LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075533.D
Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

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-BF111214.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	1.613	43	46	49	rBV	4098033	4476820	30.31%	1.221%
2	2.836	145	153	157	rBV	719754	1469084	9.95%	0.401%
3	3.441	200	206	210	rBV	965020	2180701	14.76%	0.595%
4	3.624	217	222	226	rBV	803854	1747181	11.83%	0.477%
5	3.864	239	243	248	rBV2	2090544	5105404	34.56%	1.392%
6	4.047	255	259	263	rBV	1739139	3216131	21.77%	0.877%
7	4.230	270	275	278	rBV	2301437	3811892	25.81%	1.040%
8	4.481	293	297	300	rVB	700383	1303735	8.83%	0.356%
9	4.641	308	311	315	rBV2	1117323	1966480	13.31%	0.536%
10	5.019	342	344	347	rBV	1019366	1467155	9.93%	0.400%
11	5.156	353	356	359	rVB	3216020	5338916	36.14%	1.456%
12	5.224	359	362	363	rBV2	844858	1514543	10.25%	0.413%
13	5.270	363	366	370	rVB3	3094793	6932277	46.93%	1.891%
14	5.350	370	373	375	rBV	5214299	6904688	46.75%	1.883%
15	5.430	375	380	382	rVB2	589510	1348470	9.13%	0.368%
16	5.602	391	395	396	rBV	3605352	5382597	36.44%	1.468%
17	5.647	396	399	400	rVV2	664778	1234691	8.36%	0.337%
18	5.682	400	402	403	rVV	1175926	1800658	12.19%	0.491%
19	5.704	403	404	406	rVB	3389622	4012017	27.16%	1.094%
20	5.830	411	415	418	rBV3	6228521	14770847	100.00%	4.029%
21	5.944	421	425	426	rVB2	955809	1750632	11.85%	0.477%
22	6.036	431	433	436	rBV2	2879444	5286703	35.79%	1.442%
23	6.093	436	438	440	rVB	2801440	2780255	18.82%	0.758%
24	6.150	440	443	447	rVB2	1658482	3940765	26.68%	1.075%
25	6.344	456	460	463	rVB3	2243402	4685288	31.72%	1.278%
26	6.413	463	466	468	rBV2	1987051	4258282	28.83%	1.161%
27	6.516	471	475	478	rVB2	4684705	6870027	46.51%	1.874%
28	6.584	478	481	484	rBV2	1749307	3252061	22.02%	0.887%
29	6.642	484	486	490	rVV2	8893702	13674037	92.57%	3.729%
30	6.710	490	492	493	rVV	3208954	3794970	25.69%	1.035%
31	6.744	493	495	497	rVV2	860376	1934293	13.10%	0.528%
32	6.870	502	506	510	rBV4	2933973	7004348	47.42%	1.910%
33	6.950	510	513	514	rVV3	4881697	7840100	53.08%	2.138%
34	6.973	514	515	517	rVV	5116922	7508697	50.83%	2.048%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075533.D
Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

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-BF111214.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.019	517	519	521	rVB	2834759	3502912	23.72%	0.955%
36	7.065	521	523	527	rBV3	3514066	7243421	49.04%	1.976%
37	7.122	527	528	529	rVV	1026253	1244882	8.43%	0.340%
38	7.167	529	532	535	rVB4	1916713	4791060	32.44%	1.307%
39	7.259	535	540	546	rBV7	2434799	9602540	65.01%	2.619%
40	7.339	546	547	549	rVV	4074386	6006500	40.66%	1.638%
41	7.385	549	551	552	rVV	1159171	1396039	9.45%	0.381%
42	7.499	557	561	562	rVV2	1364296	3519416	23.83%	0.960%
43	7.545	564	565	567	rVV2	2242156	2934015	19.86%	0.800%
44	7.590	567	569	571	rVV2	6224723	7760673	52.54%	2.117%
45	7.625	571	572	578	rVV3	3174081	6768523	45.82%	1.846%
46	7.716	578	580	581	rVV	2093845	3263940	22.10%	0.890%
47	7.739	581	582	585	rVV3	4000361	6457096	43.72%	1.761%
48	7.899	593	596	599	rVV3	3501098	7565699	51.22%	2.063%
49	7.956	599	601	602	rVV2	3104747	4316368	29.22%	1.177%
50	7.990	602	604	607	rVV2	1571598	2823987	19.12%	0.770%
51	8.047	607	609	610	rVV2	2636387	3977310	26.93%	1.085%
52	8.082	610	612	615	rVV2	836776	1791834	12.13%	0.489%
53	8.139	615	617	618	rVV	960068	1516200	10.26%	0.414%
54	8.162	618	619	620	rVV	1689108	1490113	10.09%	0.406%
55	8.219	620	624	625	rVV2	2859929	5367465	36.34%	1.464%
56	8.276	627	629	633	rVV3	1449142	2891296	19.57%	0.789%
57	8.356	633	636	638	rVV4	2126536	4321546	29.26%	1.179%
58	8.402	638	640	642	rVV2	1348099	2364535	16.01%	0.645%
59	8.447	642	644	646	rVV	2522945	3483787	23.59%	0.950%
60	8.505	646	649	650	rVV3	1539322	2743677	18.57%	0.748%
61	8.539	650	652	656	rVV2	3394390	5284242	35.77%	1.441%
62	8.596	656	657	660	rVV2	876564	1685470	11.41%	0.460%
63	8.688	660	665	666	rVV3	2591729	5471825	37.04%	1.492%
64	8.710	666	667	670	rVV3	1123778	2197087	14.87%	0.599%
65	8.756	670	671	673	rVV2	2018035	3055254	20.68%	0.833%
66	8.802	673	675	678	rVV3	2181507	4249734	28.77%	1.159%
67	8.859	678	680	682	rVV2	1451327	2149336	14.55%	0.586%
68	8.905	682	684	689	rVV4	2070296	4289130	29.04%	1.170%
69	8.985	689	691	692	rVV	878984	1347647	9.12%	0.368%
70	9.088	696	700	701	rVV3	1244194	2799338	18.95%	0.763%
71	9.133	701	704	706	rVV3	1941362	4617111	31.26%	1.259%

LSC Area Percent Report

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Data File : BF075533.D
Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

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-BF111214.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.168	706	707	709	rVV2	1298092	2189193	14.82%	0.597%
73	9.202	709	710	711	rVV	1411842	1490432	10.09%	0.407%
74	9.236	711	713	714	rVV	5011682	5005628	33.89%	1.365%
75	9.259	714	715	717	rVV2	1073568	1775510	12.02%	0.484%
76	9.350	720	723	726	rBV3	1091599	2616781	17.72%	0.714%
77	9.396	726	727	730	rVV2	1968340	2224411	15.06%	0.607%
78	9.510	730	737	738	rVV5	1892601	4662401	31.56%	1.272%
79	9.545	738	740	742	rVV	1266398	2393232	16.20%	0.653%
80	9.590	742	744	745	rVV	1484608	2232725	15.12%	0.609%
81	9.625	745	747	749	rVV3	1031720	1844001	12.48%	0.503%
82	9.682	750	752	757	rVV2	4338066	6976794	47.23%	1.903%
83	9.762	757	759	762	rVV2	972467	1581768	10.71%	0.431%
84	9.819	762	764	765	rVV2	1365648	1863124	12.61%	0.508%
85	9.888	768	770	773	rVV4	800341	2267684	15.35%	0.618%
86	9.945	773	775	776	rVV2	782814	1540522	10.43%	0.420%
87	10.013	778	781	783	rVV3	2101970	3808313	25.78%	1.039%
88	10.139	790	792	795	rVV2	1264452	2081451	14.09%	0.568%
89	10.242	799	801	802	rVV2	1037468	1403143	9.50%	0.383%
90	10.276	802	804	806	rVV3	1137332	2142087	14.50%	0.584%
91	10.425	816	817	819	rVV	2289667	3082918	20.87%	0.841%
92	10.482	819	822	824	rVB	806365	1339118	9.07%	0.365%
93	10.585	829	831	832	rVV2	1274198	1721910	11.66%	0.470%
94	10.653	835	837	839	rVV2	1007995	1877540	12.71%	0.512%
95	10.802	847	850	854	rVV2	779195	2225512	15.07%	0.607%
96	10.893	856	858	859	rVV	1101994	1433035	9.70%	0.391%
97	10.928	859	861	864	rVV4	1072676	2476728	16.77%	0.676%
98	10.996	864	867	869	rVV	2239617	2880986	19.50%	0.786%
99	11.305	891	894	896	rBV3	603189	1260553	8.53%	0.344%
100	15.157	1228	1231	1235	rBV	1079385	1395846	9.45%	0.381%

