LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

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-BF060716.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	1.690	6	9	55	rVB	822434	2277919	100.00%	7.991%
2	4.604	262	264	267	rBV	19137	24380	1.07%	0.086%
3	4.661	267	269	277	rBV	79078	179005	7.86%	0.628%
4	4.844	283	285	287	rBV2	16580	23623	1.04%	0.083%
5	5.130	308	310	318	rBV	1341619	1602424	70.35%	5.622%
6	5.244	318	320	322	rVV	31425	52855	2.32%	0.185%
7	5.290	322	324	326	rVV	35179	42472	1.86%	0.149%
8	5.336	326	328	333	rVB3	21686	35323	1.55%	0.124%
9	5.507	339	343	346	rBV2	45825	79977	3.51%	0.281%
10	5.564	346	348	353	rVB4	14516	45379	1.99%	0.159%
11	5.656	353	356	359	rVB2	51956	82320	3.61%	0.289%
12	5.724	359	362	363	rBV	31836	50338	2.21%	0.177%
13	5.759	363	365	369	rVB3	121583	202932	8.91%	0.712%
14	5.827	369	371	374	rBV2	65749	120504	5.29%	0.423%
15	5.964	379	383	386	rBV3	77108	144339	6.34%	0.506%
16	6.044	386	390	391	rBV2	118815	188921	8.29%	0.663%
17	6.079	391	393	395	rVB3	32129	60104	2.64%	0.211%
18	6.136	395	398	399	rBV	25404	43582	1.91%	0.153%
19	6.170	399	401	402	rBV2	38106	41546	1.82%	0.146%
20	6.216	402	405	408	rVV	1321224	1551120	68.09%	5.442%
21	6.273	408	410	411	rVV	93903	142555	6.26%	0.500%
22	6.319	411	414	416	rVV	1455693	1766375	77.54%	6.197%
23	6.387	418	420	422	rBV2	49783	66088	2.90%	0.232%
24	6.490	426	429	432	rBV5	44134	152584	6.70%	0.535%
25	6.536	432	433	437	rVB2	230533	542870	23.83%	1.905%
26	6.604	437	439	443	rBV4	43705	111633	4.90%	0.392%
27	6.696	443	447	451	rVB	1448013	1641777	72.07%	5.760%
28	6.822	451	458	460	rBV3	96635	292200	12.83%	1.025%
29	6.890	463	464	466	rBV2	63717	87103	3.82%	0.306%
30	6.925	466	467	469	rVB	134269	121831	5.35%	0.427%
31	6.959	469	470	471	rBV	57566	51515	2.26%	0.181%
32	6.982	471	472	474	rVB	18860	24234	1.06%	0.085%
33	7.085	477	481	482	rBV2	131782	253400	11.12%	0.889%
34	7.119	482	484	488	rVB	890861	985155	43.25%	3.456%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.199	488	491	493	rVB2	112820	226426	9.94%	0.794%
36	7.245	493	495	496	rBV	62307	117468	5.16%	0.412%
37	7.267	496	497	499	rVB	81230	68882	3.02%	0.242%
38	7.313	499	501	503	rBV3	81184	194060	8.52%	0.681%
39	7.347	503	504	506	rVB	228361	182731	8.02%	0.641%
40	7.405	506	509	511	rBV2	49766	77290	3.39%	0.271%
41	7.462	511	514	515	rBV2	216685	355705	15.62%	1.248%
42	7.576	522	524	526	rBV3	53052	107778	4.73%	0.378%
43	7.656	529	531	533	rBV3	67166	86121	3.78%	0.302%
44	7.713	533	536	539	rBV3	72503	185853	8.16%	0.652%
45	7.827	539	546	548	rBV	615379	985073	43.24%	3.456%
46	7.907	552	553	554	rVV	271684	207102	9.09%	0.727%
47	7.953	556	557	559	rVB2	67354	88599	3.89%	0.311%
48	7.999	559	561	562	rBV2	71714	118099	5.18%	0.414%
49	8.125	568	572	574	rBV4	132080	250012	10.98%	0.877%
50	8.193	577	578	579	rVV	41247	30047	1.32%	0.105%
51	8.216	579	580	582	rVB2	88821	103835	4.56%	0.364%
52	8.273	582	585	591	rBV	391450	664024	29.15%	2.330%
53	8.365	591	593	595	rBV3	53909	90104	3.96%	0.316%
54	8.456	597	601	602	rBV4	90407	263776	11.58%	0.925%
55	8.525	605	607	609	rVB2	149997	266722	11.71%	0.936%
56	8.593	609	613	615	rBV4	62327	177254	7.78%	0.622%
57	8.650	615	618	619	rBV3	55809	89361	3.92%	0.313%
58	8.742	622	626	628	rBV5	136081	226420	9.94%	0.794%
59	8.810	630	632	634	rVB2	72853	83271	3.66%	0.292%
60	8.868	634	637	638	rBV	393464	432522	18.99%	1.517%
61	8.913	638	641	643	rBV	1728004	1691381	74.25%	5.934%
62	9.005	645	649	651	rBV3	91396	220006	9.66%	0.772%
63	9.108	657	658	661	rVB3	44333	48249	2.12%	0.169%
64	9.176	661	664	666	rBV2	82283	136722	6.00%	0.480%
65	9.210	666	667	668	rVV	60099	48243	2.12%	0.169%
66	9.245	668	670	672	rVV	161287	192408	8.45%	0.675%
67	9.279	672	673	674	rVB	130998	89865	3.95%	0.315%
68	9.313	674	676	680	rBV	596739	634279	27.84%	2.225%
69	9.439	685	687	689	rBV3	45087	62241	2.73%	0.218%
70	9.485	689	691	693	rVB2	102264	127848	5.61%	0.449%
71	9.530	693	695	696	rBV	60345	92213	4.05%	0.324%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.576	696	699	701	rBV	516935	529464	23.24%	1.857%
73	9.690	707	709	711	rVB	77308	114127	5.01%	0.400%
74	9.736	711	713	714	rVV2	33352	48006	2.11%	0.168%
75	9.782	715	717	719	rVV2	109975	131694	5.78%	0.462%
76	9.828	719	721	725	rVB2	80316	174528	7.66%	0.612%
77	9.896	725	727	729	rBV	86846	96804	4.25%	0.340%
78	9.976	732	734	736	rBV3	64134	90967	3.99%	0.319%
79	10.022	736	738	740	rVB	56358	57029	2.50%	0.200%
80	10.068	740	742	745	rVB4	30071	51318	2.25%	0.180%
81	10.125	745	747	748	rBV2	23524	45137	1.98%	0.158%
82	10.239	755	757	759	rVB	128587	125909	5.53%	0.442%
83	10.285	759	761	763	rVB2	33222	54116	2.38%	0.190%
84	10.365	766	768	771	rBV	660889	742845	32.61%	2.606%
85	10.502	777	780	783	rVB2	160185	225099	9.88%	0.790%
86	10.559	783	785	786	rBV2	20438	22922	1.01%	0.080%
87	10.696	795	797	800	rVB3	24068	47572	2.09%	0.167%
88	10.971	819	821	823	rVB	87249	101791	4.47%	0.357%
89	11.051	827	828	833	rBV2	256410	379253	16.65%	1.331%
90	11.313	849	851	854	rVB	42505	44562	1.96%	0.156%
91	11.736	886	888	890	rBV	28234	43634	1.92%	0.153%
92	12.045	913	915	917	rBV2	64415	108541	4.76%	0.381%
93	12.262	932	934	935	rBV	63993	83803	3.68%	0.294%
94	12.296	935	937	939	rVV2	87894	115840	5.09%	0.406%
95	12.639	965	967	970	rBV	1153033	1220932	53.60%	4.283%
96	12.925	990	992	996	rBV	117256	231253	10.15%	0.811%
97	13.531	1043	1045	1050	rBV2	175682	431997	18.96%	1.516%
98	13.691	1058	1059	1065	rBV2	256903	563681	24.75%	1.978%
99	15.943	1254	1256	1264	rVB	226233	511113	22.44%	1.793%

