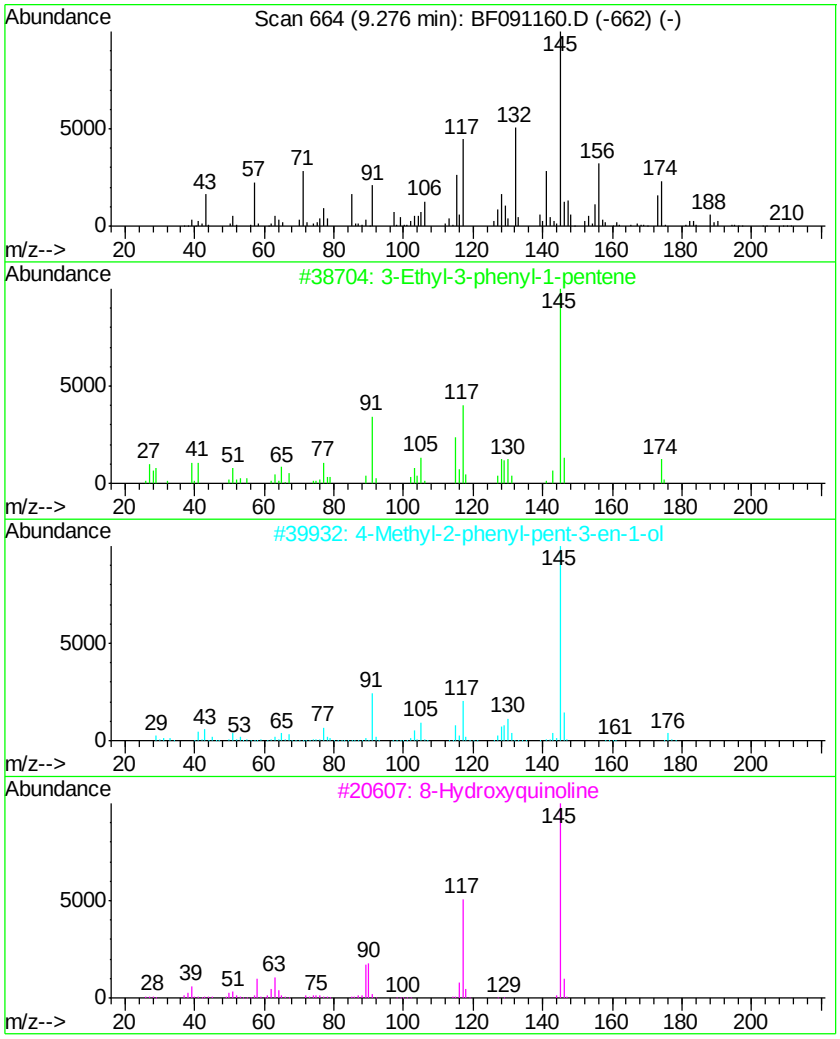
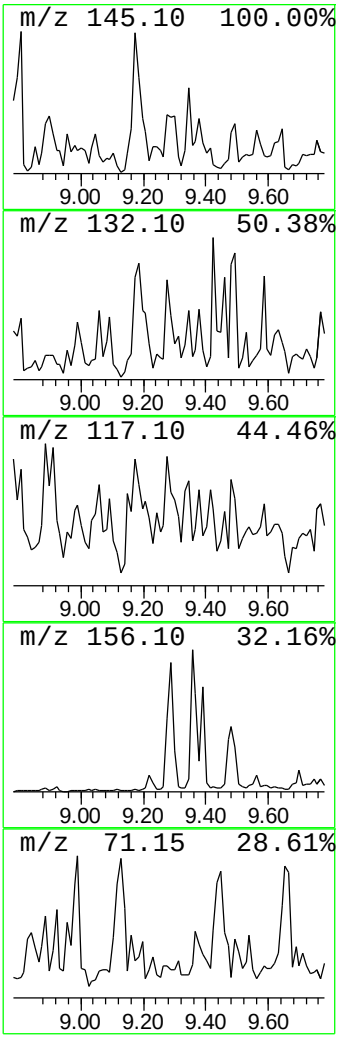
Peak Number 10 unknown9.28 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	30.30 ng	2182170	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	43
2	4-Methyl-2-phenyl-pent-3-en-1-ol	176	C12H16O	1000186-49-3	35
3	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	35
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	35
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	27





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Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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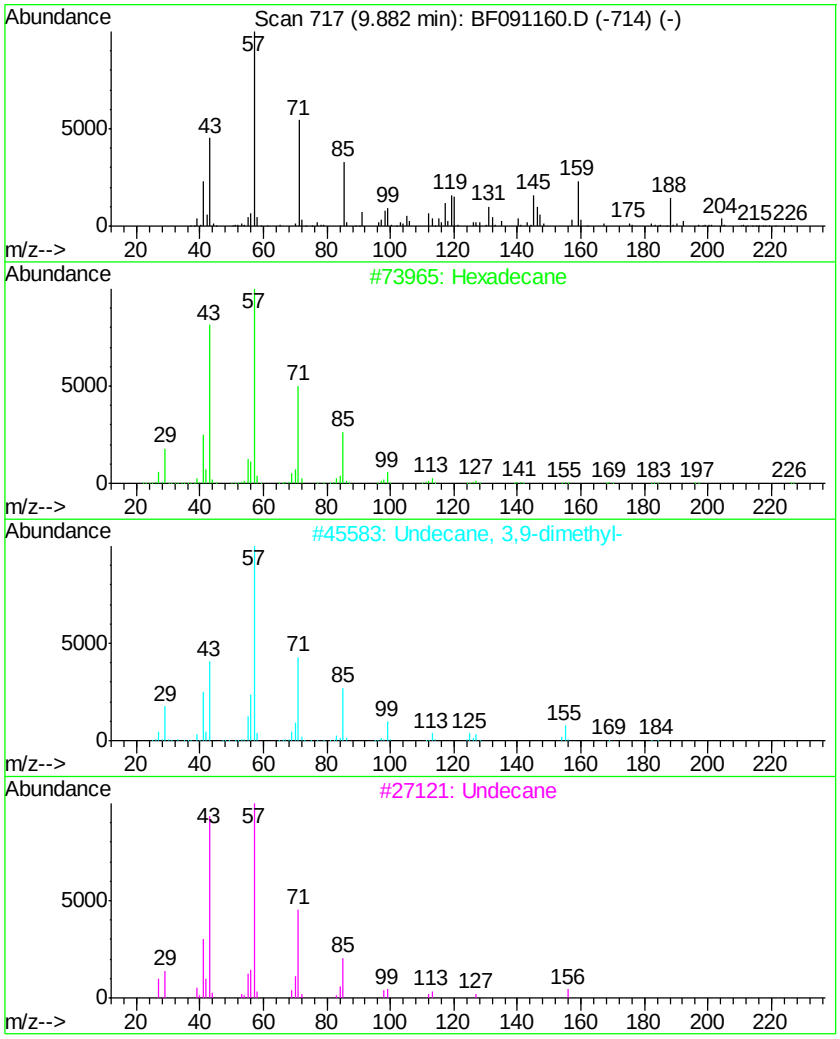
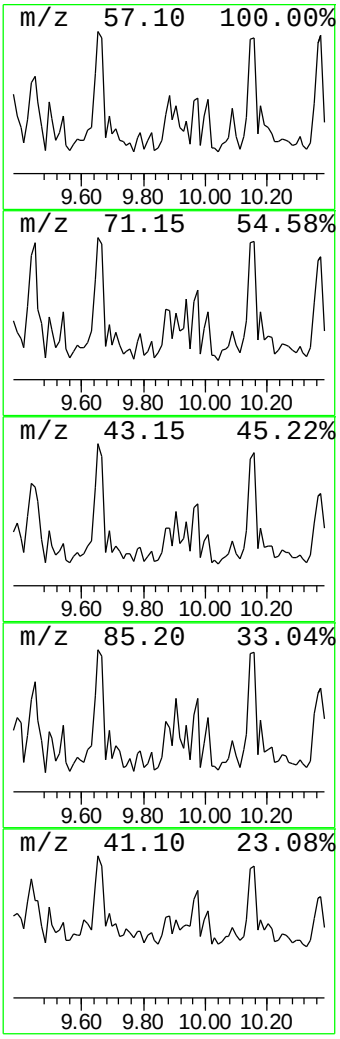