Sum of corrected areas: 366649099

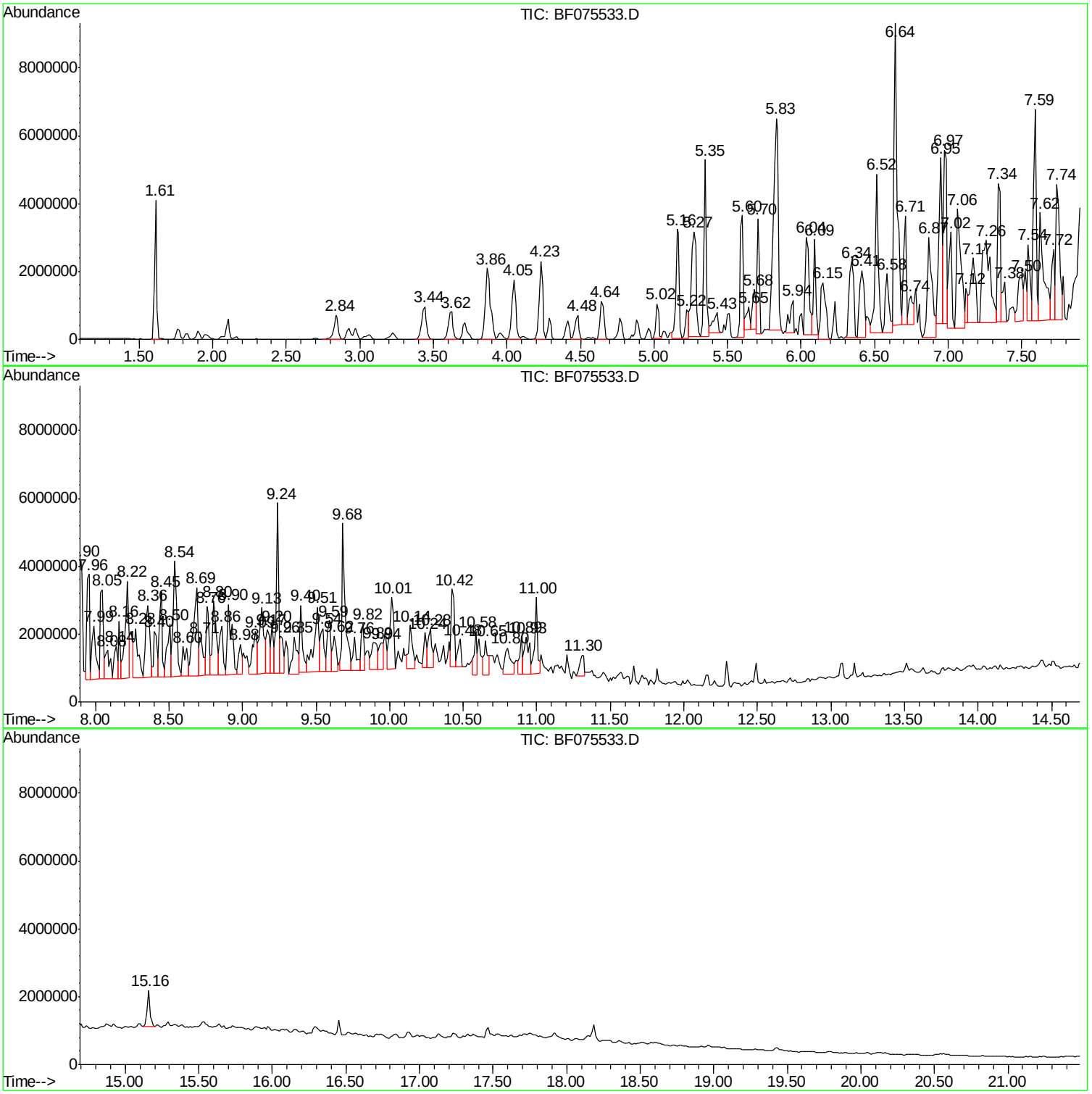
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075533.D
Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S10-0041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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\BF111414\
Data File : BF075533.D
Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

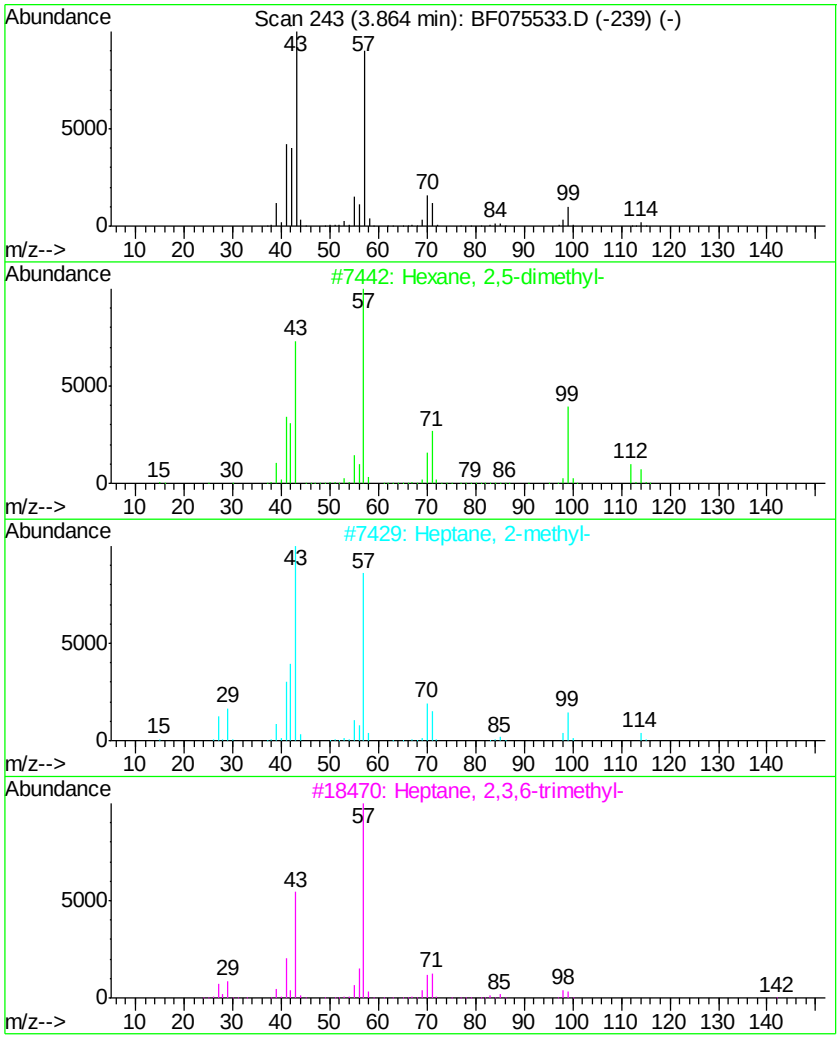
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

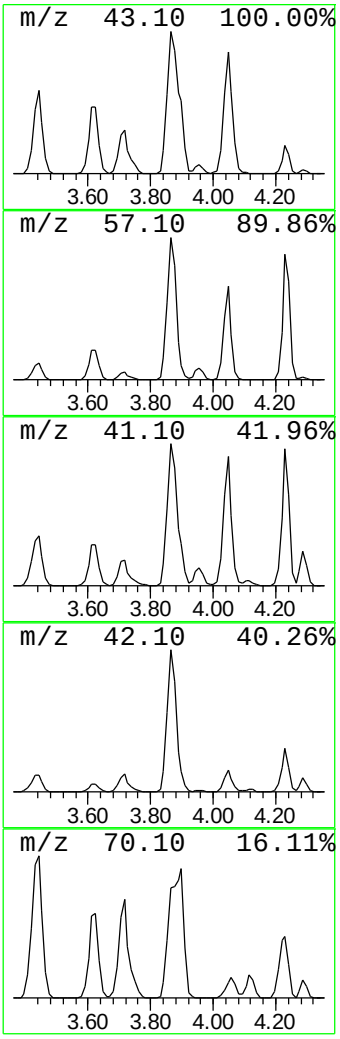
****

Peak Number 1 Hexane, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.86	34.80 ng	5105400	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
3	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	43
4	2-Piperidinone	99	C5H9NO	000675-20-7	38
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075533.D
Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

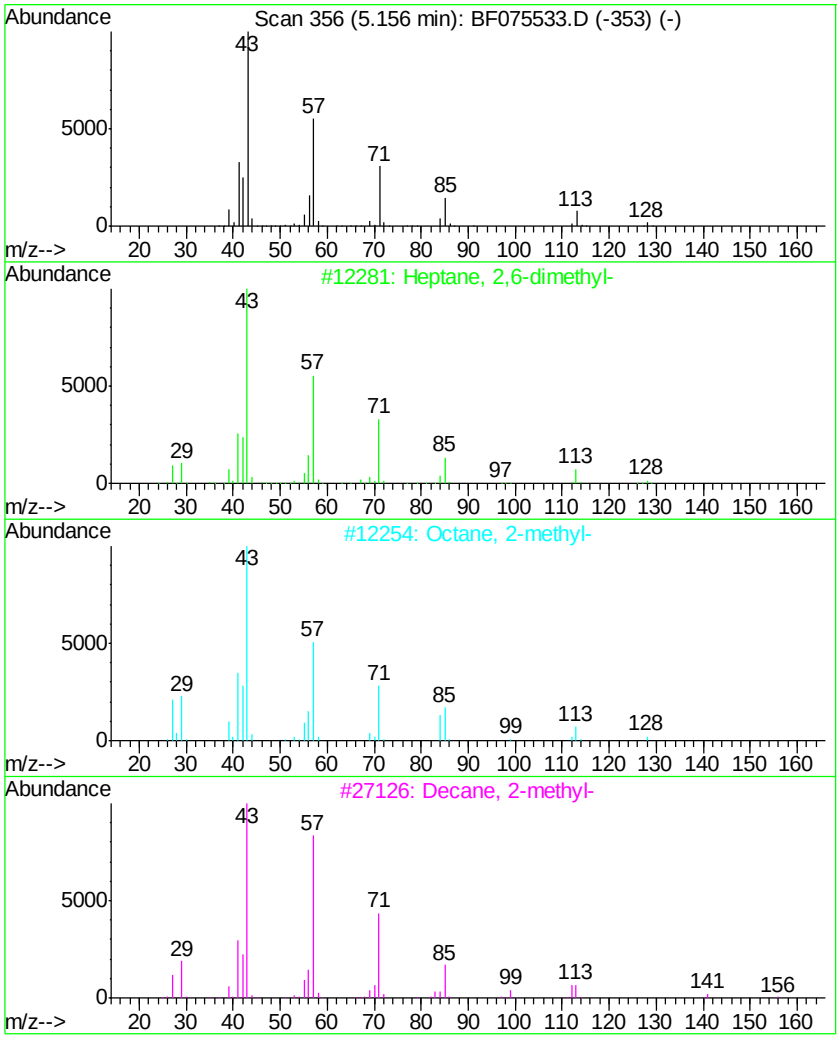
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