Sum of corrected areas: 28504310

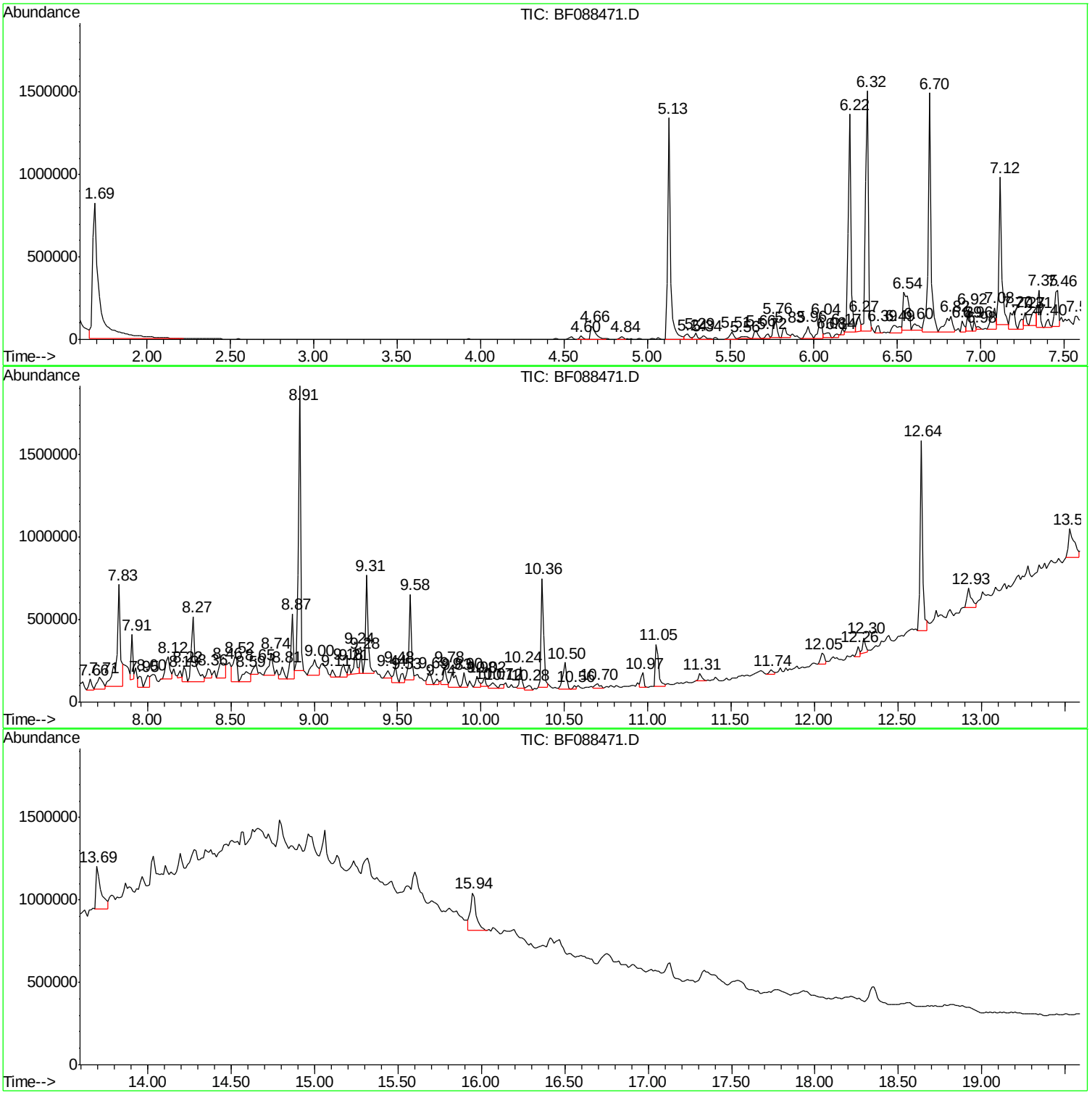
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

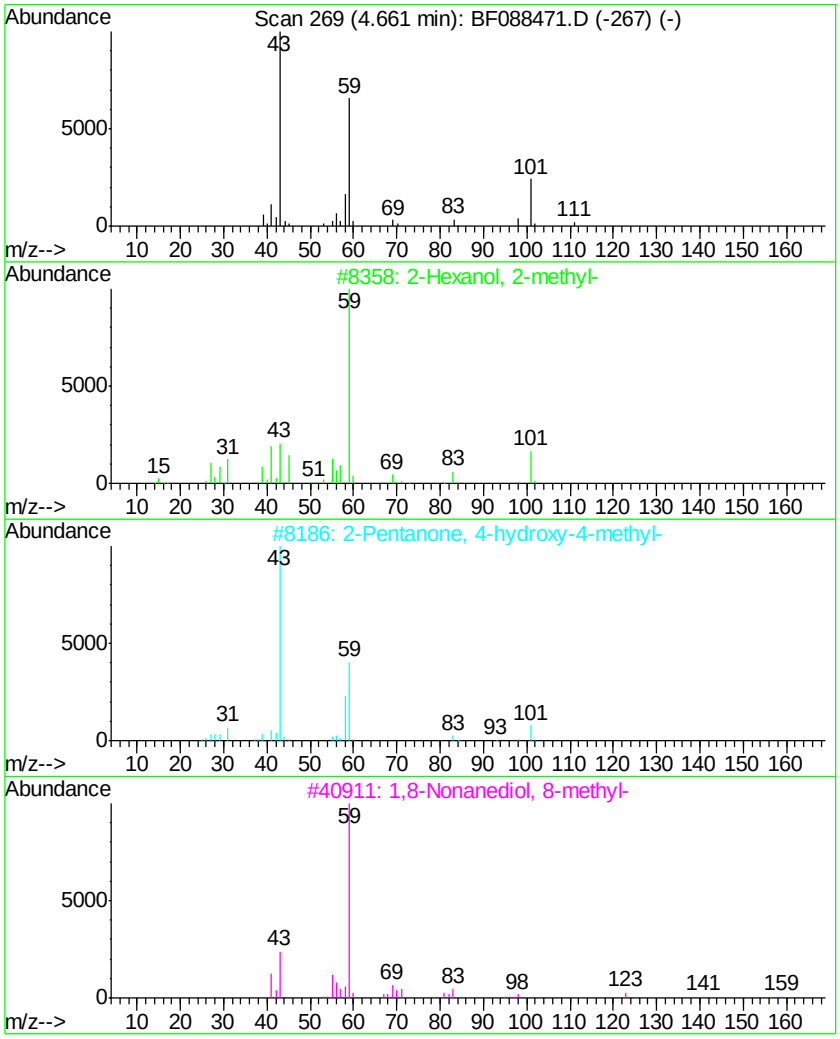
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

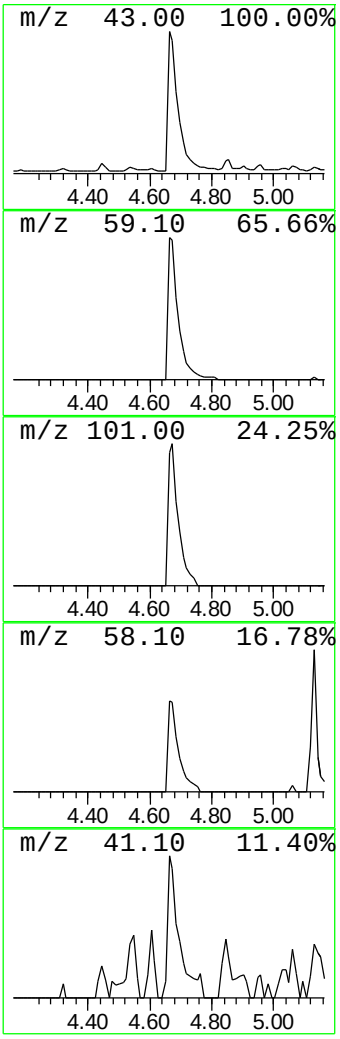
****

Peak Number 2 unknown4.66 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	6.59 ng	179005	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

