LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092793.D
Acq On : 3 Feb 2017 23:28
Operator : SJ/MA
Sample : I1685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

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-BF013017.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	3.870	153	156	160	rBV	190123	287605	6.17%	0.383%
2	5.104	261	264	273	rBV	1593787	2313446	49.60%	3.082%
3	5.527	298	301	304	rBV	2921042	3478903	74.59%	4.635%
4	5.916	333	335	338	rBV2	58136	99222	2.13%	0.132%
5	6.064	346	348	350	rVB	81443	89864	1.93%	0.120%
6	6.110	350	352	354	rBV2	90875	130703	2.80%	0.174%
7	6.156	354	356	360	rVV2	447601	549613	11.78%	0.732%
8	6.213	360	361	363	rVB	152893	142575	3.06%	0.190%
9	6.350	370	373	375	rBV	139049	189159	4.06%	0.252%
10	6.453	380	382	386	rBV3	191380	369241	7.92%	0.492%
11	6.567	389	392	395	rVV	3275701	4047082	86.78%	5.392%
12	6.613	395	396	398	rVV	89060	114342	2.45%	0.152%
13	6.659	398	400	401	rVV	164463	264510	5.67%	0.352%
14	6.693	401	403	406	rVV	3255418	3730854	80.00%	4.971%
15	6.762	406	409	412	rVV4	85710	198962	4.27%	0.265%
16	6.830	412	415	418	rVV2	135072	251290	5.39%	0.335%
17	6.887	418	420	421	rVV2	134689	159696	3.42%	0.213%
18	6.922	421	423	427	rVV	965118	926422	19.86%	1.234%
19	6.979	427	428	430	rVV2	91383	133758	2.87%	0.178%
20	7.036	430	433	434	rVV2	175879	307208	6.59%	0.409%
21	7.082	434	437	439	rVV	3114182	3135114	67.22%	4.177%
22	7.150	440	443	444	rBV2	94429	124091	2.66%	0.165%
23	7.196	444	447	449	rVB2	167566	250532	5.37%	0.334%
24	7.265	452	453	455	rBV	77867	104069	2.23%	0.139%
25	7.322	455	458	459	rVV3	99879	134832	2.89%	0.180%
26	7.345	459	460	464	rVB3	62032	99730	2.14%	0.133%
27	7.493	470	473	475	rVB	2389448	2609122	55.94%	3.476%
28	7.573	477	480	481	rVB2	126981	214494	4.60%	0.286%
29	7.733	492	494	495	rVB2	83978	85095	1.82%	0.113%
30	7.825	498	502	503	rBV3	90495	137609	2.95%	0.183%
31	7.848	503	504	507	rVB2	116871	99347	2.13%	0.132%
32	7.950	511	513	518	rVB3	52428	116262	2.49%	0.155%
33	8.088	522	525	526	rBV2	51365	82877	1.78%	0.110%
34	8.156	528	531	533	rBV3	54390	119981	2.57%	0.160%

LSC Area Percent Report

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Acq On : 3 Feb 2017 23:28
Operator : SJ/MA
Sample : I1685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.213	533	536	538	rBV	781054	1022736	21.93%	1.363%
36	8.259	538	540	542	rVB2	71823	122343	2.62%	0.163%
37	8.293	542	543	547	rVB3	73549	91240	1.96%	0.122%
38	8.499	557	561	562	rBV2	174785	260951	5.60%	0.348%
39	8.636	571	573	575	rBV	510846	710397	15.23%	0.947%
40	8.670	575	576	578	rVB2	117831	96949	2.08%	0.129%
41	8.750	581	583	586	rBV4	85283	178379	3.82%	0.238%
42	8.796	586	587	590	rBV3	70753	170770	3.66%	0.228%
43	8.842	590	591	594	rBV3	70234	128634	2.76%	0.171%
44	8.899	594	596	597	rVB	185418	203231	4.36%	0.271%
45	9.013	602	606	609	rBV6	85588	270152	5.79%	0.360%
46	9.093	611	613	614	rBV2	127061	194899	4.18%	0.260%
47	9.116	614	615	617	rVB	191662	189691	4.07%	0.253%
48	9.208	621	623	624	rBV2	86339	96721	2.07%	0.129%
49	9.230	624	625	628	rBV	960653	1003383	21.51%	1.337%
50	9.288	628	630	633	rBV	3155851	3663811	78.56%	4.882%
51	9.379	635	638	640	rBV3	374825	678376	14.55%	0.904%
52	9.413	640	641	642	rBV	143914	145993	3.13%	0.195%
53	9.482	645	647	649	rVB2	166220	191317	4.10%	0.255%
54	9.562	649	654	655	rBV2	336678	603837	12.95%	0.805%
55	9.631	655	660	663	rBV2	553259	1279517	27.44%	1.705%
56	9.688	663	665	667	rBV2	1786640	2221016	47.62%	2.959%
57	9.779	671	673	676	rVB3	175784	323552	6.94%	0.431%
58	9.836	676	678	680	rBV3	305204	440823	9.45%	0.587%
59	9.882	680	682	683	rBV	403166	456278	9.78%	0.608%
60	9.973	686	690	691	rBV2	1301099	1738419	37.27%	2.316%
61	10.008	691	693	694	rBV2	272977	210376	4.51%	0.280%
62	10.042	694	696	697	rVB2	162273	198389	4.25%	0.264%
63	10.076	697	699	701	rVB	529499	583345	12.51%	0.777%
64	10.122	701	703	705	rBV3	291382	509003	10.91%	0.678%
65	10.168	705	707	710	rBV2	613148	835100	17.91%	1.113%
66	10.225	710	712	716	rVB3	612906	1147176	24.60%	1.529%
67	10.293	716	718	719	rBV	424123	546747	11.72%	0.728%
68	10.339	721	722	724	rVB	289191	341640	7.33%	0.455%
69	10.385	724	726	728	rBV2	441614	805848	17.28%	1.074%
70	10.431	728	730	731	rBV	320133	369563	7.92%	0.492%
71	10.511	734	737	738	rBV3	238494	587138	12.59%	0.782%

LSC Area Percent Report

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Operator : SJ/MA
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.625	744	747	750	rBV	2328862	2601077	55.77%	3.466%
73	10.671	750	751	754	rVB3	382790	517075	11.09%	0.689%
74	10.739	754	757	758	rBV2	436385	806079	17.28%	1.074%
75	10.762	758	759	761	rVV2	1539680	2033559	43.60%	2.710%
76	10.854	765	767	768	rBV2	179425	305361	6.55%	0.407%
77	10.888	768	770	773	rVV	3183159	4663810	100.00%	6.214%
78	10.956	774	776	779	rBV3	227863	513079	11.00%	0.684%
79	11.071	784	786	787	rVV2	253665	323190	6.93%	0.431%
80	11.105	787	789	790	rVB	572049	610822	13.10%	0.814%
81	11.219	796	799	802	rBV4	293847	556840	11.94%	0.742%
82	11.356	808	811	814	rVB	2019224	2364680	50.70%	3.151%
83	11.459	819	820	824	rBV2	1075778	1431361	30.69%	1.907%
84	11.574	828	830	831	rBV2	271156	360373	7.73%	0.480%
85	11.699	839	841	846	rVB3	504118	1000590	21.45%	1.333%
86	11.791	847	849	853	rVB3	272000	506107	10.85%	0.674%
87	11.962	863	864	865	rBV	220692	187963	4.03%	0.250%
88	12.076	872	874	875	rVB	245575	264704	5.68%	0.353%
89	12.442	904	906	910	rVB	298345	399143	8.56%	0.532%
90	12.522	911	913	914	rVB	209315	214924	4.61%	0.286%
91	12.899	944	946	950	rBV2	114531	266807	5.72%	0.355%
92	13.048	956	959	962	rBV	2892469	3528630	75.66%	4.702%
93	13.128	962	966	969	rVV4	55856	132222	2.84%	0.176%
94	13.185	969	971	972	rVB	104265	106006	2.27%	0.141%
95	13.928	1033	1036	1040	rBV2	151252	452885	9.71%	0.603%
96	14.100	1049	1051	1054	rVB	961779	960896	20.60%	1.280%
97	15.574	1177	1180	1184	rVB	549381	992010	21.27%	1.322%
98	16.260	1238	1240	1250	rVB	181014	571113	12.25%	0.761%
99	16.694	1276	1278	1286	rVB	173374	390863	8.38%	0.521%
100	18.203	1404	1410	1412	rBV6	57272	273992	5.87%	0.365%

Sum of corrected areas: 75051511

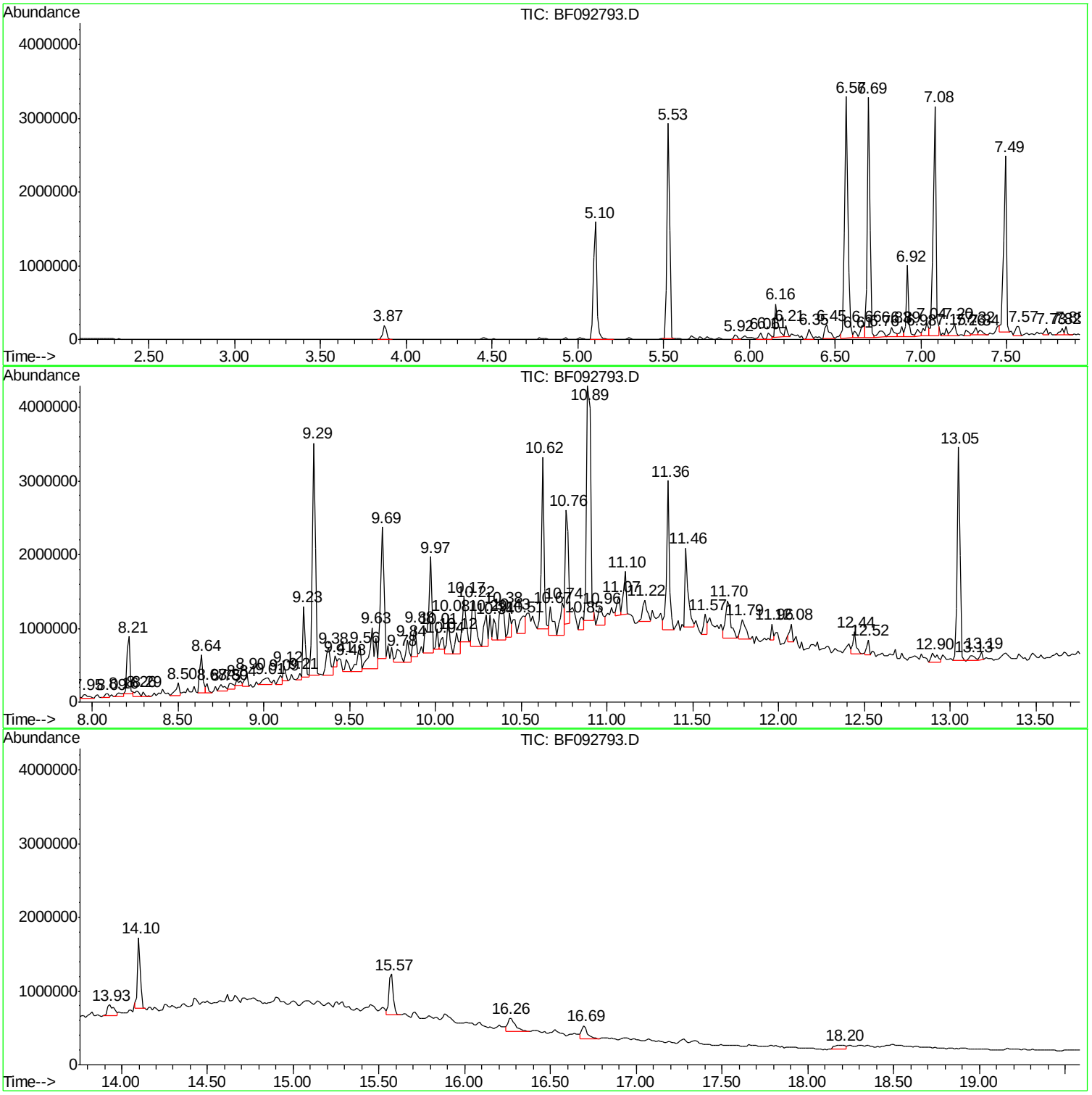
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092793.D
Acq On : 3 Feb 2017 23:28
Operator : SJ/MA
Sample : I1685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF020317\
Data File : BF092793.D
Acq On : 3 Feb 2017 23:28
Operator : SJ/MA
Sample : I1685-01
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

