LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091465.D
Acq On : 6 Dec 2016 18:16
Operator : UM/SJ
Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

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-BF112916.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	4.356	178	181	184	rBV4	81900	138630	4.05%	0.169%
2	5.019	236	239	242	rBV	826829	1031794	30.17%	1.257%
3	5.442	273	276	278	rBV	2591052	2506415	73.28%	3.053%
4	5.602	288	290	292	rBV	93303	134400	3.93%	0.164%
5	5.647	292	294	295	rVB	79406	85183	2.49%	0.104%
6	5.682	295	297	301	rBV2	65775	121960	3.57%	0.149%
7	5.762	301	304	305	rBV	74164	85492	2.50%	0.104%
8	5.853	309	312	314	rVB2	169164	269465	7.88%	0.328%
9	5.910	314	317	318	rBV	78653	139115	4.07%	0.169%
10	5.990	322	324	326	rVB	322759	319670	9.35%	0.389%
11	6.047	326	329	331	rBV2	107617	232345	6.79%	0.283%
12	6.093	331	333	336	rVB3	211254	375654	10.98%	0.458%
13	6.150	336	338	339	rBV	209809	280165	8.19%	0.341%
14	6.184	339	341	346	rVB4	141518	428181	12.52%	0.522%
15	6.276	346	349	351	rBV	286780	390267	11.41%	0.475%
16	6.367	356	357	362	rBV2	479876	804766	23.53%	0.980%
17	6.470	363	366	369	rBV	2282479	2718820	79.49%	3.312%
18	6.516	369	370	371	rVB	316251	216790	6.34%	0.264%
19	6.539	371	372	374	rVB	161764	168542	4.93%	0.205%
20	6.607	374	378	380	rBV	2801299	3374351	98.65%	4.110%
21	6.699	382	386	388	rBV2	293732	403055	11.78%	0.491%
22	6.756	388	391	392	rBV3	82228	181323	5.30%	0.221%
23	6.790	392	394	395	rBV2	140887	230321	6.73%	0.281%
24	6.813	395	396	397	rBV	223546	209229	6.12%	0.255%
25	6.836	397	398	399	rVV	902678	889423	26.00%	1.083%
26	6.870	399	401	402	rVB	953335	1235420	36.12%	1.505%
27	6.905	402	404	406	rBV	300967	390494	11.42%	0.476%
28	6.962	406	409	410	rBV2	300318	620817	18.15%	0.756%
29	6.996	410	412	414	rVV	2650647	2451224	71.66%	2.986%
30	7.030	414	415	416	rVB	423802	290728	8.50%	0.354%
31	7.076	418	419	421	rBV	234413	417373	12.20%	0.508%
32	7.122	421	423	425	rVB	737224	1037976	30.35%	1.264%
33	7.202	428	430	431	rBV2	214024	317879	9.29%	0.387%
34	7.236	431	433	435	rBV	616096	828737	24.23%	1.009%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

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-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.327	439	441	442	rBV	262397	347145	10.15%	0.423%
36	7.396	442	447	449	rVV3	1382170	3420436	100.00%	4.166%
37	7.487	453	455	457	rBV3	965017	1550361	45.33%	1.889%
38	7.567	457	462	464	rVV2	732329	1877696	54.90%	2.287%
39	7.602	464	465	466	rVV	525032	601270	17.58%	0.732%
40	7.636	466	468	471	rVV3	1384375	2696687	78.84%	3.285%
41	7.693	471	473	474	rVV	415458	640036	18.71%	0.780%
42	7.773	475	480	482	rVV5	1474437	3267344	95.52%	3.980%
43	7.819	482	484	485	rVV2	618755	772152	22.57%	0.941%
44	7.842	485	486	488	rVV	332645	509765	14.90%	0.621%
45	7.899	488	491	494	rVV3	464891	1060939	31.02%	1.292%
46	7.956	494	496	498	rVV3	743480	997358	29.16%	1.215%
47	8.013	498	501	502	rVV2	490983	1124347	32.87%	1.370%
48	8.070	504	506	509	rVV3	872076	2158682	63.11%	2.629%
49	8.127	509	511	513	rVV	1933790	2985136	87.27%	3.636%
50	8.196	515	517	519	rVV	1248880	2285762	66.83%	2.784%
51	8.299	523	526	528	rVV2	460663	1096876	32.07%	1.336%
52	8.345	528	530	533	rVV2	1037900	1551815	45.37%	1.890%
53	8.425	534	537	539	rVV2	1148361	1734627	50.71%	2.113%
54	8.459	539	540	541	rVV	275929	275087	8.04%	0.335%
55	8.516	543	545	547	rVV3	343293	580807	16.98%	0.707%
56	8.562	547	549	551	rVV	2458167	2727703	79.75%	3.323%
57	8.630	554	555	557	rVB2	204454	274627	8.03%	0.335%
58	8.676	557	559	562	rBV2	709080	1091984	31.93%	1.330%
59	8.825	570	572	574	rVB2	632479	778116	22.75%	0.948%
60	8.882	574	577	578	rBV3	190011	280258	8.19%	0.341%
61	8.916	578	580	583	rVB4	205926	497087	14.53%	0.606%
62	9.042	589	591	593	rVB2	478196	535664	15.66%	0.652%
63	9.156	599	601	603	rVB	1477975	1262396	36.91%	1.538%
64	9.202	603	605	607	rVB	2809311	2497165	73.01%	3.042%
65	9.293	610	613	615	rBV2	349031	611681	17.88%	0.745%
66	9.339	615	617	621	rVB3	220329	490060	14.33%	0.597%
67	9.408	621	623	624	rVB2	133865	137120	4.01%	0.167%
68	9.442	624	626	628	rBV2	61148	103609	3.03%	0.126%
69	9.476	628	629	630	rBV	104125	85606	2.50%	0.104%
70	9.522	630	633	636	rBV5	70937	148746	4.35%	0.181%
71	9.613	638	641	642	rVB2	895776	1189074	34.76%	1.448%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.636	642	643	646	rVB2	107531	112151	3.28%	0.137%
73	9.693	646	648	651	rVB3	93960	189003	5.53%	0.230%
74	9.751	651	653	655	rVB3	73110	107752	3.15%	0.131%
75	9.796	655	657	658	rBV	117245	126139	3.69%	0.154%
76	9.831	658	660	661	rVB	70168	92154	2.69%	0.112%
77	9.876	661	664	666	rBV	1311241	1275991	37.30%	1.554%
78	10.036	676	678	680	rBV3	49243	99592	2.91%	0.121%
79	10.082	680	682	683	rVB	117031	108213	3.16%	0.132%
80	10.139	685	687	690	rVB3	207446	251402	7.35%	0.306%
81	10.539	719	722	724	rBV	329874	367895	10.76%	0.448%
82	10.665	730	733	735	rVB	1393399	1710797	50.02%	2.084%
83	10.802	742	745	748	rVB	419872	505748	14.79%	0.616%
84	11.271	782	786	788	rVB	207945	381654	11.16%	0.465%
85	11.351	791	793	797	rVV2	712935	1232966	36.05%	1.502%
86	11.431	798	800	801	rVB	74837	73459	2.15%	0.089%
87	11.659	818	820	824	rVB3	75439	95726	2.80%	0.117%
88	11.854	835	837	838	rBV	98139	114841	3.36%	0.140%
89	11.888	838	840	842	rVV2	226285	274873	8.04%	0.335%
90	11.934	842	844	845	rVV2	77131	98818	2.89%	0.120%
91	11.968	845	847	851	rVB3	155008	300818	8.79%	0.366%
92	12.356	878	881	883	rBV2	125427	271405	7.93%	0.331%
93	12.562	898	899	901	rBV	394025	496246	14.51%	0.604%
94	12.677	907	909	910	rBV	144727	161183	4.71%	0.196%
95	12.791	917	919	922	rBV	395374	464158	13.57%	0.565%
96	12.939	930	932	935	rBV	1574583	2063192	60.32%	2.513%
97	13.225	955	957	962	rBV	498313	747865	21.86%	0.911%
98	13.431	973	975	978	rBV	445984	480456	14.05%	0.585%
99	13.991	1022	1024	1030	rBV2	990239	1720089	50.29%	2.095%
100	16.528	1244	1246	1251	rVB	306357	599000	17.51%	0.730%

Sum of corrected areas: 82094814

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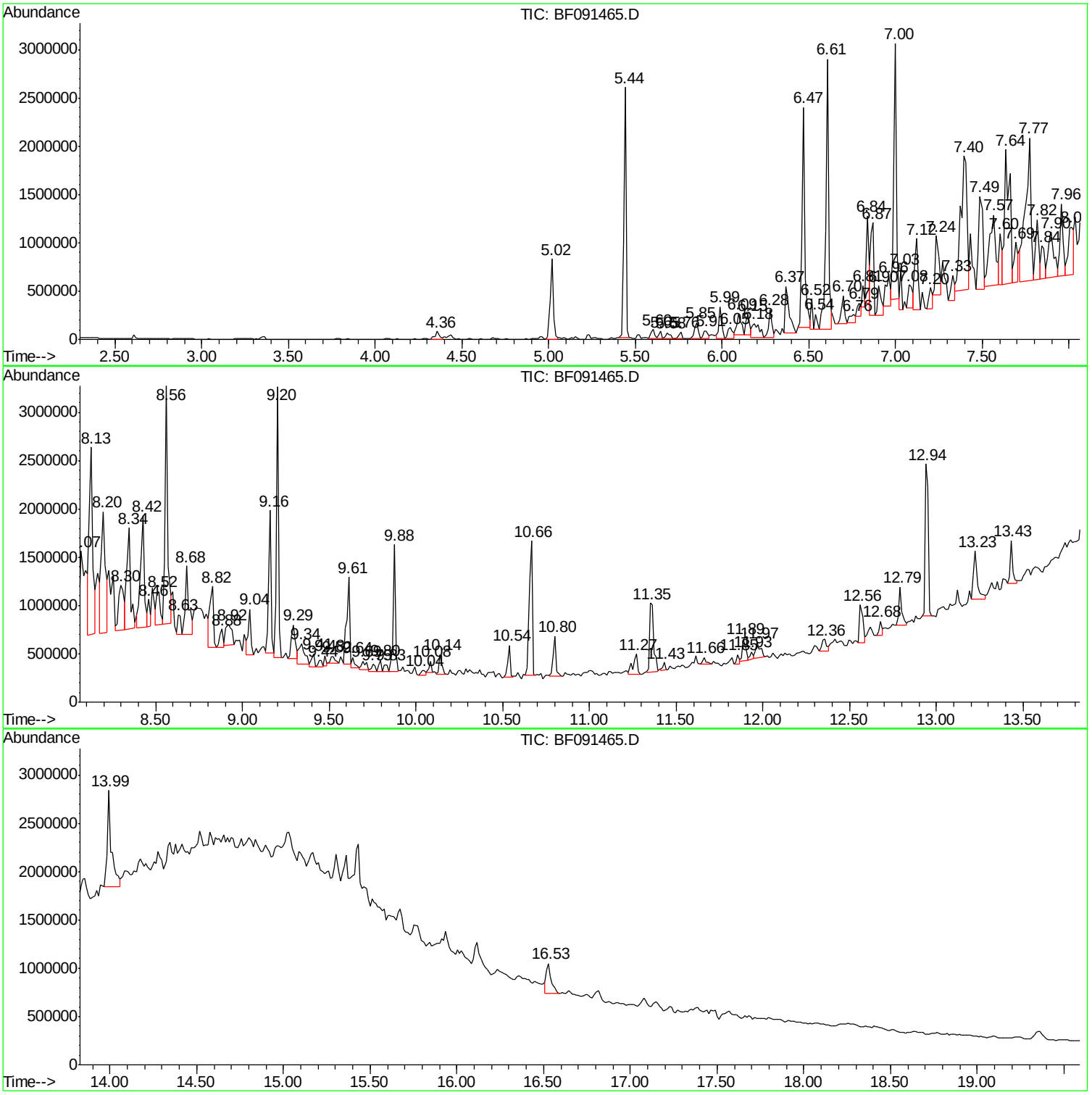
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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\BF120616\
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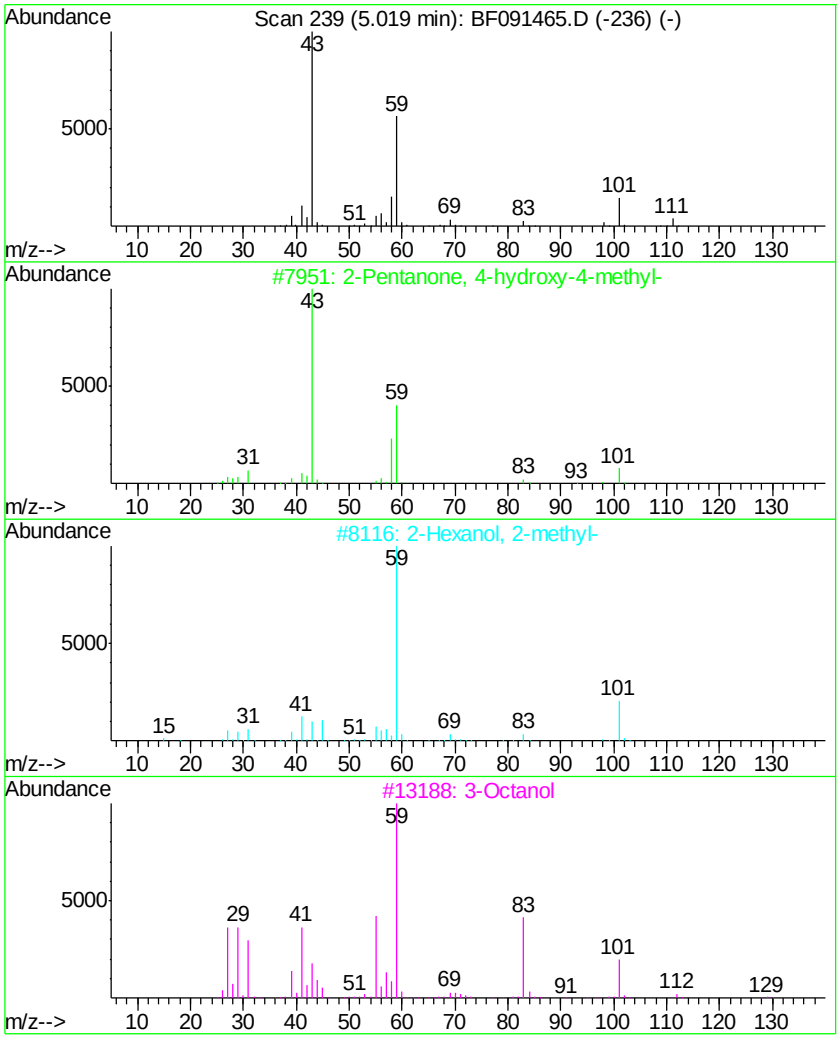
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