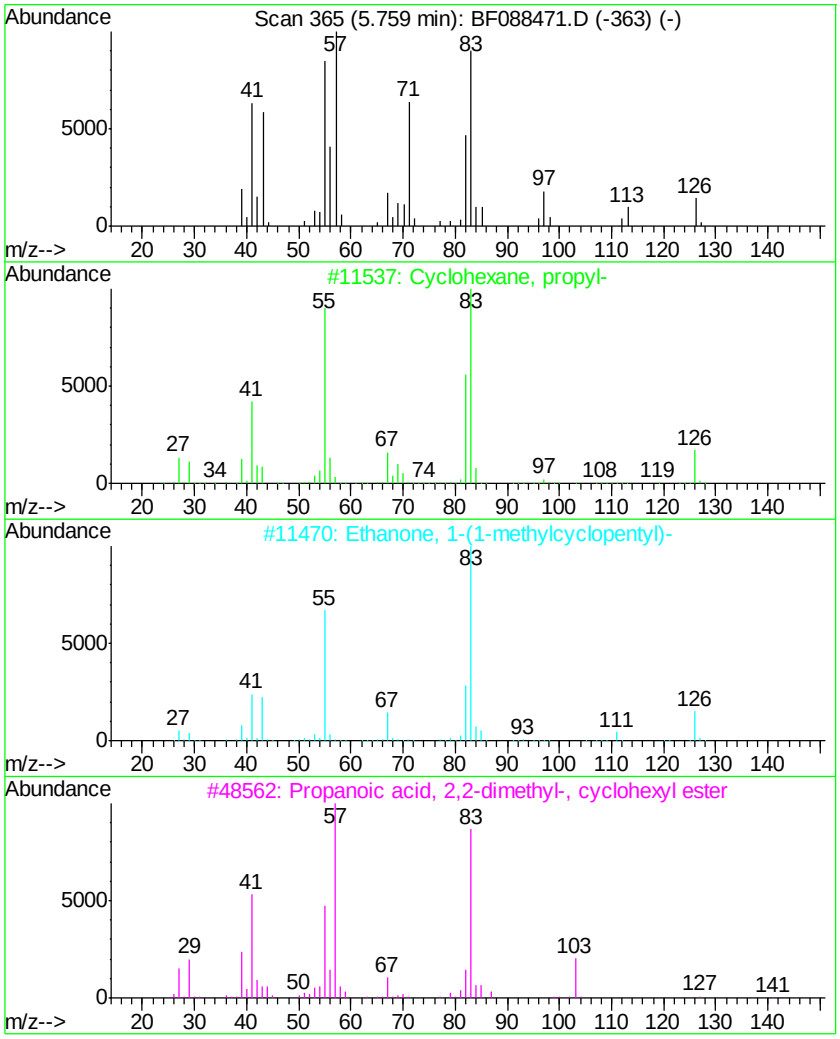
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

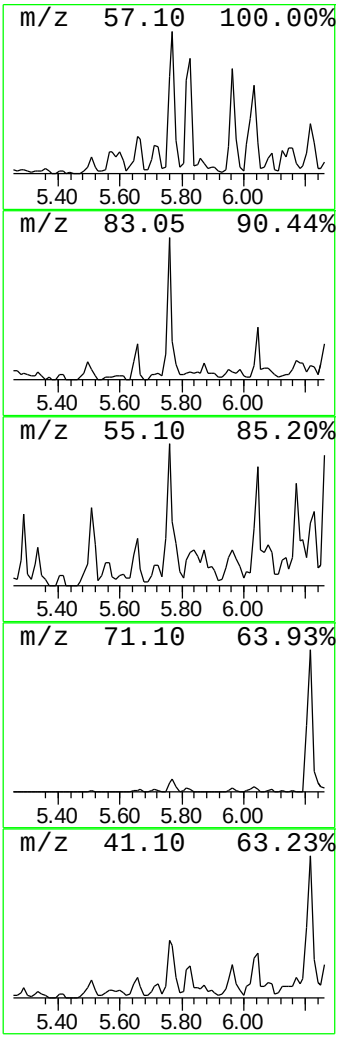
****

Peak Number 3 Cyclohexane, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	7.48 ng	202932	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	55
2	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	43
3	Propanoic acid, 2,2-dimethyl-, c...	184	C11H20O2	029878-49-7	38
4	2-Hepten-4-one, 2-methyl-	126	C8H14O	022319-24-0	27
5	Cycloheptanone, 3-methyl-, (R)-	126	C8H14O	013609-58-0	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

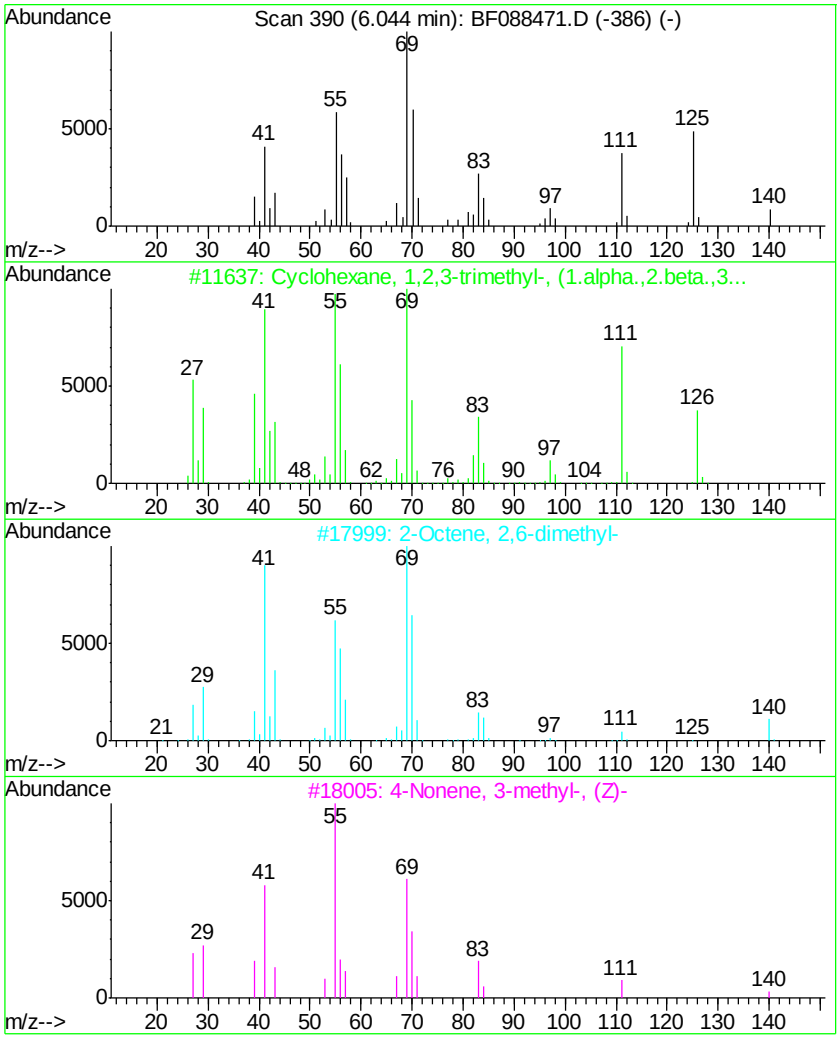
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