Peak Number 11 unknown9.88 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	30.31 ng	2182310	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	30
2	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	27
3	Undecane	156	C11H24	001120-21-4	27
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	27
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	27





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Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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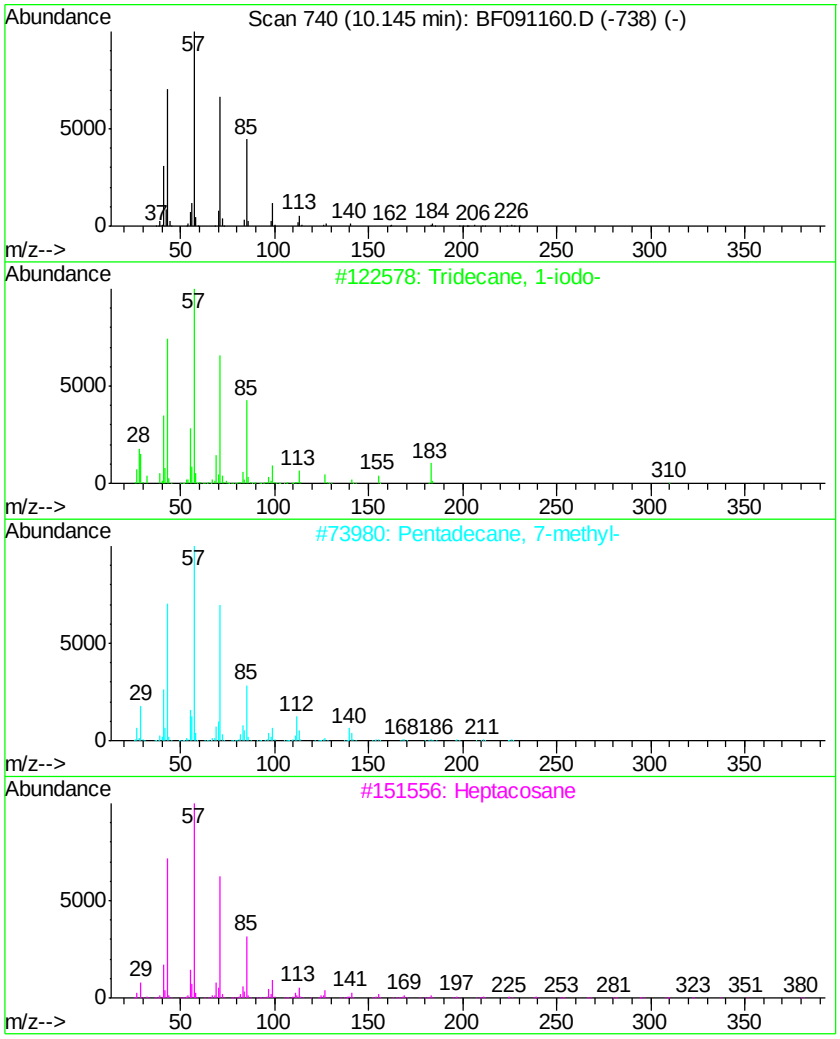
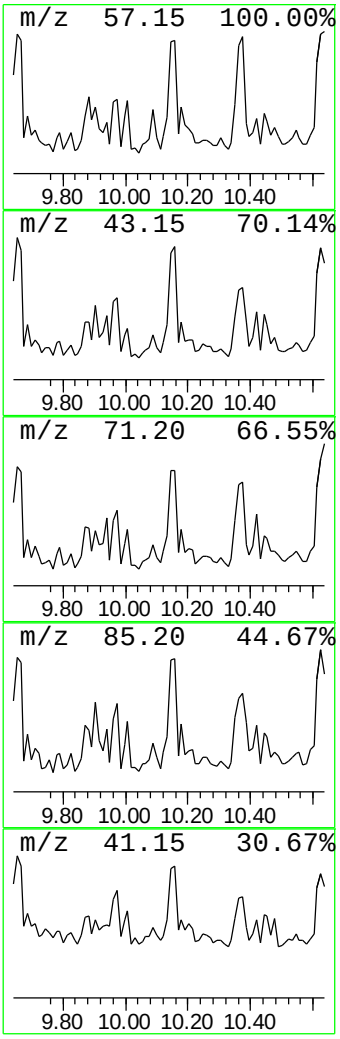
Peak Number 12 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	30.04 ng	2163060	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
5	Decane	142	C10H22	000124-18-5	64