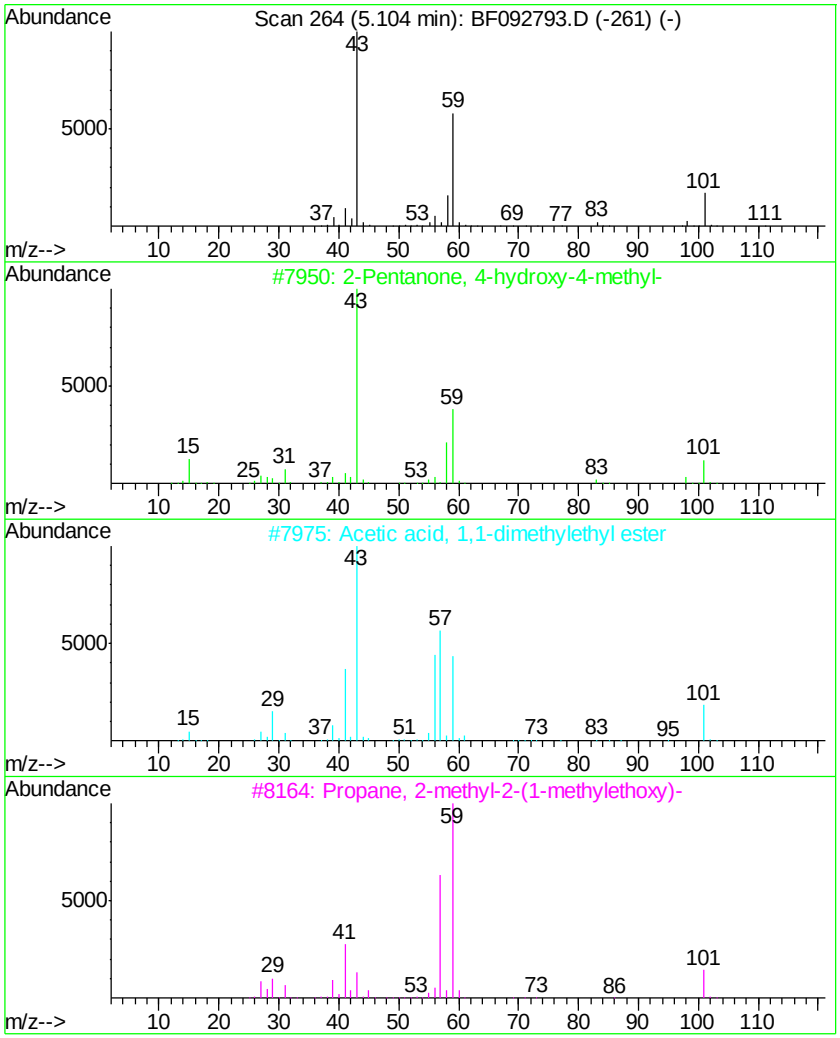
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

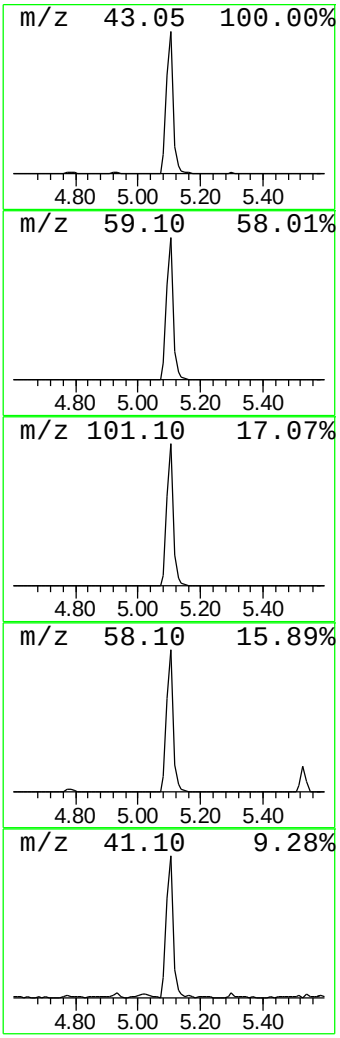
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	49.94 ng	2313450	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092793.D
Acq On : 3 Feb 2017 23:28
Operator : SJ/MA
Sample : I1685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

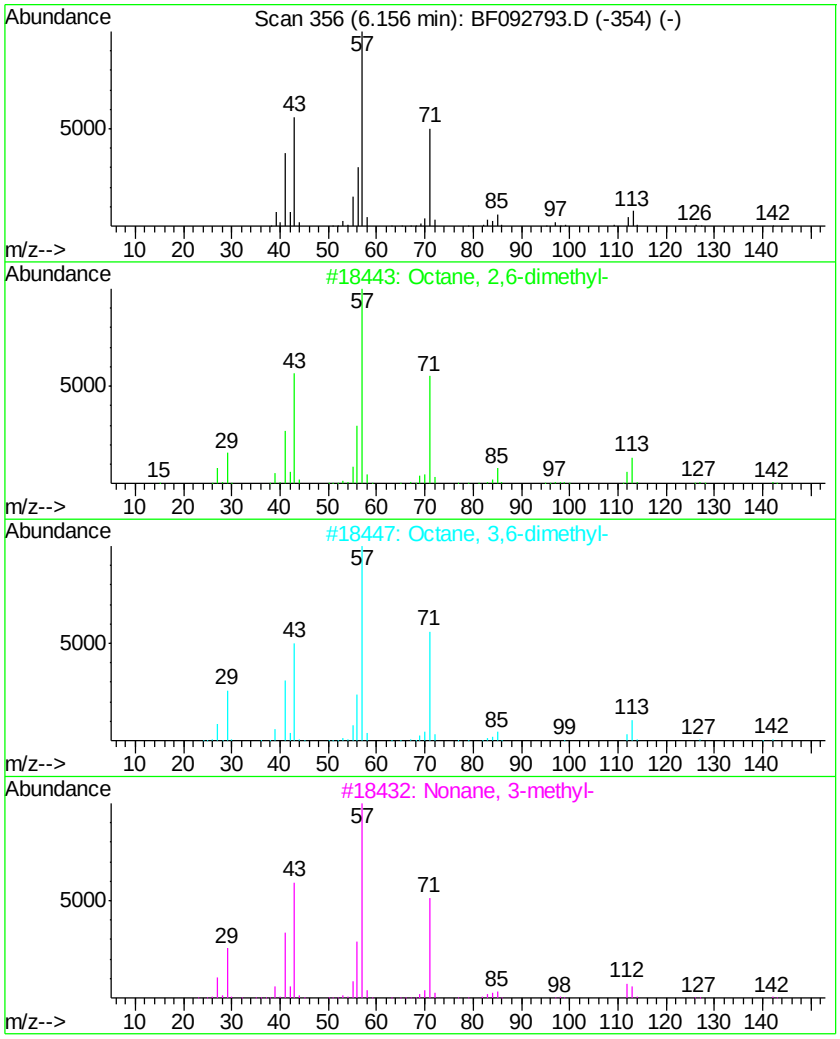
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

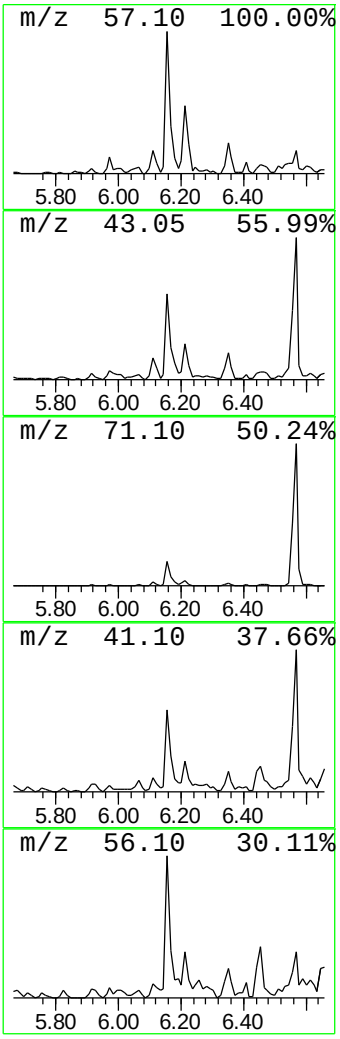
****

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	11.87 ng	549613	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59





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Instrument : BNA_F
ClientSampleId : N-1A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

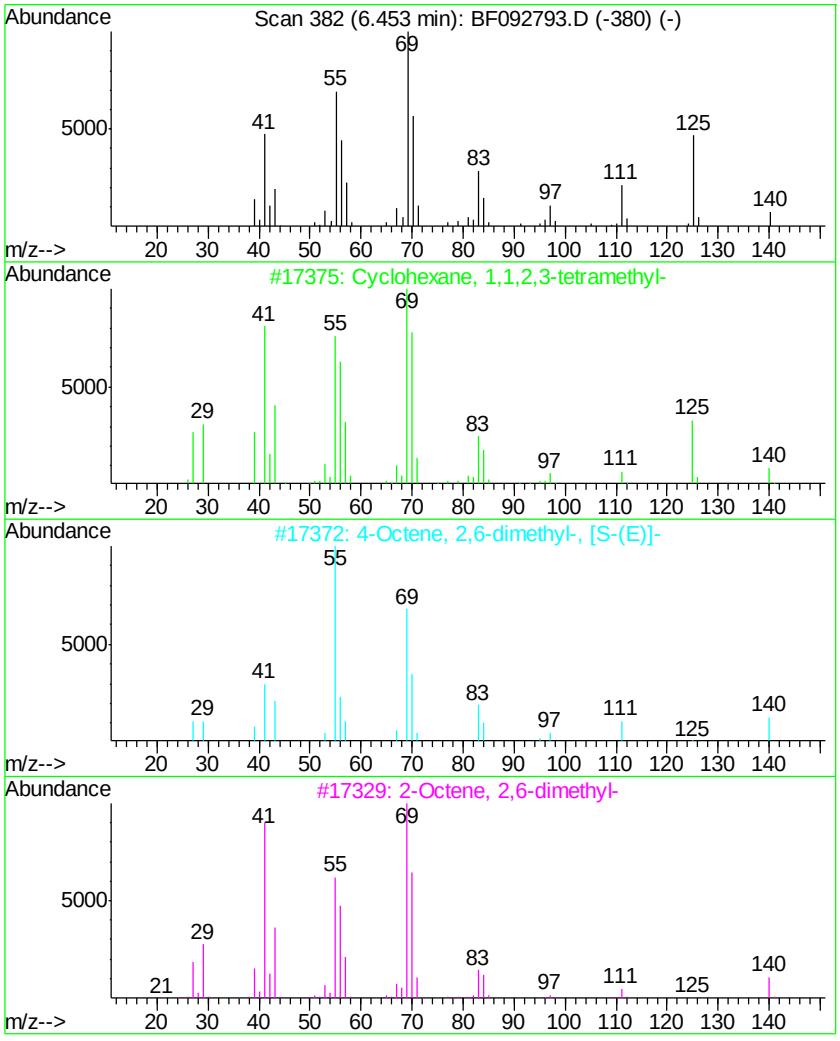
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