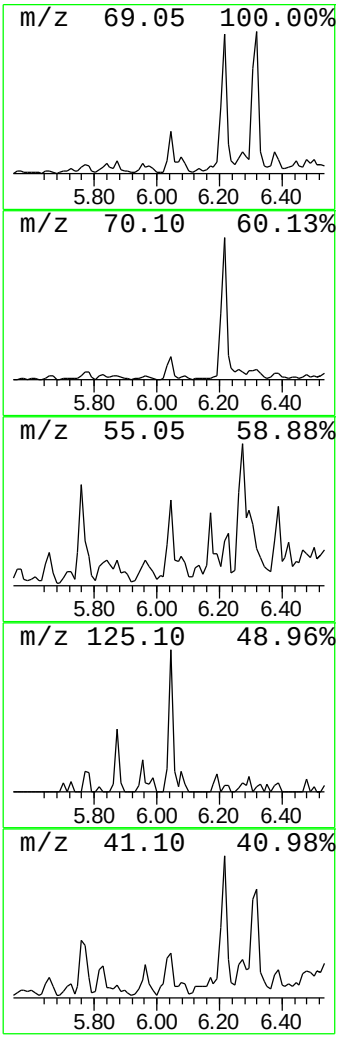
****

Peak Number 4 Cyclohexane, 1,2,3-trimethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	6.96 ng	188921	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	70
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
3	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	58
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	47
5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

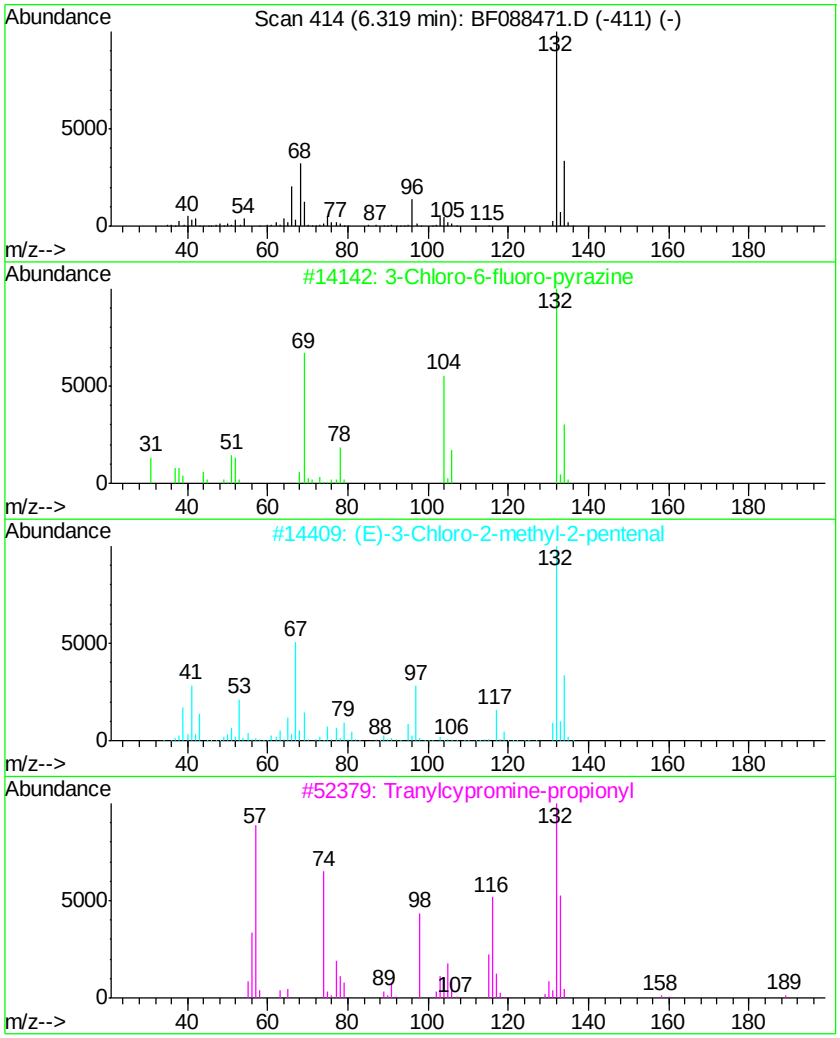
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

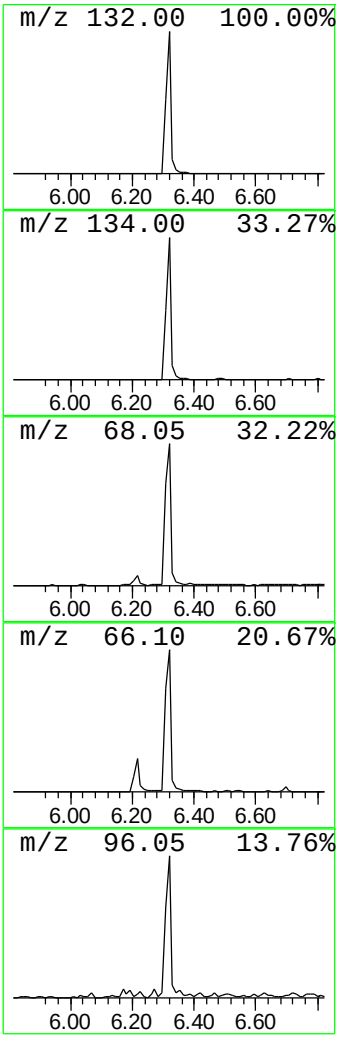
****

Peak Number 5 unknown6.32 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	65.08 ng	1766380	1,4-Dichlorobenzene-d4	6.55

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	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

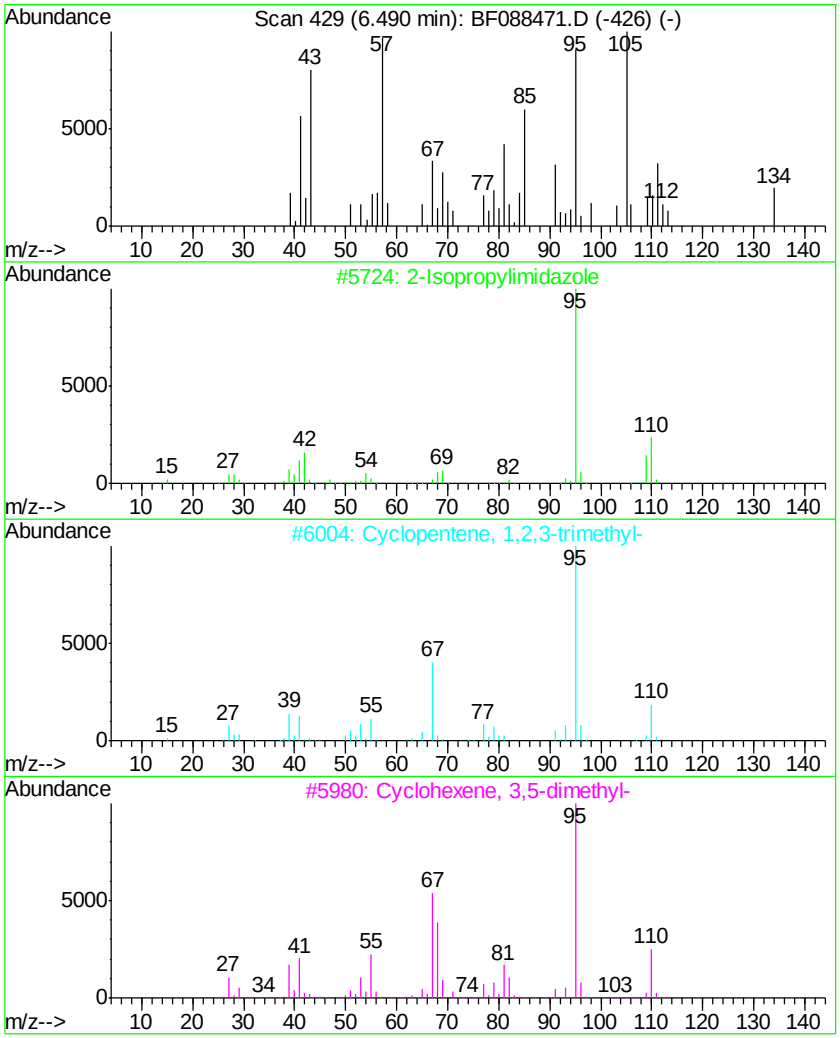
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