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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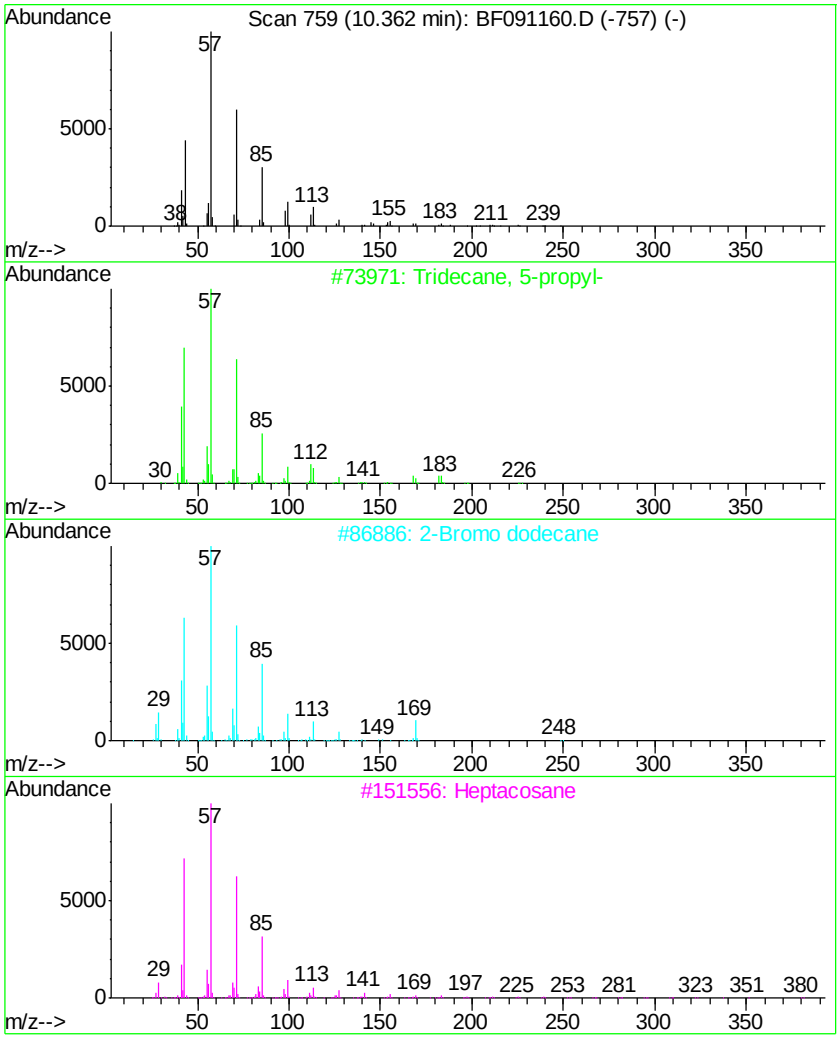
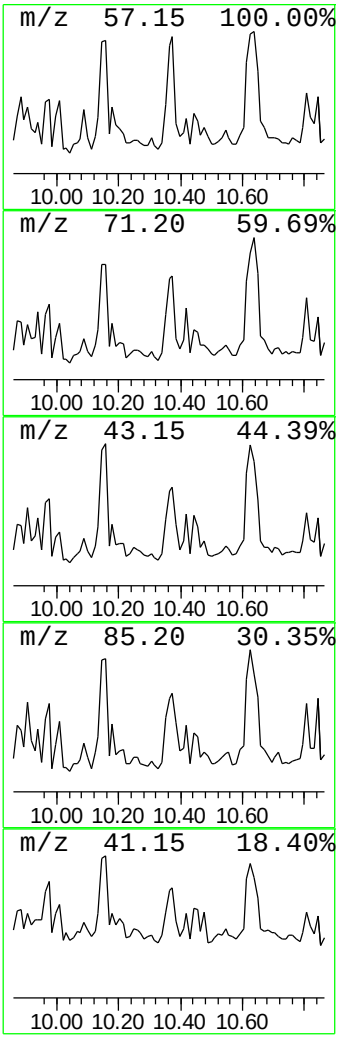
Peak Number 13 Tridecane, 5-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	24.02 ng	1729890	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3	Heptacosane	380	C27H56	000593-49-7	80
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	74
5	Decane, 5-propyl-	184	C13H28	017312-62-8	68





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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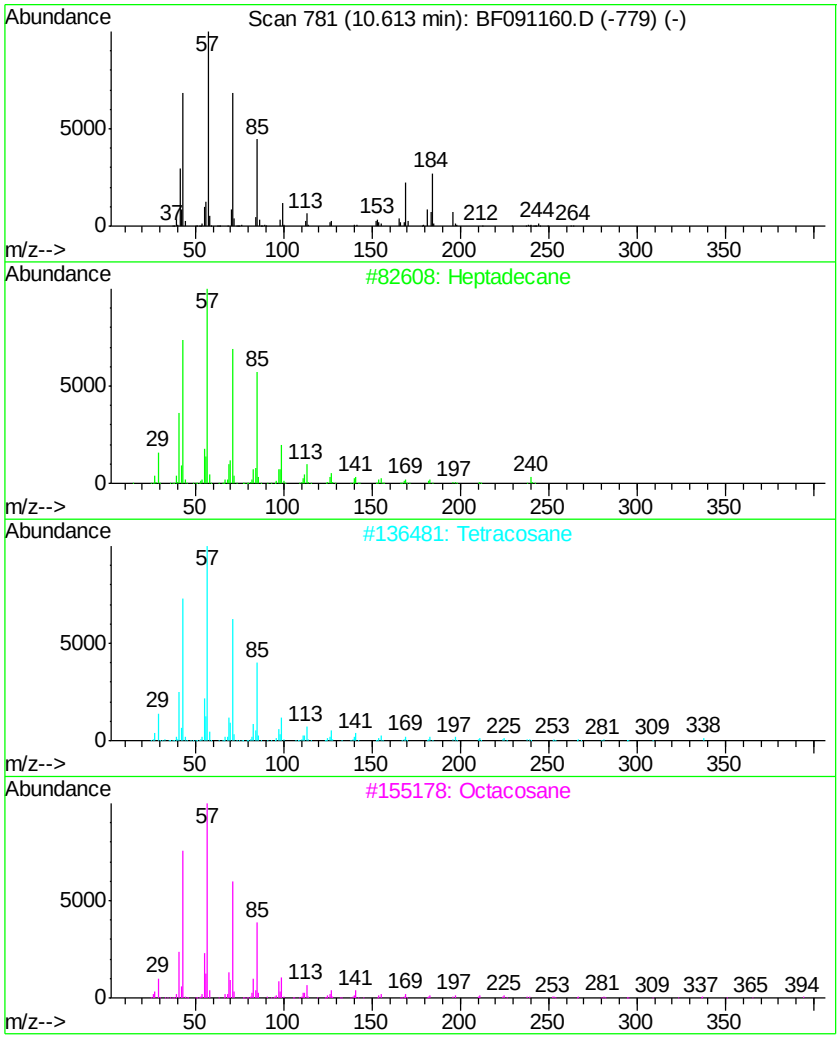
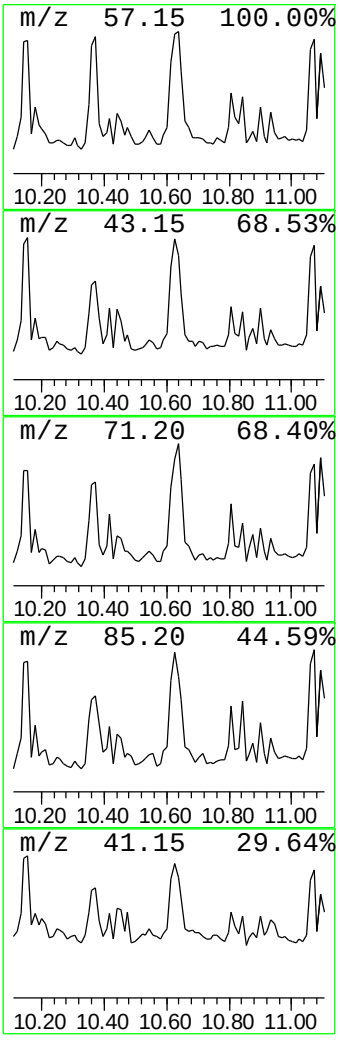
Peak Number 14 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	28.78 ng	2477010	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	58