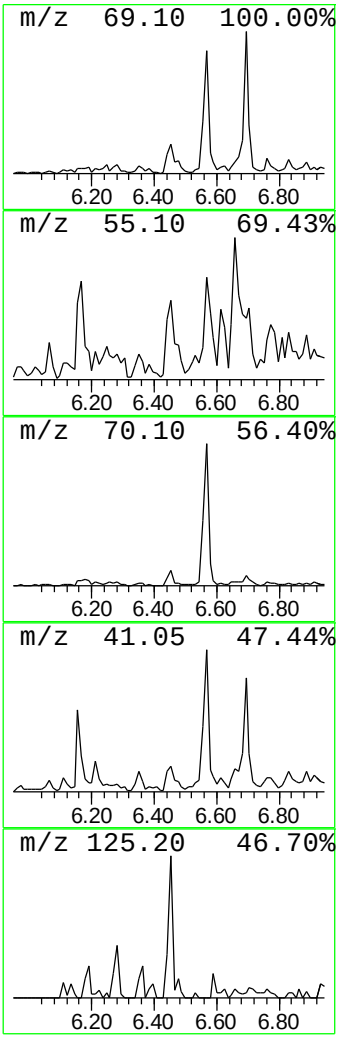
****

Peak Number 3 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	7.97 ng	369241	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	70
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
4	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	50
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
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Sample : I1685-01
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

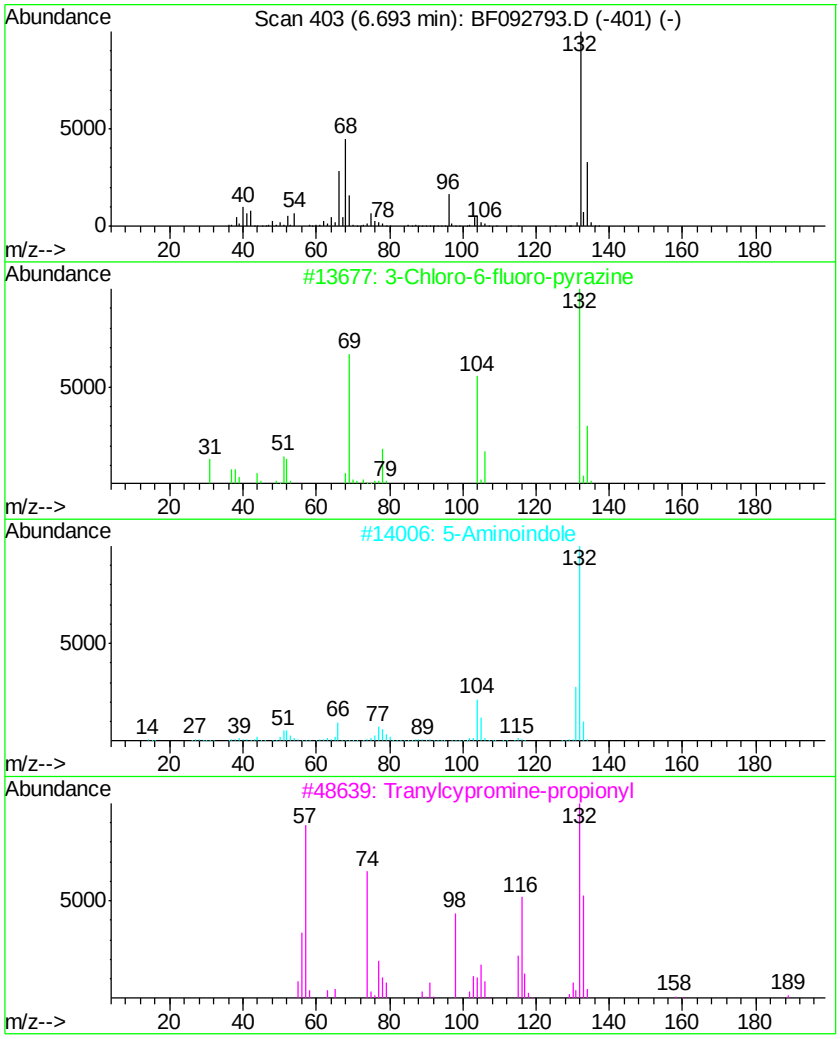
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

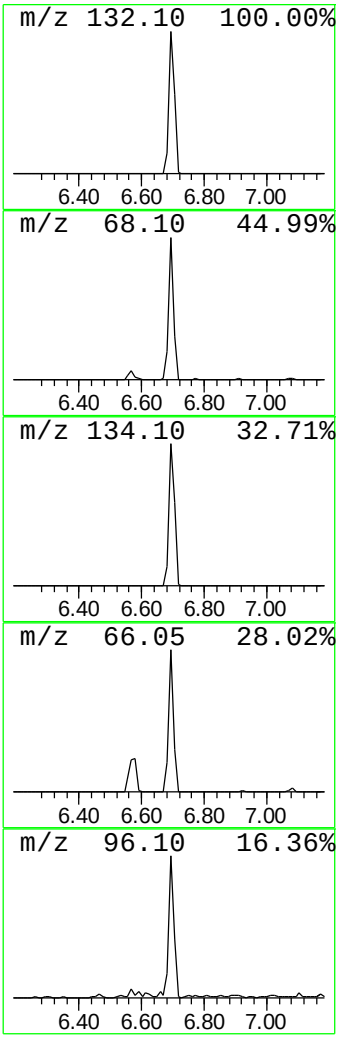
****

Peak Number 4 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	80.54 ng	3730850	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Data File : BF092793.D
Acq On : 3 Feb 2017 23:28
Operator : SJ/MA
Sample : I1685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

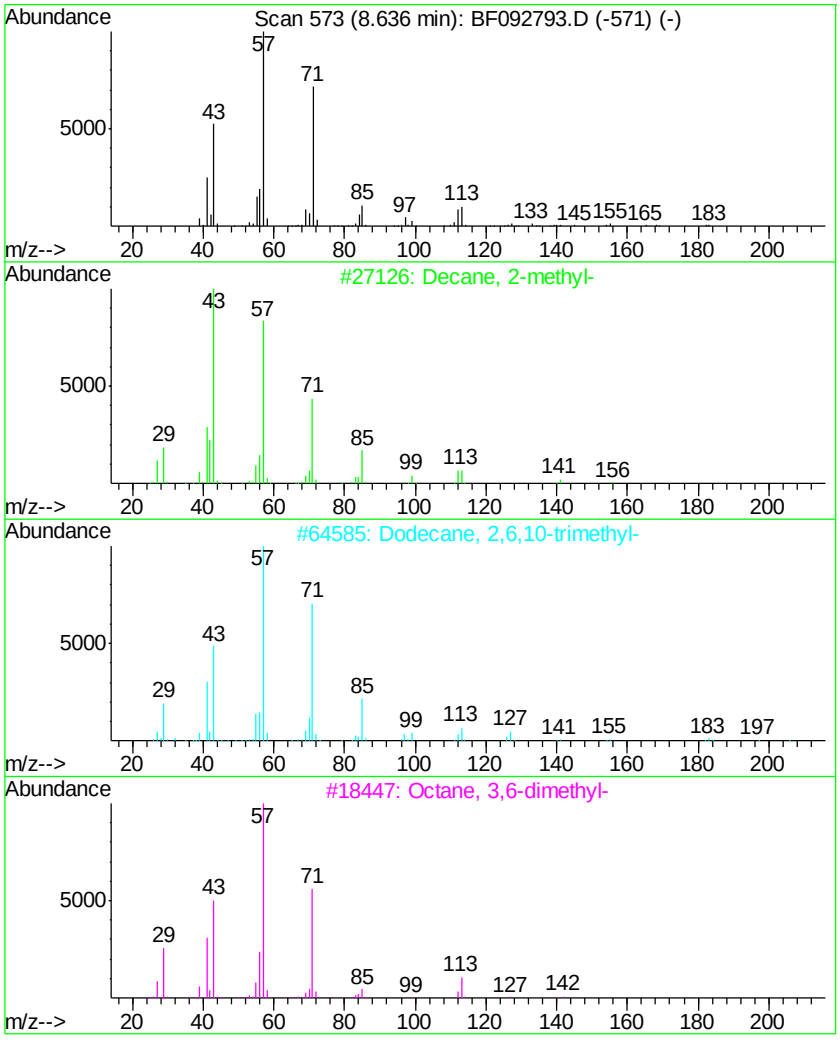
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

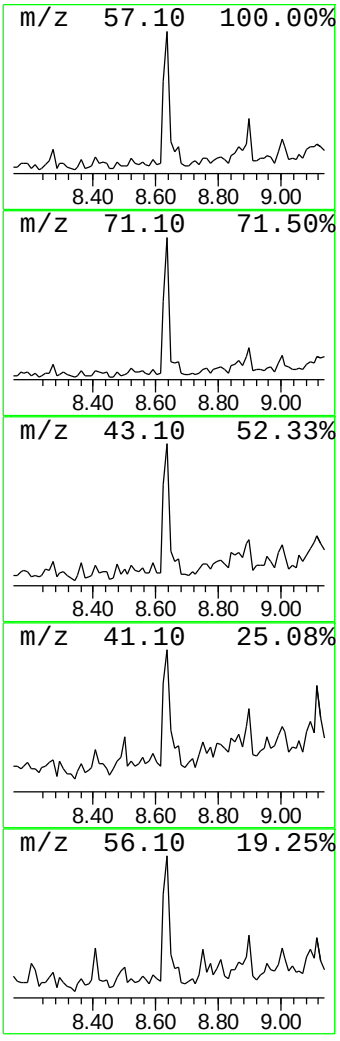
****

Peak Number 6 Decane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	13.89 ng	710397	Naphthalene-d8	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	72
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092793.D
Acq On : 3 Feb 2017 23:28
Operator : SJ/MA
Sample : I1685-01
Misc :
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Instrument : BNA_F
ClientSampleId : N-1A