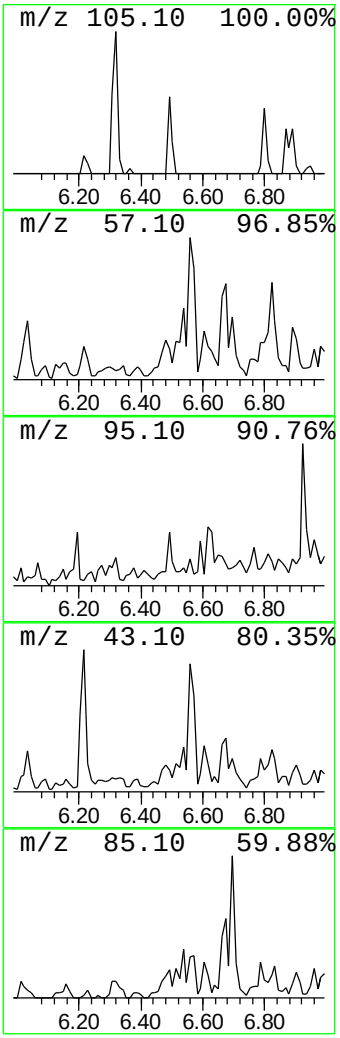
****

Peak Number 6 unknown6.49 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	5.62 ng	152584	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropylimidazole	110	C6H10N2	036947-68-9	38
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	30
3	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	30
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	30
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

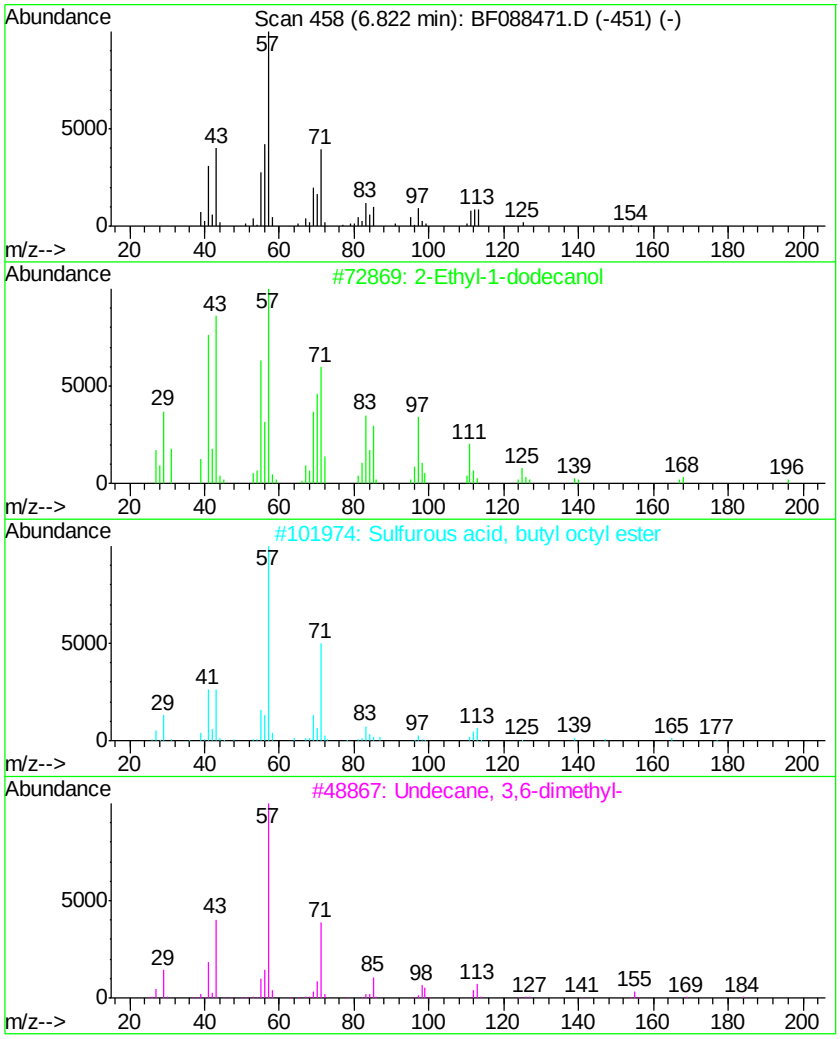
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

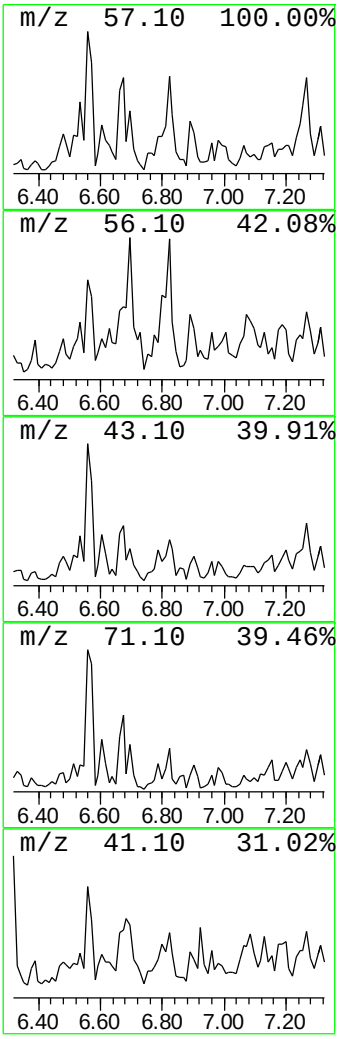
****

Peak Number 8 2-Ethyl-1-dodecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	10.77 ng	292200	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	78
2	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	50
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

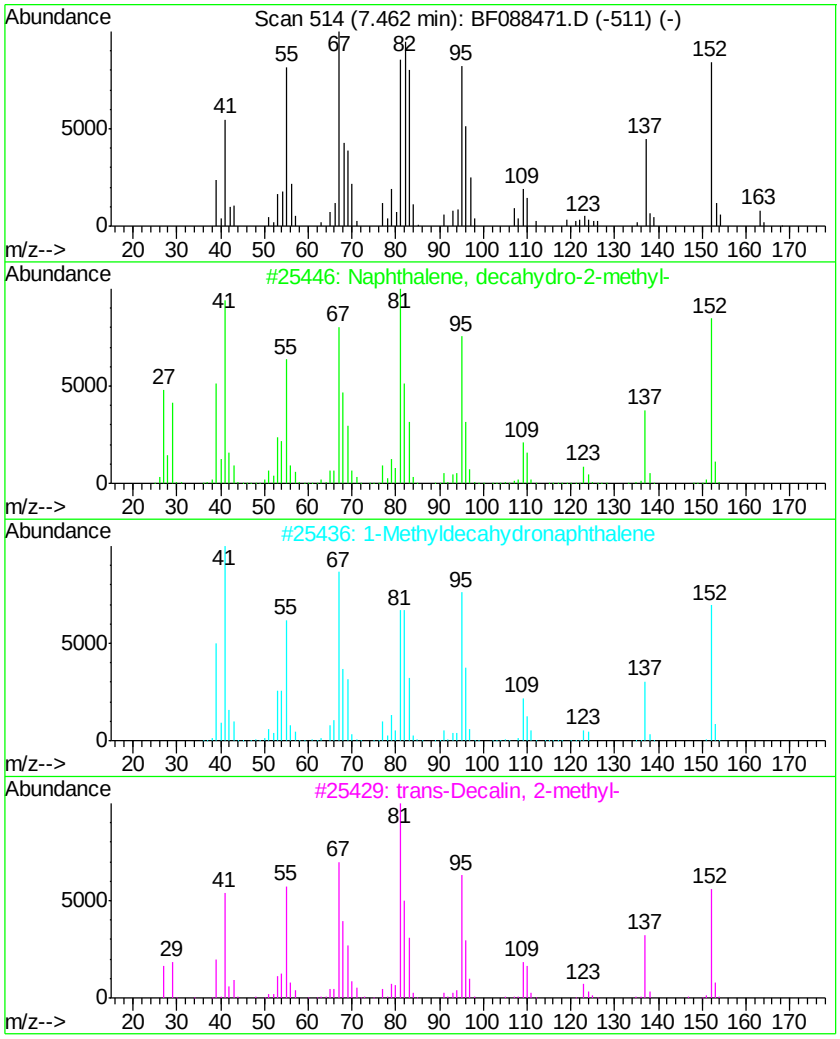
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