2	Tetracosane	338	C24H50	000646-31-1	52
3	Octacosane	394	C28H58	000630-02-4	52
4	Heneicosane	296	C21H44	000629-94-7	50
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	49





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Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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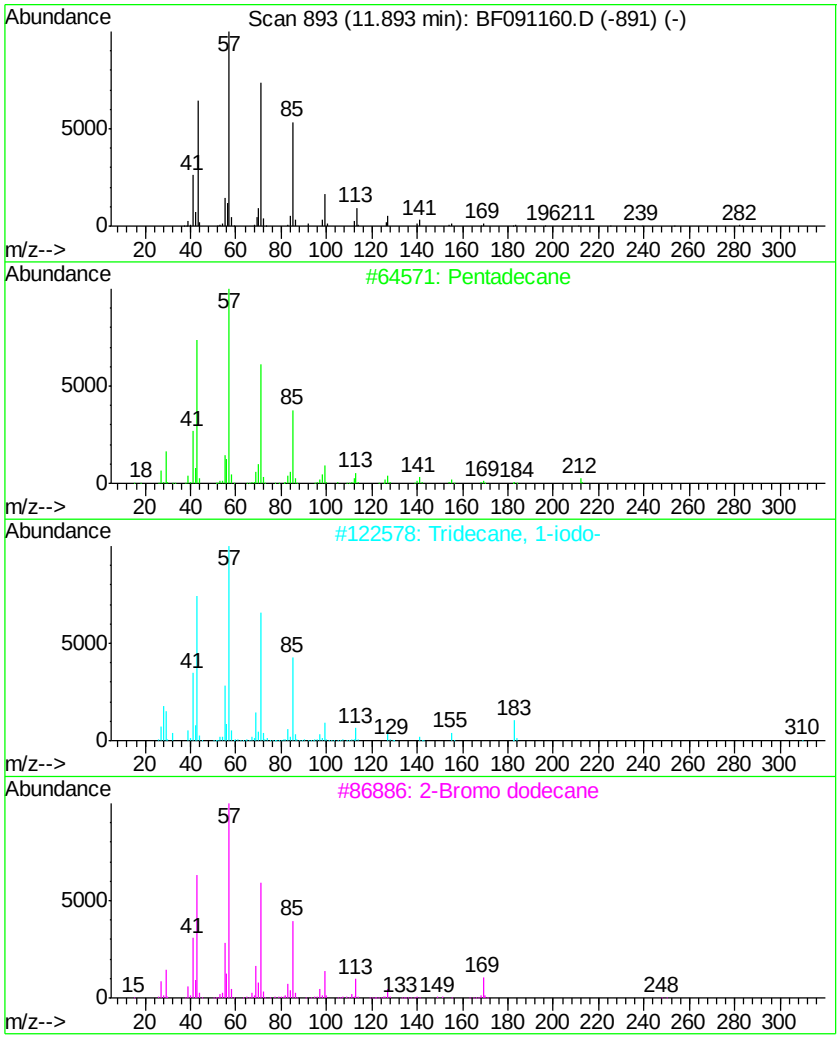
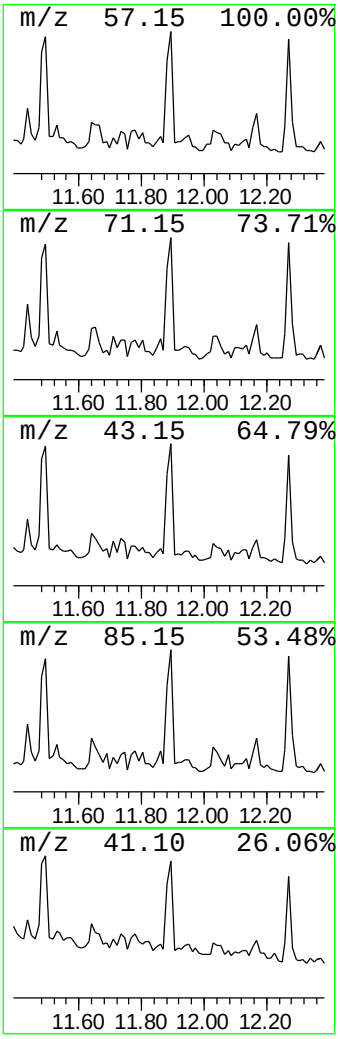
Peak Number 16 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	36.94 ng	3179110	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
4	Eicosane	282	C20H42	000112-95-8	81
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68





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Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