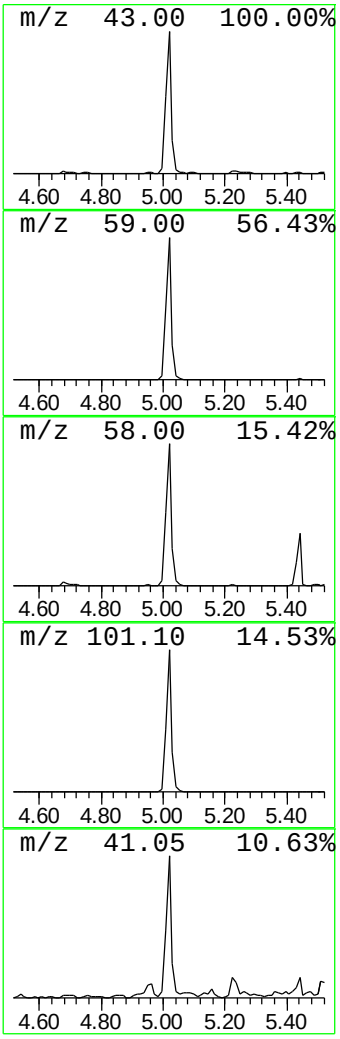
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	23.20 ng	1031790	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	3-Octanol	130	C8H18O	000589-98-0	28
4	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	28
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091465.D
Acq On : 6 Dec 2016 18:16
Operator : UM/SJ
Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

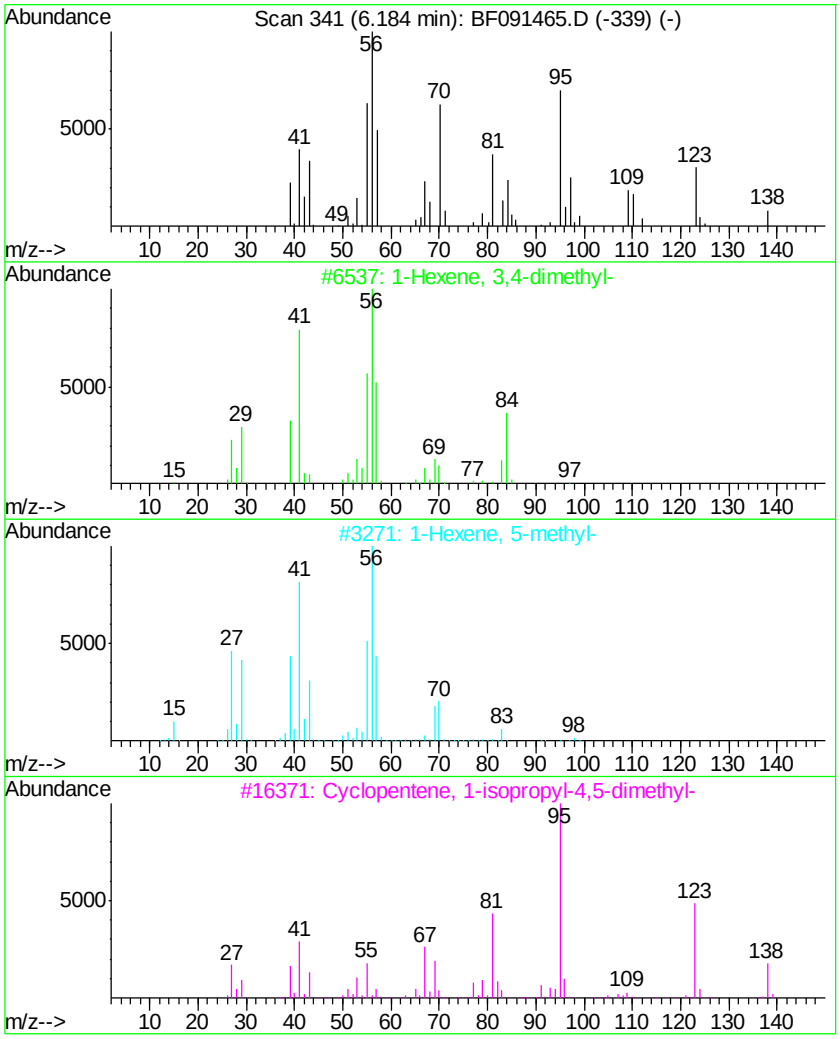
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

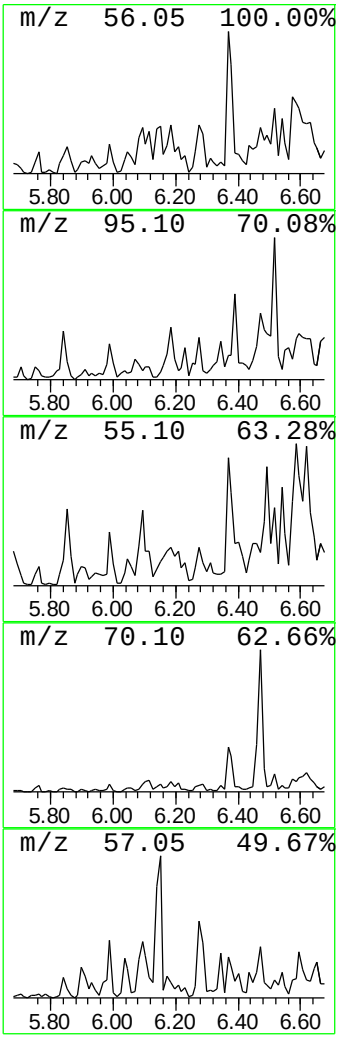
****

Peak Number 2 unknown6.18 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	9.63 ng	428181	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	27
2	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	22
3	Cyclopentene, 1-isopropyl-4,5-di...	138	C10H18	007712-74-5	22
4	Cyclopentene, 1-isopropyl-2,3-di...	138	C10H18	007712-73-4	18
5	Methylphosphonic acid, fluoroanh...	208	C9H18FO2P	1000273-29-7	14





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Operator : UM/SJ
Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

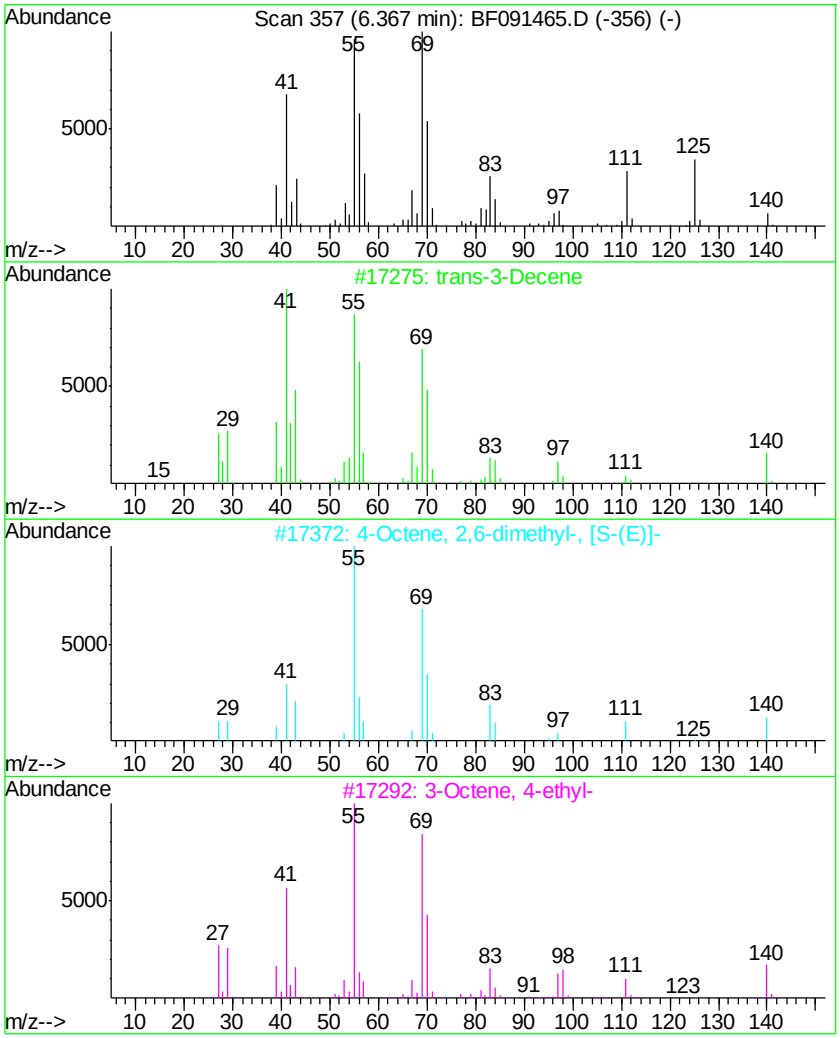
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