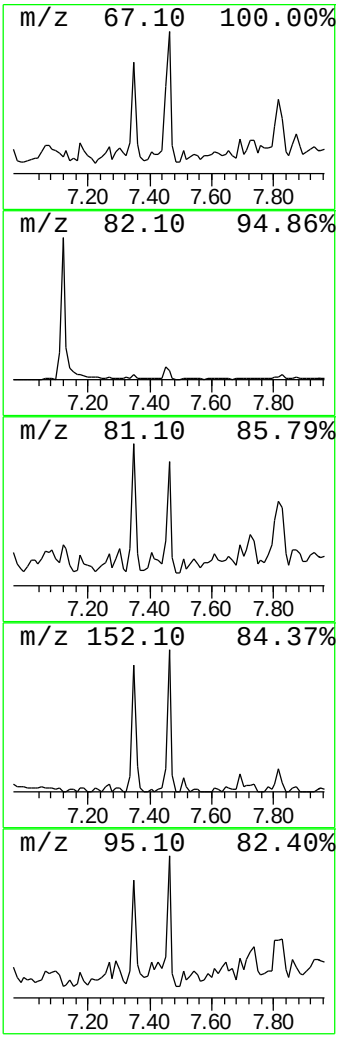
****

Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	7.22 ng	355705	Naphthalene-d8	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	86
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
4	Furan, 2-hexyl-	152	C10H16O	003777-70-6	55
5	Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

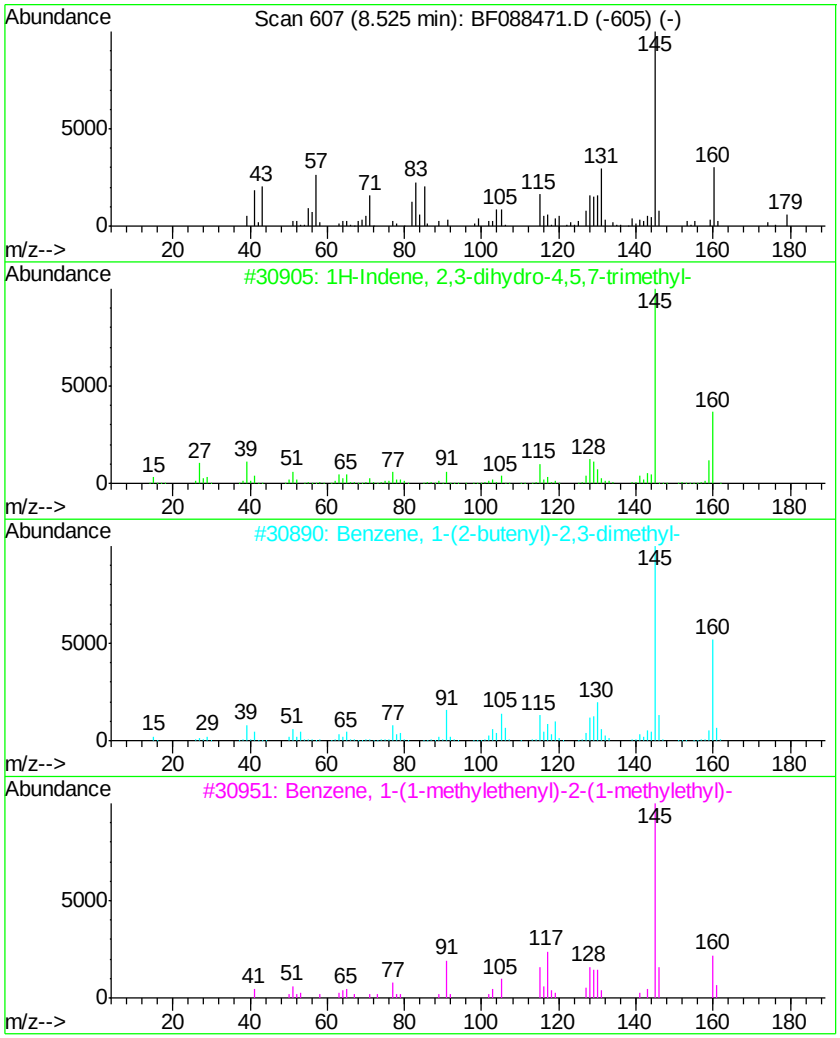
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

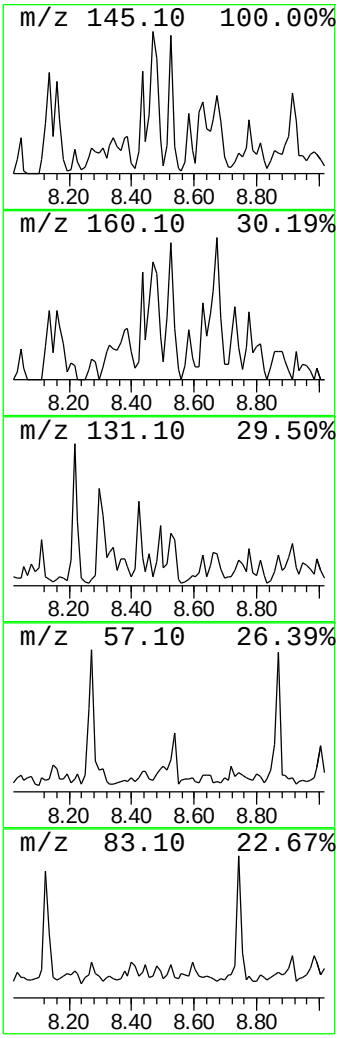
****

Peak Number 10 1H-Indene, 2,3-dihydro-4,5,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	5.42 ng	266722	Naphthalene-d8	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	64
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	64
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	58
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	58
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

