LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092382.D
Acq On : 20 Jan 2017 19:42
Operator : UM/SJ
Sample : I1271-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

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-BF122116.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	2.210	30	37	40	rBV2	212877	558171	5.22%	0.201%
2	2.667	71	77	80	rBV	393685	870060	8.14%	0.314%
3	2.804	84	89	93	rVV	411944	868026	8.12%	0.313%
4	3.033	104	109	114	rBV2	363151	1109625	10.39%	0.400%
5	3.215	121	125	130	rVB	385205	929014	8.69%	0.335%
6	3.433	137	144	148	rBV2	364580	1075681	10.07%	0.388%
7	4.518	237	239	243	rVB	925138	1271290	11.90%	0.459%
8	4.827	263	266	268	rBV2	391042	687130	6.43%	0.248%
9	4.941	273	276	277	rBV	689330	1134700	10.62%	0.410%
10	4.964	277	278	281	rVB	953765	808093	7.56%	0.292%
11	5.044	284	285	288	rVB	1128750	1226147	11.48%	0.443%
12	5.101	288	290	296	rVB3	686596	1413939	13.23%	0.510%
13	5.341	307	311	313	rBV3	318533	620492	5.81%	0.224%
14	5.490	318	324	327	rBV2	454652	771524	7.22%	0.278%
15	5.570	327	331	335	rBV4	412503	1042933	9.76%	0.376%
16	5.650	335	338	341	rBV3	1132630	1777191	16.63%	0.641%
17	5.707	341	343	345	rVB	519382	649077	6.07%	0.234%
18	5.753	345	347	350	rVB2	1415572	2007855	18.79%	0.725%
19	5.810	350	352	355	rBV	840782	1192149	11.16%	0.430%
20	5.959	361	365	368	rBV2	1737628	3253219	30.45%	1.174%
21	6.027	368	371	372	rVV2	1712698	3456949	32.35%	1.248%
22	6.061	372	374	377	rVB	1531546	2289549	21.43%	0.826%
23	6.119	377	379	381	rBV	1849323	2167807	20.29%	0.782%
24	6.210	384	387	389	rVB3	561329	1369861	12.82%	0.494%
25	6.256	389	391	393	rBV	478171	829889	7.77%	0.300%
26	6.301	393	395	399	rVB2	1533741	2417319	22.62%	0.872%
27	6.370	399	401	403	rVB2	392927	540885	5.06%	0.195%
28	6.461	405	409	412	rBV4	782542	2041305	19.11%	0.737%
29	6.530	412	415	416	rBV	1006944	1394586	13.05%	0.503%
30	6.564	416	418	419	rVB	1607860	2039465	19.09%	0.736%
31	6.599	419	421	425	rBV2	622295	1495178	13.99%	0.540%
32	6.679	425	428	433	rVB3	2318973	7000387	65.52%	2.527%
33	6.793	433	438	439	rBV2	1539477	3413131	31.94%	1.232%
34	6.827	439	441	442	rVB	871828	1098096	10.28%	0.396%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092382.D
Acq On : 20 Jan 2017 19:42
Operator : UM/SJ
Sample : I1271-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.862	442	444	445	rVB	1578681	1472119	13.78%	0.531%
36	6.896	445	447	448	rBV	1458738	1851675	17.33%	0.668%
37	6.942	448	451	453	rVB2	1260596	2057977	19.26%	0.743%
38	6.987	453	455	459	rVB4	571703	1081956	10.13%	0.390%
39	7.079	459	463	470	rBV3	3161511	9239664	86.48%	3.335%
40	7.193	470	473	475	rBV2	1455511	2479698	23.21%	0.895%
41	7.262	475	479	481	rBV3	1041037	2447065	22.90%	0.883%
42	7.319	481	484	485	rBV2	2464993	3549240	33.22%	1.281%
43	7.342	485	486	489	rVB2	3340889	3317275	31.05%	1.197%
44	7.399	489	491	493	rBV3	1220273	1665954	15.59%	0.601%
45	7.456	493	496	498	rBV3	3245537	6621371	61.97%	2.390%
46	7.524	501	502	504	rBV2	1312103	1874356	17.54%	0.676%
47	7.559	504	505	507	rVV2	1712560	2301742	21.54%	0.831%
48	7.604	507	509	511	rVB3	1665909	2374445	22.22%	0.857%
49	7.639	511	512	515	rBV2	1577902	3049267	28.54%	1.101%
50	7.707	515	518	519	rBV	1637477	2316073	21.68%	0.836%
51	7.822	523	528	530	rBV6	4342570	10080171	94.34%	3.638%
52	7.856	530	531	534	rBV3	1835325	3408053	31.90%	1.230%
53	7.913	534	536	539	rVV2	4185371	5373644	50.29%	1.939%
54	8.016	542	545	546	rBV2	1732991	3213090	30.07%	1.160%
55	8.130	549	555	556	rBV5	2925249	7656581	71.66%	2.763%
56	8.165	556	558	559	rVB	1320689	1316341	12.32%	0.475%
57	8.199	559	561	562	rBV	1218220	1202609	11.26%	0.434%
58	8.279	565	568	572	rBV2	5960682	10684612	100.00%	3.856%
59	8.462	580	584	585	rBV3	1440110	3944176	36.91%	1.424%
60	8.599	592	596	597	rBV3	1280496	3312356	31.00%	1.195%
61	8.645	597	600	602	rVV4	2424046	5952270	55.71%	2.148%
62	8.747	605	609	611	rVV4	2635894	5817459	54.45%	2.100%
63	8.816	613	615	617	rVB3	1291757	1226066	11.48%	0.443%
64	8.873	617	620	624	rBV3	4678257	9897780	92.64%	3.572%
65	8.999	628	631	632	rBV2	1219690	2411010	22.57%	0.870%
66	9.056	634	636	640	rVB2	1646572	2502128	23.42%	0.903%
67	9.170	644	646	649	rBV3	2110045	4254770	39.82%	1.536%
68	9.250	651	653	654	rBV	2196700	2389443	22.36%	0.862%
69	9.330	658	660	662	rBV2	3881678	4413527	41.31%	1.593%
70	9.445	668	670	673	rBV4	1092863	2772688	25.95%	1.001%
71	9.490	673	674	676	rVB2	2130959	2153095	20.15%	0.777%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092382.D
Acq On : 20 Jan 2017 19:42
Operator : UM/SJ
Sample : I1271-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.570	679	681	683	rBV3	1955983	3508217	32.83%	1.266%
73	9.696	689	692	694	rVB3	2128041	4116503	38.53%	1.486%
74	9.788	698	700	702	rVV2	3061700	4942531	46.26%	1.784%
75	9.833	702	704	705	rVV	2498263	2819691	26.39%	1.018%
76	9.902	708	710	715	rBV	2457135	5225991	48.91%	1.886%
77	9.982	715	717	721	rVB4	1934655	3591739	33.62%	1.296%
78	10.119	728	729	730	rBV	981203	968416	9.06%	0.350%
79	10.153	730	732	733	rVV2	1438353	1942636	18.18%	0.701%
80	10.188	733	735	736	rVV	1859982	1880318	17.60%	0.679%
81	10.256	738	741	742	rVB	4040664	5664331	53.01%	2.044%
82	10.370	748	751	752	rBV3	1072495	1813678	16.97%	0.655%
83	10.405	752	754	757	rVB3	1419055	1954921	18.30%	0.706%
84	10.519	760	764	767	rVB2	5212427	8082049	75.64%	2.917%
85	10.565	767	768	769	rBV	954954	674333	6.31%	0.243%
86	10.702	778	780	786	rVB6	2883037	6771567	63.38%	2.444%
87	10.908	797	798	800	rBV2	721965	959102	8.98%	0.346%
88	10.976	801	804	807	rVB	4996217	6956012	65.10%	2.511%
89	11.171	819	821	824	rBV2	821370	1353228	12.67%	0.488%
90	11.319	833	834	837	rVB2	1734630	1767778	16.55%	0.638%
91	11.376	837	839	841	rBV3	642211	1155287	10.81%	0.417%
92	11.559	852	855	856	rBV2	722464	1353705	12.67%	0.489%
93	11.582	856	857	860	rVB	1511068	1251431	11.71%	0.452%
94	11.662	862	864	869	rVB3	1327134	3280291	30.70%	1.184%
95	11.788	873	875	877	rVB3	589432	773619	7.24%	0.279%
96	12.028	894	896	900	rVB2	973402	2150888	20.13%	0.776%
97	12.096	900	902	904	rVV	1362910	1977805	18.51%	0.714%
98	12.622	947	948	953	rVB	1708635	2085420	19.52%	0.753%
99	13.662	1037	1039	1042	rBV	690788	892829	8.36%	0.322%
100	15.022	1155	1158	1160	rBV	456749	655470	6.13%	0.237%