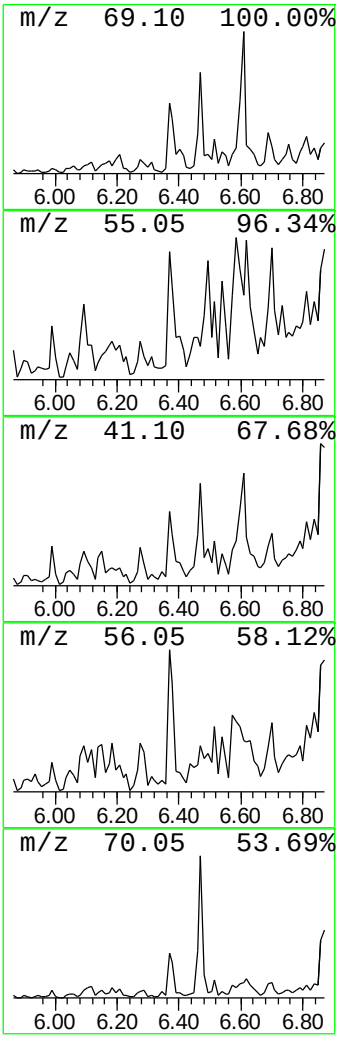
****

Peak Number 3 trans-3-Decene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	18.10 ng	804766	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-3-Decene	140	C10H20	019150-21-1	74
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	68
3	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	59
4	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	58
5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
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Acq On : 6 Dec 2016 18:16
Operator : UM/SJ
Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

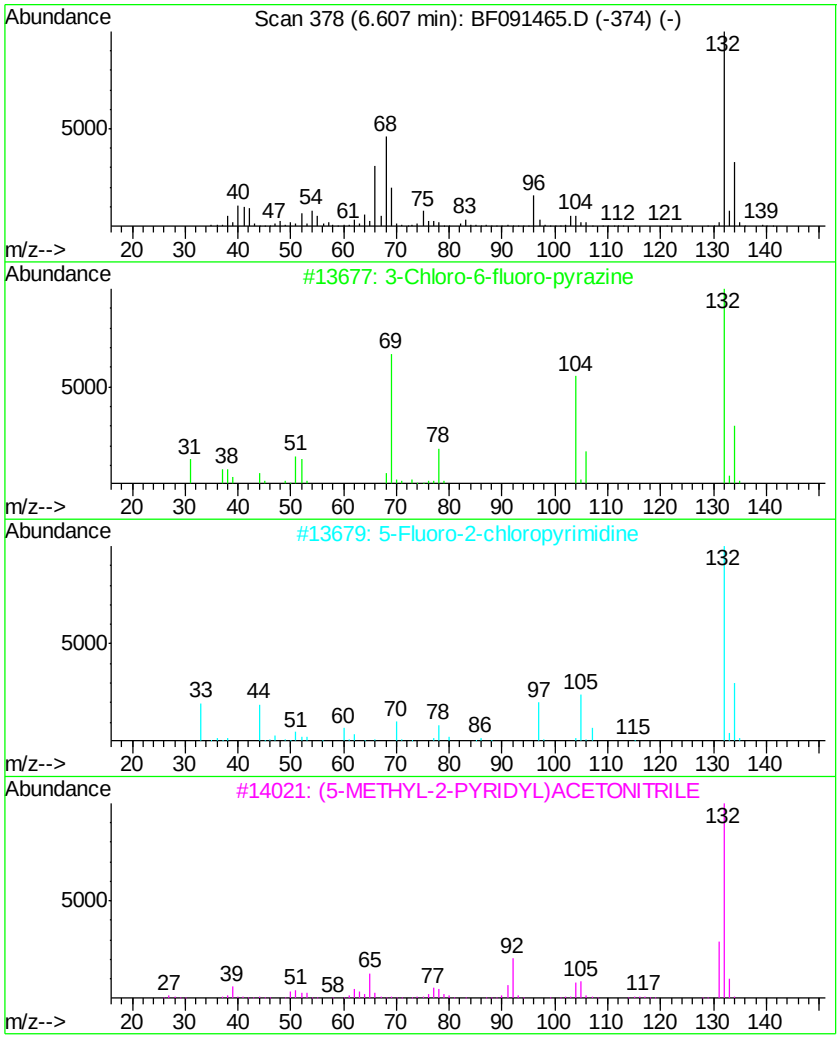
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

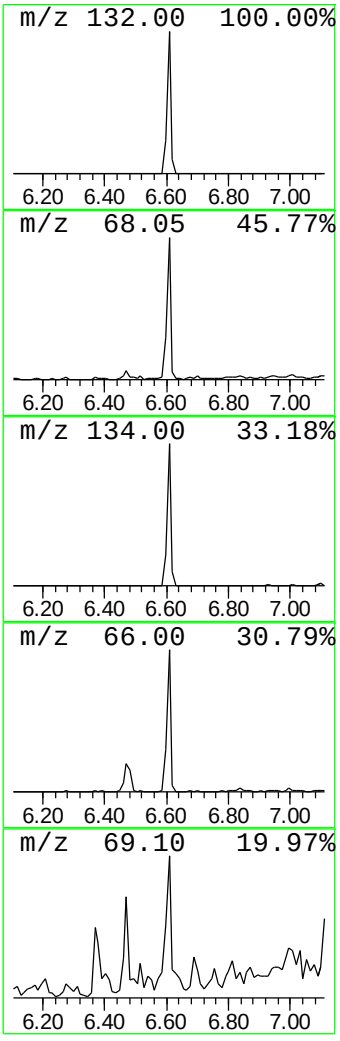
****

Peak Number 4 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	75.88 ng	3374350	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091465.D
Acq On : 6 Dec 2016 18:16
Operator : UM/SJ
Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

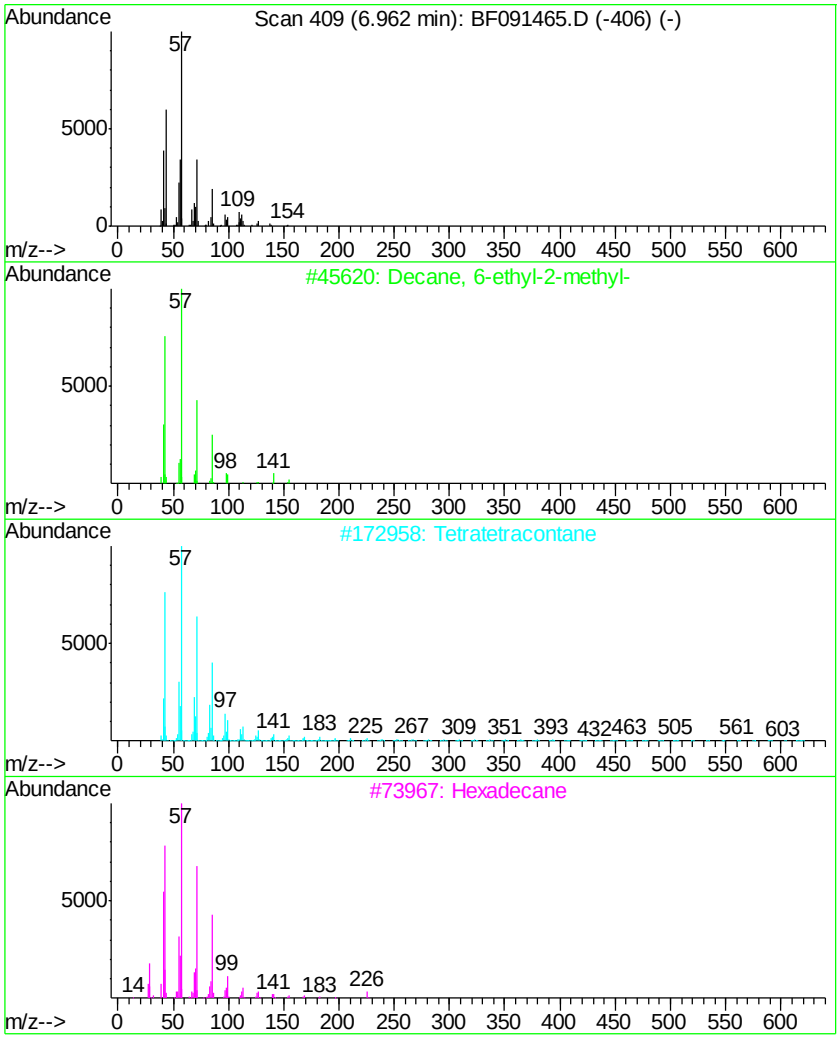
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

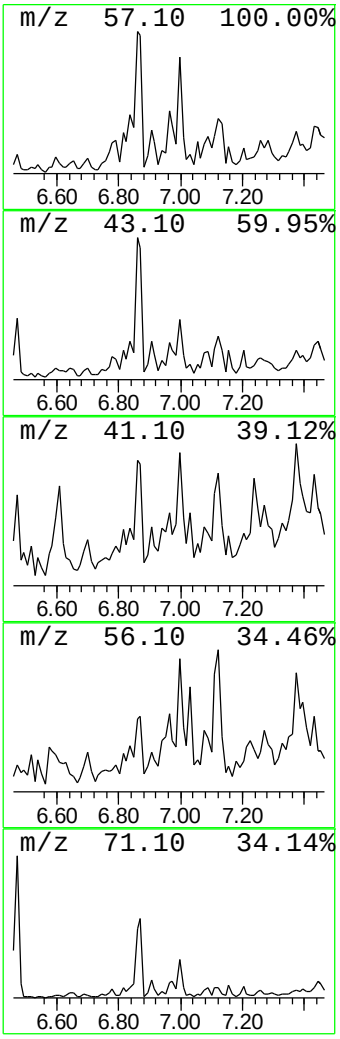
****

Peak Number 5 Decane, 6-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	13.96 ng	620817	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
2	Tetratetracontane	619	C44H90	007098-22-8	50
3	Hexadecane	226	C16H34	000544-76-3	50
4	Hexatriacontane	507	C36H74	000630-06-8	50
5	Tridecane	184	C13H28	000629-50-5	50