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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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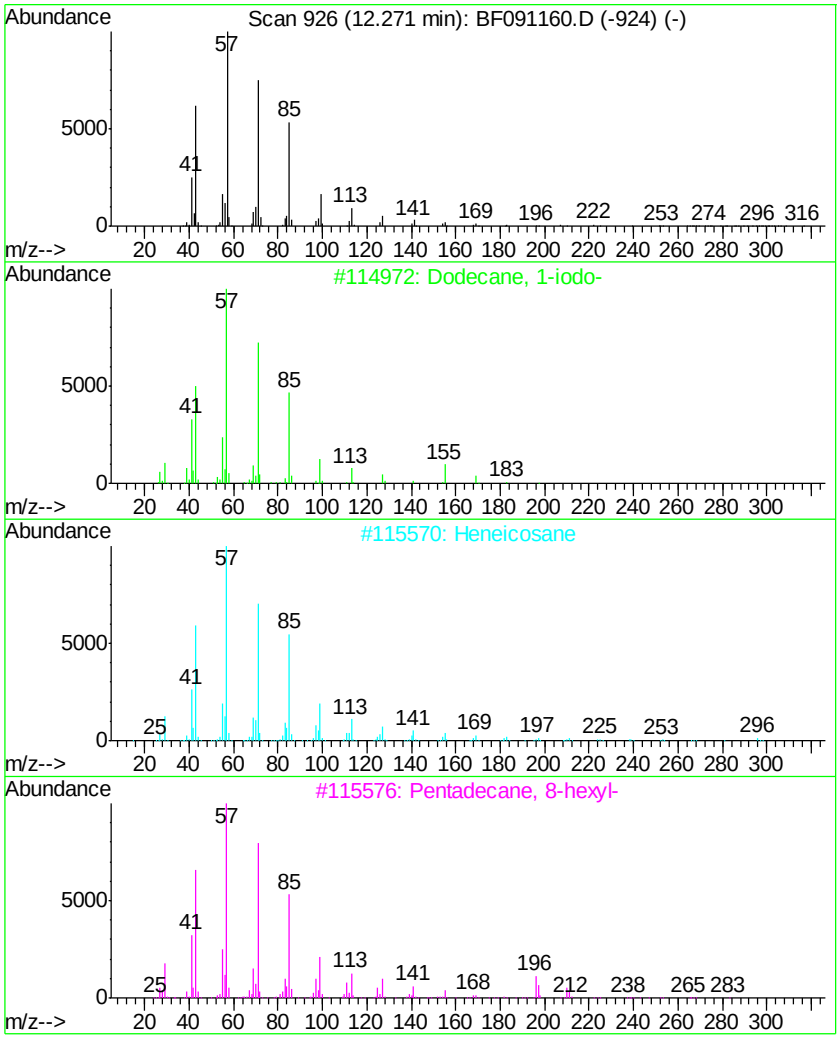
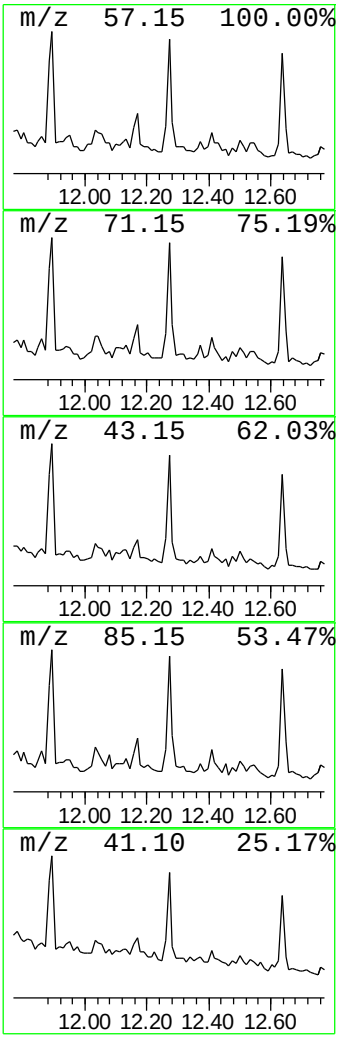
Peak Number 17 Dodecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	32.31 ng	2780640	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
2	Heneicosane	296	C21H44	000629-94-7	83
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	83
4	Pentadecane	212	C15H32	000629-62-9	80
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





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Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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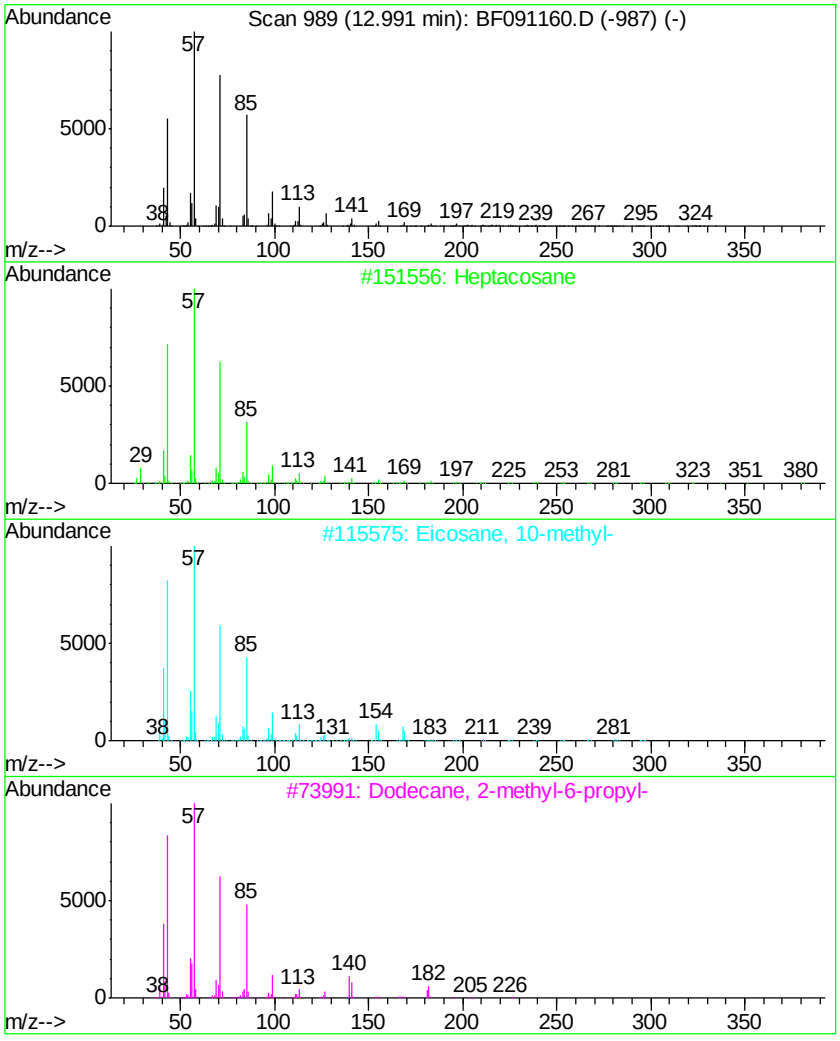