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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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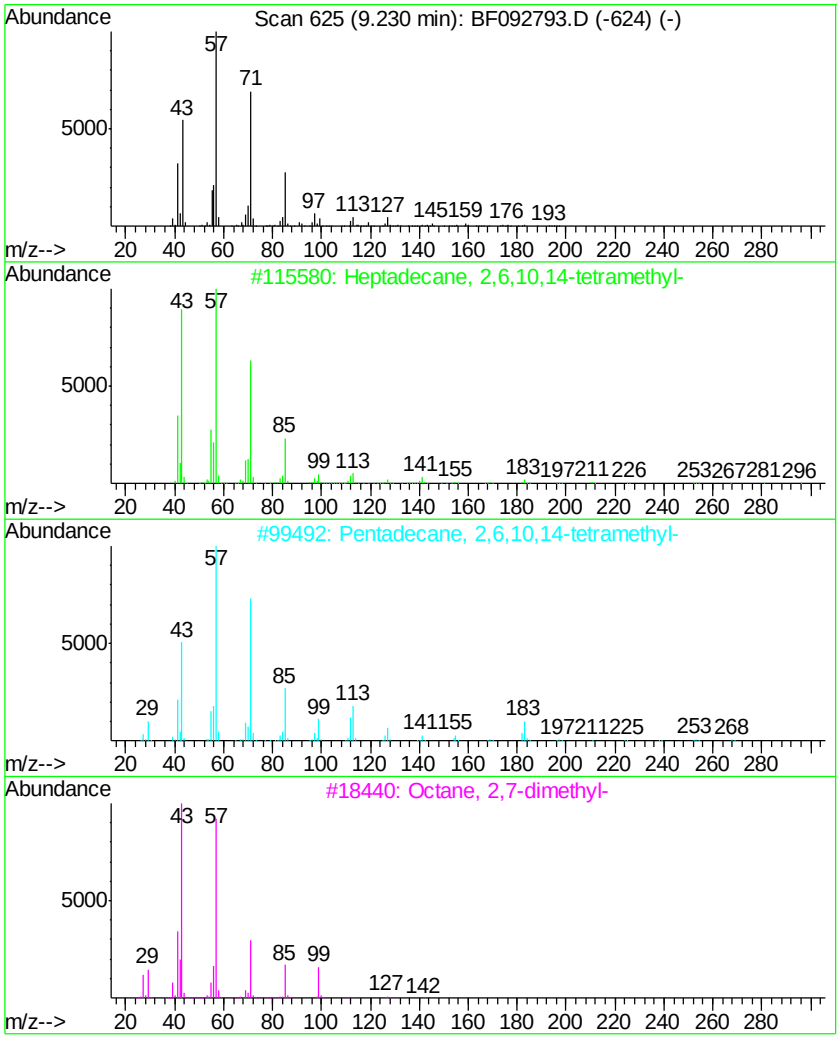
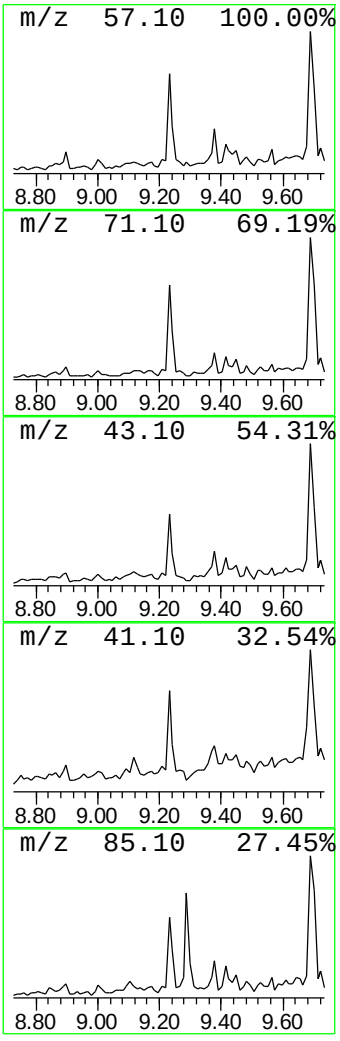
Peak Number 7 Heptadecane, 2,6,10,14-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	11.54 ng	1003380	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	59
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59





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Acq On : 3 Feb 2017 23:28
Operator : SJ/MA
Sample : I1685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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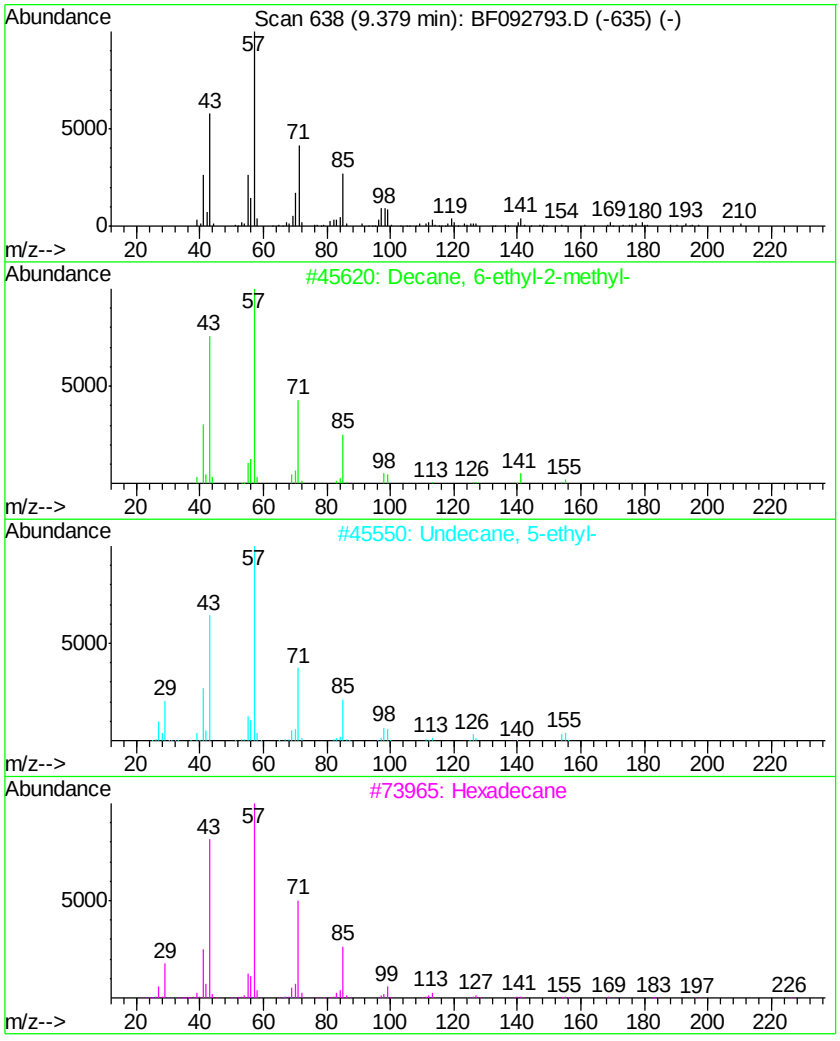
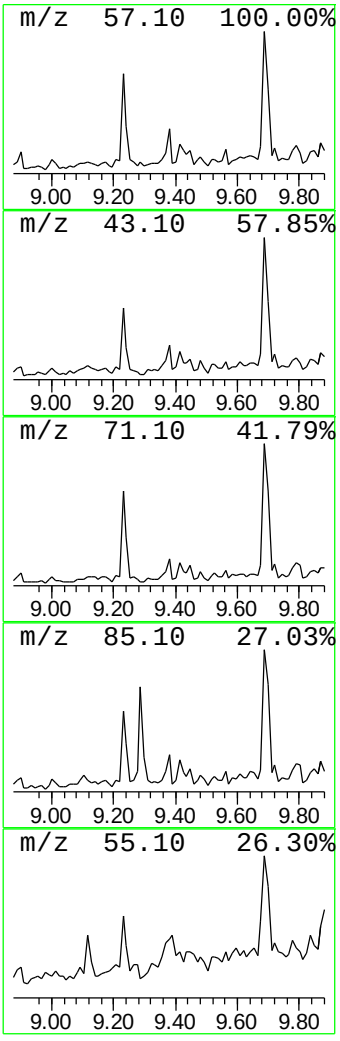
Peak Number 8 Decane, 6-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	7.80 ng	678376	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Tetradecane	198	C14H30	000629-59-4	59
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53





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Sample : I1685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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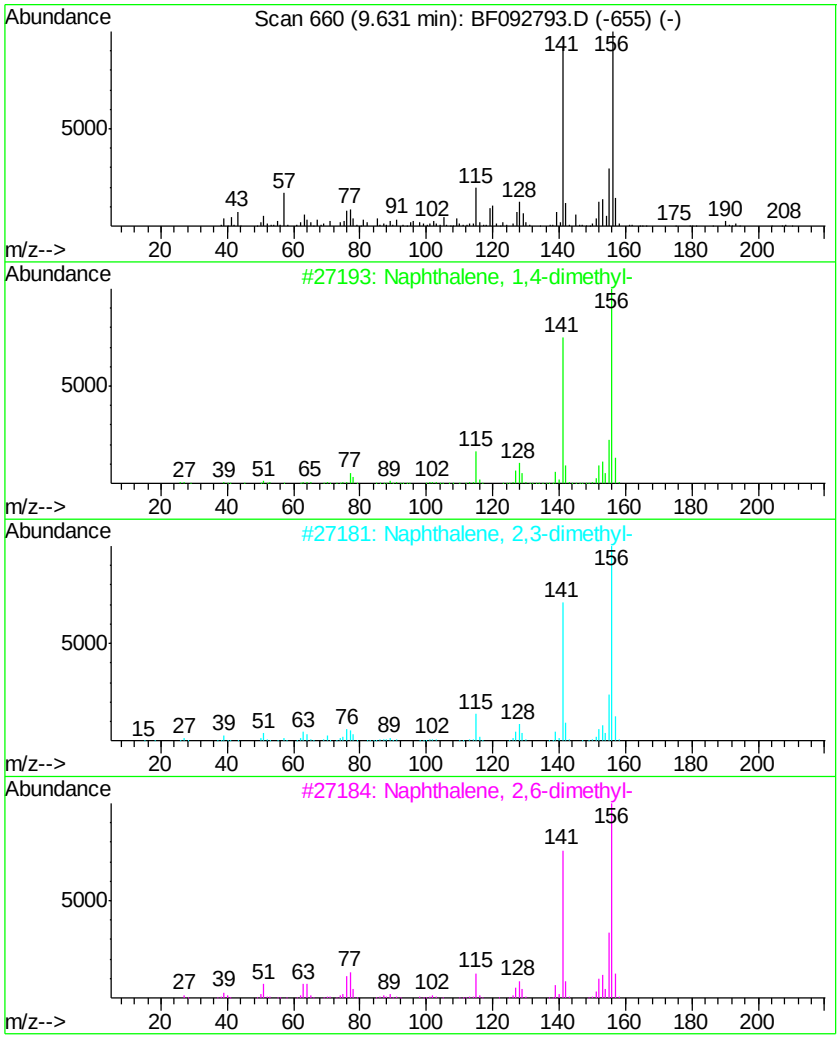
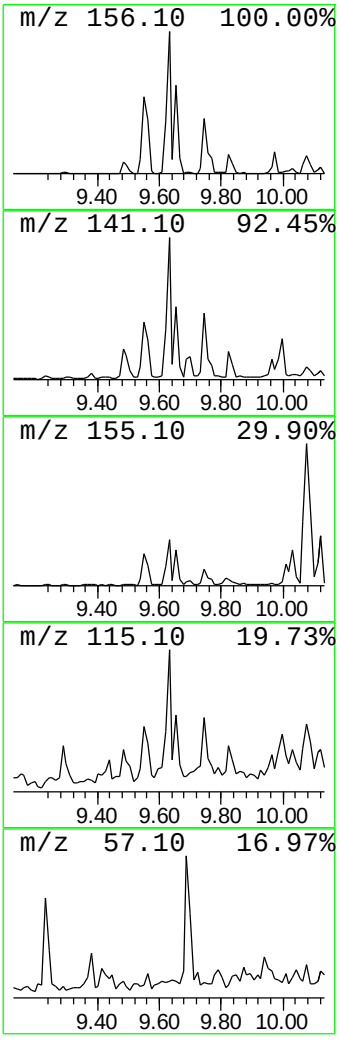
Peak Number 9 Naphthalene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	14.72 ng	1279520	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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ClientSampleId : N-1A