Sum of corrected areas: 277072255

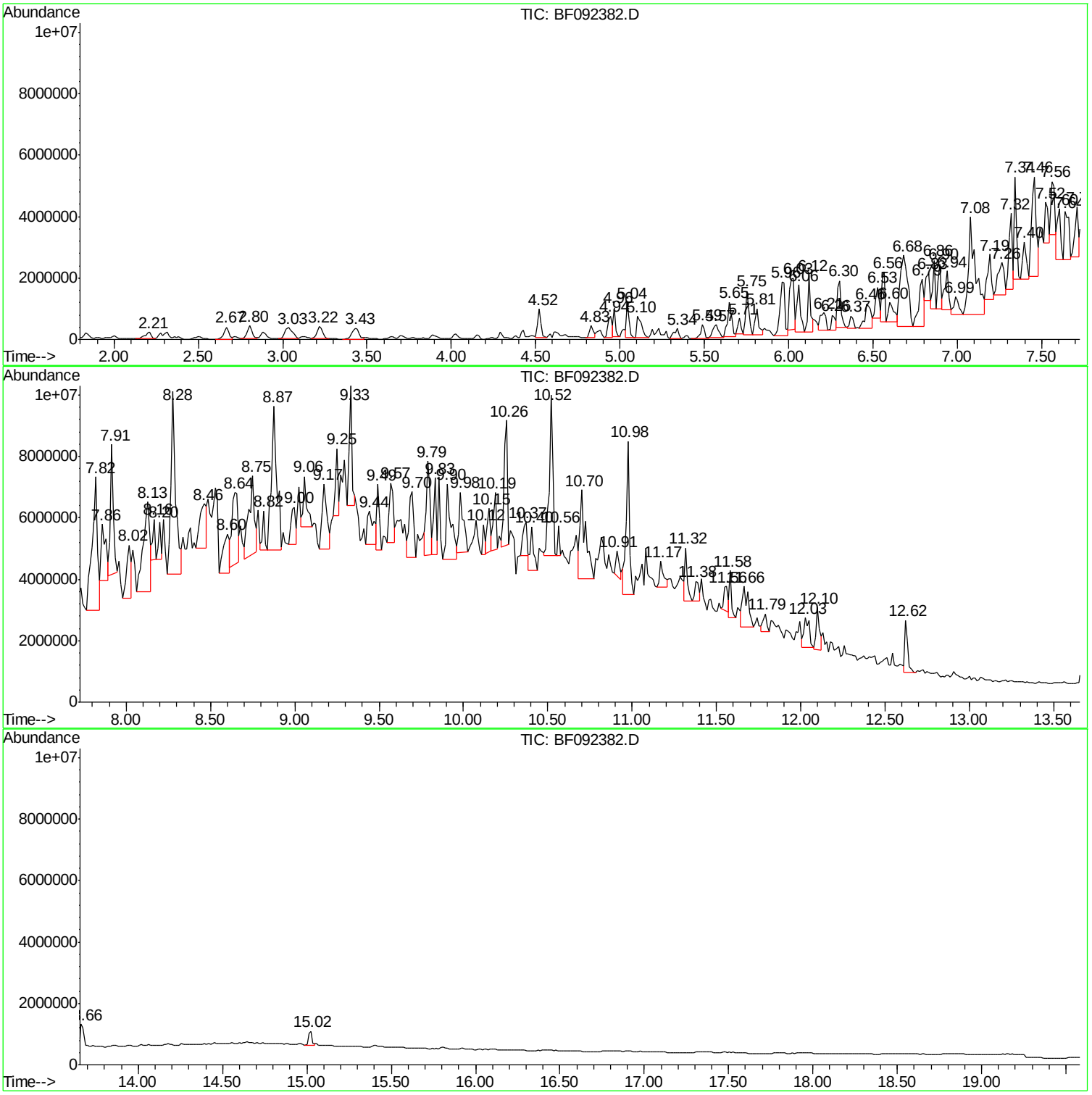
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092382.D
Acq On : 20 Jan 2017 19:42
Operator : UM/SJ
Sample : I1271-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF012017\
Data File : BF092382.D
Acq On : 20 Jan 2017 19:42
Operator : UM/SJ
Sample : I1271-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

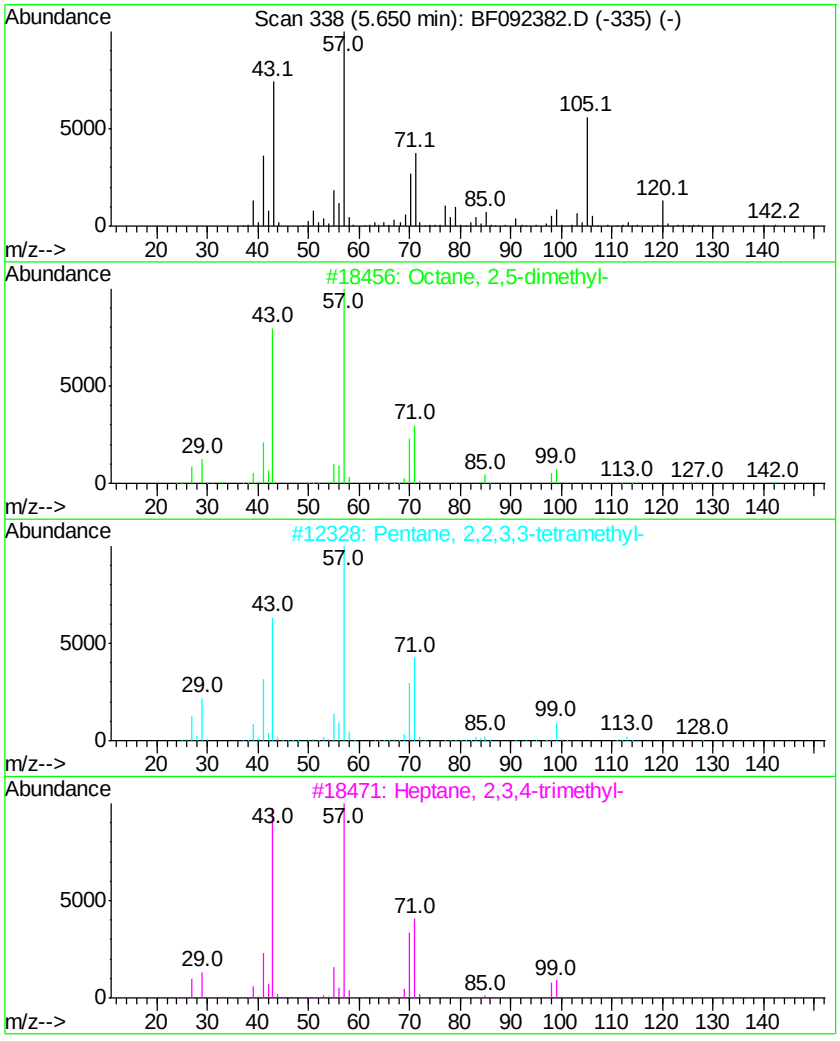
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

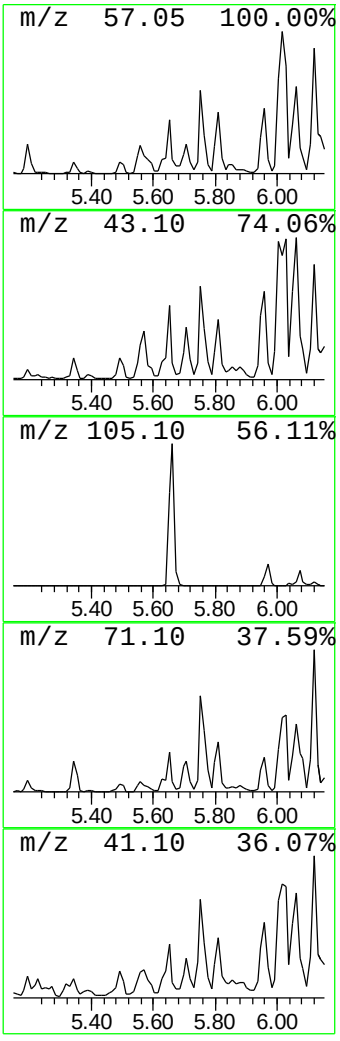
****

Peak Number 1 Octane, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	25.49 ng	1777190	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	70
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	43
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092382.D
Acq On : 20 Jan 2017 19:42
Operator : UM/SJ
Sample : I1271-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

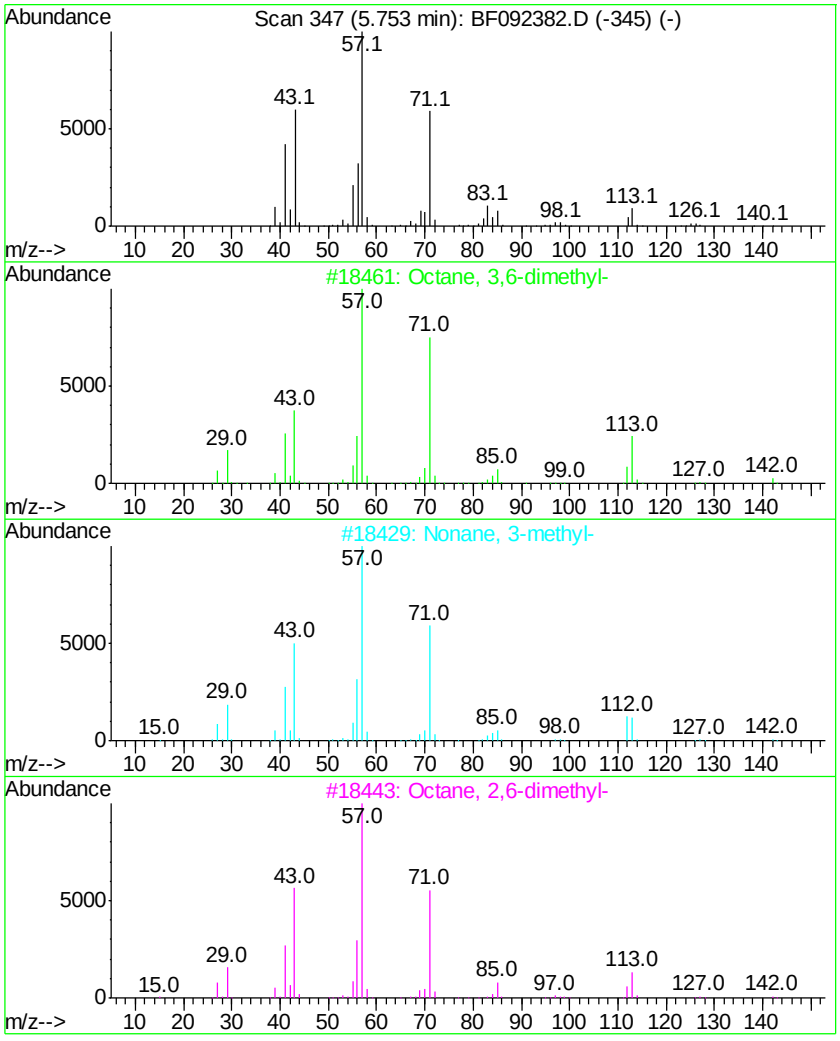
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

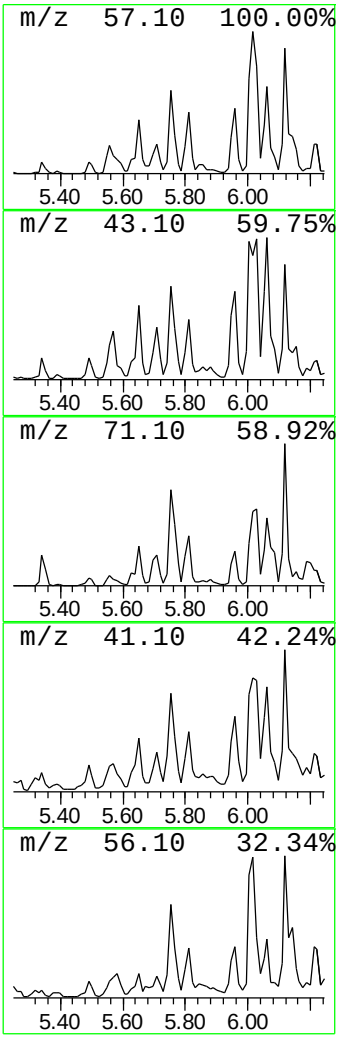
****

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	28.80 ng	2007860	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	53
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092382.D
Acq On : 20 Jan 2017 19:42
Operator : UM/SJ
Sample : I1271-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