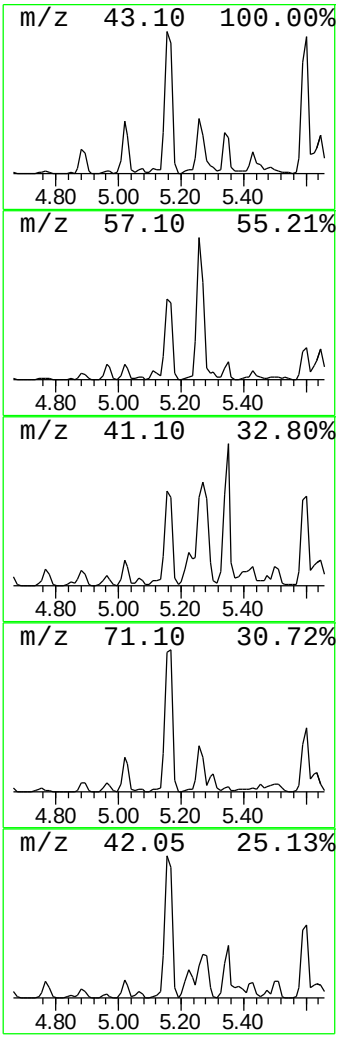
****

Peak Number 2 Heptane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	36.39 ng	5338920	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
2	Octane, 2-methyl-	128	C9H20	003221-61-2	86
3	Decane, 2-methyl-	156	C11H24	006975-98-0	78
4	Tridecane	184	C13H28	000629-50-5	53
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075533.D
Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

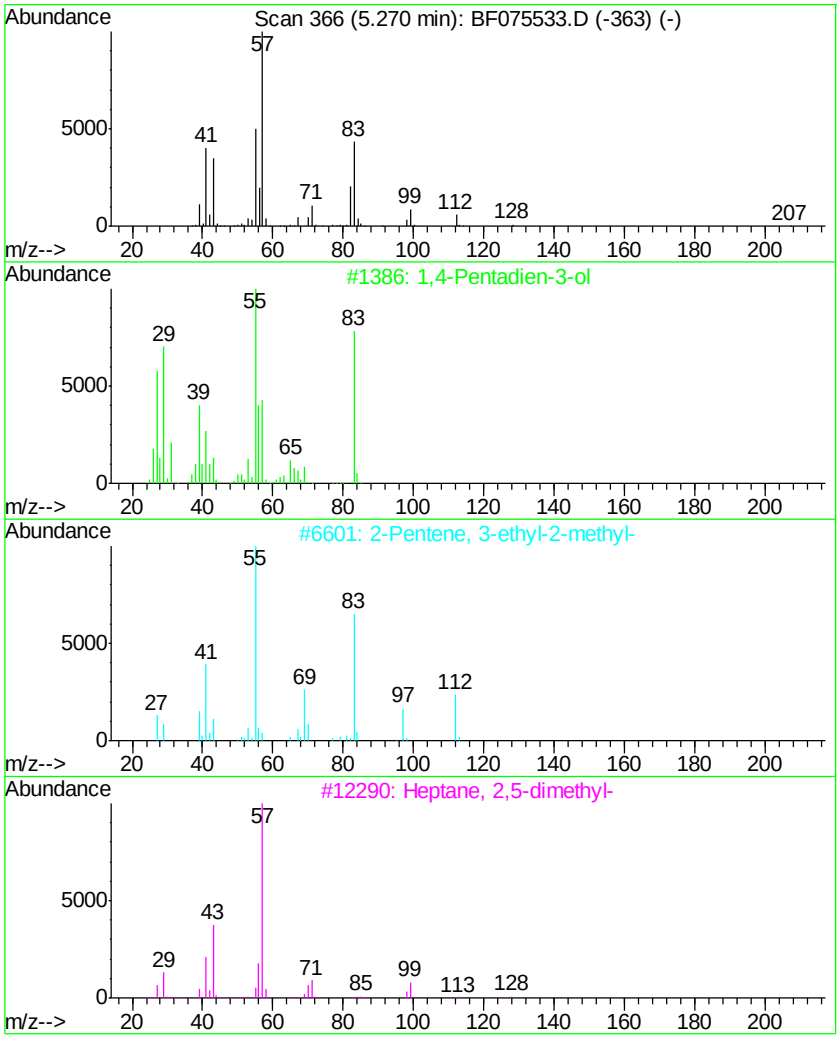
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

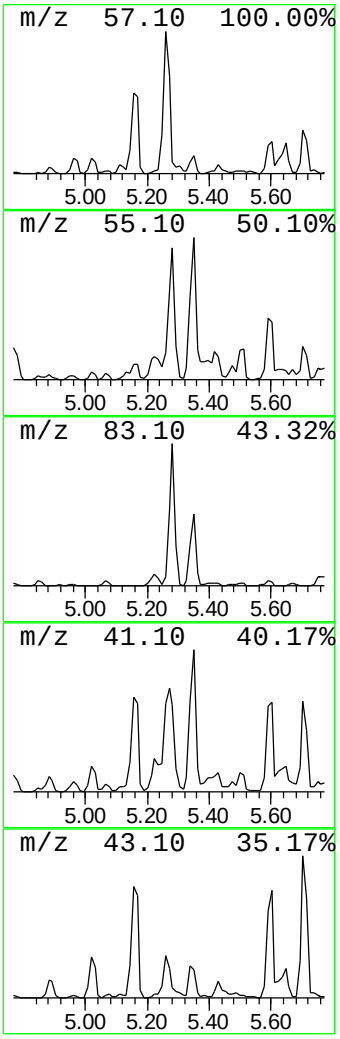
****

Peak Number 3 unknown5.27 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	47.25 ng	6932280	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	43
2	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	38
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38
4	3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	38
5	3,4-Dimethyl-2-hexene (c,t)	112	C8H16	002213-37-8	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075533.D
Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

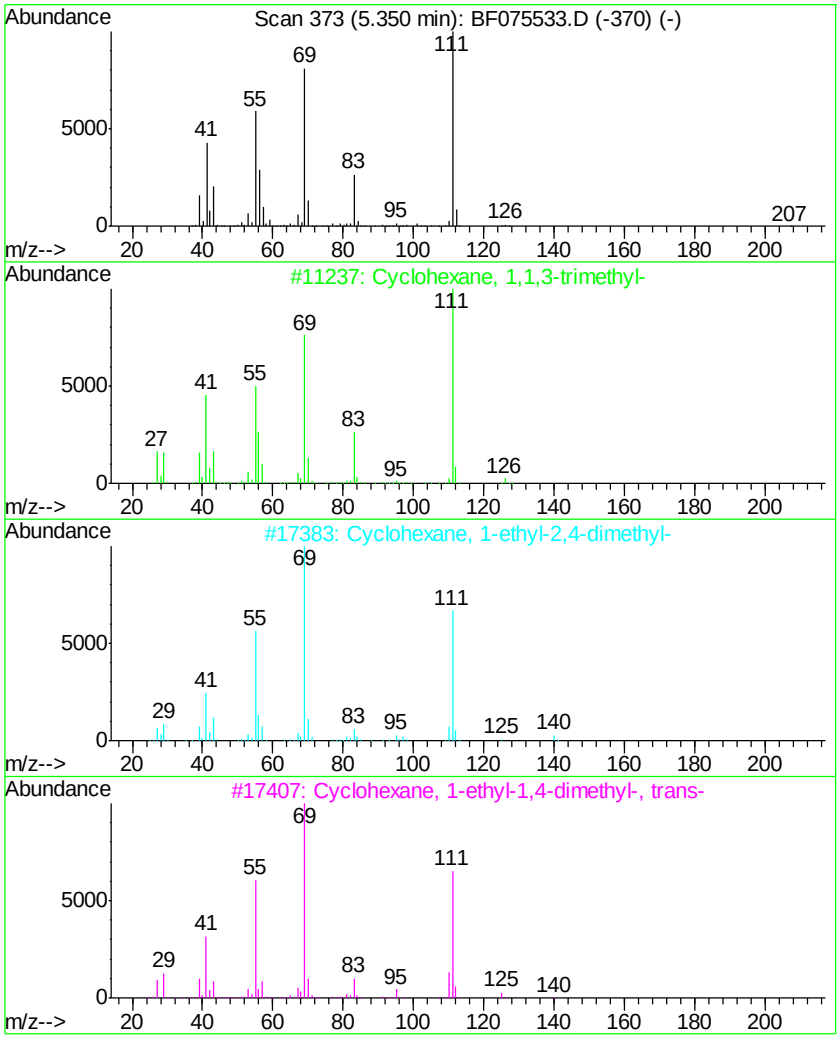
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

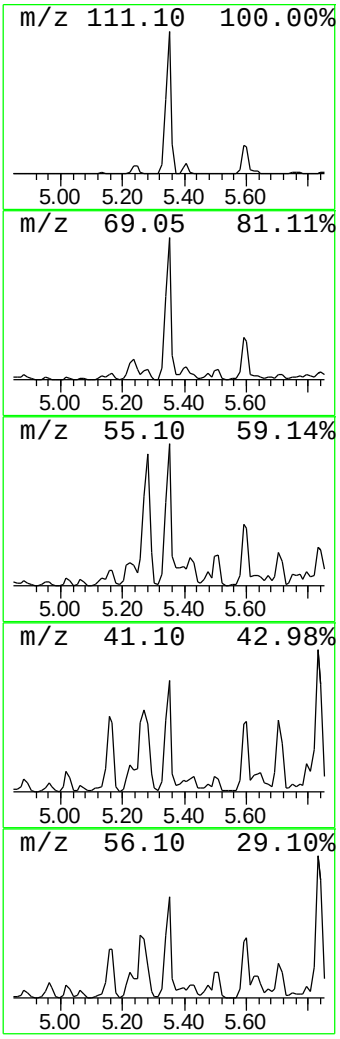
****

Peak Number 4 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	47.07 ng	6904690	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
3	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	72
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075533.D
Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