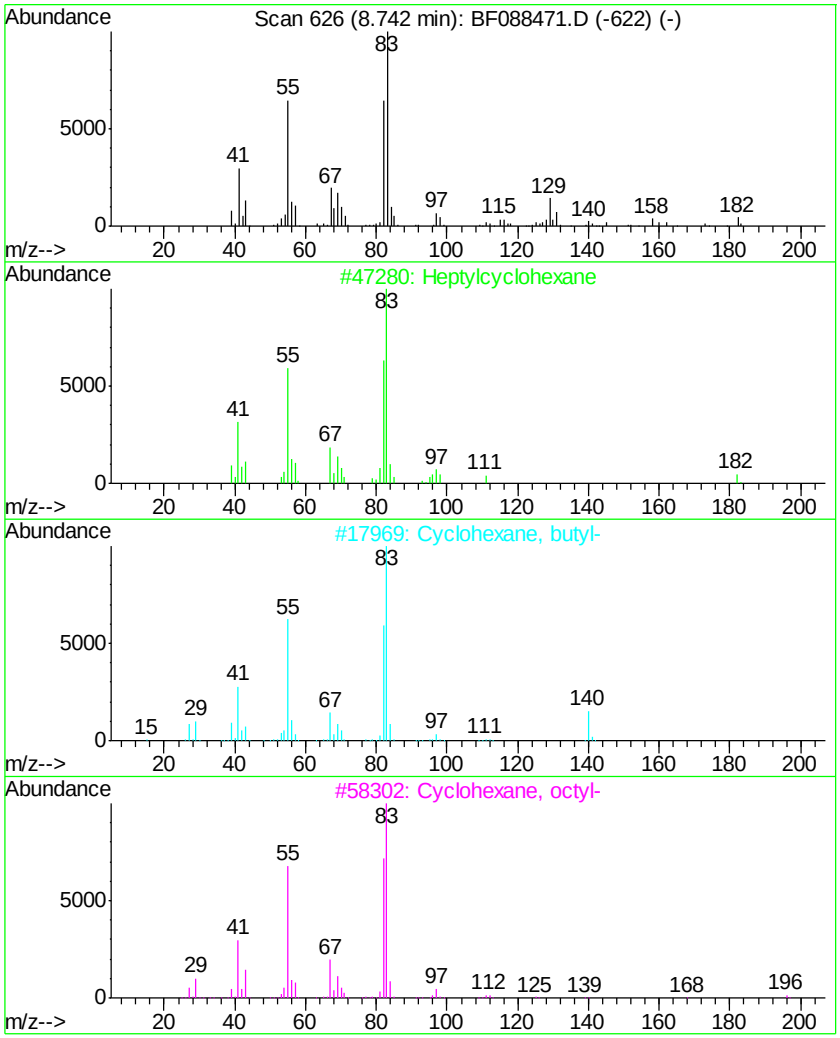
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

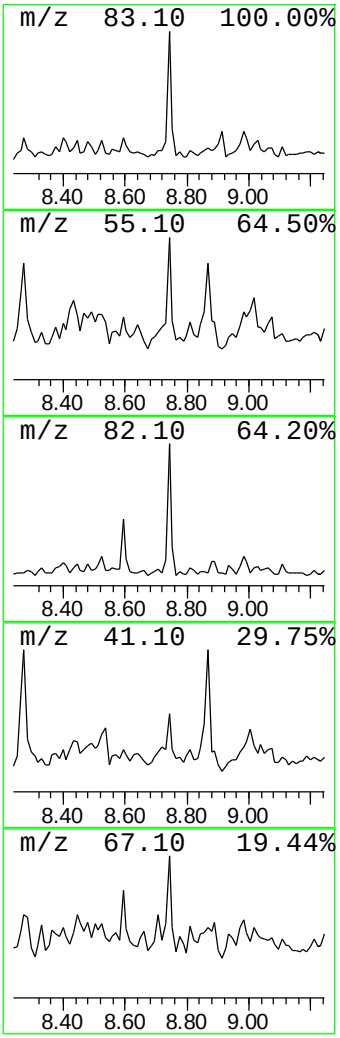
****

Peak Number 11 Heptylcyclohexane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	8.55 ng	226420	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	90
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

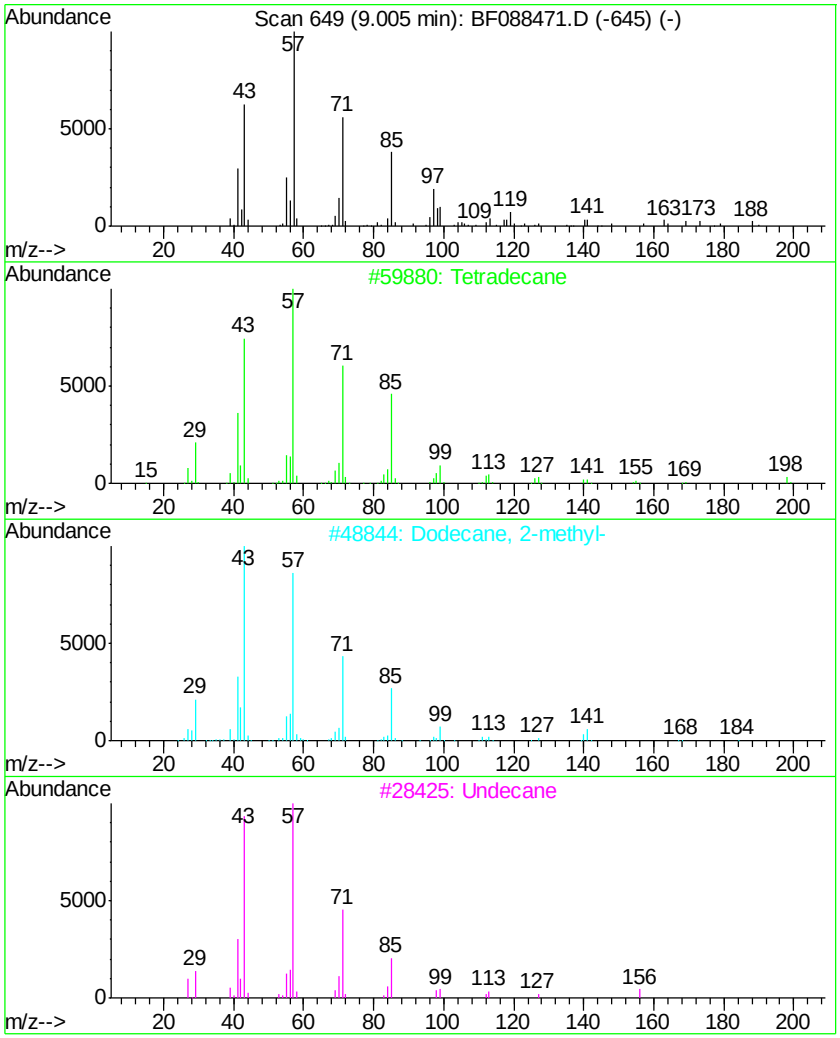
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

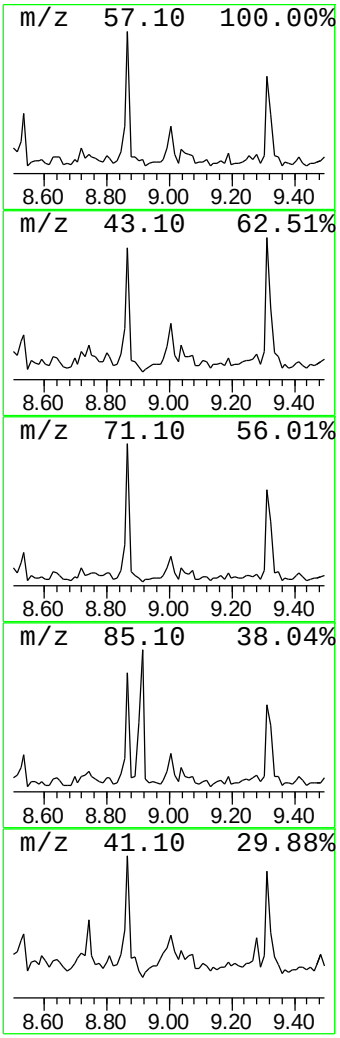
****

Peak Number 12 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	8.31 ng	220006	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	59
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
3	Undecane	156	C11H24	001120-21-4	53
4	Hexadecane	226	C16H34	000544-76-3	52
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