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Data File : BF091465.D
Acq On : 6 Dec 2016 18:16
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Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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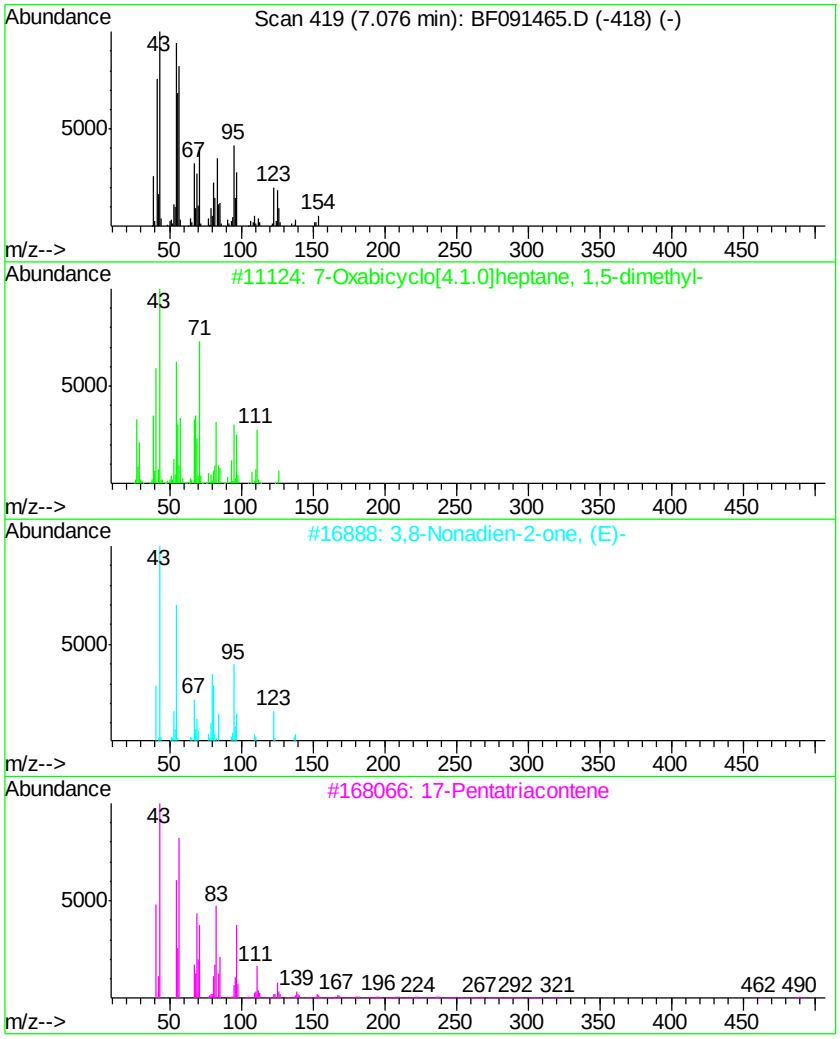
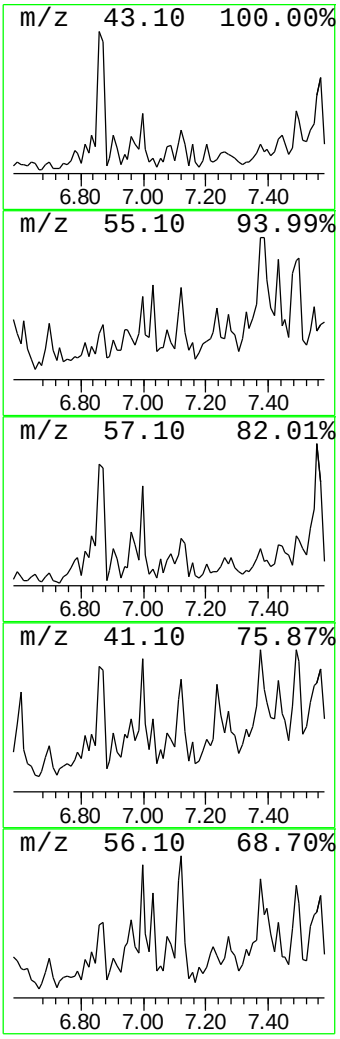
Peak Number 7 unknown7.08 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	9.39 ng	417373	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	38
2	3,8-Nonadien-2-one, (E)-	138	C9H14O	055282-90-1	30
3	17-Pentatriacontene	491	C35H70	006971-40-0	27
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	27
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	20





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Acq On : 6 Dec 2016 18:16
Operator : UM/SJ
Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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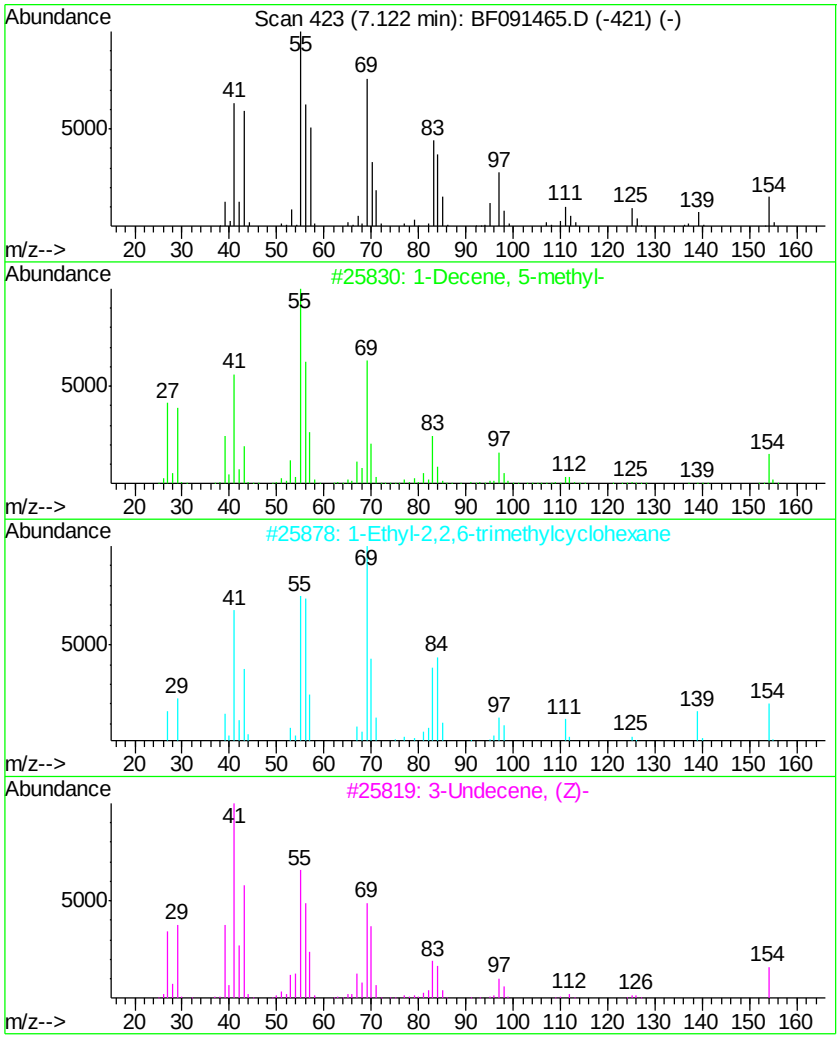
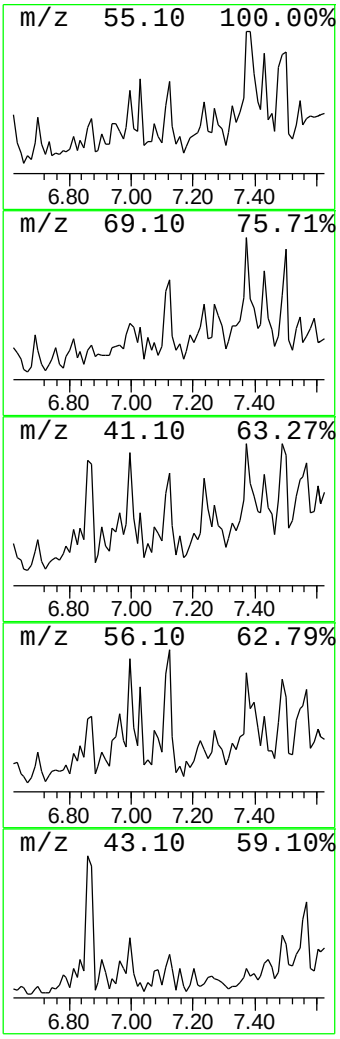
Peak Number 8 1-Decene, 5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	23.34 ng	1037980	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 5-methyl-	154	C11H22	054244-79-0	90
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	81
3	3-Undecene, (Z)-	154	C11H22	000821-97-6	80
4	5-Undecene	154	C11H22	004941-53-1	78
5	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	74





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Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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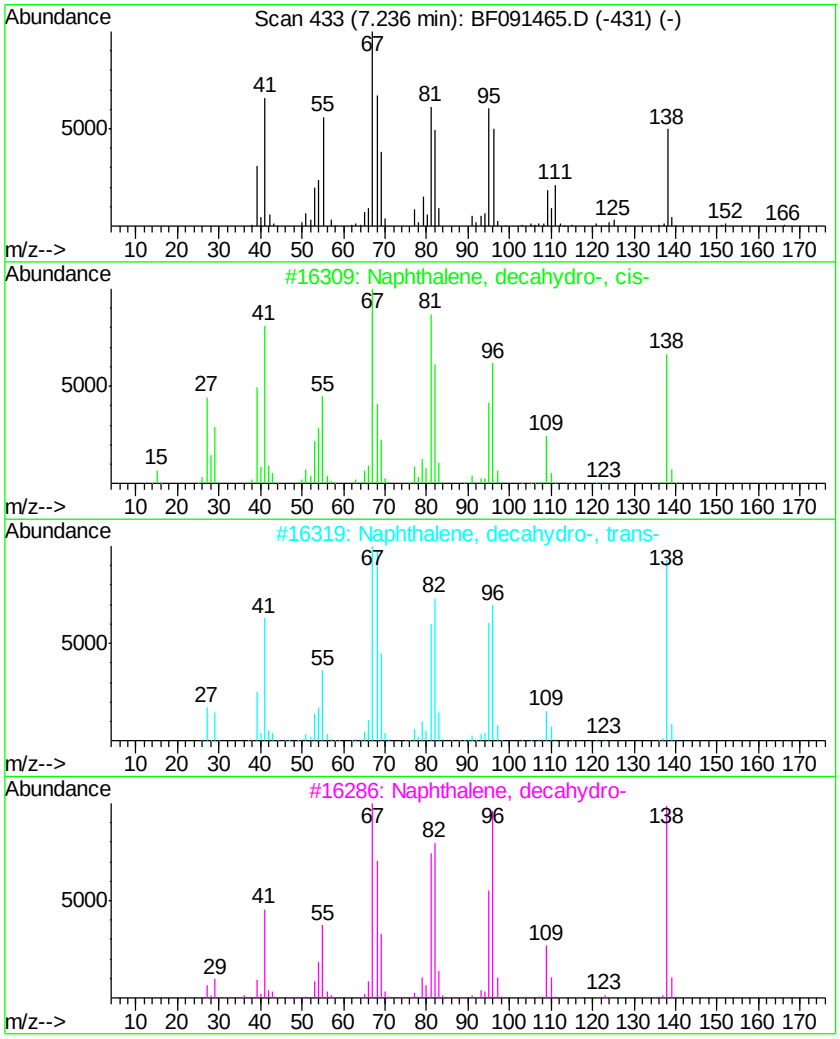
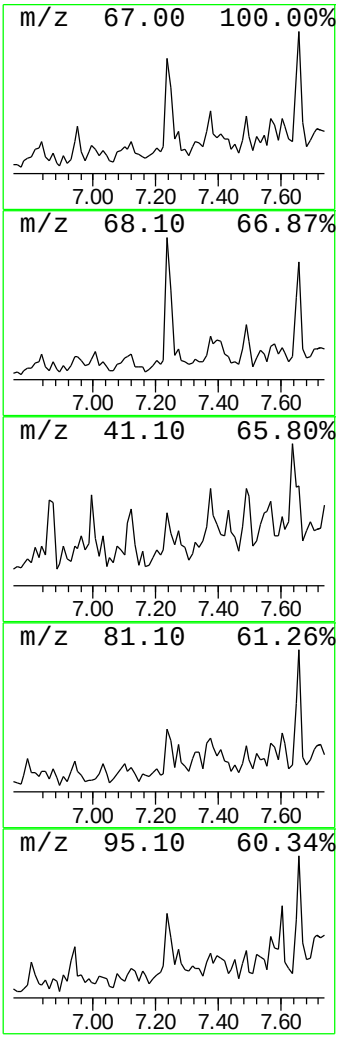
Peak Number 9 Naphthalene, decahydro-, cis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	18.64 ng	828737	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	91
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
4	Cyclodecene	138	C10H18	003618-12-0	87
5	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	68