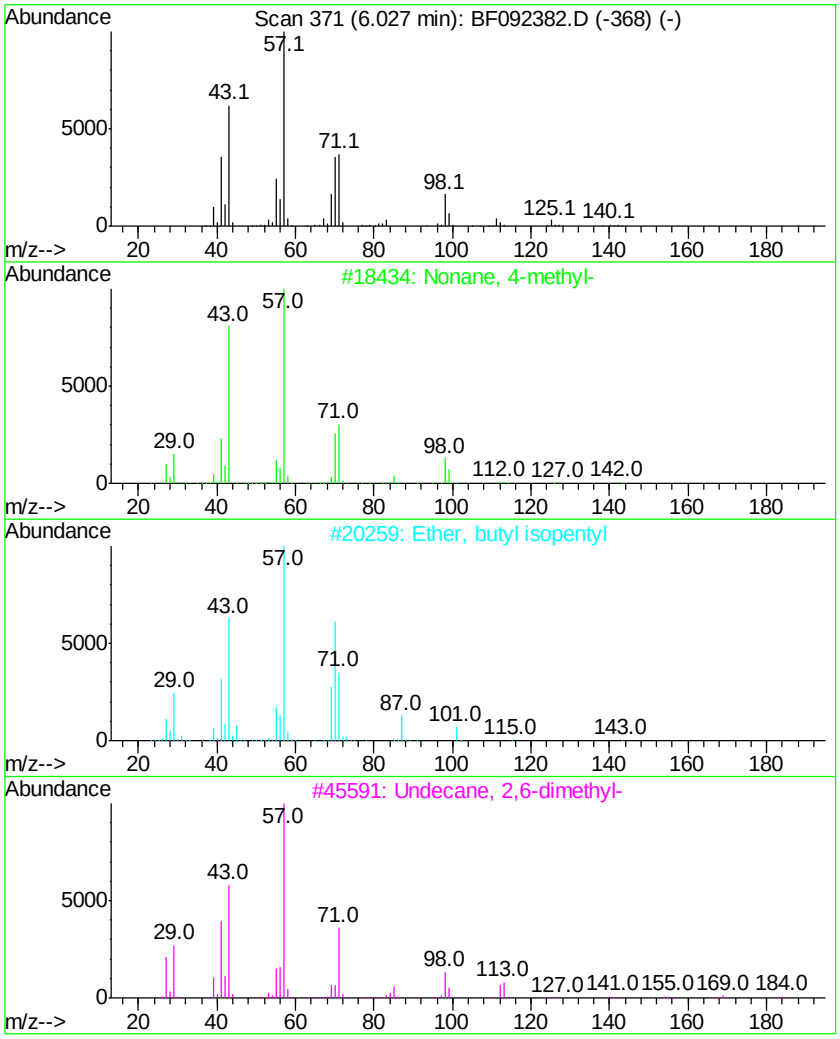
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

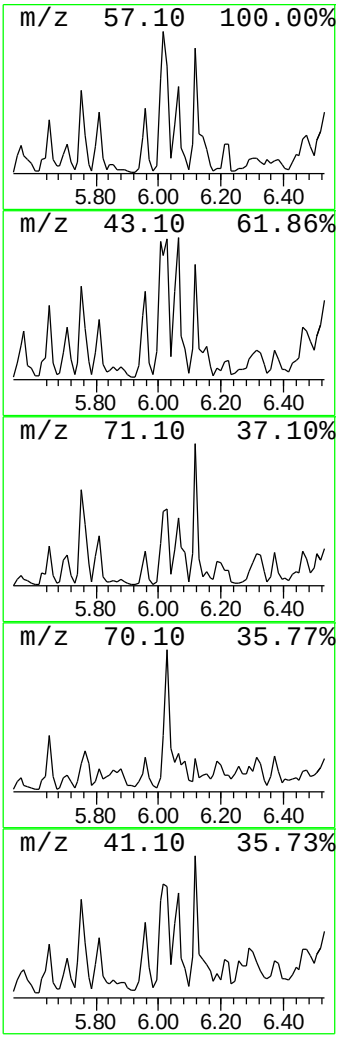
****

Peak Number 4 Nonane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	49.58 ng	3456950	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	80
2	Ether, butyl isopentyl	144	C9H20O	017071-52-2	53
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092382.D
Acq On : 20 Jan 2017 19:42
Operator : UM/SJ
Sample : I1271-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

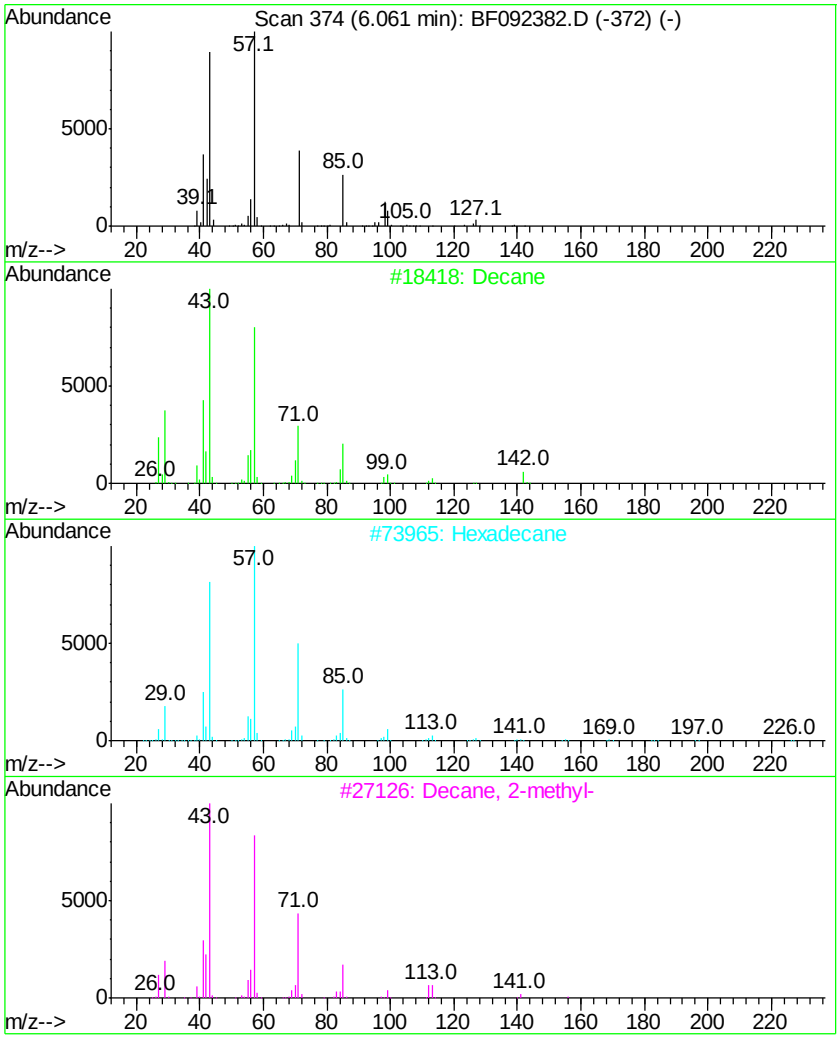
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

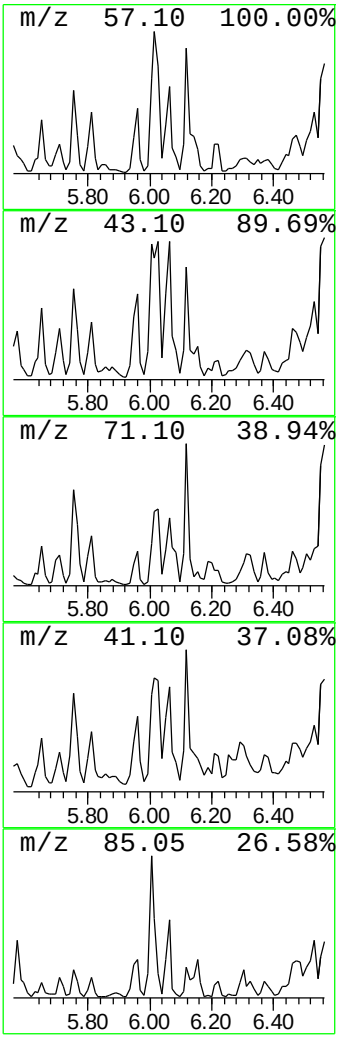
****

Peak Number 5 Decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	32.83 ng	2289550	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Decane, 2-methyl-	156	C11H24	006975-98-0	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Eicosane	282	C20H42	000112-95-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092382.D
Acq On : 20 Jan 2017 19:42
Operator : UM/SJ
Sample : I1271-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

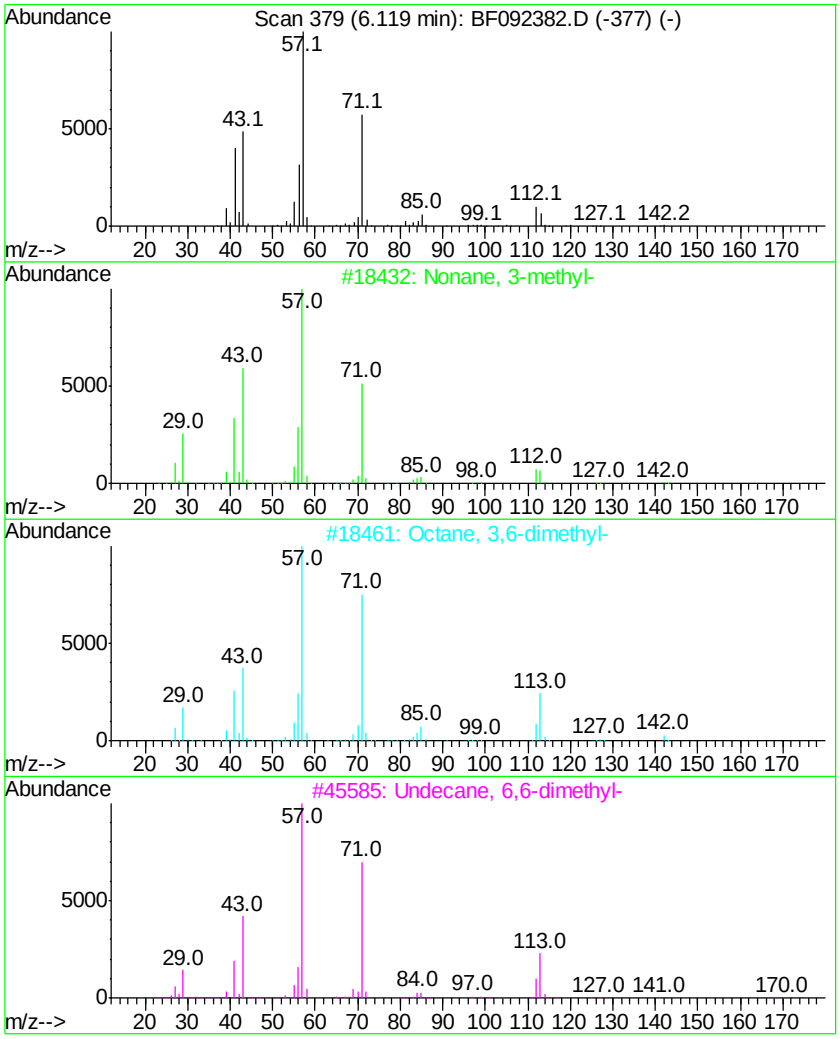
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