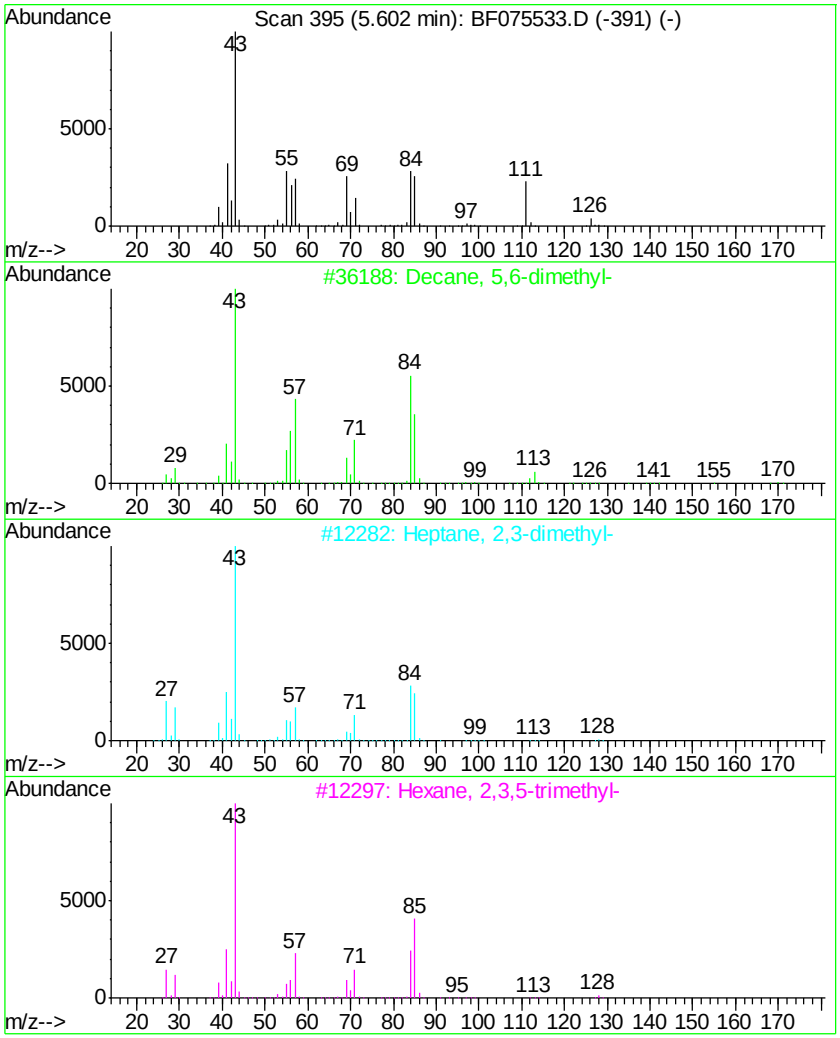
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

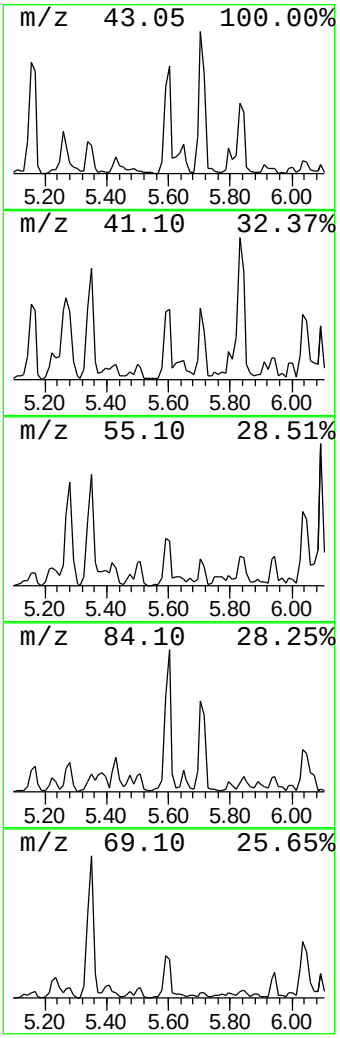
****

Peak Number 5 Decane, 5,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	36.69 ng	5382600	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	53
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	47
4	Octane	114	C8H18	000111-65-9	43
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075533.D
Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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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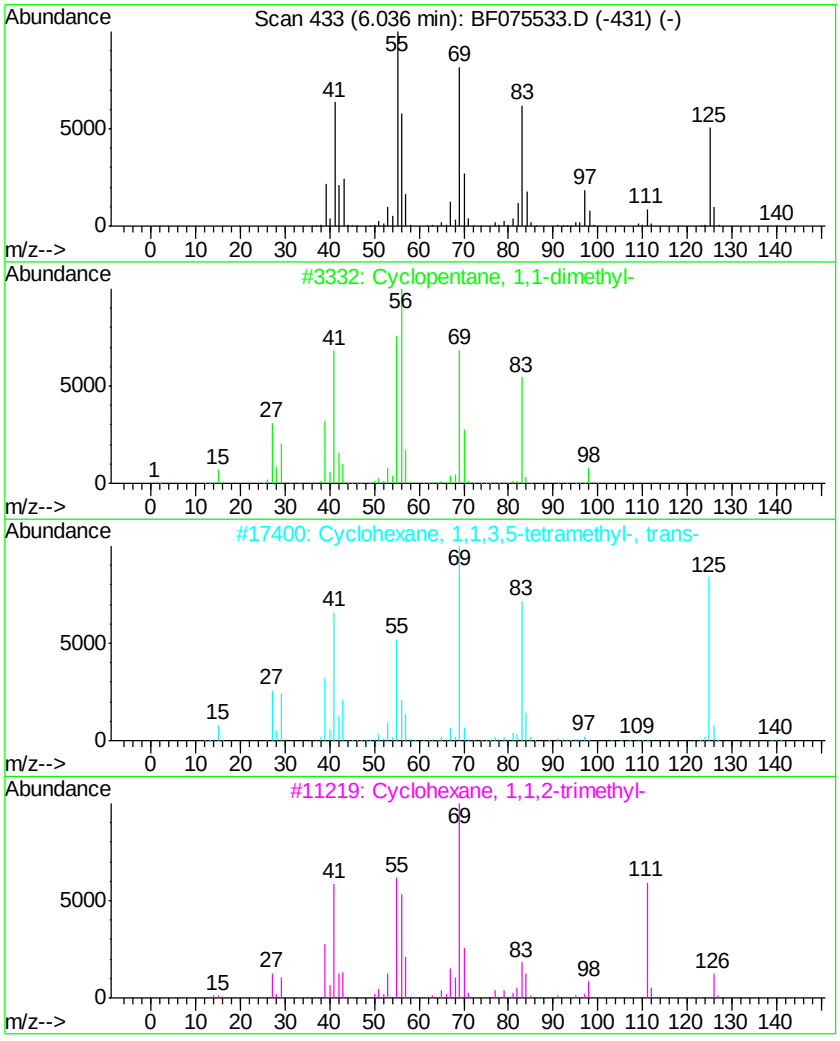
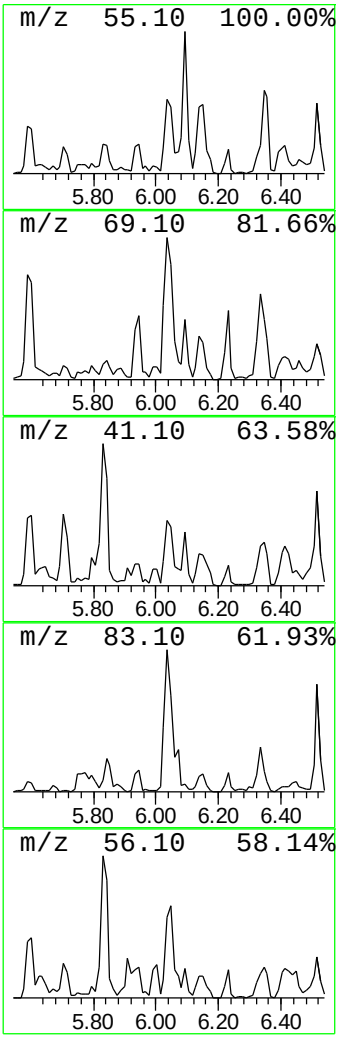
Peak Number 6 Cyclopentane, 1,1-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	36.04 ng	5286700	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	53
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	53
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	52
4	3-Nonene, (E)-	126	C9H18	020063-92-7	52
5	2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	49





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Data File : BF075533.D
Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