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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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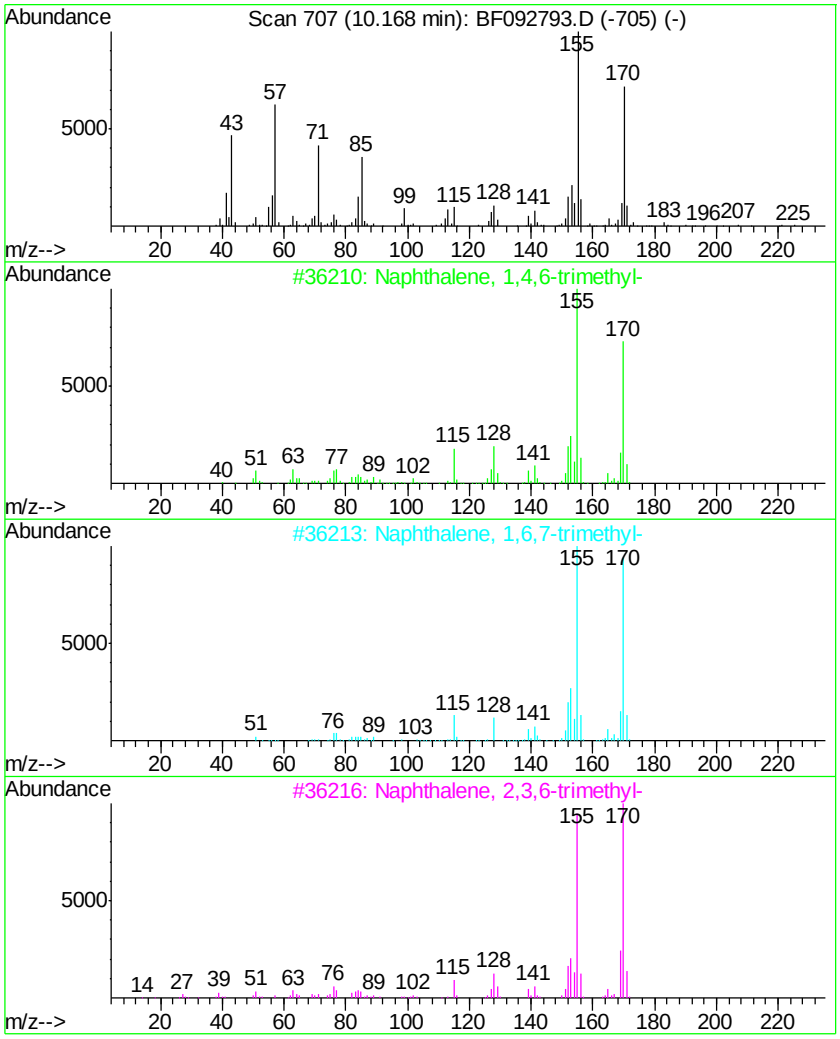
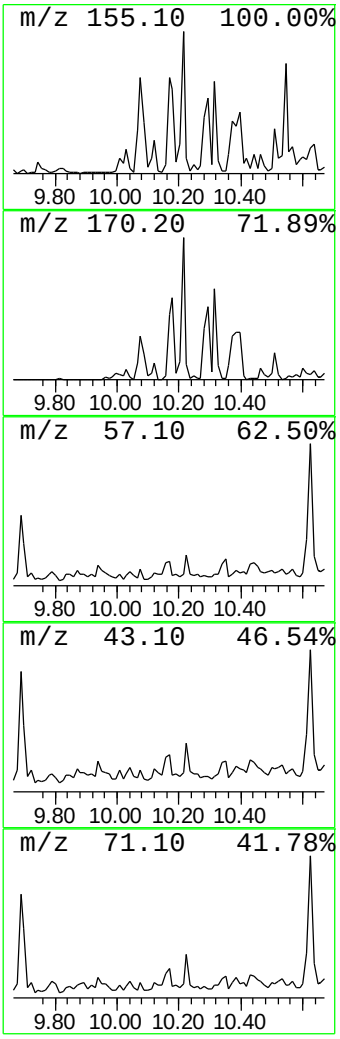
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	9.61 ng	835100	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	70





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Sample : I1685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

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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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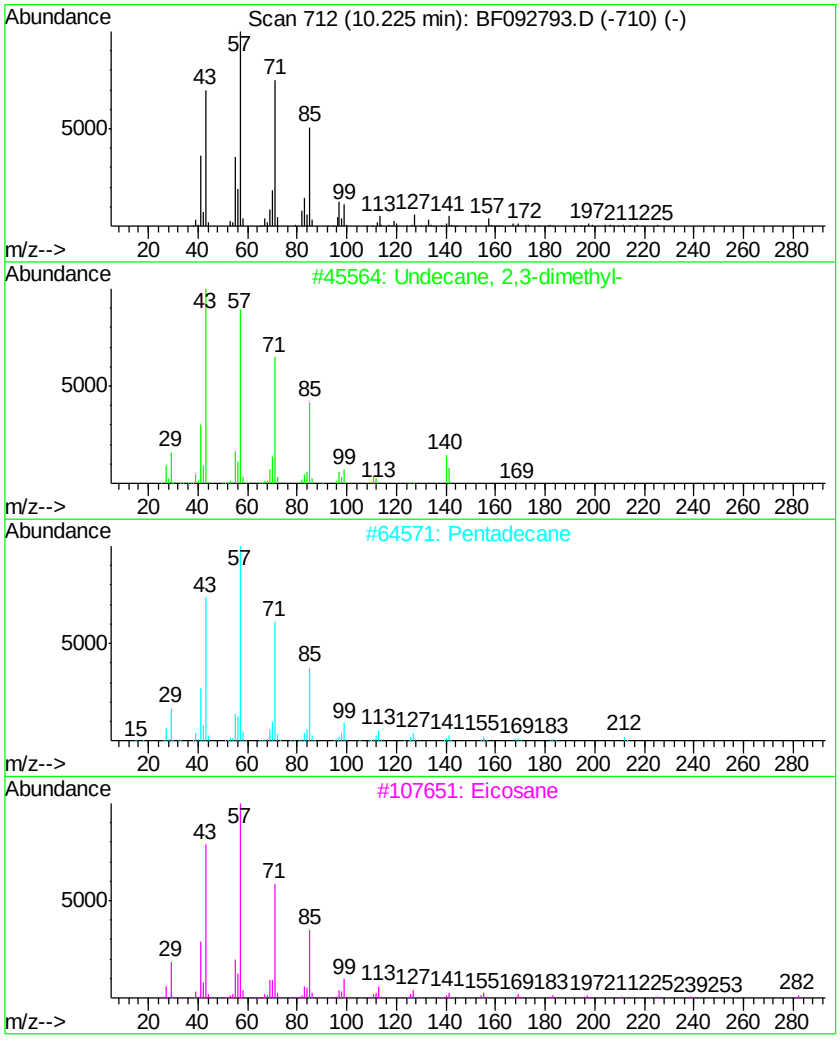
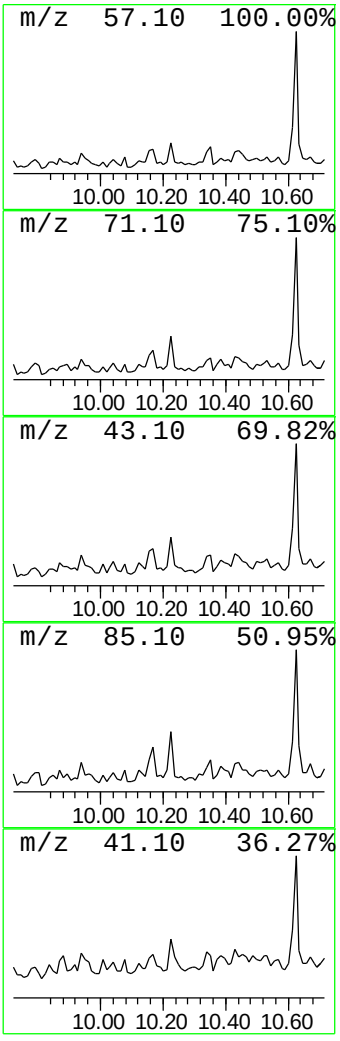
Peak Number 11 Undecane, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	13.20 ng	1147180	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
2	Pentadecane	212	C15H32	000629-62-9	72
3	Eicosane	282	C20H42	000112-95-8	64
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	59