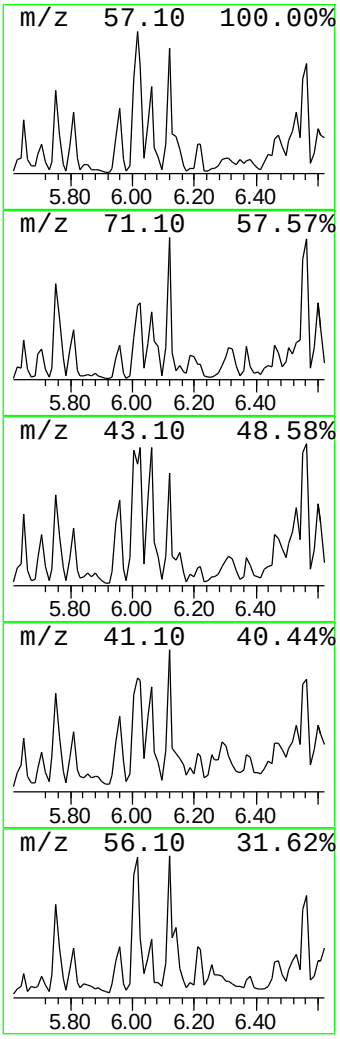
****

Peak Number 6 Nonane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	31.09 ng	2167810	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092382.D
Acq On : 20 Jan 2017 19:42
Operator : UM/SJ
Sample : I1271-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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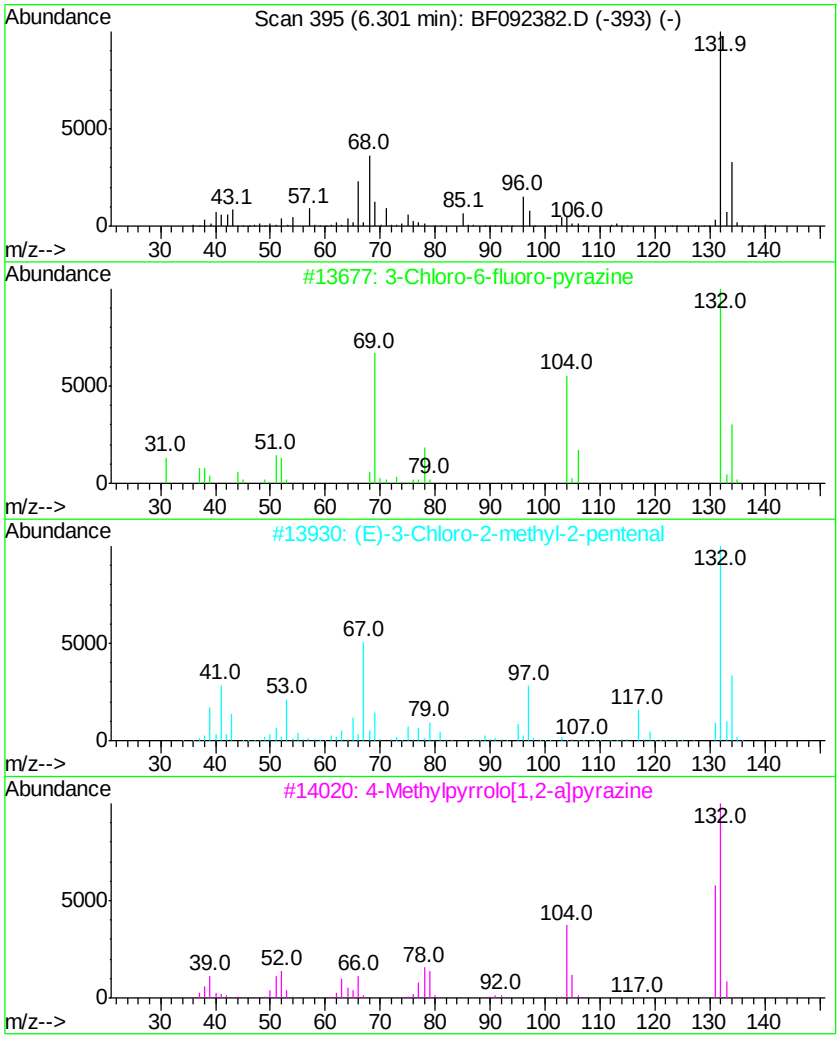
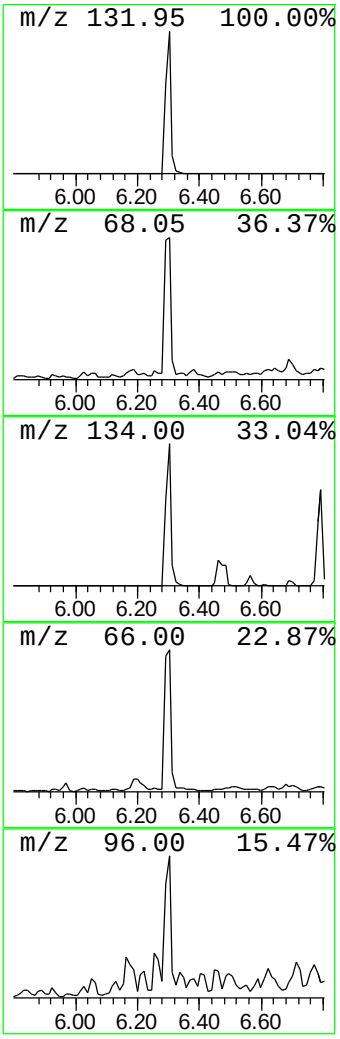
Peak Number 7 unknown6.30 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	34.67 ng	2417320	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	3H-1,2-Dithiol-3-one, 4-methyl-	132	C4H4OS2	003620-10-8	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Acq On : 20 Jan 2017 19:42
Operator : UM/SJ
Sample : I1271-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

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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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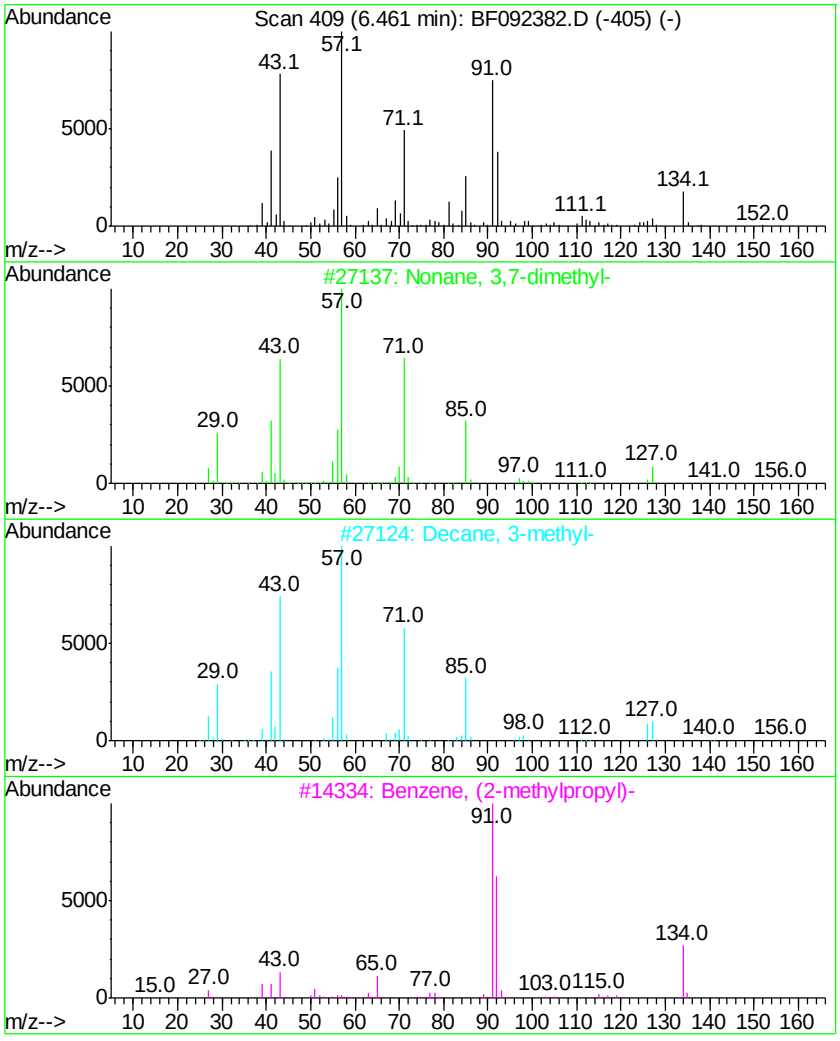
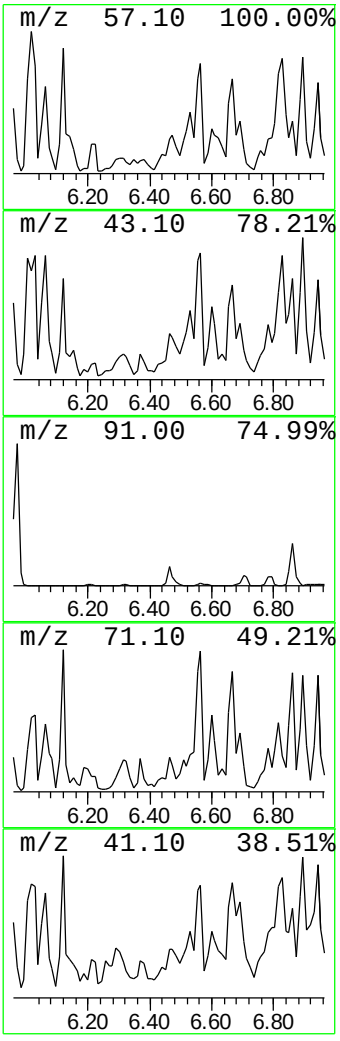
Peak Number 8 unknown6.46 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	29.27 ng	2041310	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
2	Decane, 3-methyl-	156	C11H24	013151-34-3	43
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	38
4	Tridecane	184	C13H28	000629-50-5	38
5	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	38