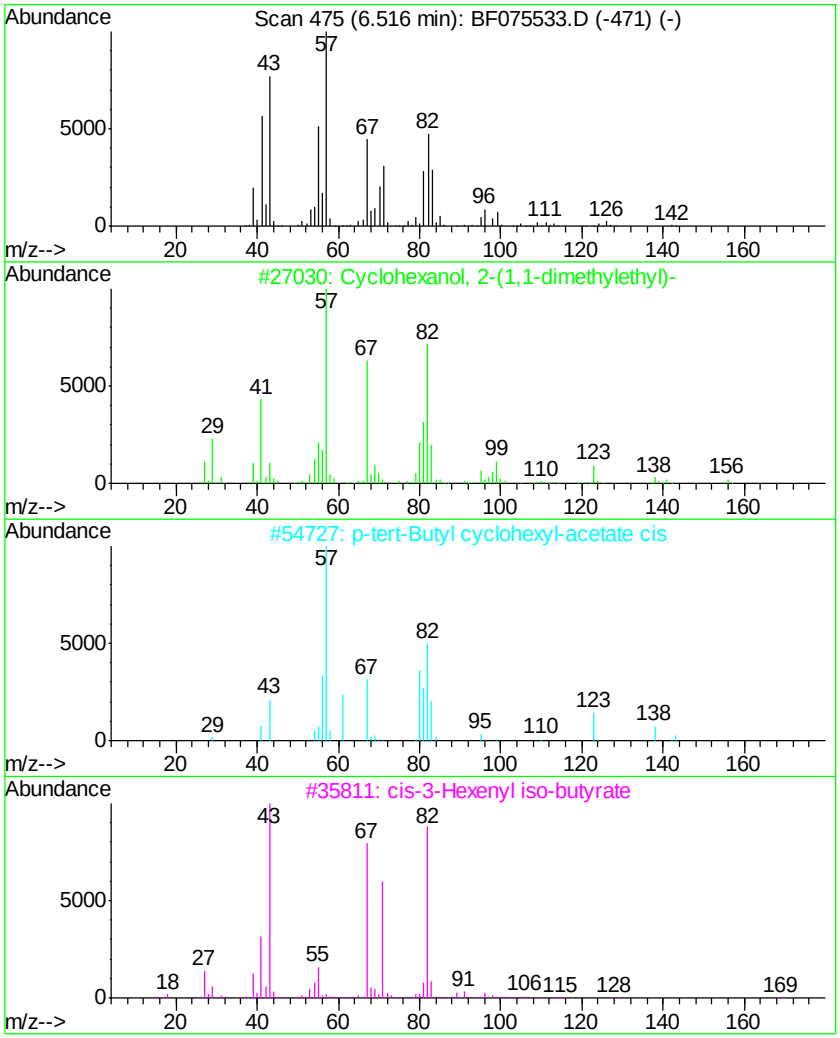
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

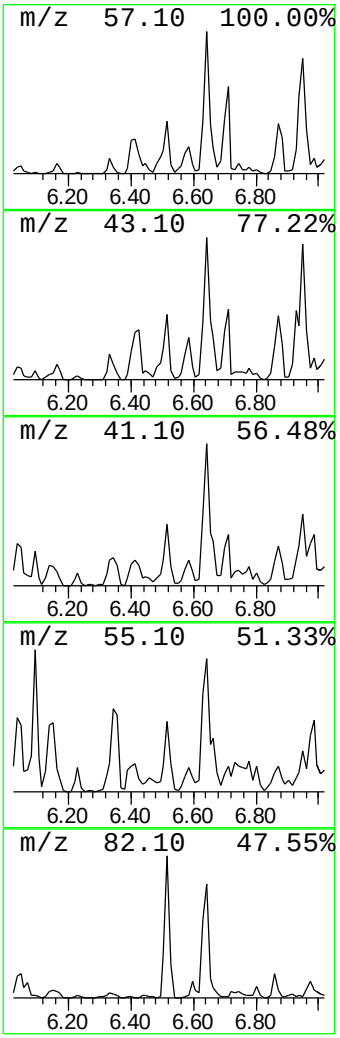
****

Peak Number 7 unknown6.52 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	46.83 ng	6870030	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2-(1,1-dimethyleth...	156	C10H20O	013491-79-7	47
2	p-tert-Butyl cyclohexyl-acetate cis	198	C12H22O2	010411-92-4	47
3	cis-3-Hexenyl iso-butyrate	170	C10H18O2	041519-23-7	47
4	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	47
5	4,4-Dimethyl-cyclohex-2-en-1-ol	126	C8H14O	1000143-72-5	45





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Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

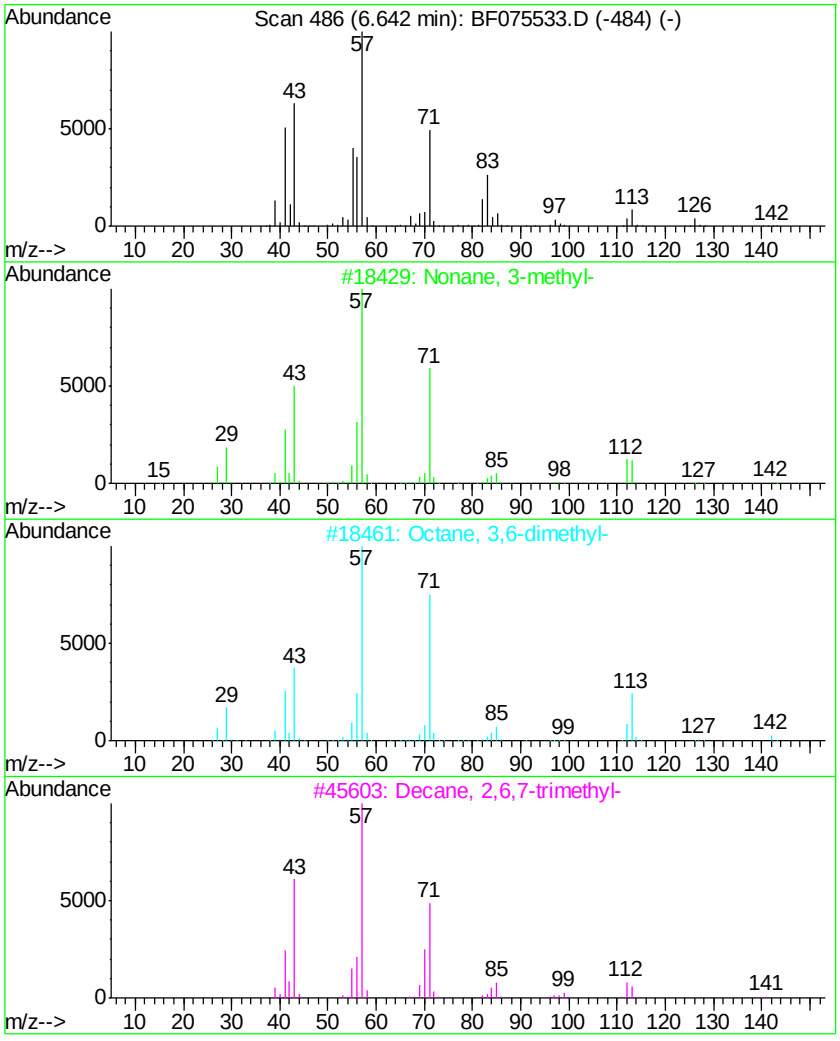
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

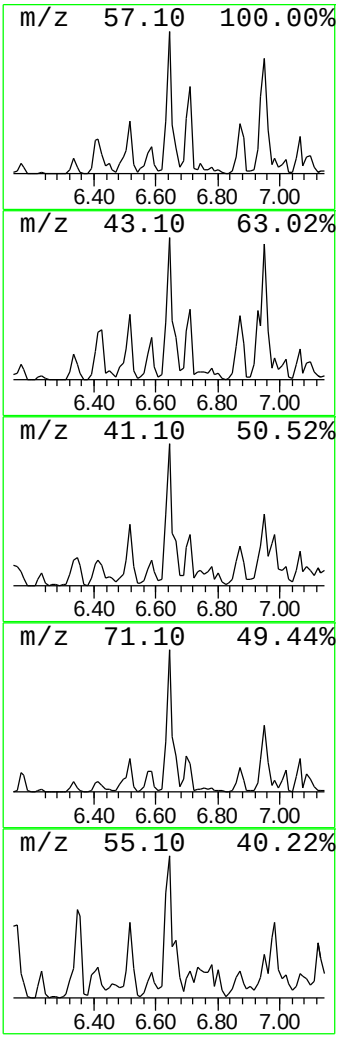
****

Peak Number 8 Nonane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	93.21 ng	13674000	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	70
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	59
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59