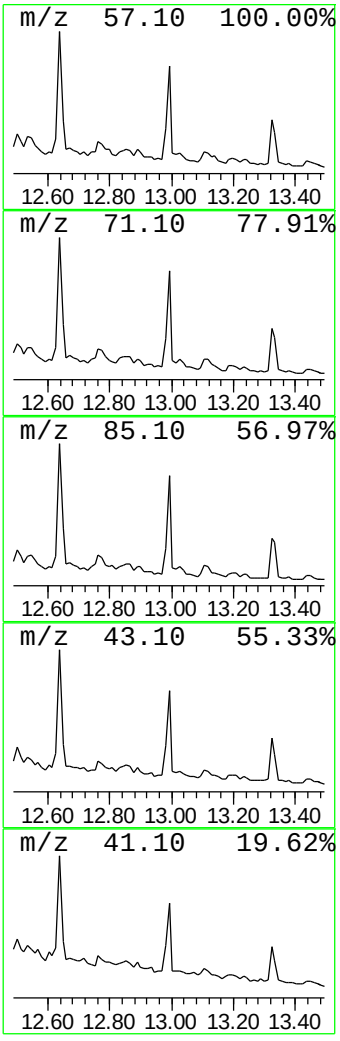
Peak Number 18 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	42.27 ng	2203570	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80
5	Heneicosane	296	C21H44	000629-94-7	78





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Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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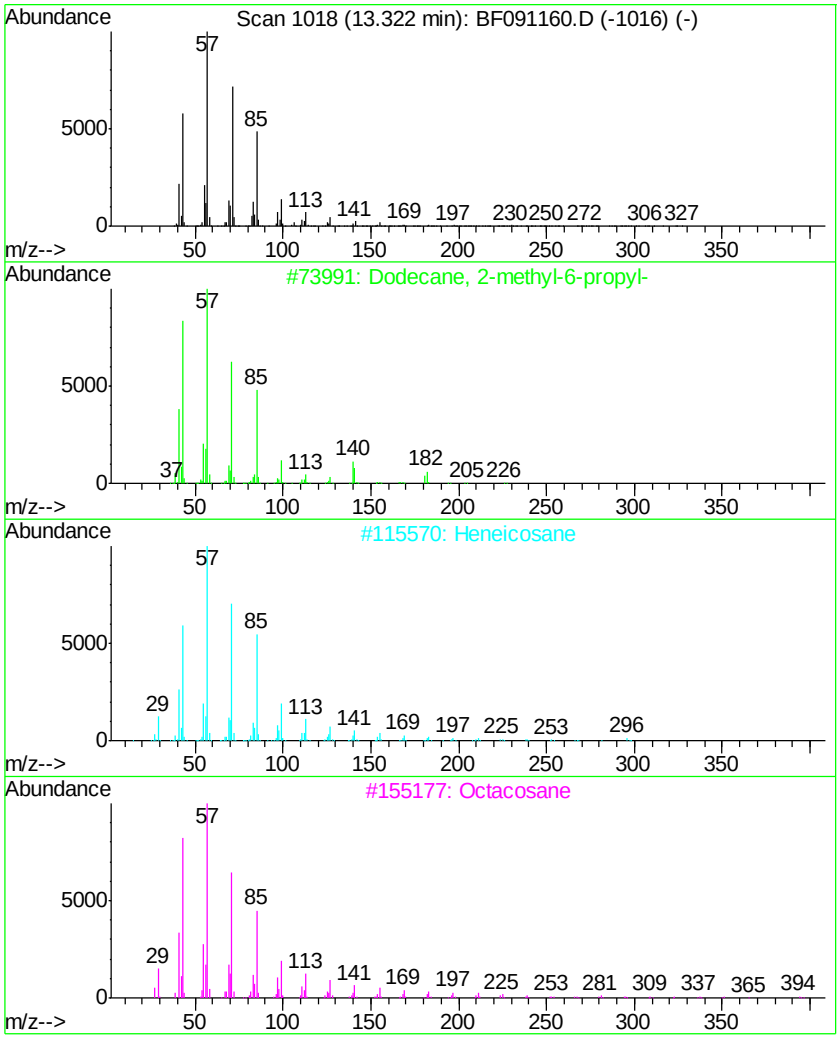
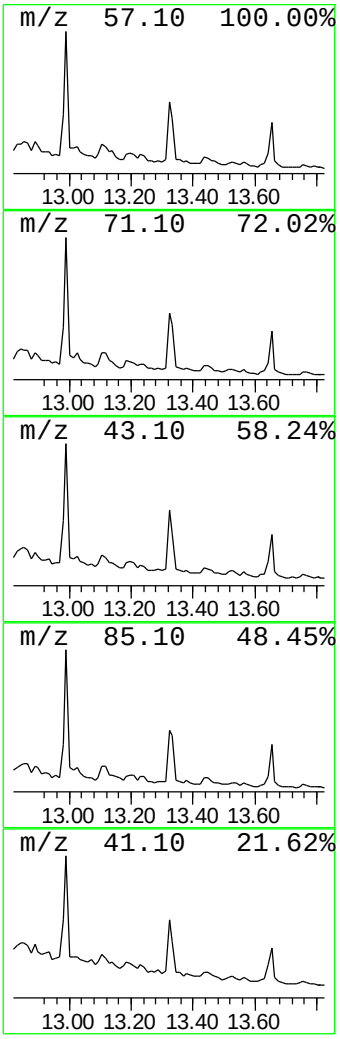
Peak Number 19 Dodecane, 2-methyl-6-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	27.04 ng	1409810	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexadecane	226	C16H34	000544-76-3	89
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	86