Library Search Compound Report

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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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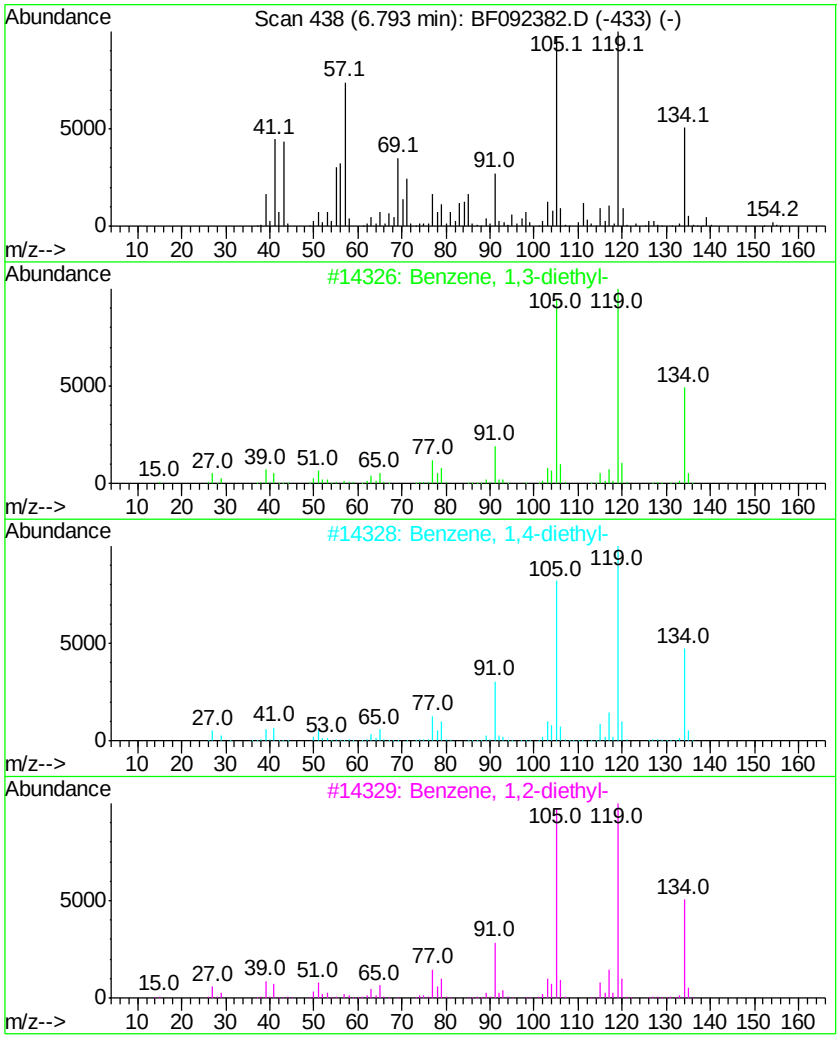
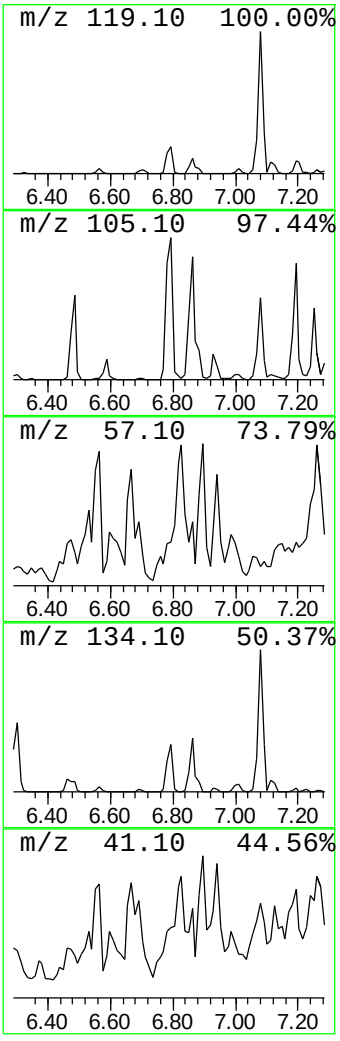
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	48.95 ng	3413130	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70





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Sample : I1271-01 2X
Misc :
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ClientSampleId : GW

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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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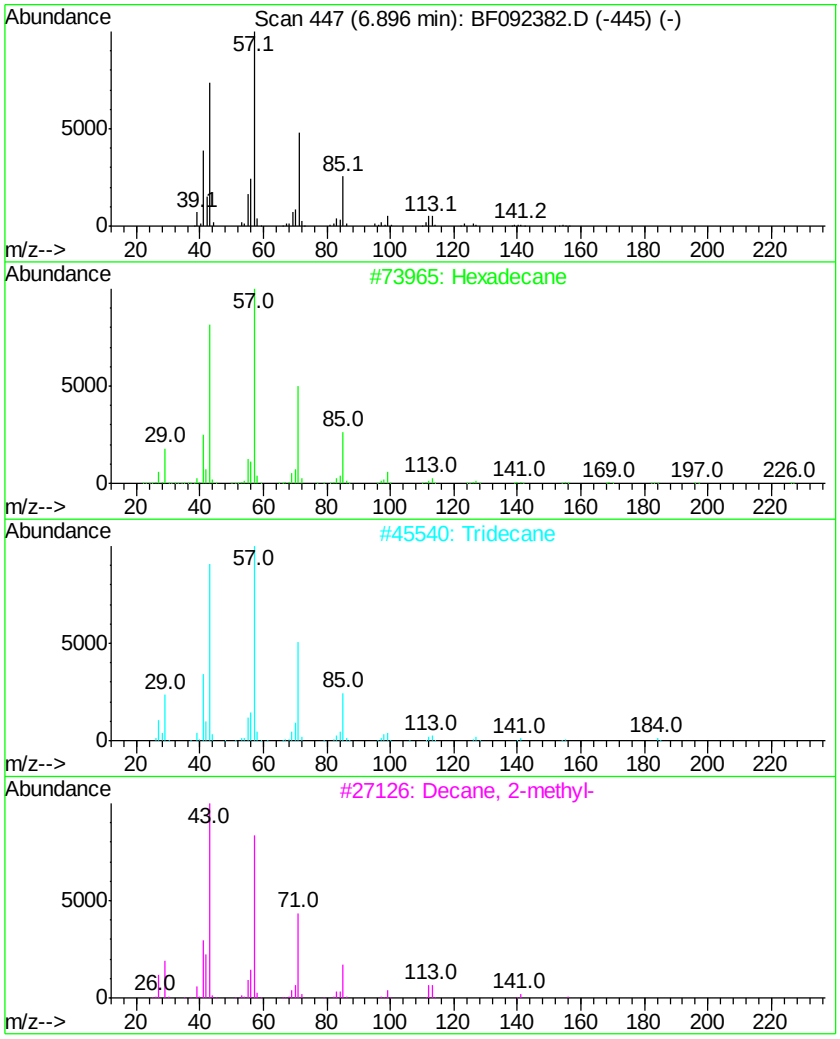
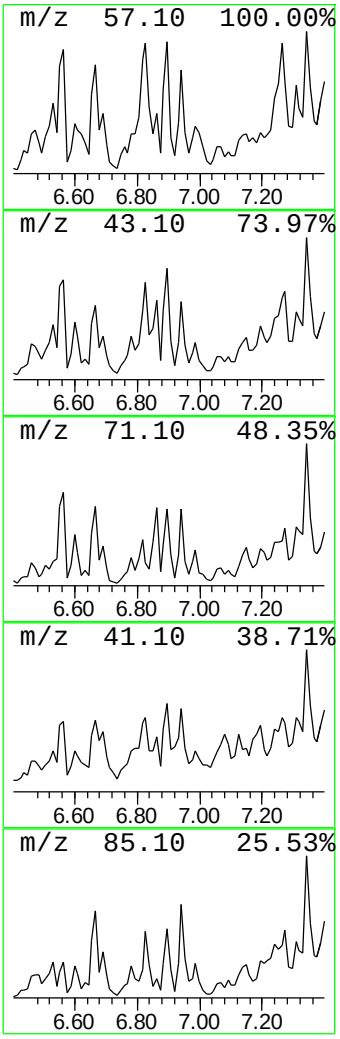
Peak Number 11 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	26.56 ng	1851680	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Tridecane	184	C13H28	000629-50-5	78
3	Decane, 2-methyl-	156	C11H24	006975-98-0	78
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59