Library Search Compound Report

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Data File : BF075533.D
Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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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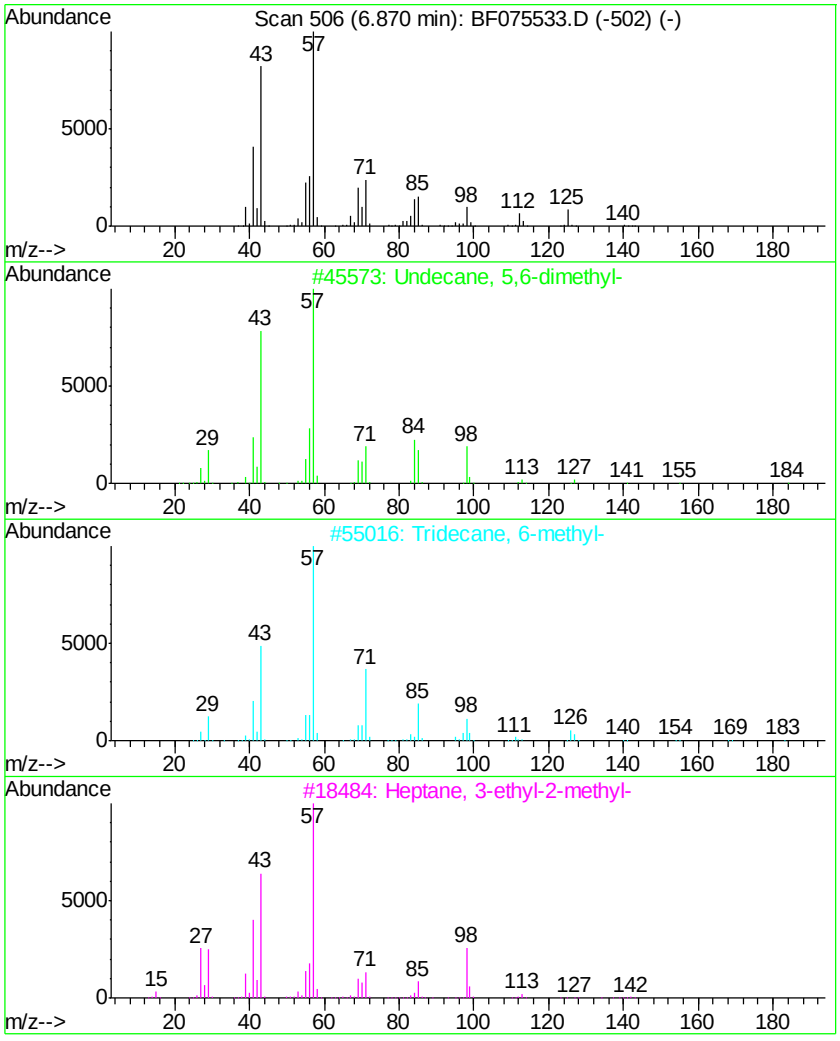
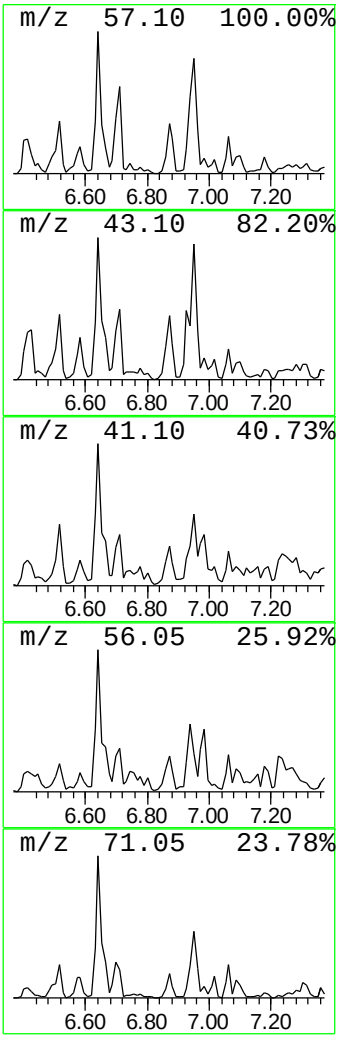
Peak Number 9 Undecane, 5,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	47.75 ng	7004350	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	72
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	58
5	Decane, 5-methyl-	156	C11H24	013151-35-4	53





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Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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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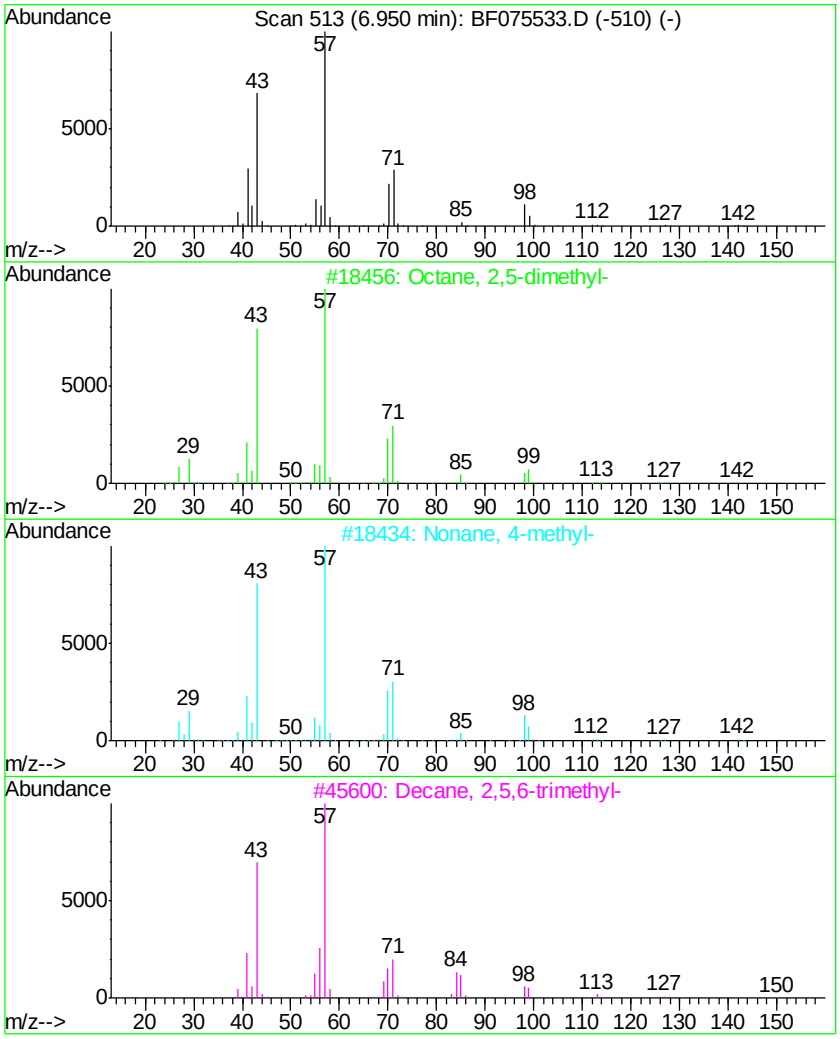
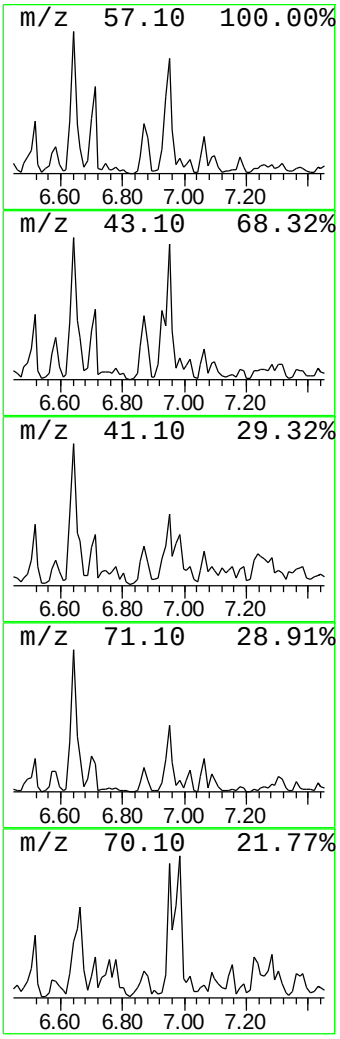
Peak Number 10 Octane, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	53.44 ng	7840100	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	80
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	72
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59





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Operator : TP / JJ
Sample : F4724-01
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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

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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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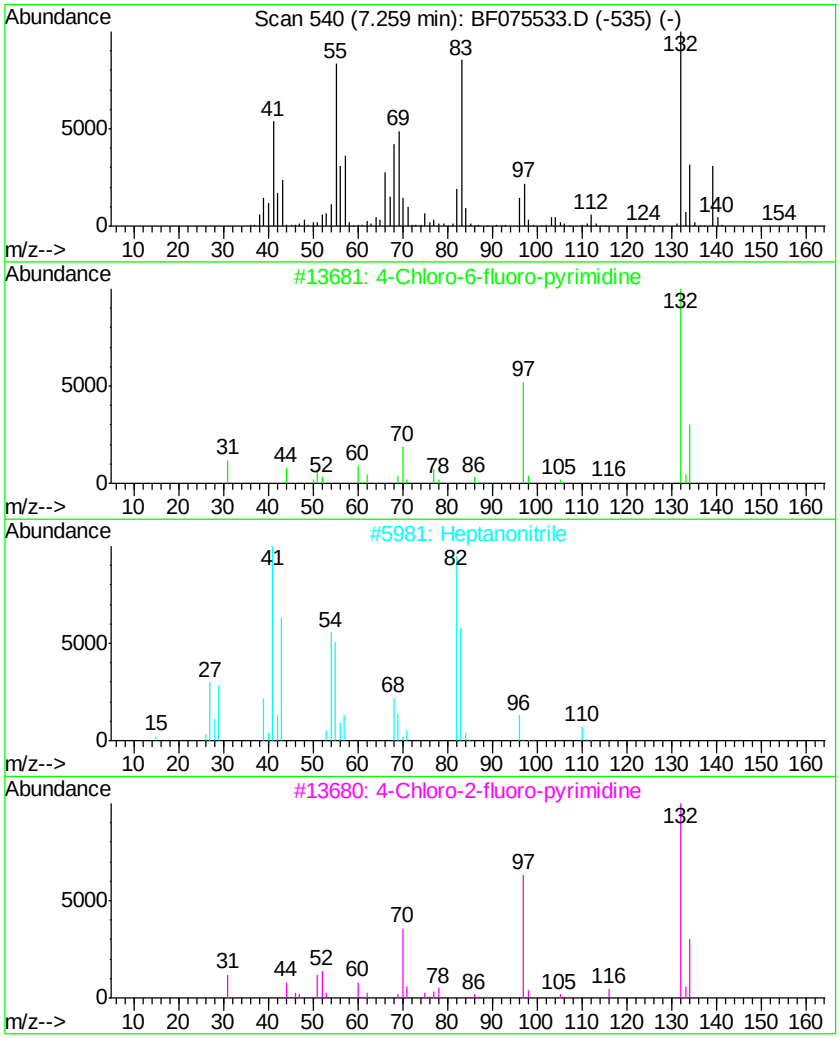
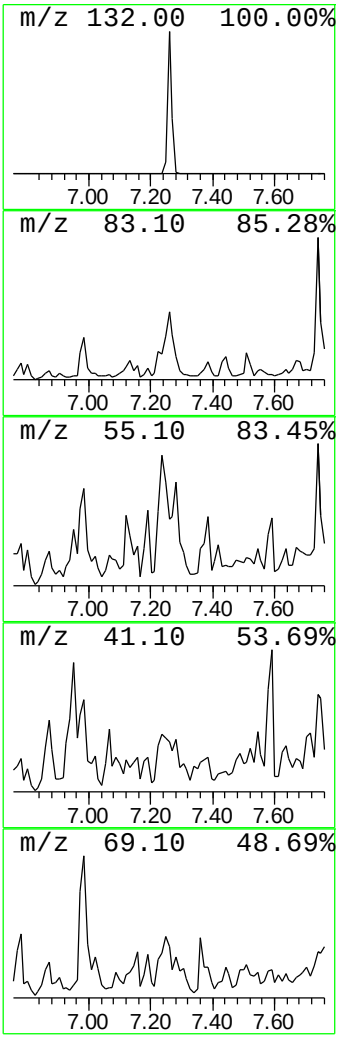
Peak Number 13 unknown7.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	65.46 ng	9602540	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	18
2	Heptanonitrile	111	C7H13N	000629-08-3	14
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	14
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	14
5	Oxalic acid, di-(-)-menthyl ester	366	C22H38O4	1000158-45-3	14