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Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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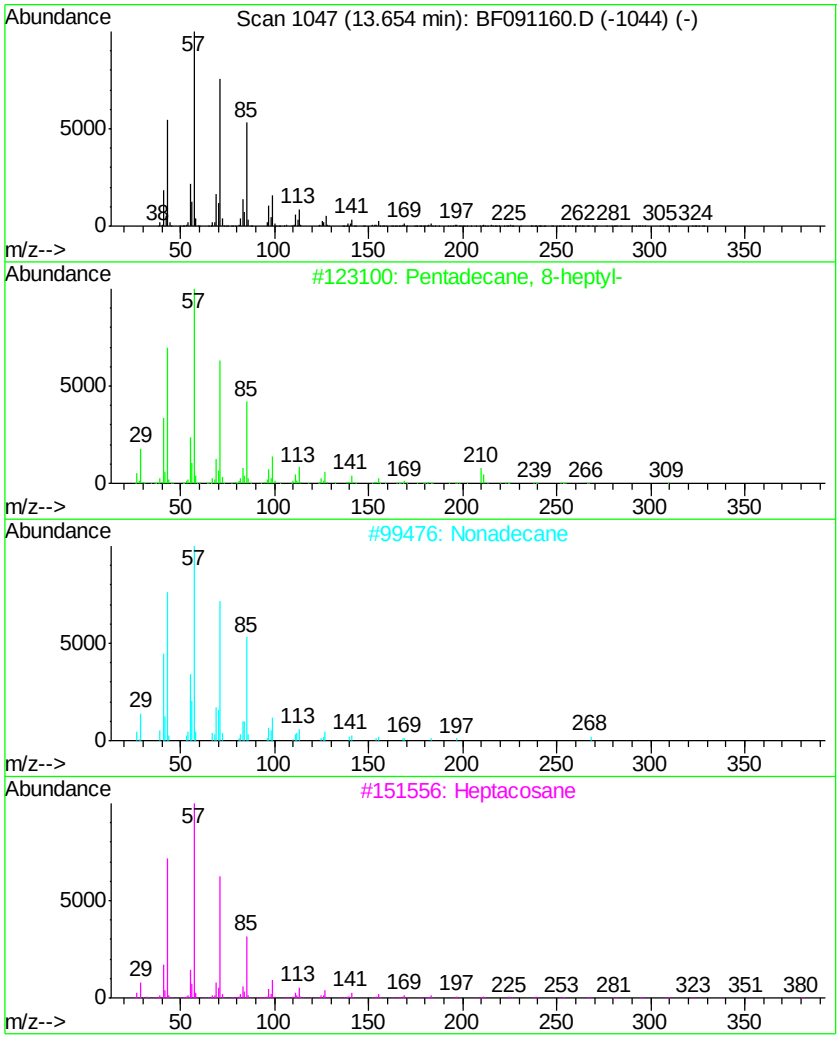
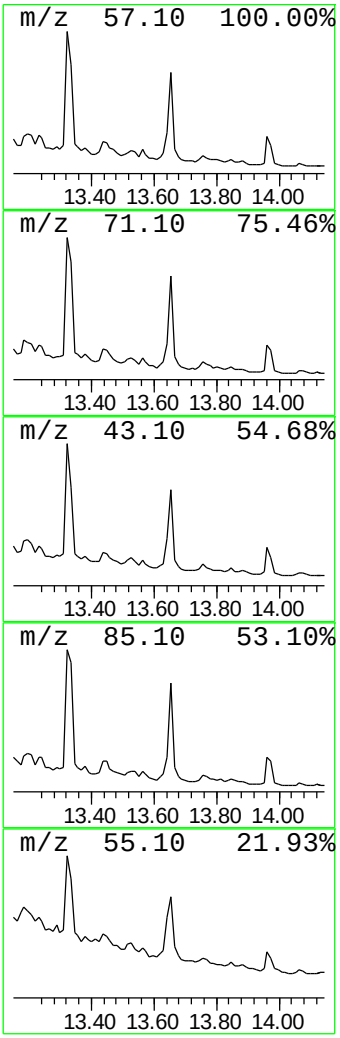
Peak Number 20 Pentadecane, 8-heptyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	23.58 ng	1229370	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5	Pentadecane	212	C15H32	000629-62-9	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
Data File : BF091160.D
Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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
unknown6.42	6.42	53.0	ng	3852960	1	6.65	1452860	20.0
Decane	6.49	31.4	ng	2278470	1	6.65	1452860	20.0
unknown6.93	6.93	70.8	ng	5139590	1	6.65	1452860	20.0
Benzene, 1-methyl...	6.97	26.8	ng	1948380	1	6.65	1452860	20.0