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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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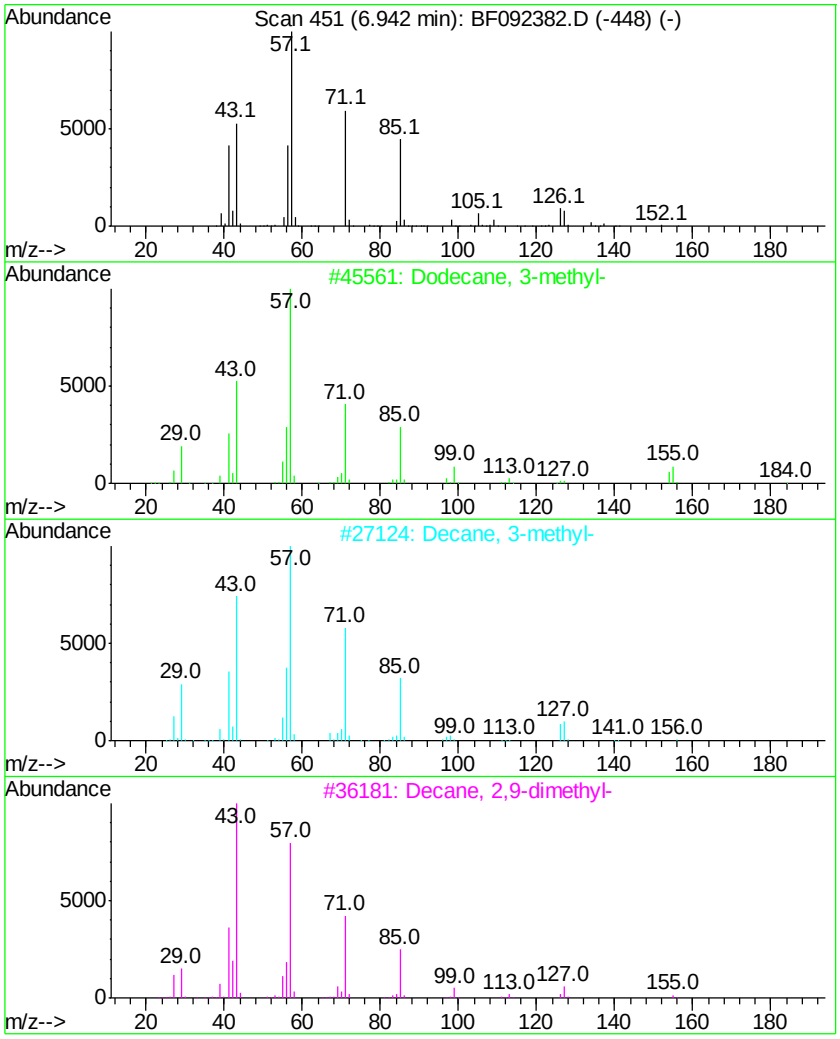
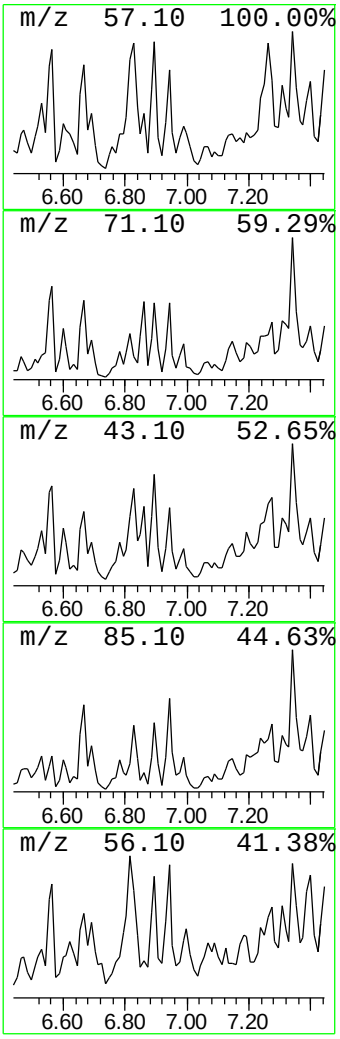
Peak Number 12 Dodecane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	29.51 ng	2057980	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2	Decane, 3-methyl-	156	C11H24	013151-34-3	58
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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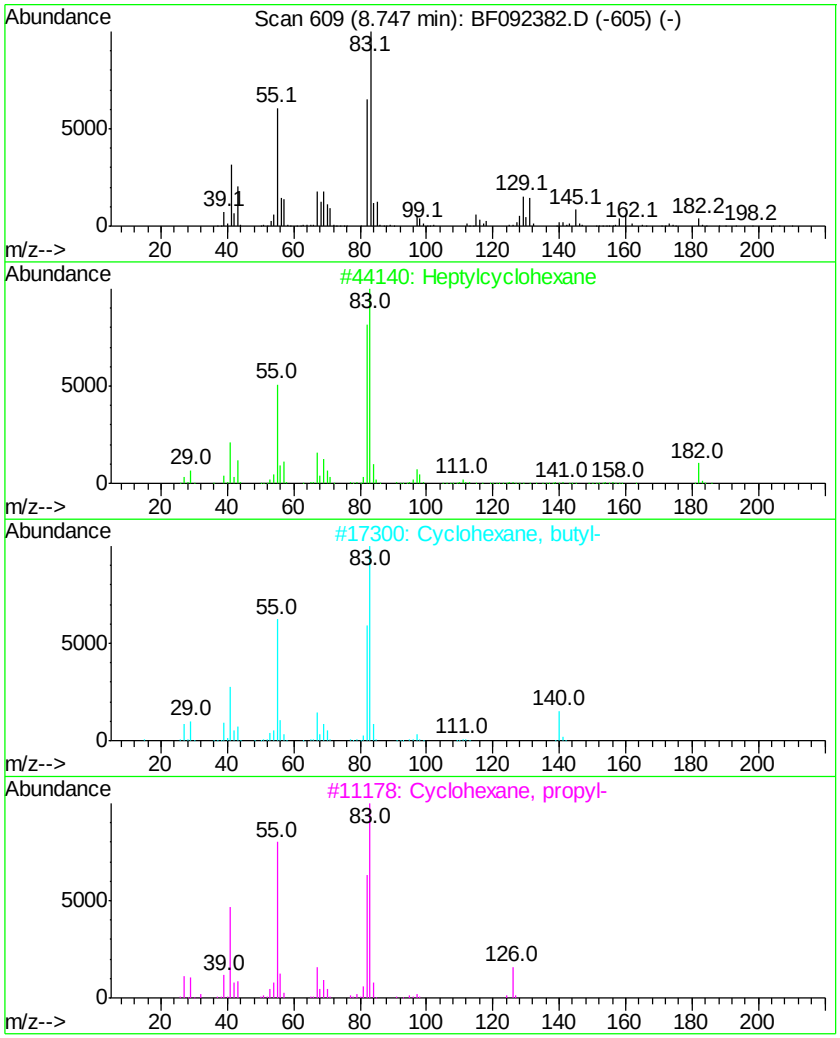
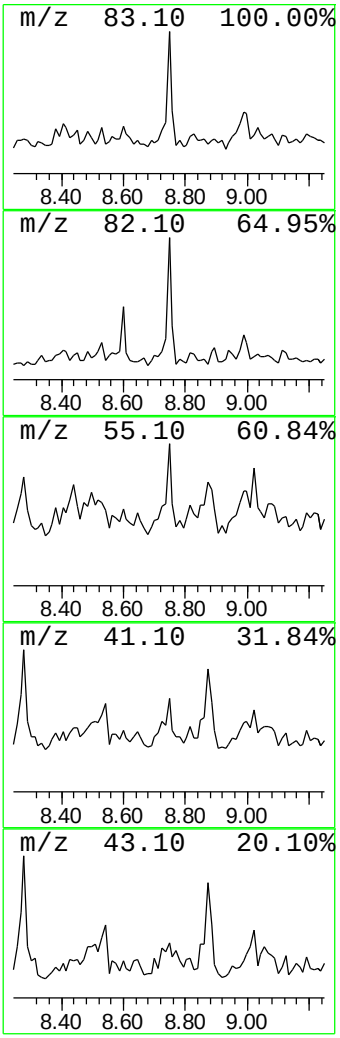
Peak Number 13 Heptylcyclohexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	33.16 ng	5817460	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	76
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	62
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	53





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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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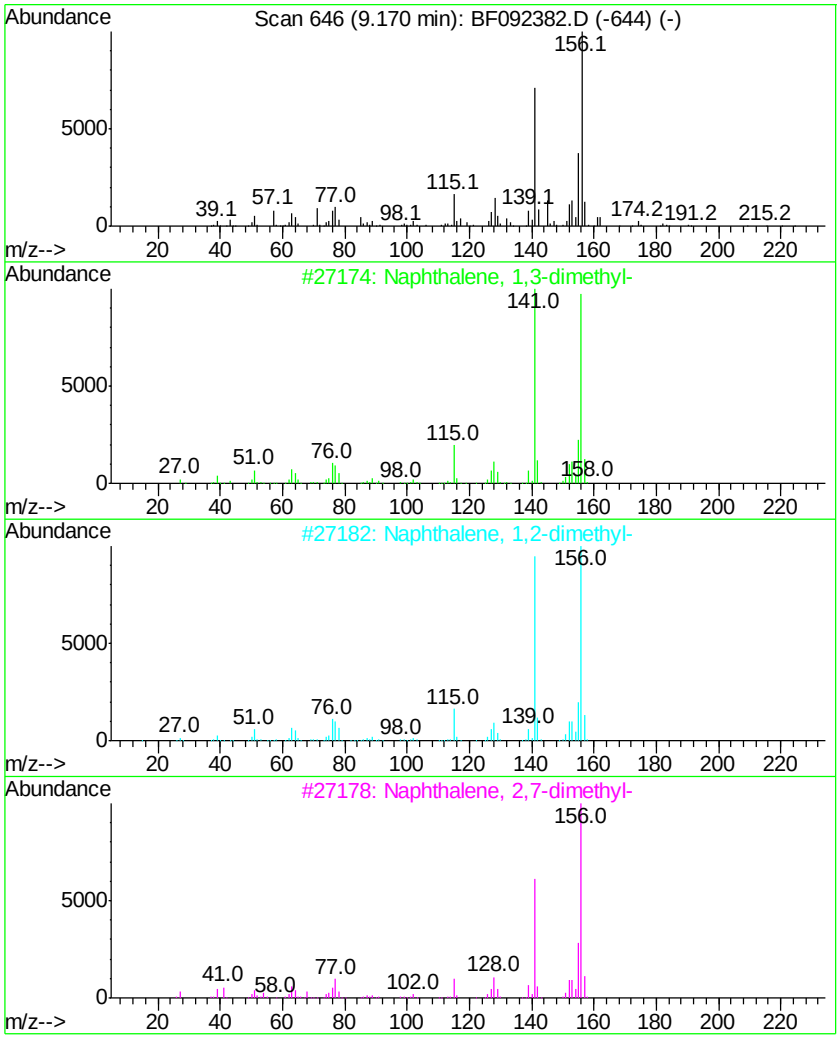
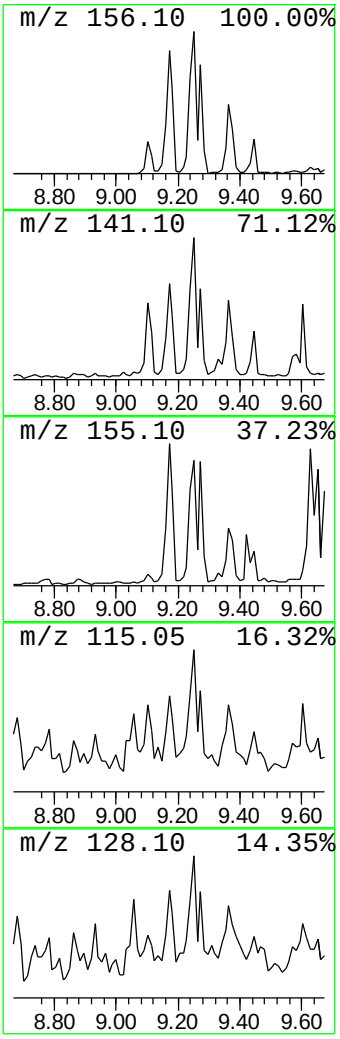
Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	24.26 ng	4254770	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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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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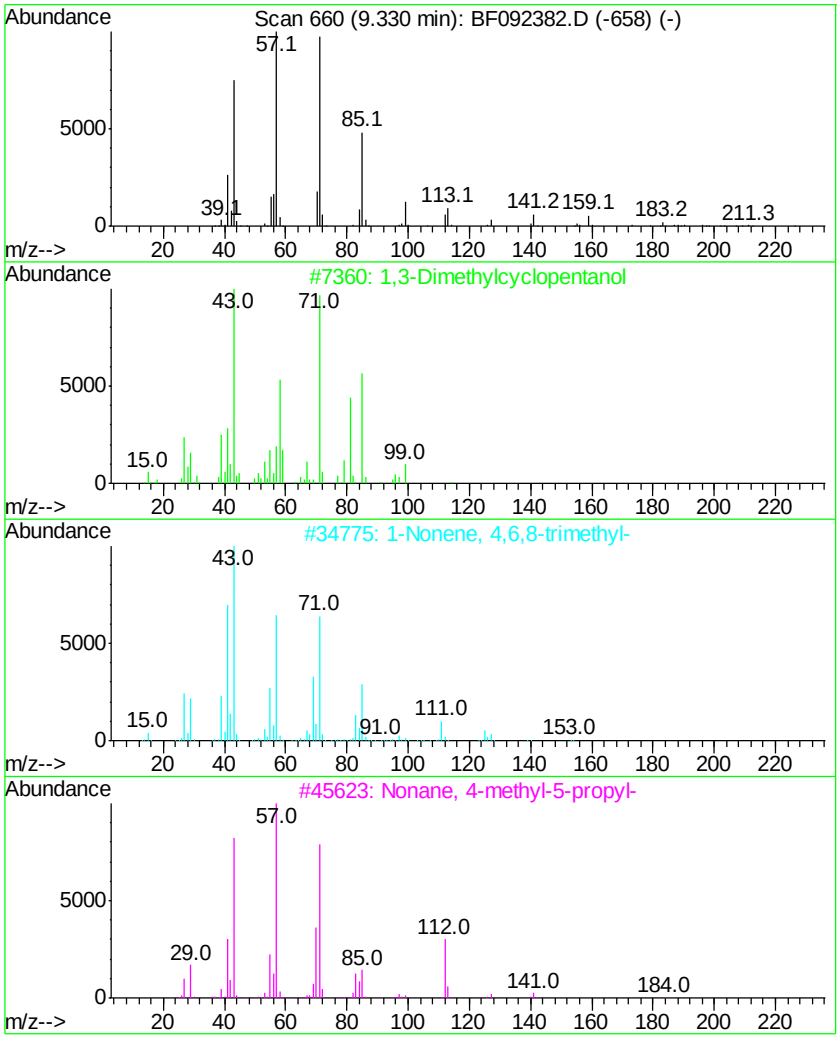
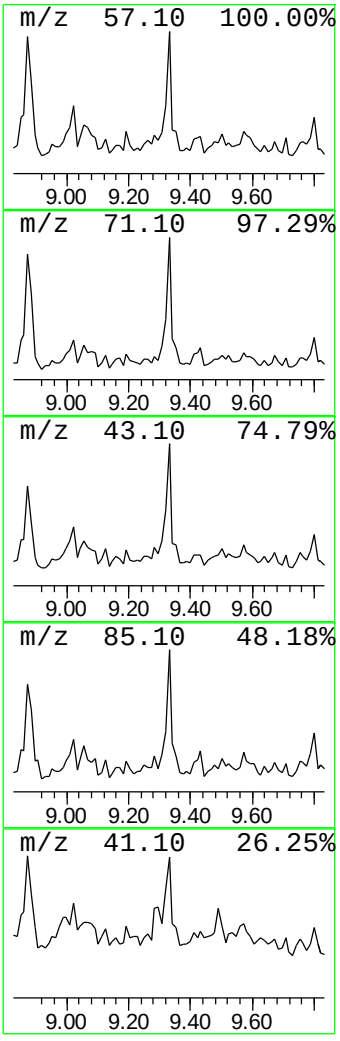
Peak Number 15 1,3-Dimethylcyclopentanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	25.16 ng	4413530	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
2	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	64
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	62
4	Octadecane	254	C18H38	000593-45-3	59
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	59