Library Search Compound Report

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Operator : UM/SJ
Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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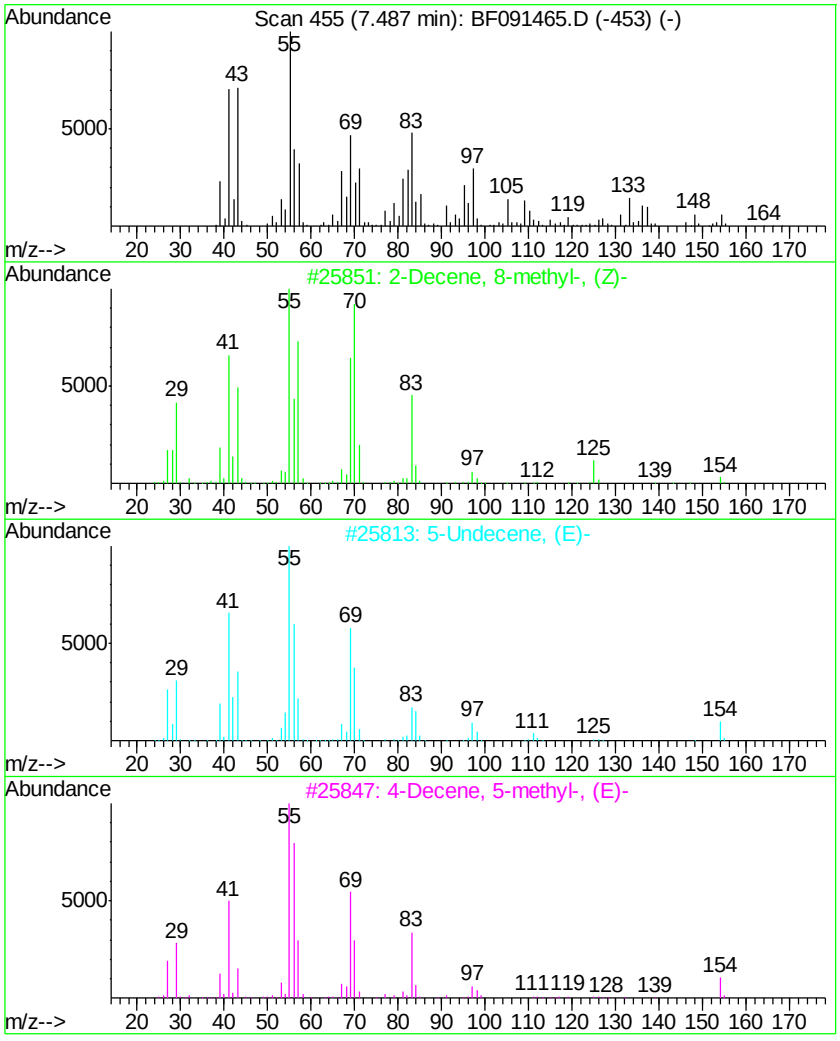
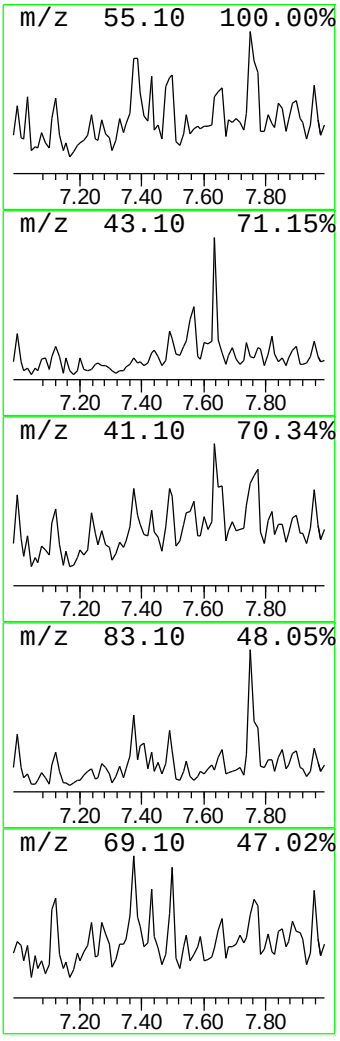
Peak Number 10 unknown7.49 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	10.39 ng	1550360	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 8-methyl-, (Z)-	154	C11H22	074630-25-4	38
2	5-Undecene, (E)-	154	C11H22	000764-97-6	35
3	4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	25
4	Borane, ethyldipropyl-	126	C8H19B	001116-52-5	22
5	2-Undecene, (Z)-	154	C11H22	000821-96-5	18





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Operator : UM/SJ
Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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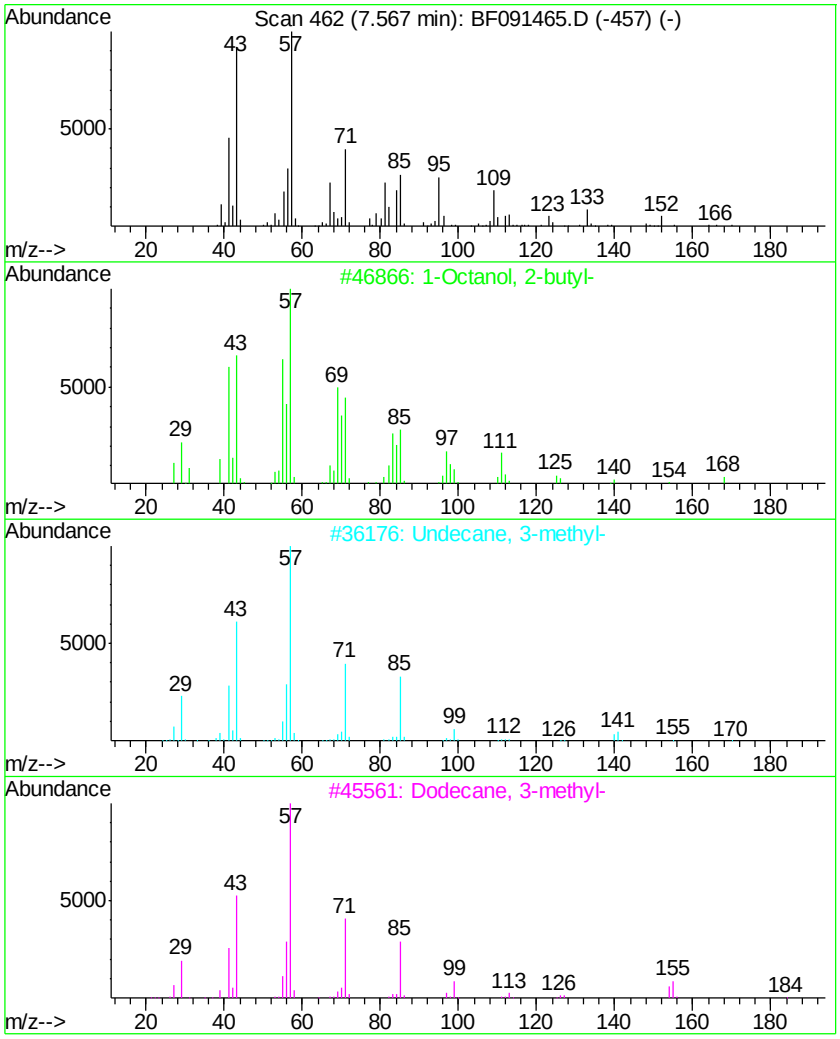
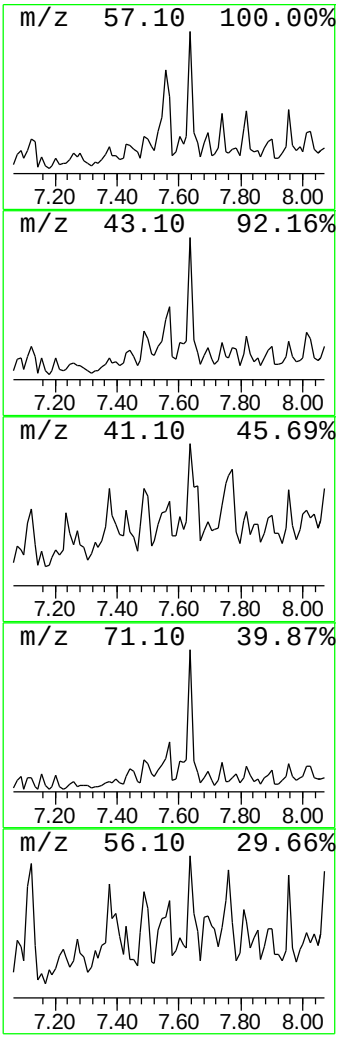
Peak Number 11 1-Octanol, 2-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	12.58 ng	1877700	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	47
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	46
5	Octane, 4-methyl-	128	C9H20	002216-34-4	43





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

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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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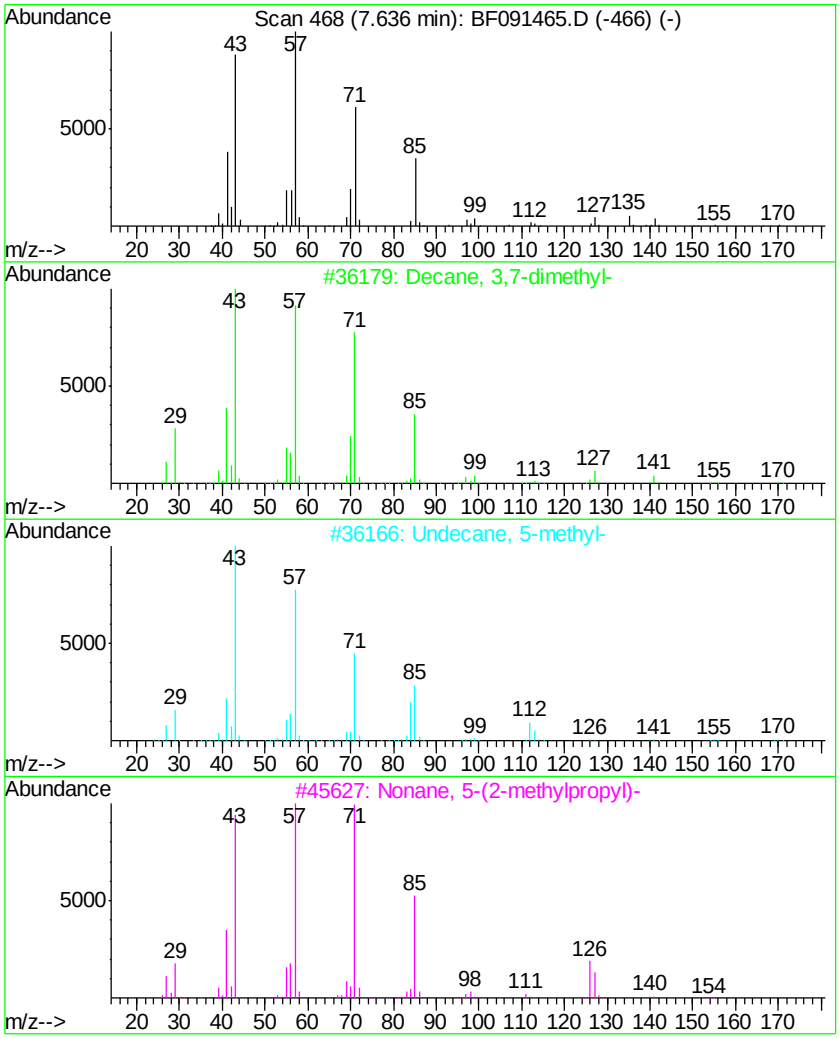
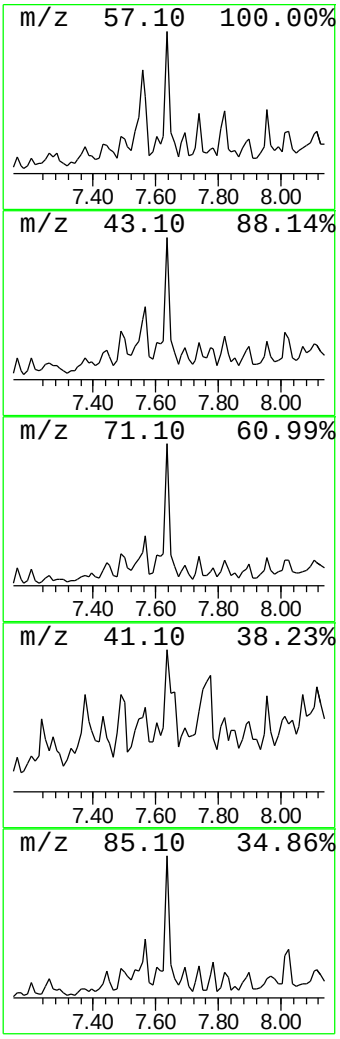
Peak Number 12 Decane, 3,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	18.07 ng	2696690	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	90
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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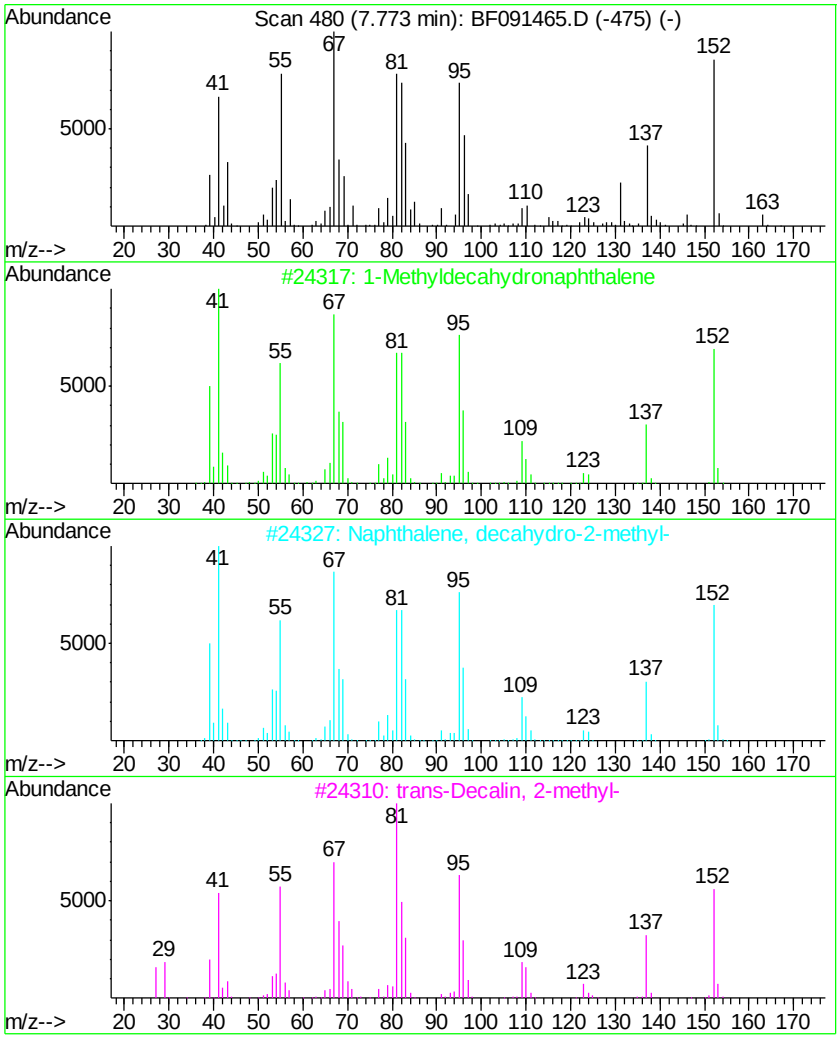
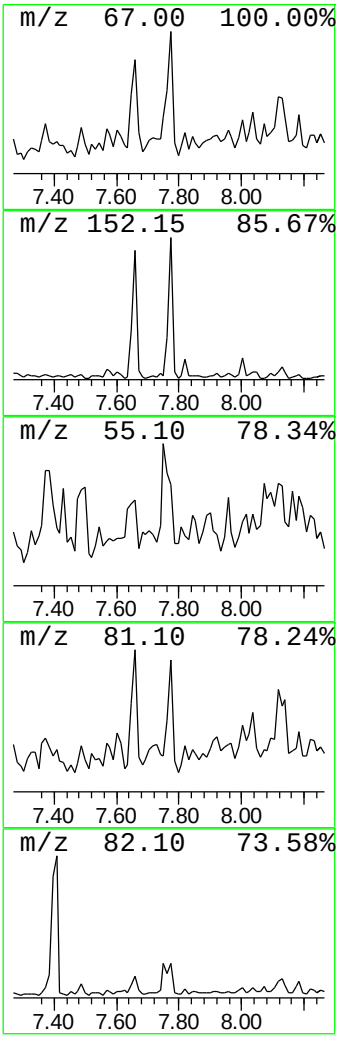
Peak Number 13 1-Methyldecahydronaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	21.89 ng	3267340	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	89
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	72
4	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	58
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	53