Hexadecane, 7-met...	7.00	22.2	ng	1615490	1	6.65	1452860	20.0
Benzene, 1-methyl...	7.05	52.8	ng	3838000	1	6.65	1452860	20.0
Hexadecane	9.12	48.9	ng	3523750	3	9.70	1440150	20.0
unknown9.28	9.28	30.3	ng	2182170	3	9.70	1440150	20.0
unknown9.88	9.88	30.3	ng	2182310	3	9.70	1440150	20.0
Tridecane, 1-iodo-	10.14	30.0	ng	2163060	3	9.70	1440150	20.0
Tridecane, 5-propyl-	10.36	24.0	ng	1729890	3	9.70	1440150	20.0
Heptadecane	10.61	28.8	ng	2477010	4	11.17	1721120	20.0
Pentadecane	11.89	36.9	ng	3179110	4	11.17	1721120	20.0
Dodecane, 1-iodo-	12.27	32.3	ng	2780640	4	11.17	1721120	20.0
Heptacosane	12.99	42.3	ng	2203570	5	13.79	1042730	20.0
Dodecane, 2-methy...	13.32	27.0	ng	1409810	5	13.79	1042730	20.0
Pentadecane, 8-he...	13.65	23.6	ng	1229370	5	13.79	1042730	20.0