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Instrument : BNA_F
ClientSampleId : GW

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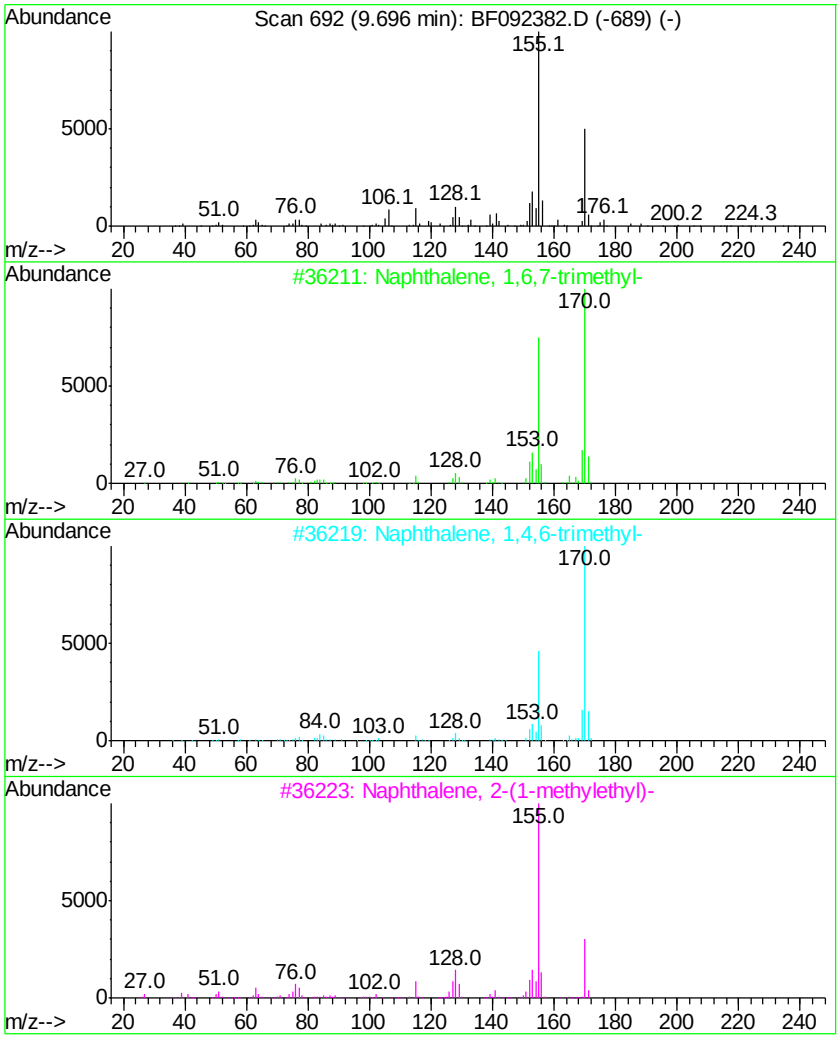
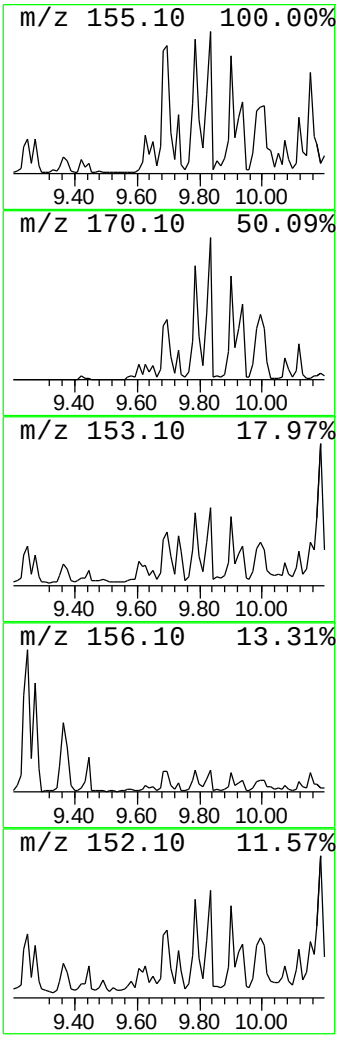
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	23.47 ng	4116500	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72





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

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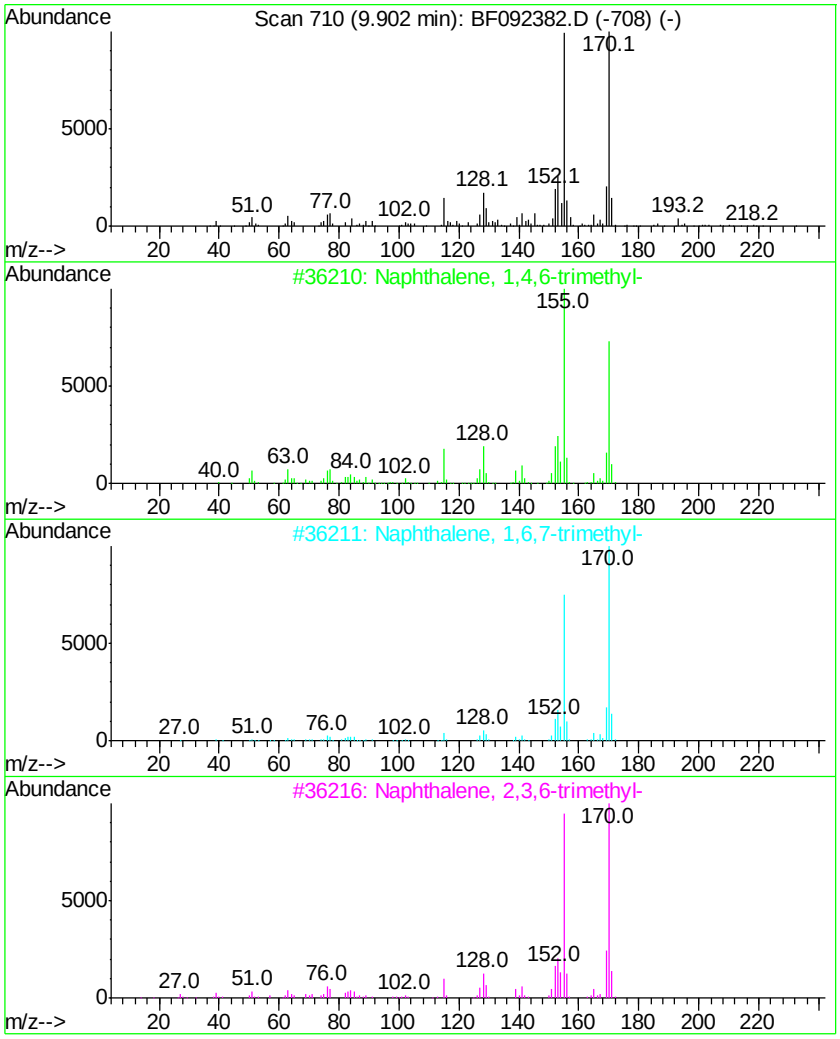
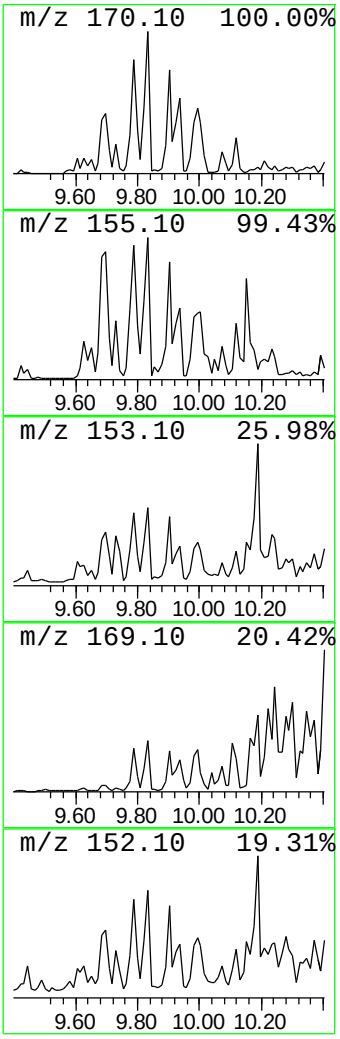
Peak Number 18 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	29.79 ng	5225990	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93