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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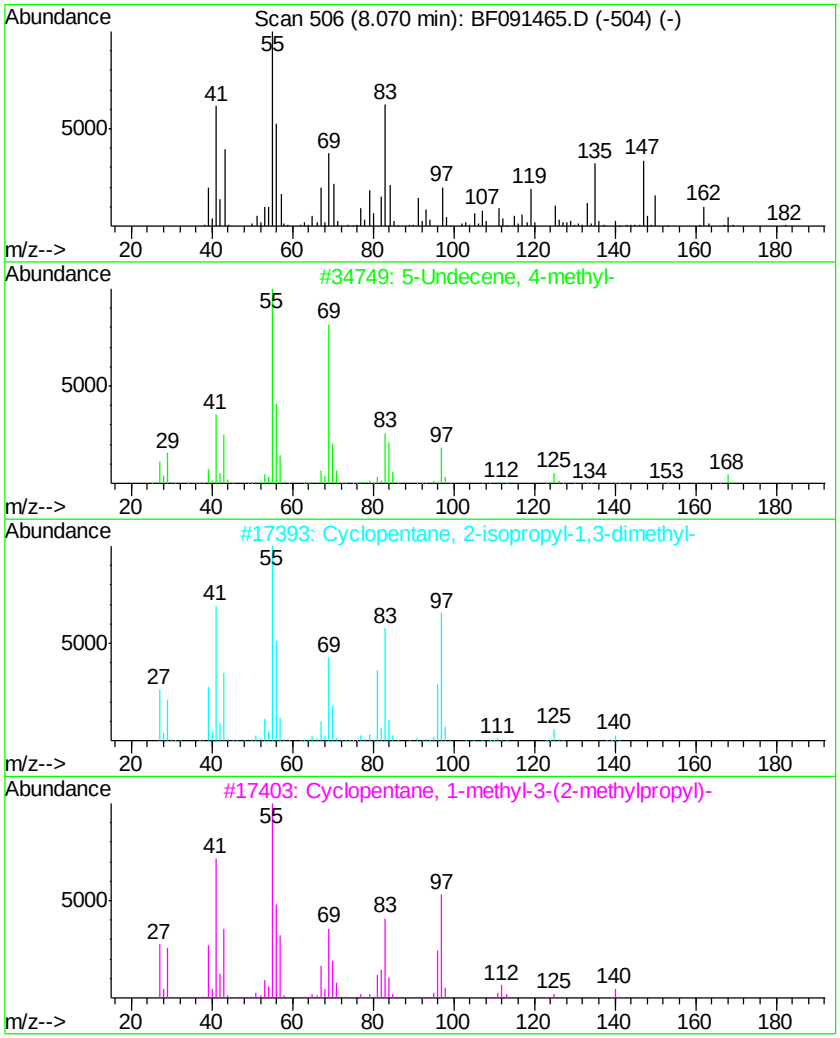
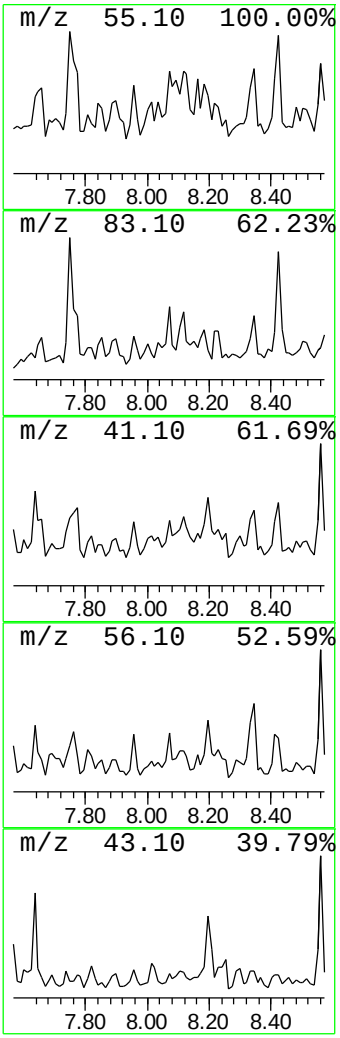
Peak Number 14 unknown8.07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	14.46 ng	2158680	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene, 4-methyl-	168	C12H24	143185-91-5	38
2	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	38
3	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	27
4	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	18
5	Cyclododecane	168	C12H24	000294-62-2	18





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Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

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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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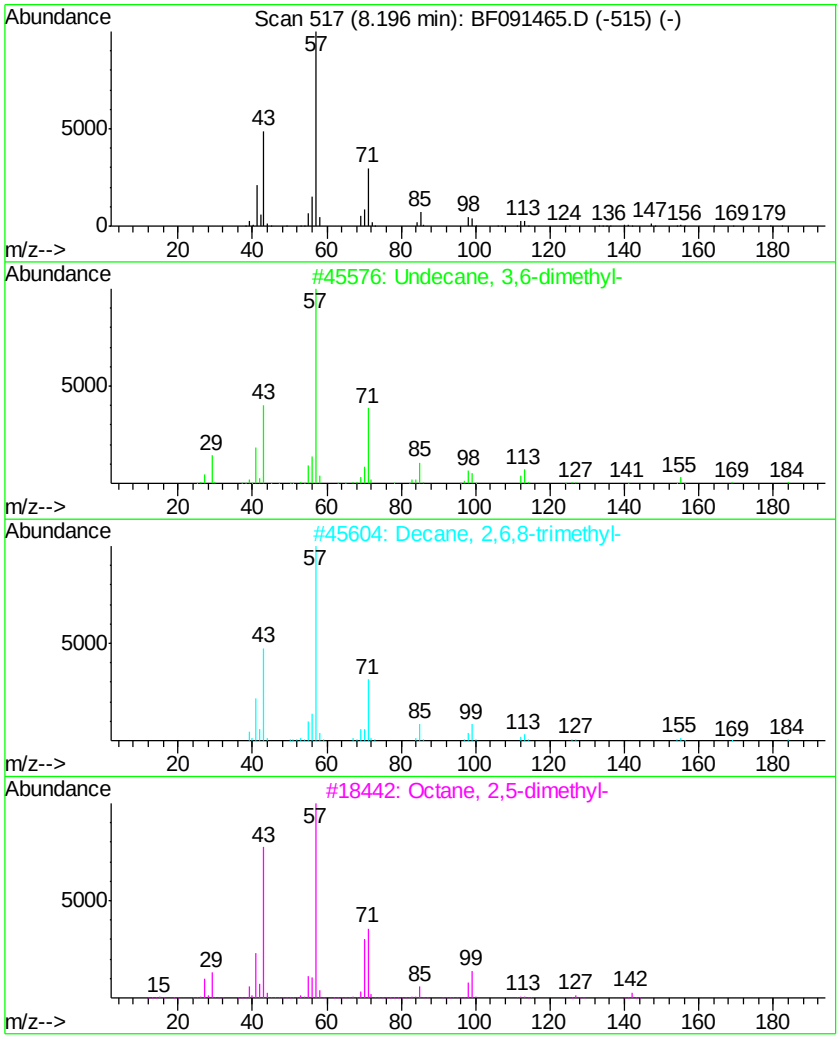
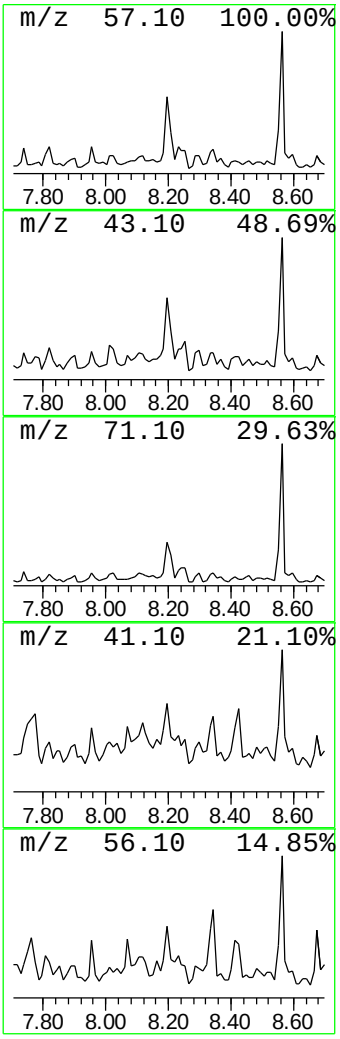
Peak Number 15 Undecane, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	15.31 ng	2285760	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59