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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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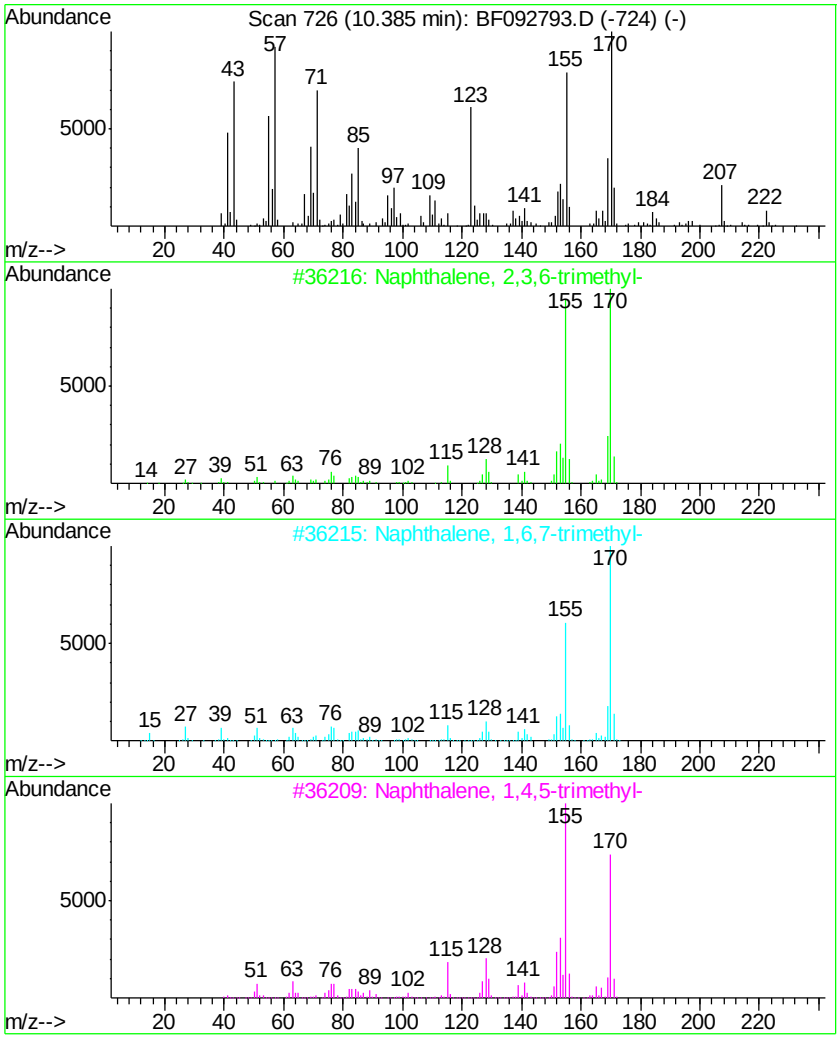
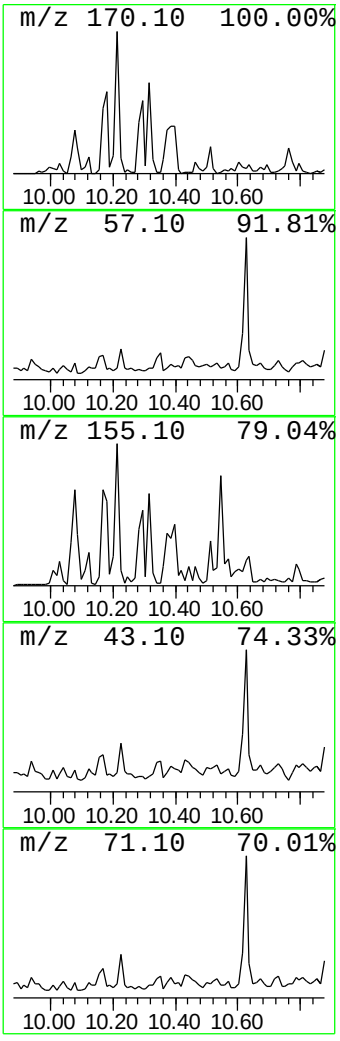
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	9.27 ng	805848	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	58
5	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	53





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Sample : I1685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

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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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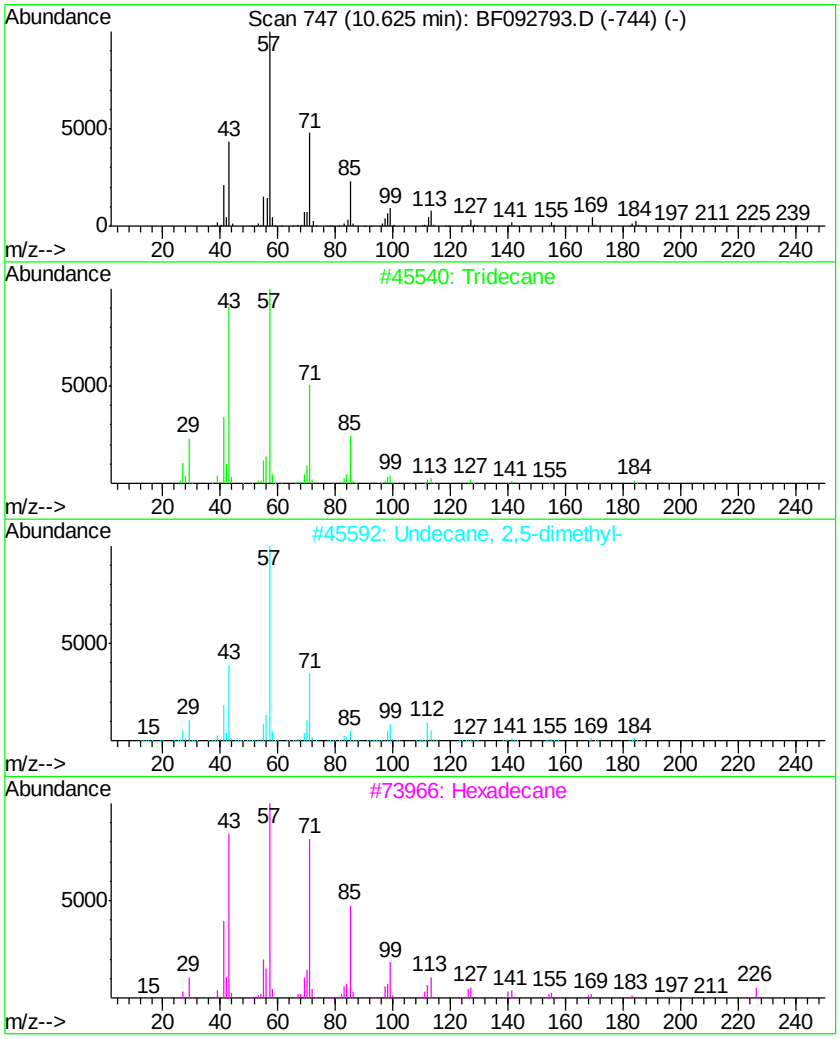
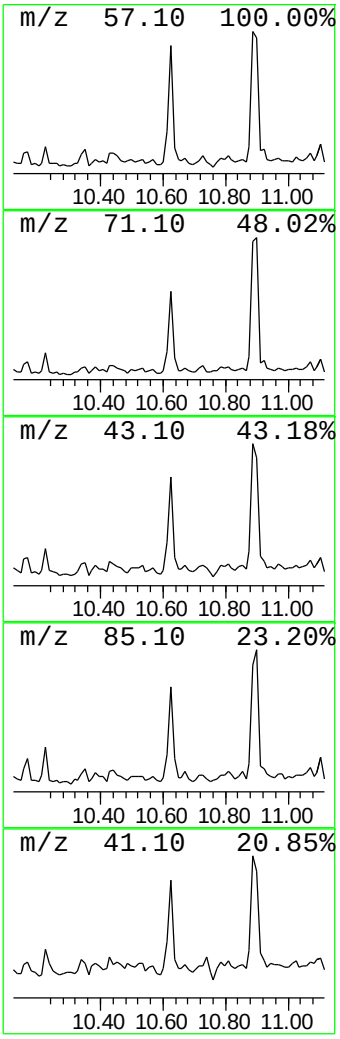
Peak Number 13 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	29.92 ng	2601080	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Hexadecane	226	C16H34	000544-76-3	72
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64





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Sample : I1685-01
Misc :
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Instrument : BNA_F
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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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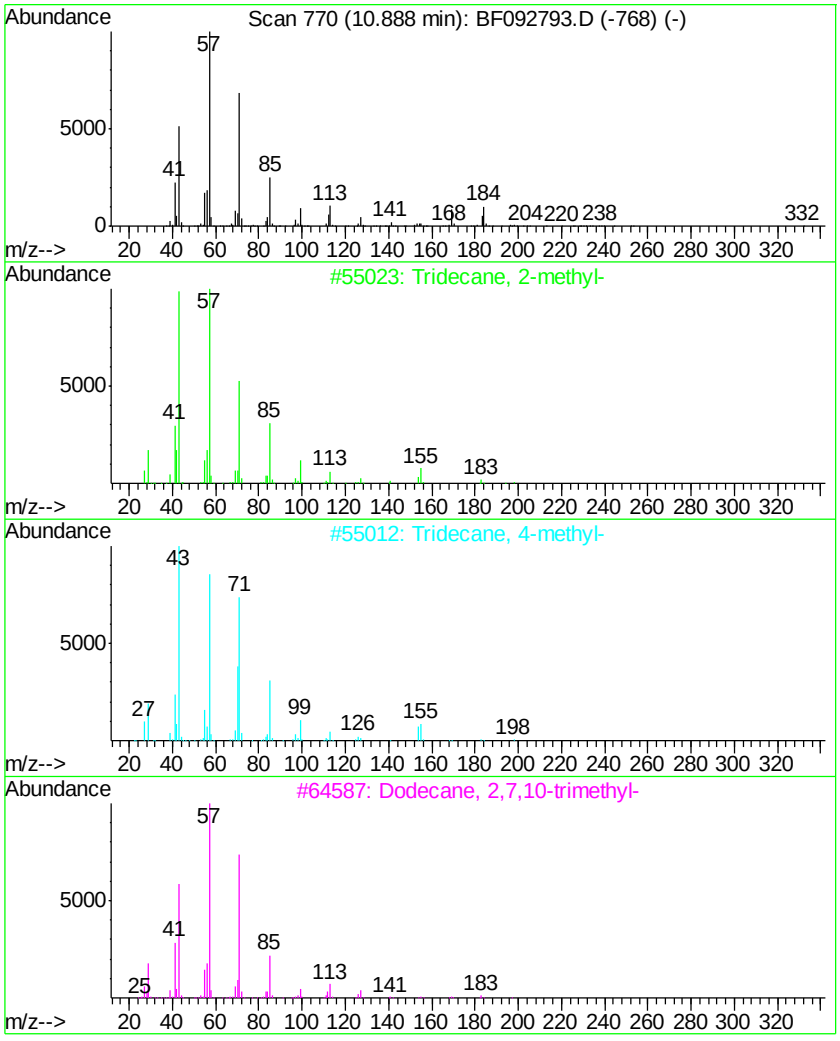
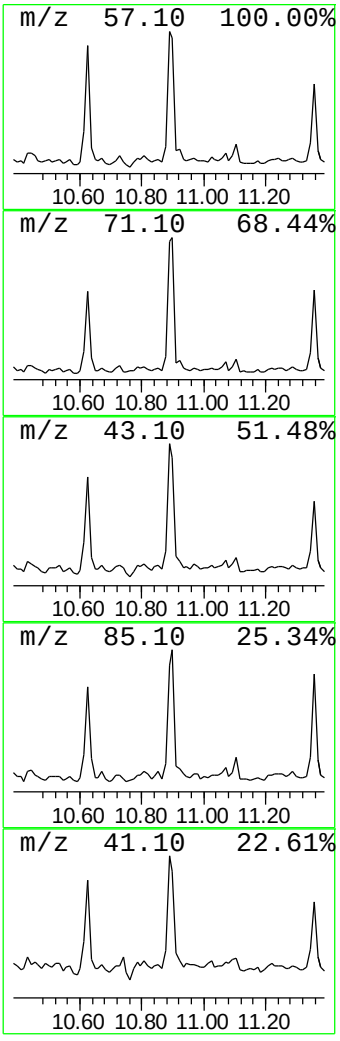
Peak Number 14 Tridecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	65.17 ng	4663810	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	68
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	58
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	49





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Sample : I1685-01
Misc :
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Instrument : BNA_F
ClientSampleId : N-1A