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Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

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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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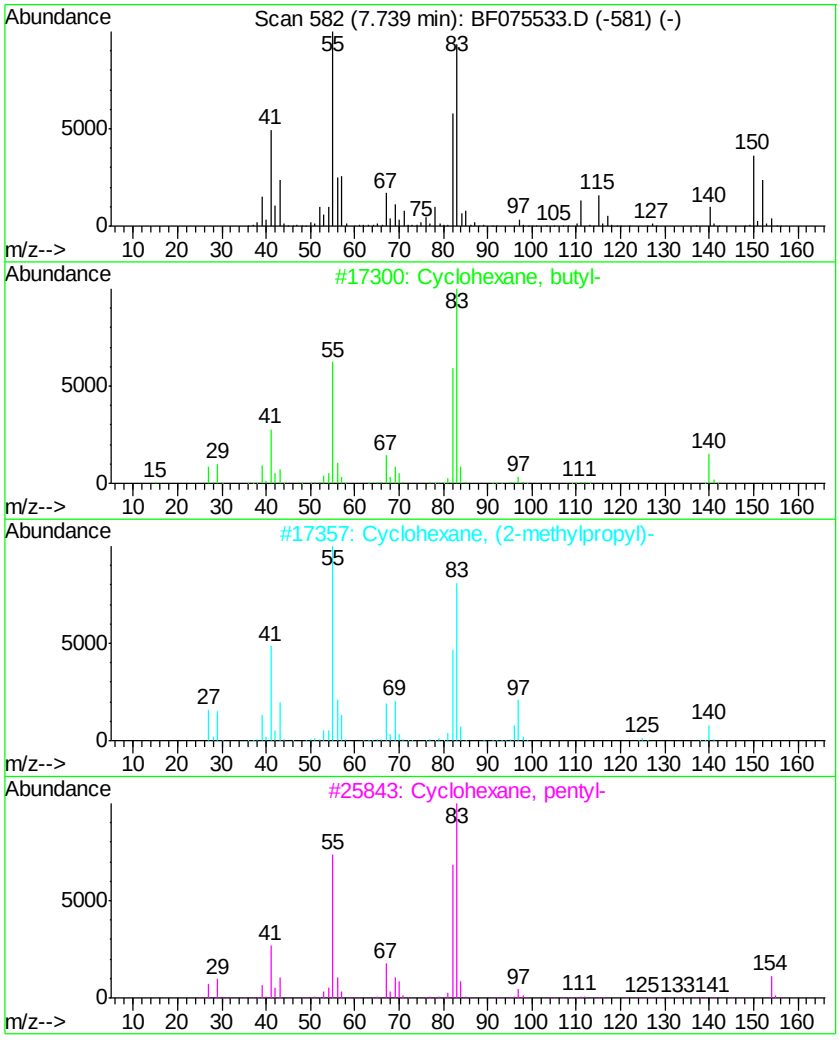
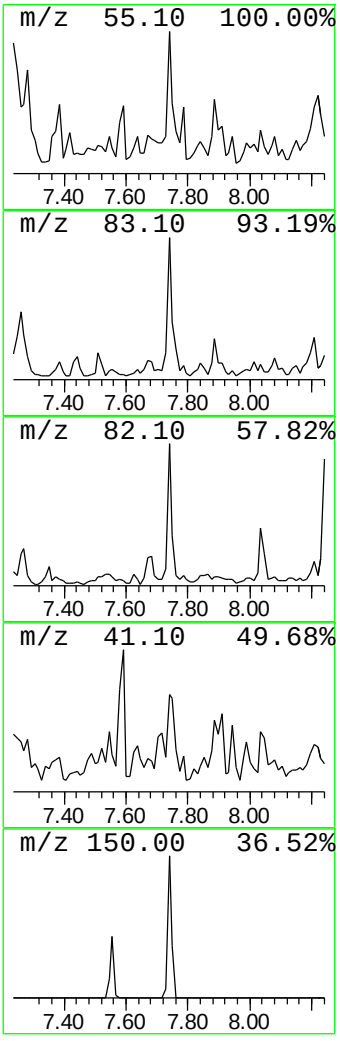
Peak Number 16 Cyclohexane, butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	44.02 ng	6457100	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	70
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
4	n-Amylcyclohexane	154	C11H22	029949-27-7	52
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	50





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Sample : F4724-01
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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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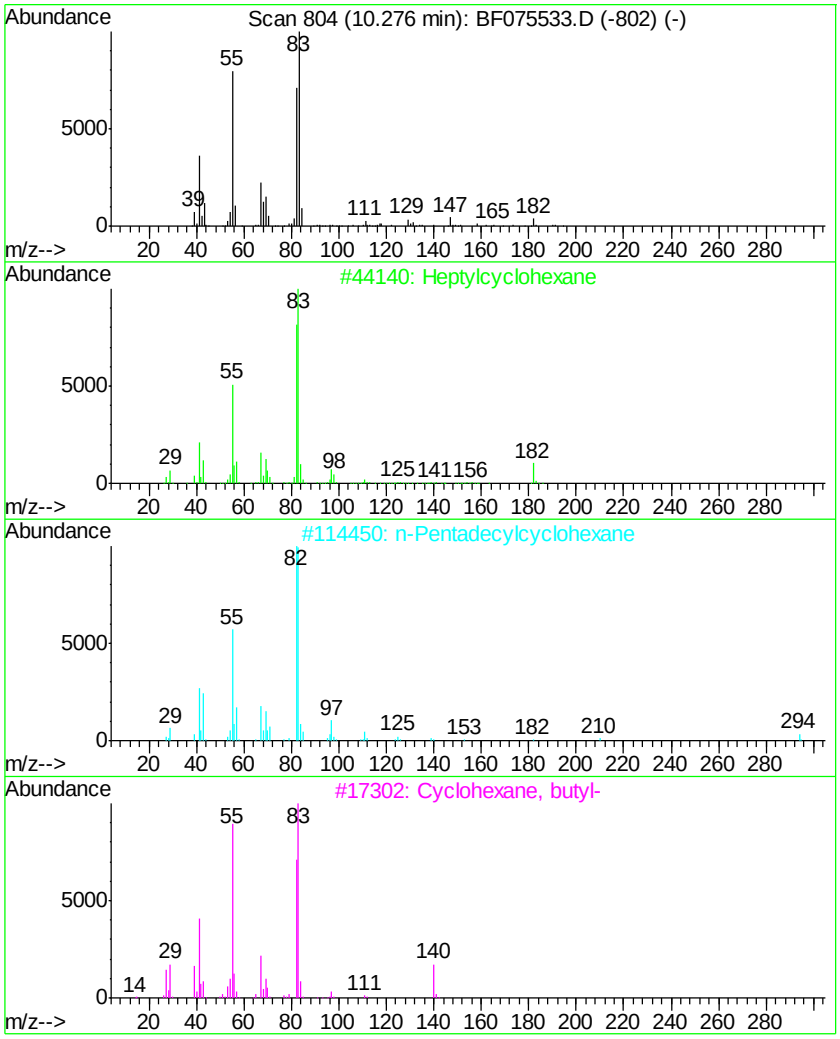
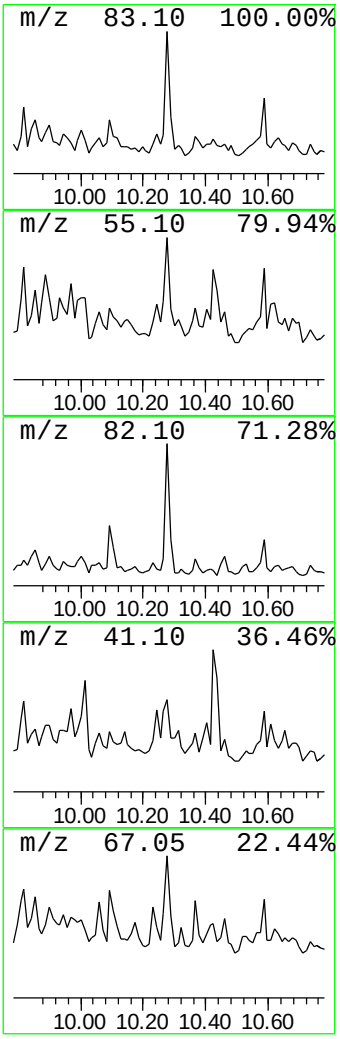
Peak Number 18 Heptylcyclohexane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	33.99 ng	2142090	Acenaphthene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	87
2	n-Pentadecylcyclohexane	294	C21H42	006006-95-7	78
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	78
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	78
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	78