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ClientSampleId : TP14-15-COMP2

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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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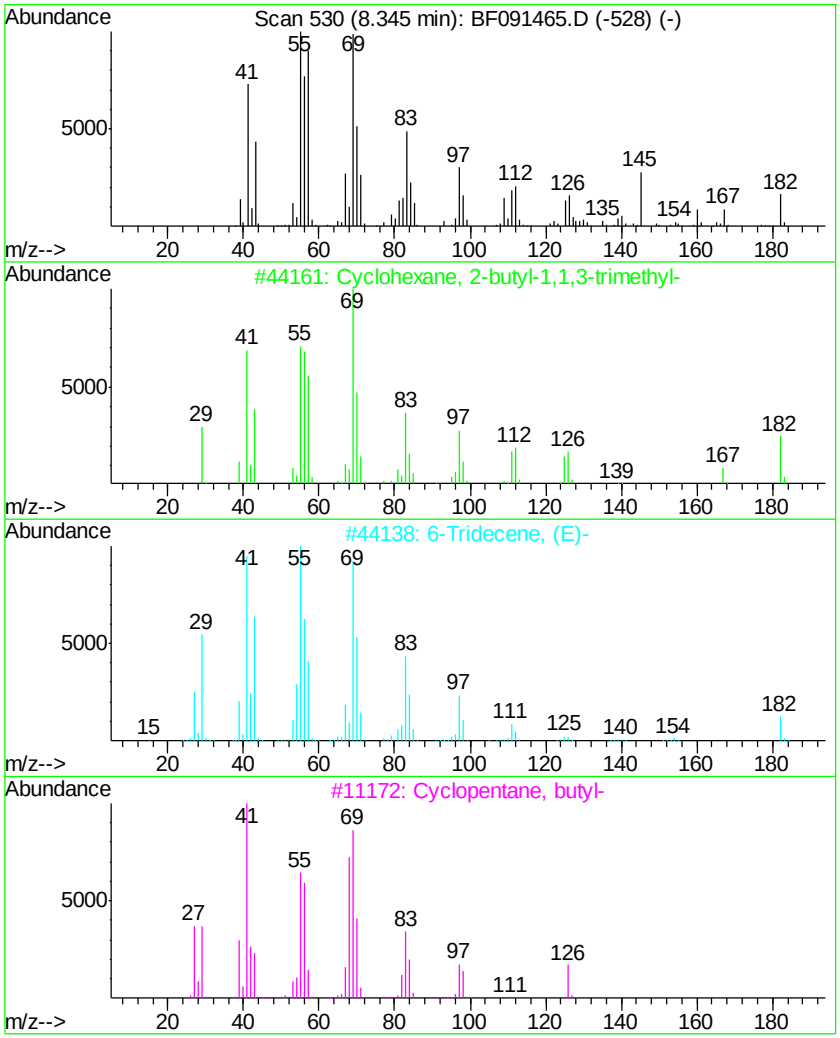
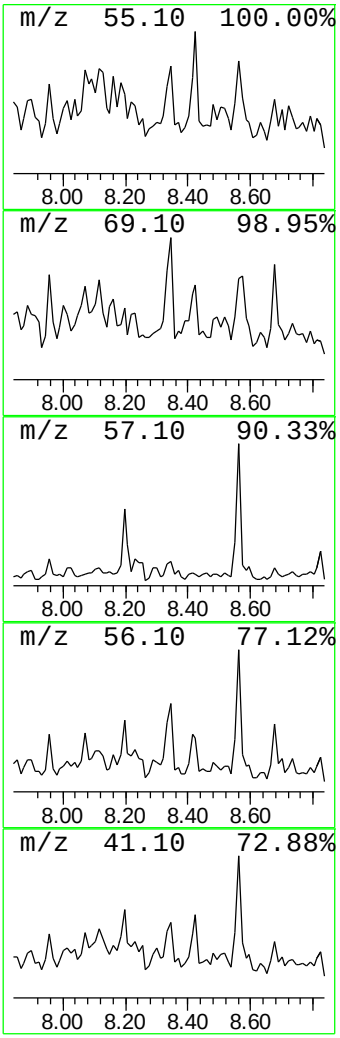
Peak Number 16 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	10.40 ng	1551820	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
2	6-Tridecene, (E)-	182	C13H26	006434-76-0	91
3	Cyclopentane, butyl-	126	C9H18	002040-95-1	87
4	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	81
5	6-Tridecene	182	C13H26	024949-38-0	78





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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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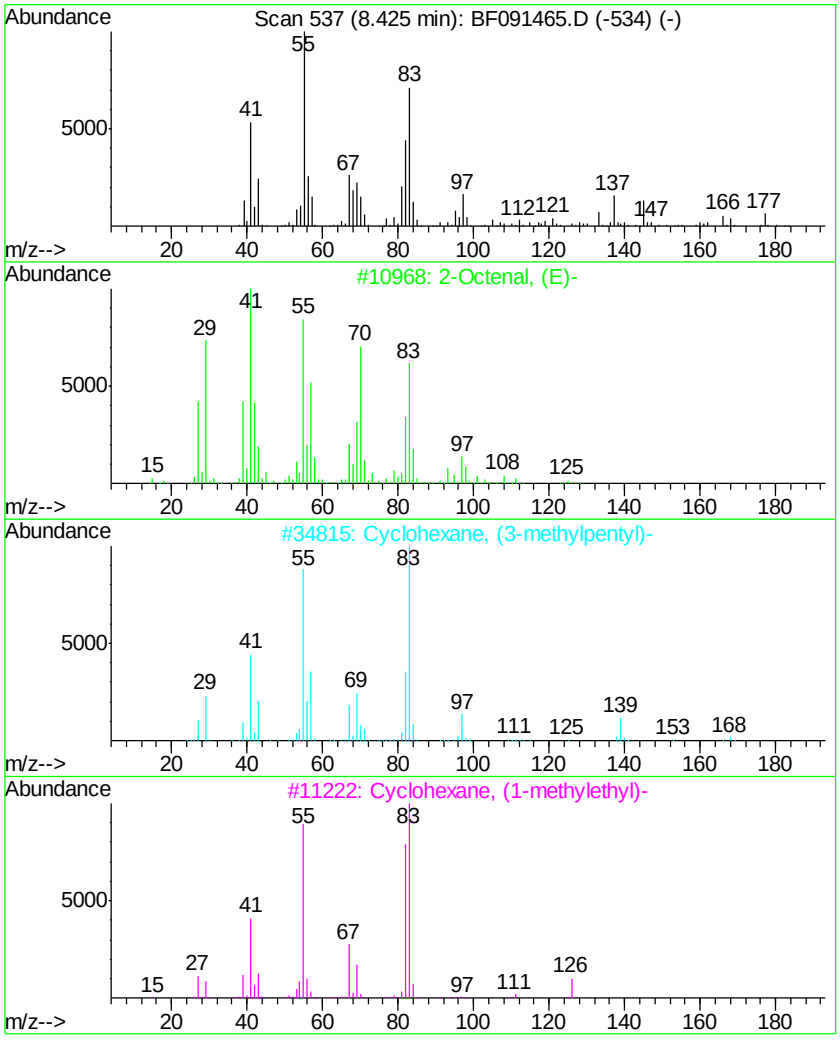
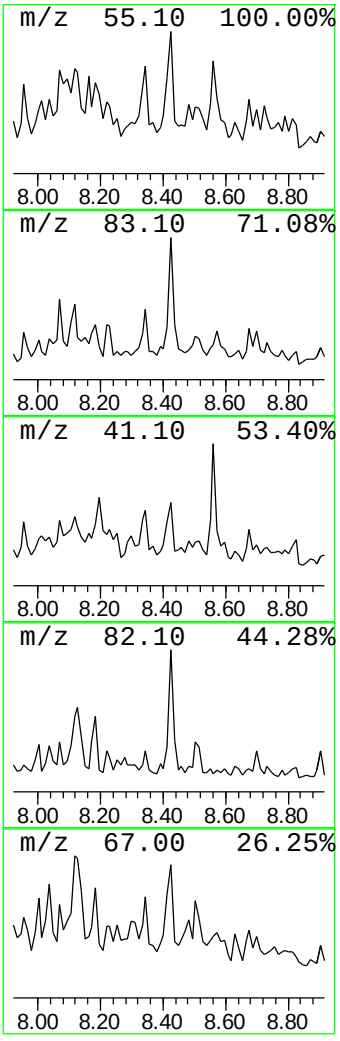
Peak Number 17 2-Octenal, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	11.62 ng	1734630	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	72
2	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	58
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
4	4-Undecene, 3-methyl-, (Z)-	168	C12H24	074645-87-7	46
5	3-Octen-1-ol	128	C8H16O	018185-81-4	25





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Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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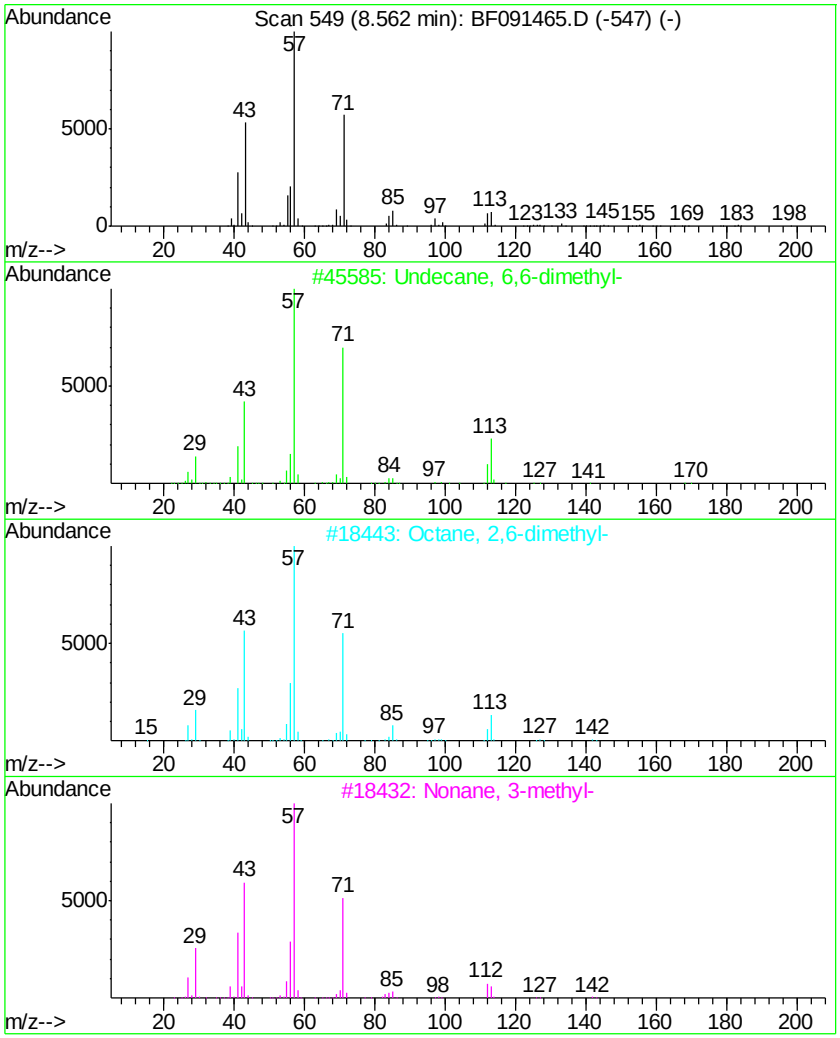
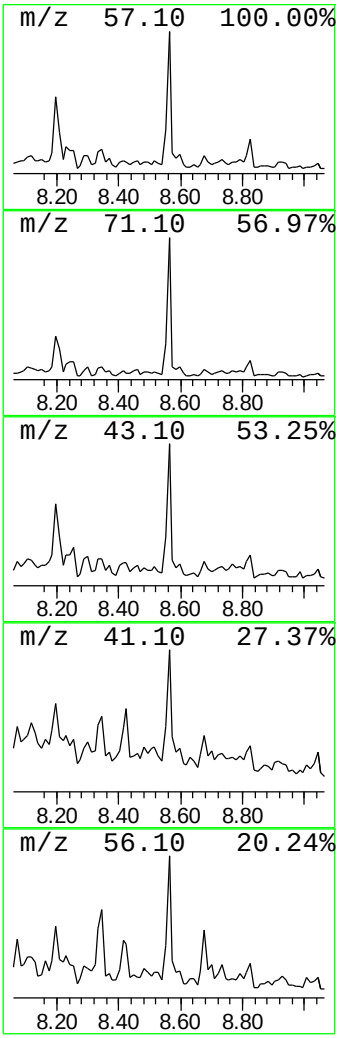
Peak Number 18 Undecane, 6,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	18.28 ng	2727700	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	64