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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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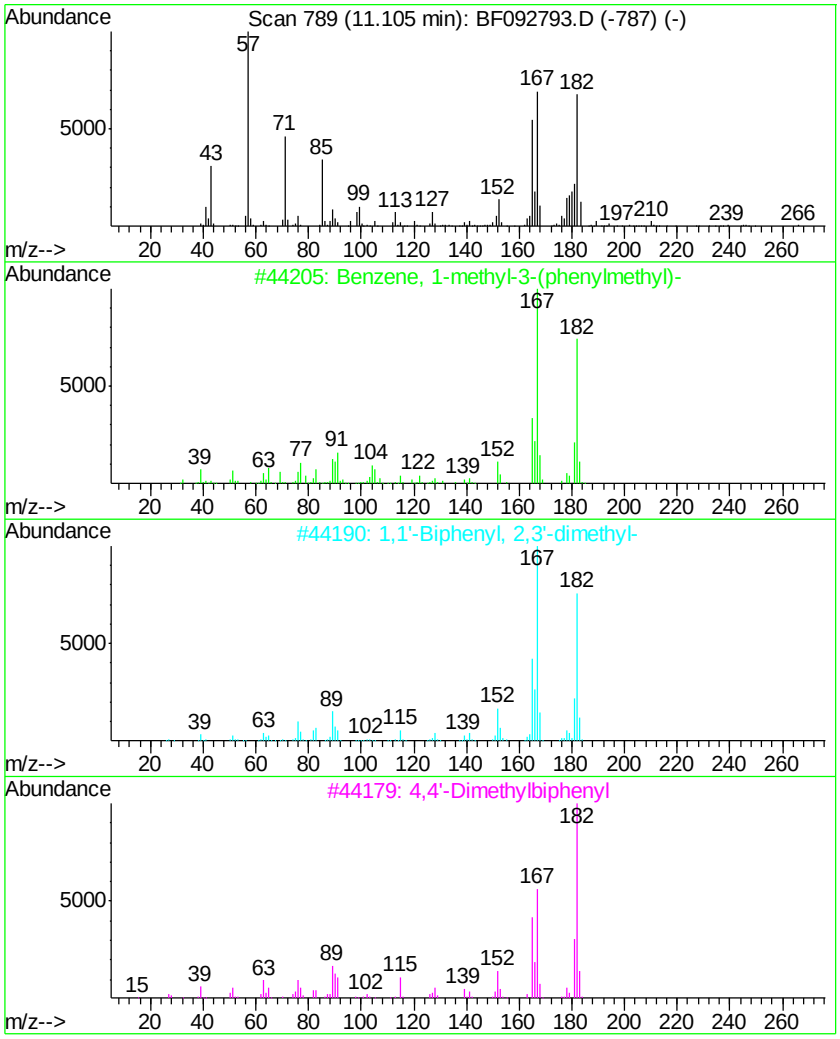
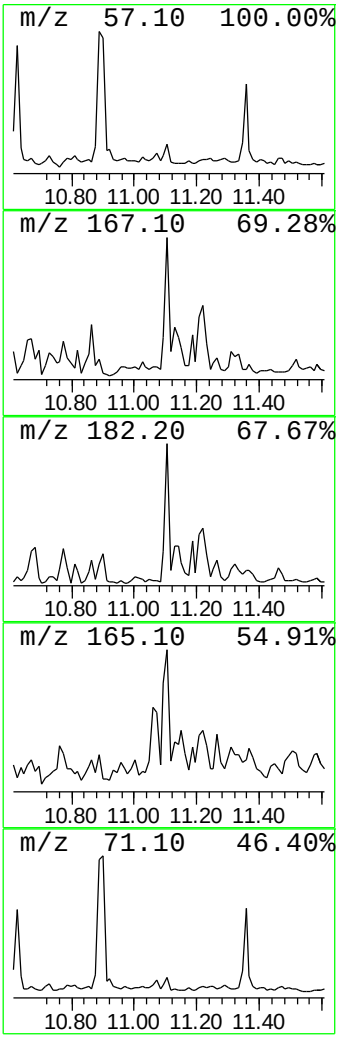
Peak Number 15 Benzene, 1-methyl-3-(phenyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	8.53 ng	610822	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	55
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	55
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
4	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	55
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	50





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Instrument : BNA_F
ClientSampleId : N-1A

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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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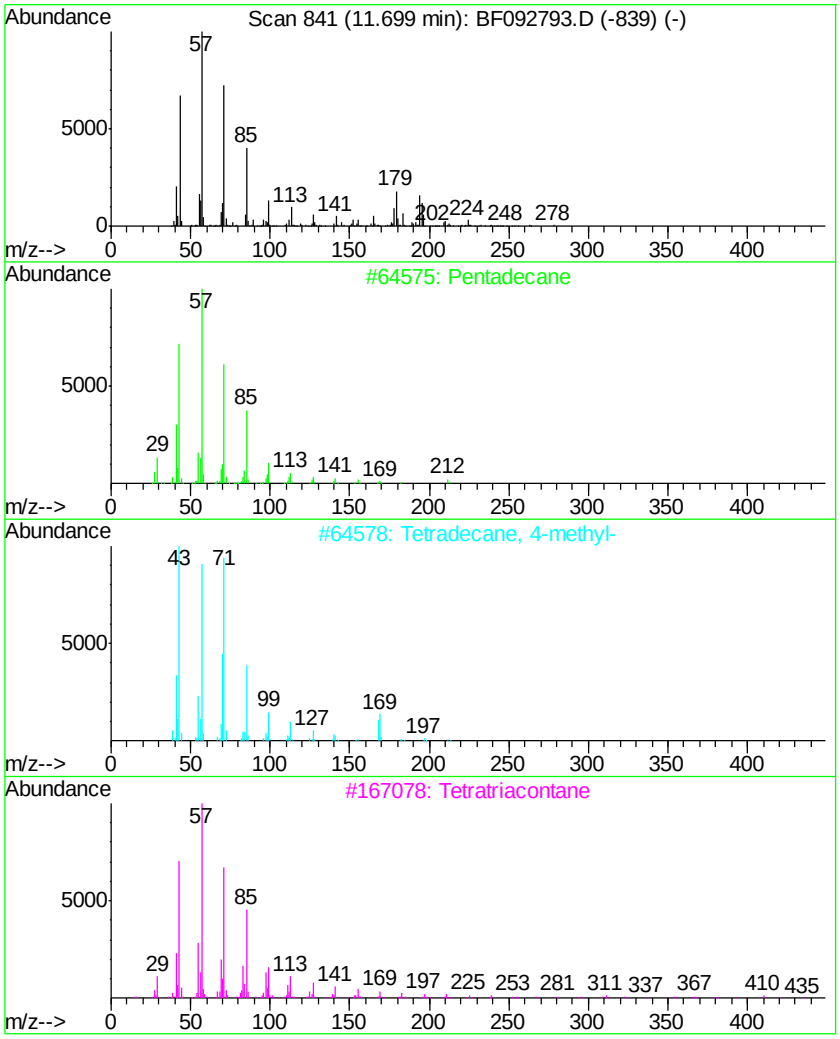
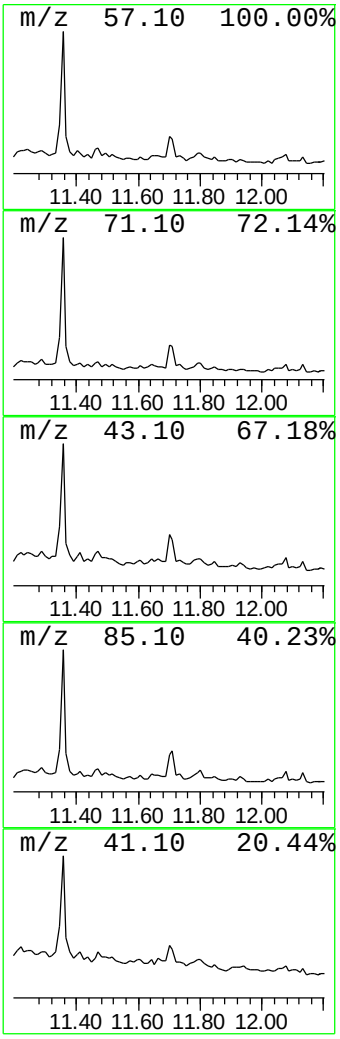
Peak Number 17 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	13.98 ng	1000590	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	62
3	Tetratriacontane	479	C34H70	014167-59-0	58
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	58
5	Tetracosane	338	C24H50	000646-31-1	58





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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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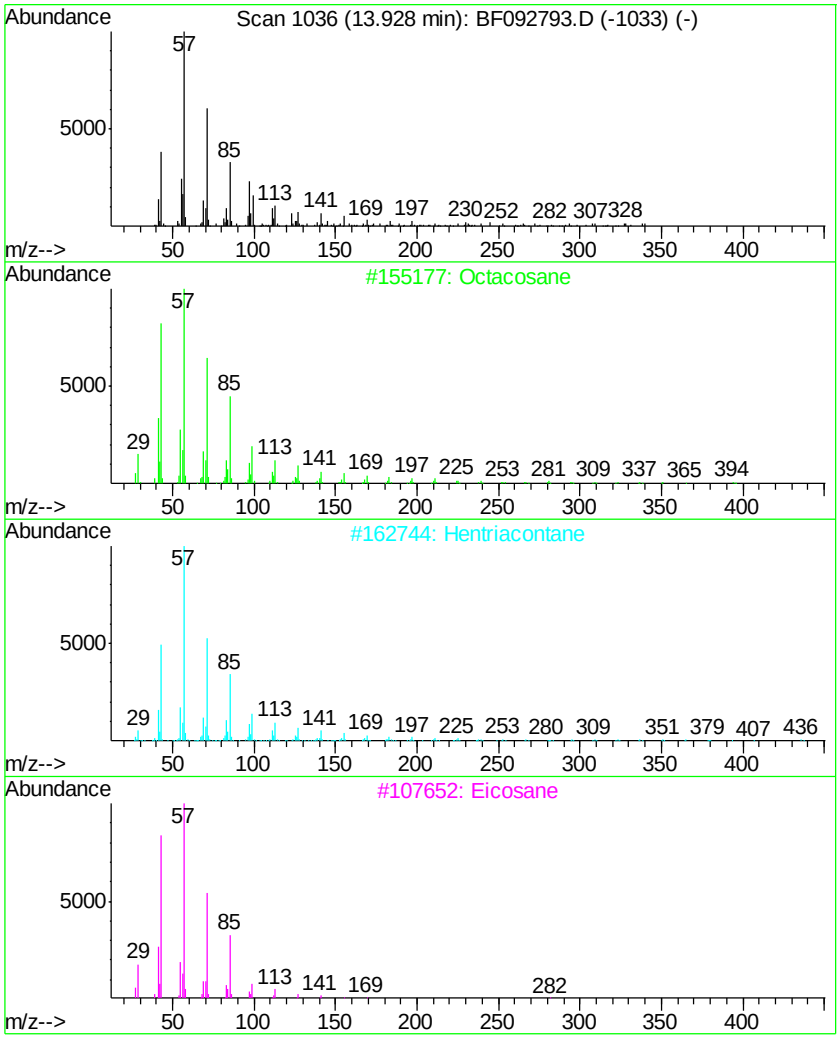
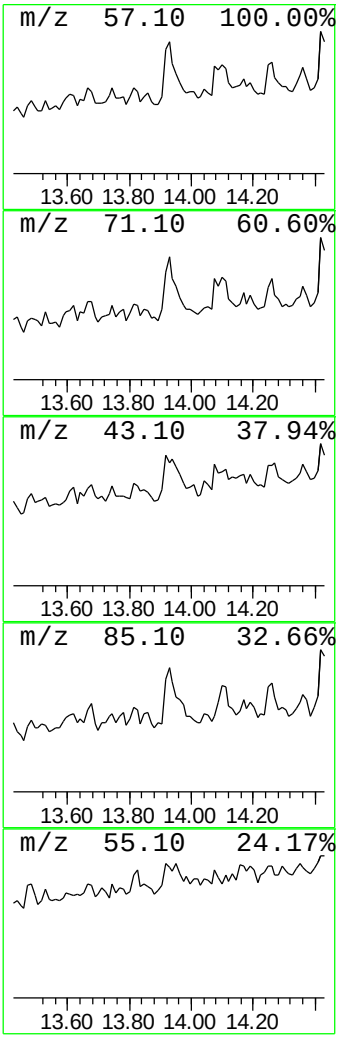
Peak Number 18 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	9.43 ng	452885	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	74
2	Hentriacontane	437	C31H64	000630-04-6	74
3	Eicosane	282	C20H42	000112-95-8	70
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	68