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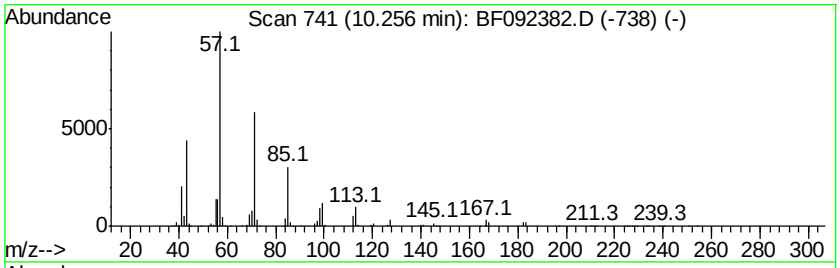
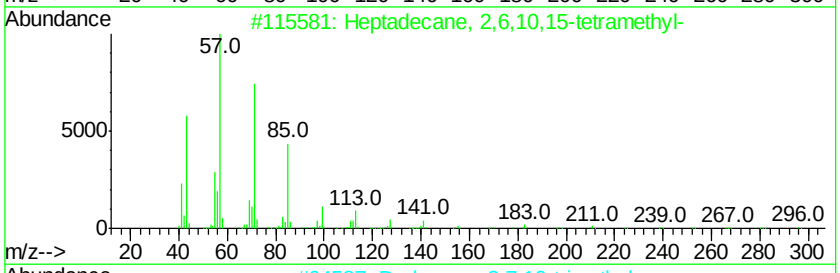
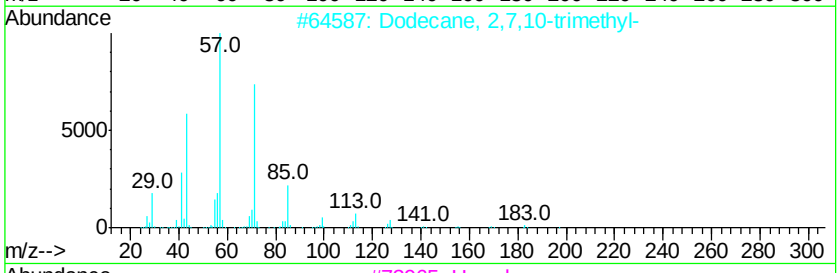
Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

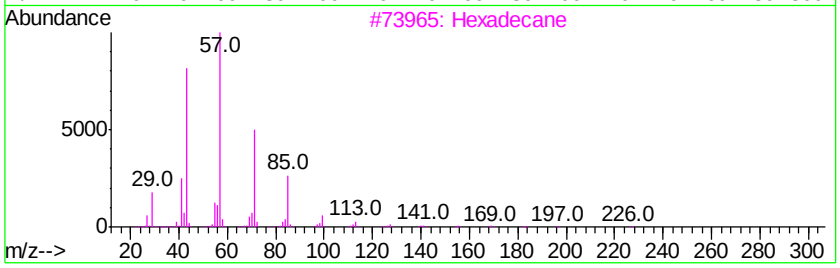
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	32.29 ng	5664330	Acenaphthene-d10	9.58

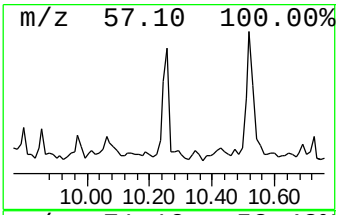
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59

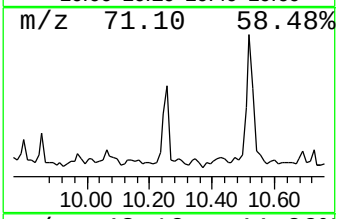


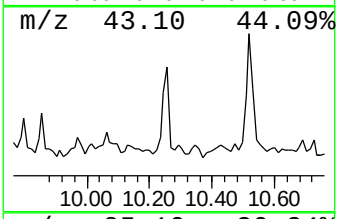


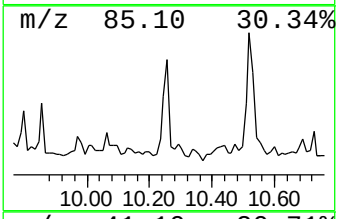


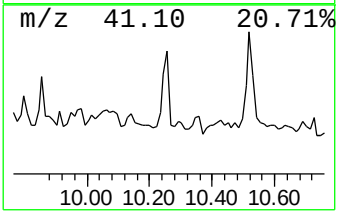












Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092382.D
Acq On : 20 Jan 2017 19:42
Operator : UM/SJ
Sample : I1271-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

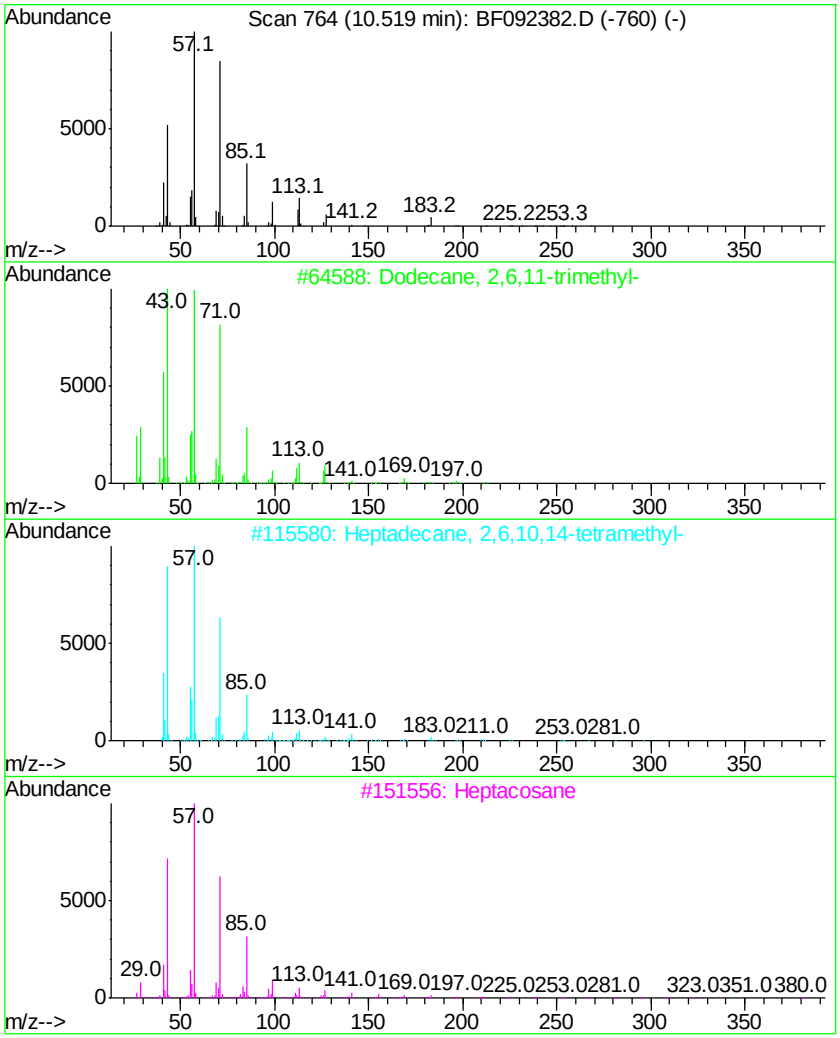
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

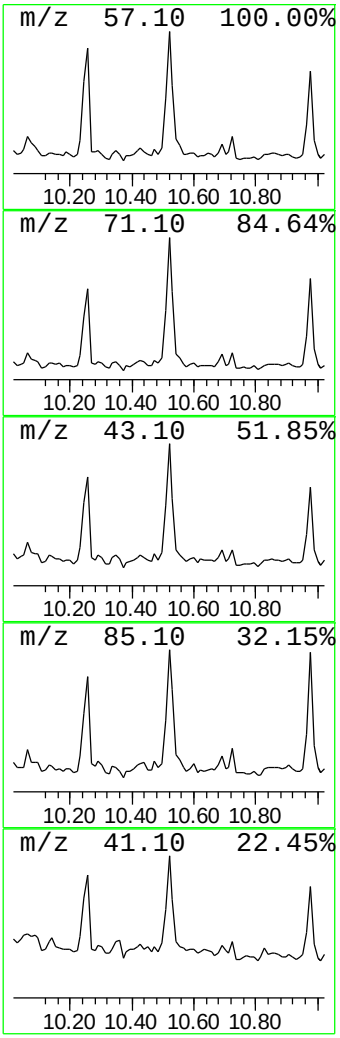
****

Peak Number 20 Dodecane, 2,6,11-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	23.24 ng	8082050	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
3	Heptacosane	380	C27H56	000593-49-7	78
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
Data File : BF092382.D
Acq On : 20 Jan 2017 19:42
Operator : UM/SJ
Sample : I1271-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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
Octane, 2,5-dimet...	5.65	25.5	ng	1777190	1	6.53	1394590	20.0
Octane, 3,6-dimet...	5.75	28.8	ng	2007860	1	6.53	1394590	20.0
Nonane, 4-methyl-	6.03	49.6	ng	3456950	1	6.53	1394590	20.0
Decane	6.06	32.8	ng	2289550	1	6.53	1394590	20.0
Nonane, 3-methyl-	6.12	31.1	ng	2167810	1	6.53	1394590	20.0
unknown6.30	6.30	34.7	ng	2417320	1	6.53	1394590	20.0
unknown6.46	6.46	29.3	ng	2041310	1	6.53	1394590	20.0
Benzene, 1,3-diet...	6.79	49.0	ng	3413130	1	6.53	1394590	20.0
Hexadecane	6.90	26.6	ng	1851680	1	6.53	1394590	20.0
Dodecane, 3-methyl-	6.94	29.5	ng	2057980	1	6.53	1394590	20.0
Heptylcyclohexane	8.75	33.2	ng	5817460	3	9.58	3508220	20.0
Naphthalene, 1,3-...	9.17	24.3	ng	4254770	3	9.58	3508220	20.0
1,3-Dimethylcyclo...	9.33	25.2	ng	4413530	3	9.58	3508220	20.0
Naphthalene, 1,6,...	9.70	23.5	ng	4116500	3	9.58	3508220	20.0
Naphthalene, 1,4,...	9.90	29.8	ng	5225990	3	9.58	3508220	20.0
Heptadecane, 2,6,...	10.26	32.3	ng	5664330	3	9.58	3508220	20.0
Dodecane, 2,6,11-...	10.52	23.2	ng	8082050	4	11.06	6956010	20.0