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Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10-0041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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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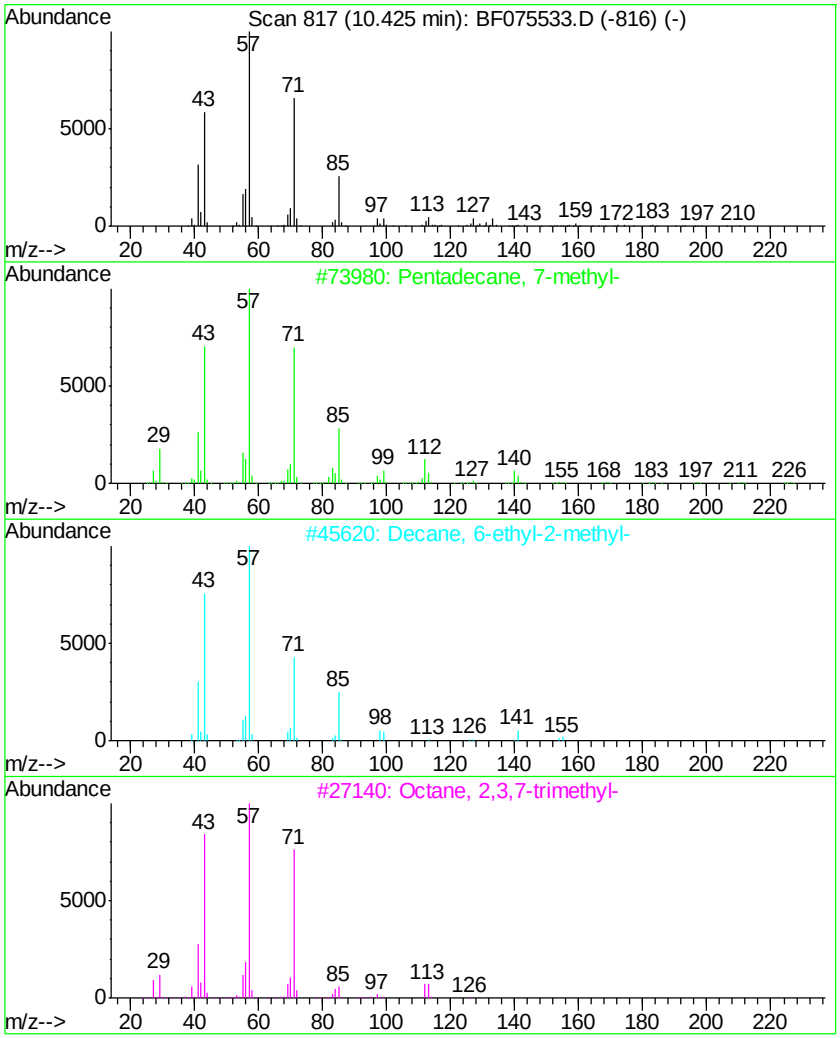
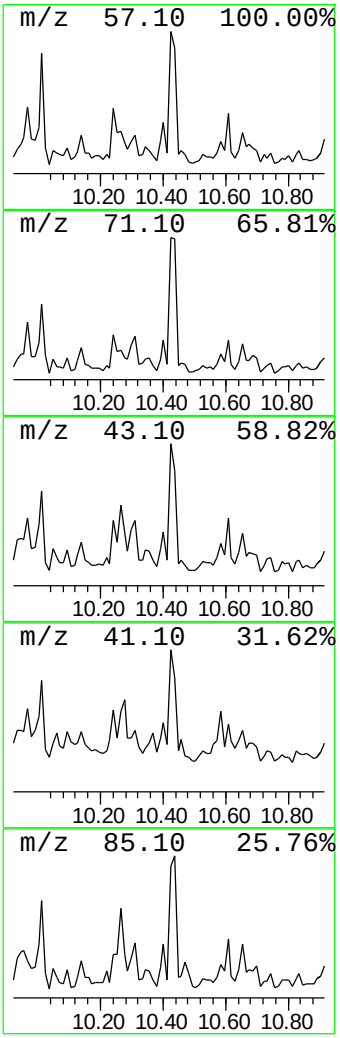
Peak Number 19 Pentadecane, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	48.91 ng	3082920	Acenaphthene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	53





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Sample : F4724-01
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ALS Vial : 34 Sample Multiplier: 1

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ClientSampleId : S10-0041

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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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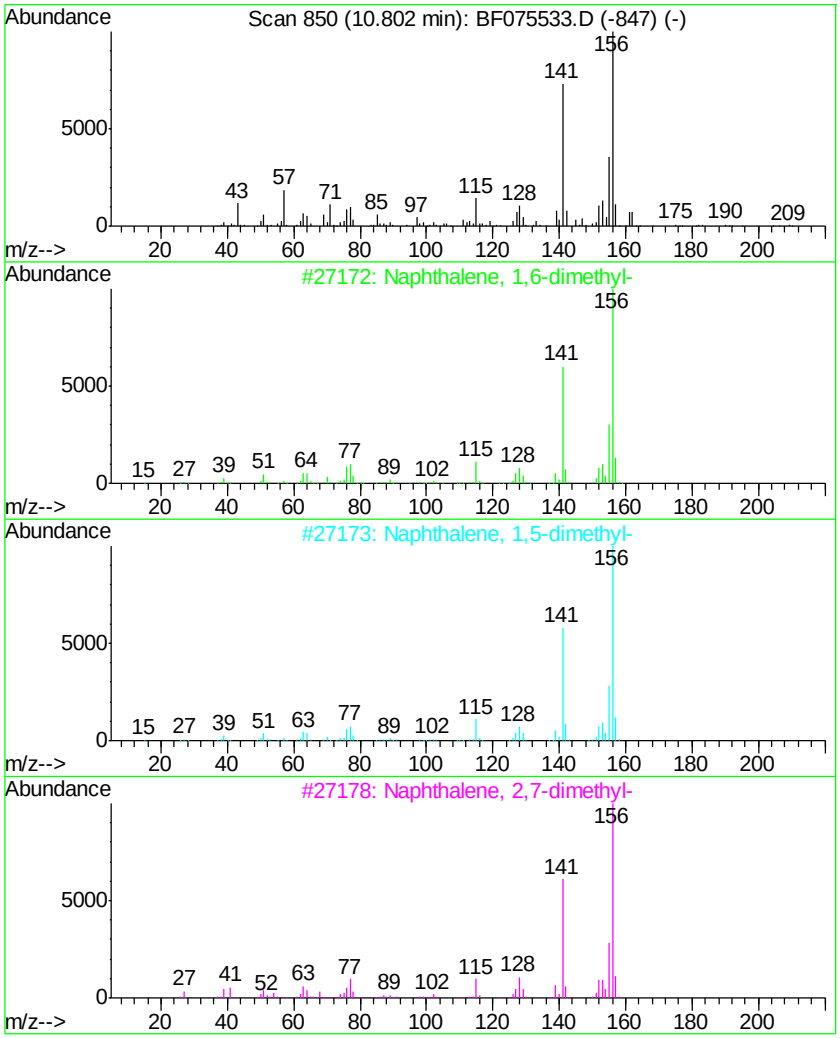
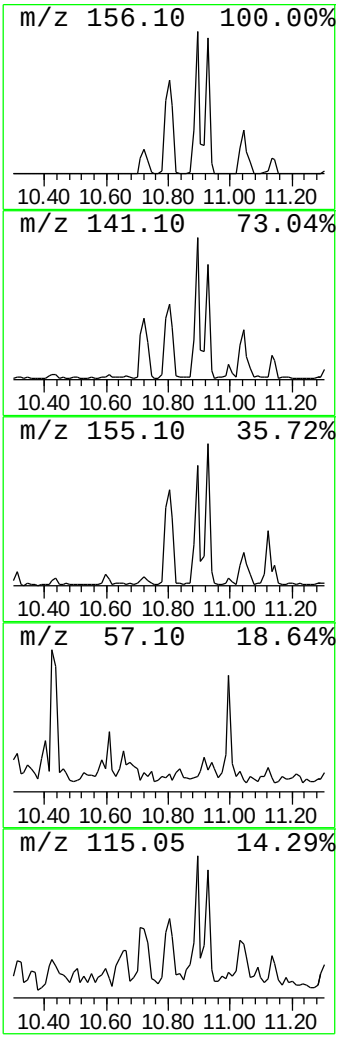
Peak Number 20 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	35.31 ng	2225510	Acenaphthene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075533.D
Acq On : 15 Nov 2014 11:07
Operator : TP / JJ
Sample : F4724-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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
Hexane, 2,5-dimet...	3.86	34.8	ng	5105400	1	7.56	2934020	20.0
Heptane, 2,6-dime...	5.16	36.4	ng	5338920	1	7.56	2934020	20.0
unknown5.27	5.27	47.3	ng	6932280	1	7.56	2934020	20.0
Cyclohexane, 1,1,...	5.35	47.1	ng	6904690	1	7.56	2934020	20.0
Decane, 5,6-dimet...	5.60	36.7	ng	5382600	1	7.56	2934020	20.0
Cyclopentane, 1,1...	6.04	36.0	ng	5286700	1	7.56	2934020	20.0
unknown6.52	6.52	46.8	ng	6870030	1	7.56	2934020	20.0
Nonane, 3-methyl-	6.64	93.2	ng	13674000	1	7.56	2934020	20.0
Undecane, 5,6-dim...	6.87	47.8	ng	7004350	1	7.56	2934020	20.0
Octane, 2,5-dimet...	6.95	53.4	ng	7840100	1	7.56	2934020	20.0
unknown7.26	7.26	65.5	ng	9602540	1	7.56	2934020	20.0
Cyclohexane, butyl-	7.74	44.0	ng	6457100	1	7.56	2934020	20.0
Heptylcyclohexane	10.28	34.0	ng	2142090	3	11.32	1260550	20.0
Pentadecane, 7-me...	10.42	48.9	ng	3082920	3	11.32	1260550	20.0
Naphthalene, 1,6-...	10.80	35.3	ng	2225510	3	11.32	1260550	20.0