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Misc :
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Instrument : BNA_F
ClientSampleId : N-1A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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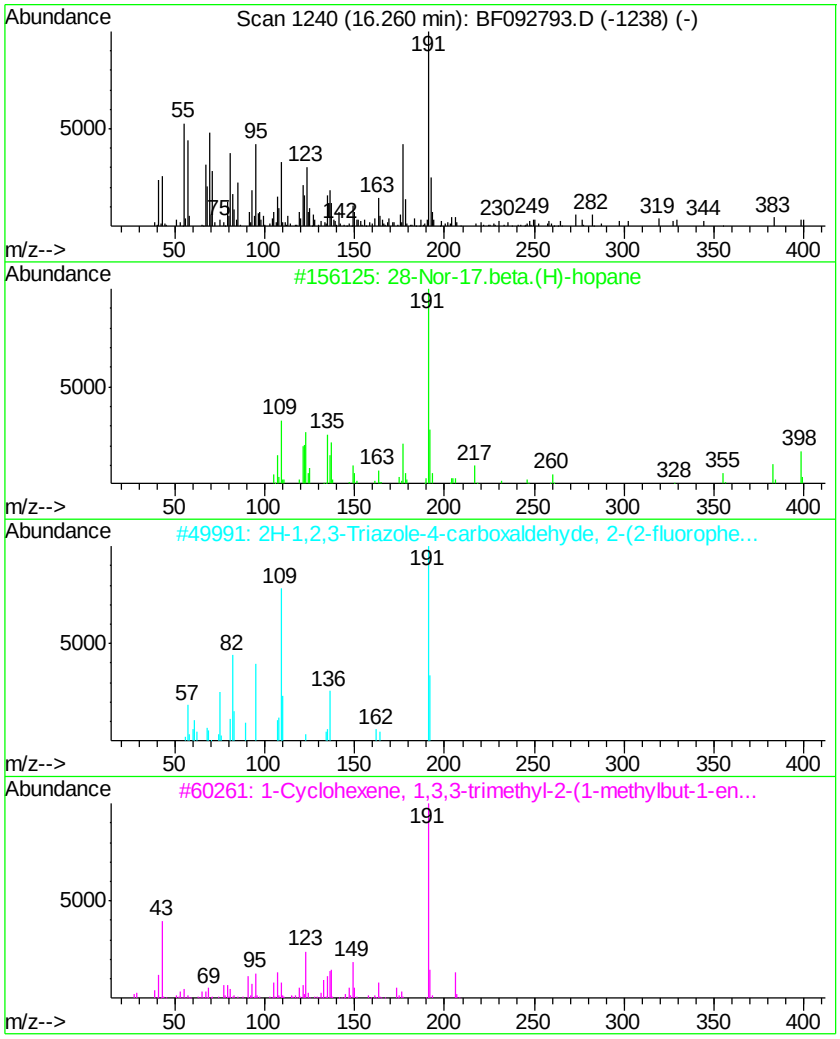
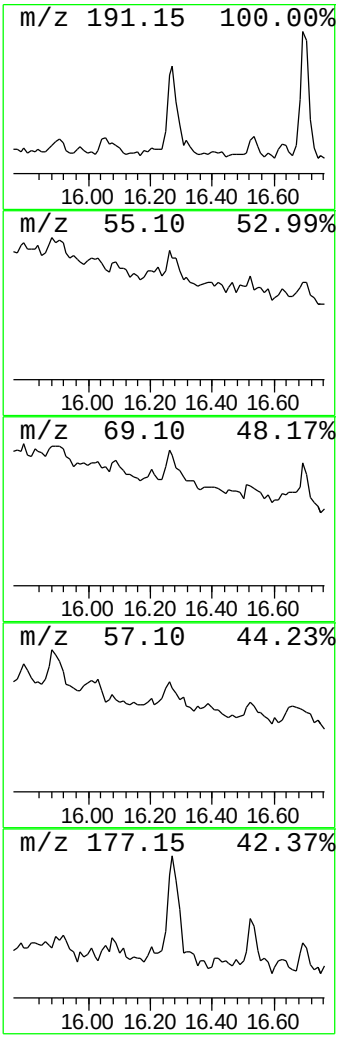
Peak Number 19 28-Nor-17.beta.(H)-hopane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	11.51 ng	571113	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	59
2	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	37
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	35
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35
5	4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092793.D
Acq On : 3 Feb 2017 23:28
Operator : SJ/MA
Sample : I1685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

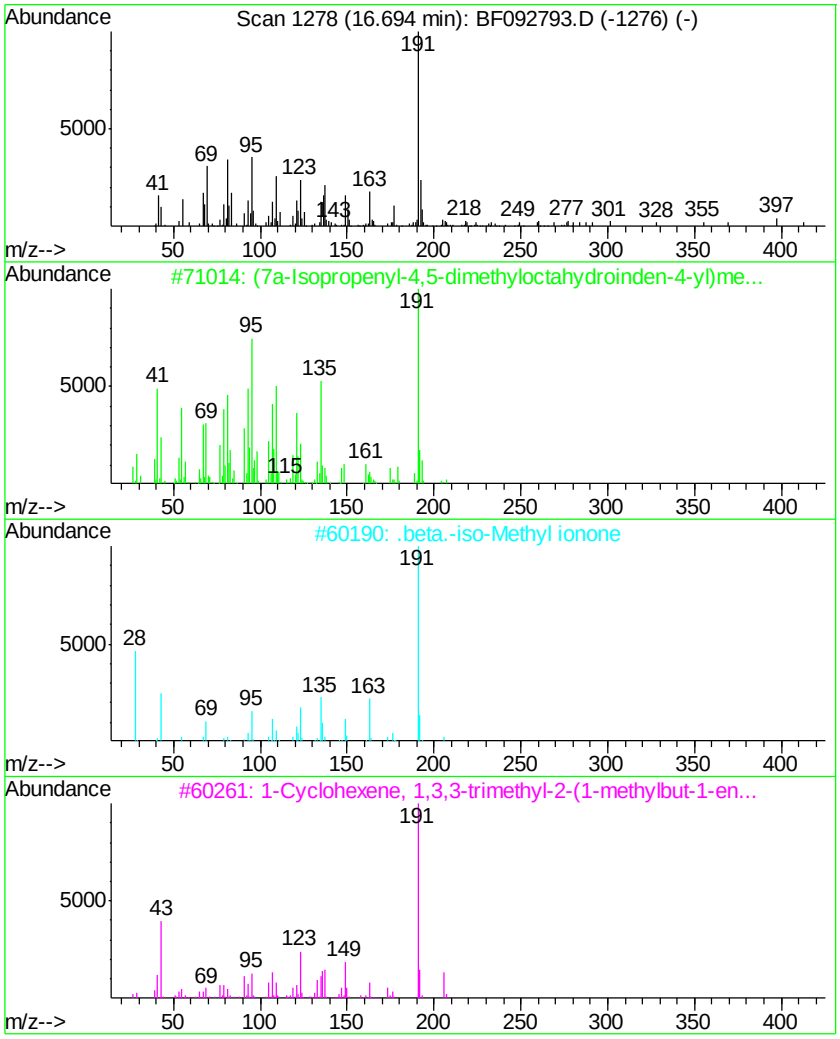
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

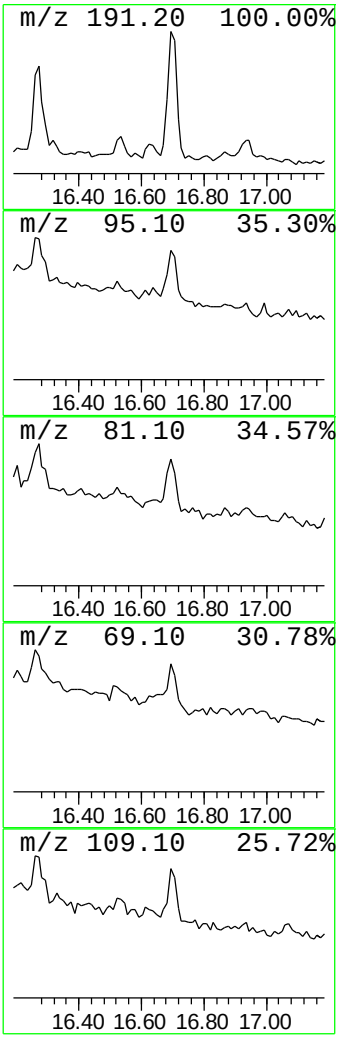
****

Peak Number 20 (7a-Isopropenyl-4,5-dimethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	7.88 ng	390863	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	53
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	53
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	50
4	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
5	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092793.D
Acq On : 3 Feb 2017 23:28
Operator : SJ/MA
Sample : I1685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-1A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
2-Pentanone, 4-hy...	5.10	49.9	ng	2313450	1	6.92	926422	20.0
Octane, 2,6-dimet...	6.16	11.9	ng	549613	1	6.92	926422	20.0
Cyclohexane, 1,1,...	6.45	8.0	ng	369241	1	6.92	926422	20.0
unknown6.69	6.69	80.5	ng	3730850	1	6.92	926422	20.0
Decane, 2-methyl-	8.64	13.9	ng	710397	2	8.21	1022740	20.0
Heptadecane, 2,6,...	9.23	11.5	ng	1003380	3	9.97	1738420	20.0
Decane, 6-ethyl-2...	9.38	7.8	ng	678376	3	9.97	1738420	20.0
Naphthalene, 1,4-...	9.63	14.7	ng	1279520	3	9.97	1738420	20.0
Naphthalene, 1,4,...	10.17	9.6	ng	835100	3	9.97	1738420	20.0
Undecane, 2,3-dim...	10.22	13.2	ng	1147180	3	9.97	1738420	20.0
Naphthalene, 2,3,...	10.38	9.3	ng	805848	3	9.97	1738420	20.0
Tridecane	10.62	29.9	ng	2601080	3	9.97	1738420	20.0
Tridecane, 2-methyl-	10.89	65.2	ng	4663810	4	11.46	1431360	20.0
Benzene, 1-methyl...	11.11	8.5	ng	610822	4	11.46	1431360	20.0
Pentadecane	11.70	14.0	ng	1000590	4	11.46	1431360	20.0
Octacosane	13.93	9.4	ng	452885	5	14.10	960896	20.0
28-Nor-17.beta.(H...	16.26	11.5	ng	571113	6	15.57	992010	20.0
(7a-Isopropenyl-4...	16.69	7.9	ng	390863	6	15.57	992010	20.0