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Acq On : 6 Dec 2016 18:16
Operator : UM/SJ
Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

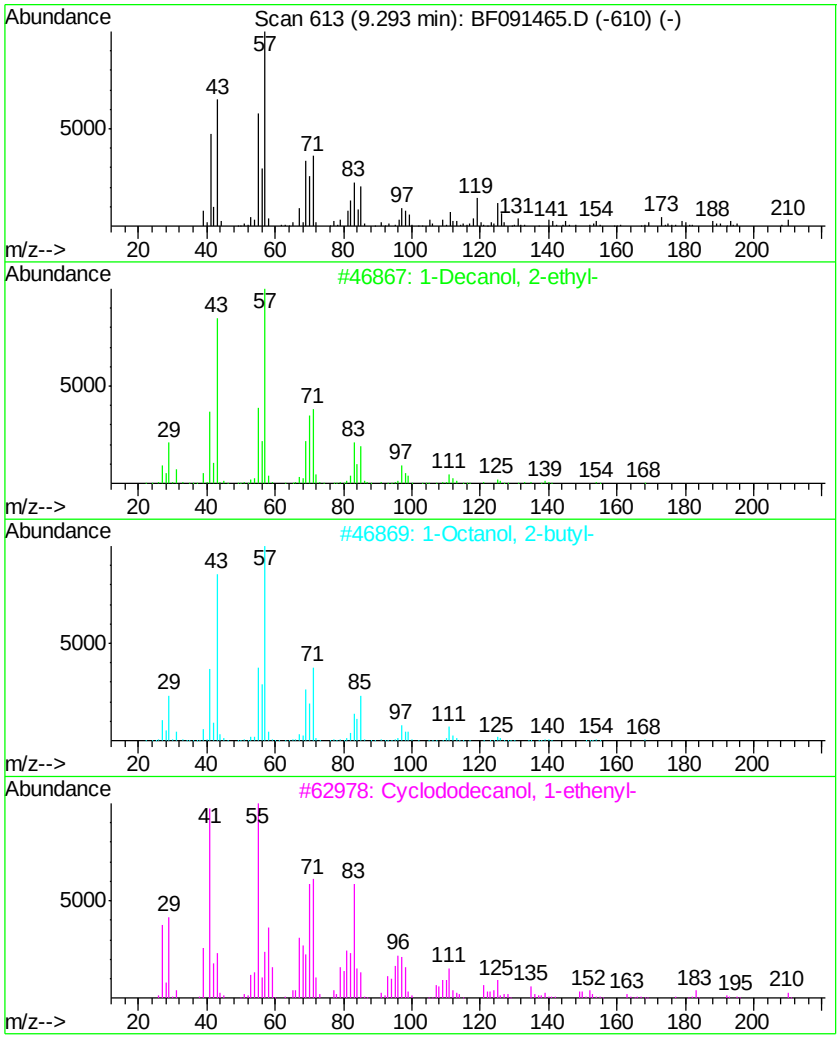
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

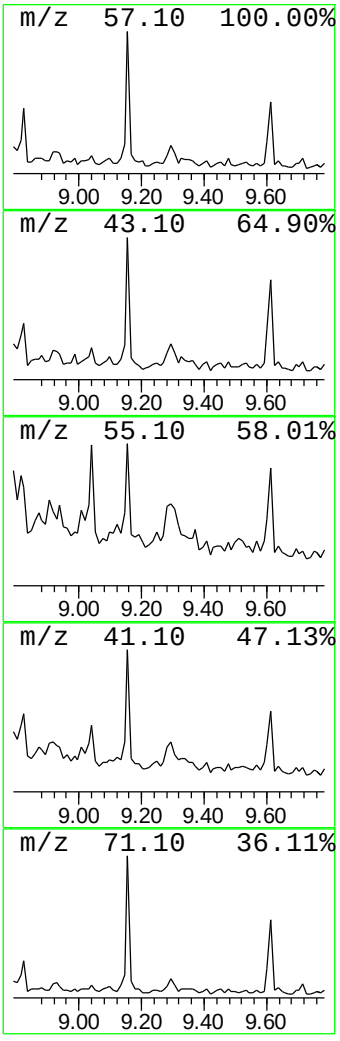
****

Peak Number 19 1-Decanol, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	9.59 ng	611681	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	64
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	58
3	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	50
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	43
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091465.D
Acq On : 6 Dec 2016 18:16
Operator : UM/SJ
Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

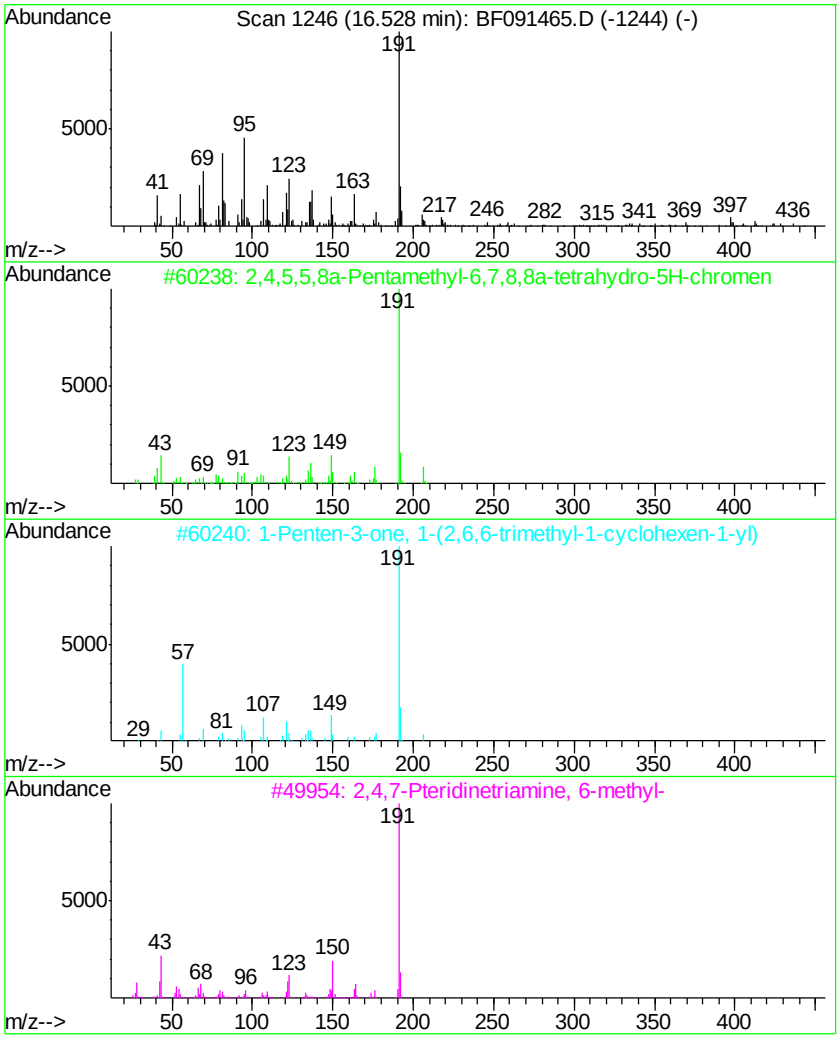
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

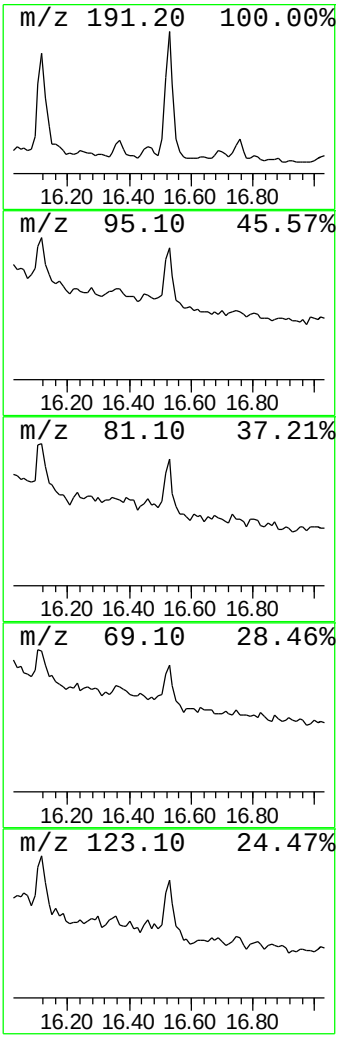
****

Peak Number 20 2,4,5,5,8a-Pentamethyl-6,7,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	20.00 ng	599000	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	50
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	46
3	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	38
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38
5	4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091465.D
Acq On : 6 Dec 2016 18:16
Operator : UM/SJ
Sample : H5836-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP14-15-COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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...	5.02	23.2	ng	1031790	1	6.84	889423	20.0
unknown6.18	6.18	9.6	ng	428181	1	6.84	889423	20.0
trans-3-Decene	6.37	18.1	ng	804766	1	6.84	889423	20.0
unknown6.61	6.61	75.9	ng	3374350	1	6.84	889423	20.0
Decane, 6-ethyl-2...	6.96	14.0	ng	620817	1	6.84	889423	20.0
unknown7.08	7.08	9.4	ng	417373	1	6.84	889423	20.0
1-Decene, 5-methyl-	7.12	23.3	ng	1037980	1	6.84	889423	20.0
Naphthalene, deca...	7.24	18.6	ng	828737	1	6.84	889423	20.0
unknown7.49	7.49	10.4	ng	1550360	2	8.13	2985140	20.0
1-Octanol, 2-butyl-	7.57	12.6	ng	1877700	2	8.13	2985140	20.0
Decane, 3,7-dimet...	7.64	18.1	ng	2696690	2	8.13	2985140	20.0
1-Methyldecahydro...	7.77	21.9	ng	3267340	2	8.13	2985140	20.0
unknown8.07	8.07	14.5	ng	2158680	2	8.13	2985140	20.0
Undecane, 3,6-dim...	8.20	15.3	ng	2285760	2	8.13	2985140	20.0
Cyclohexane, 2-bu...	8.34	10.4	ng	1551820	2	8.13	2985140	20.0
2-Octenal, (E)-	8.42	11.6	ng	1734630	2	8.13	2985140	20.0
Undecane, 6,6-dim...	8.56	18.3	ng	2727700	2	8.13	2985140	20.0
1-Decanol, 2-ethyl-	9.29	9.6	ng	611681	3	9.88	1275990	20.0
2,4,5,5,8a-Pentam...	16.53	20.0	ng	599000	6	15.43	599000	20.0