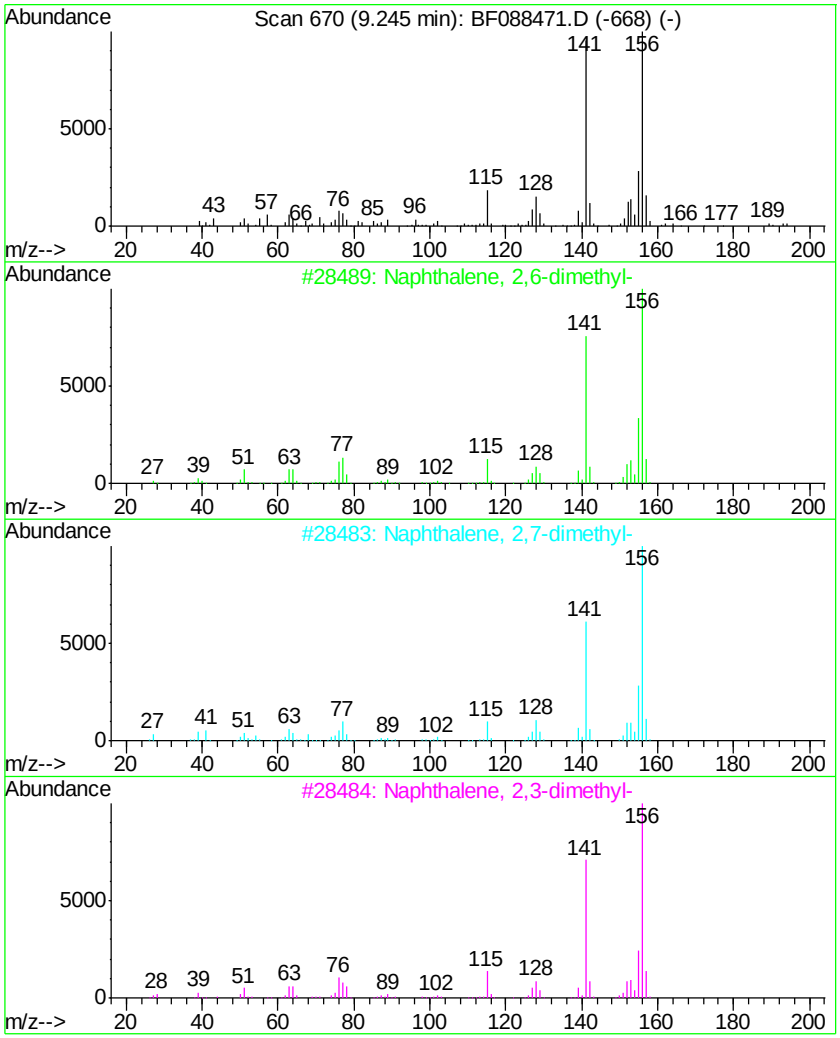
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

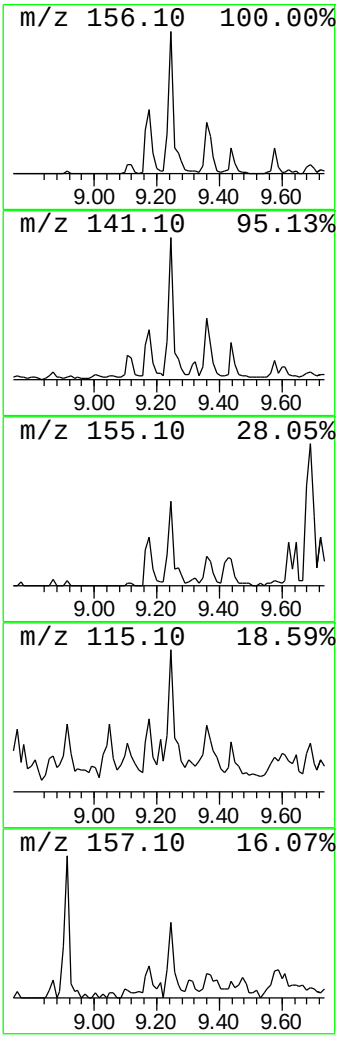
****

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	7.27 ng	192408	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

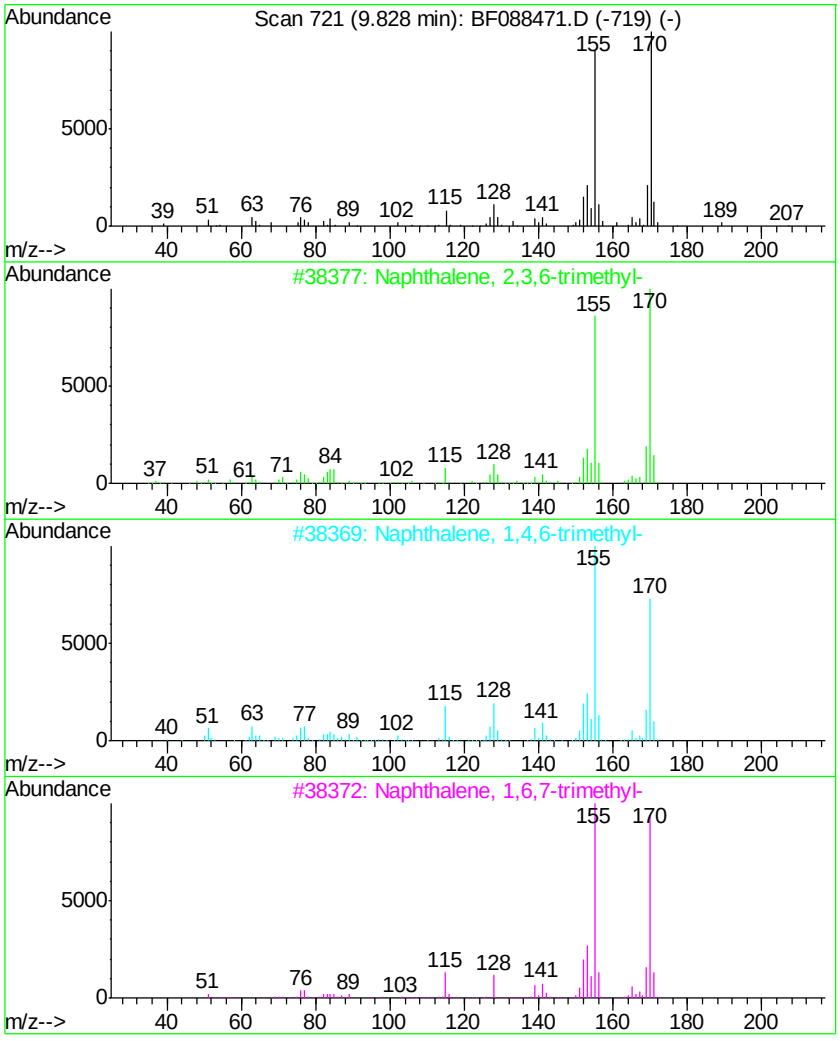
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

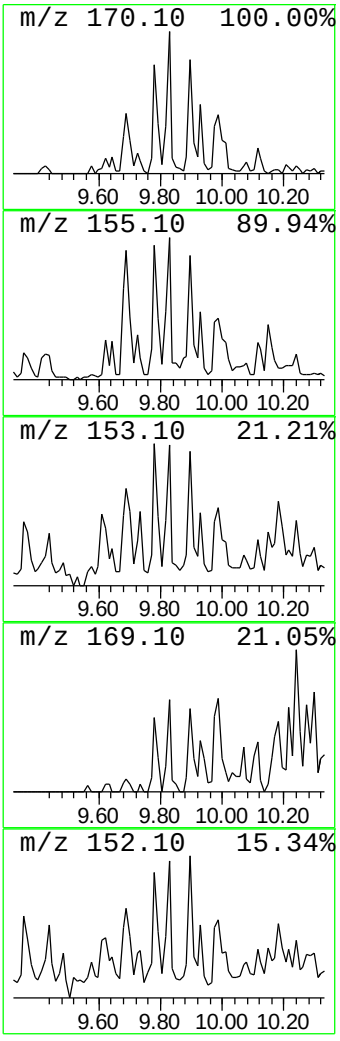
****

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	6.59 ng	174528	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

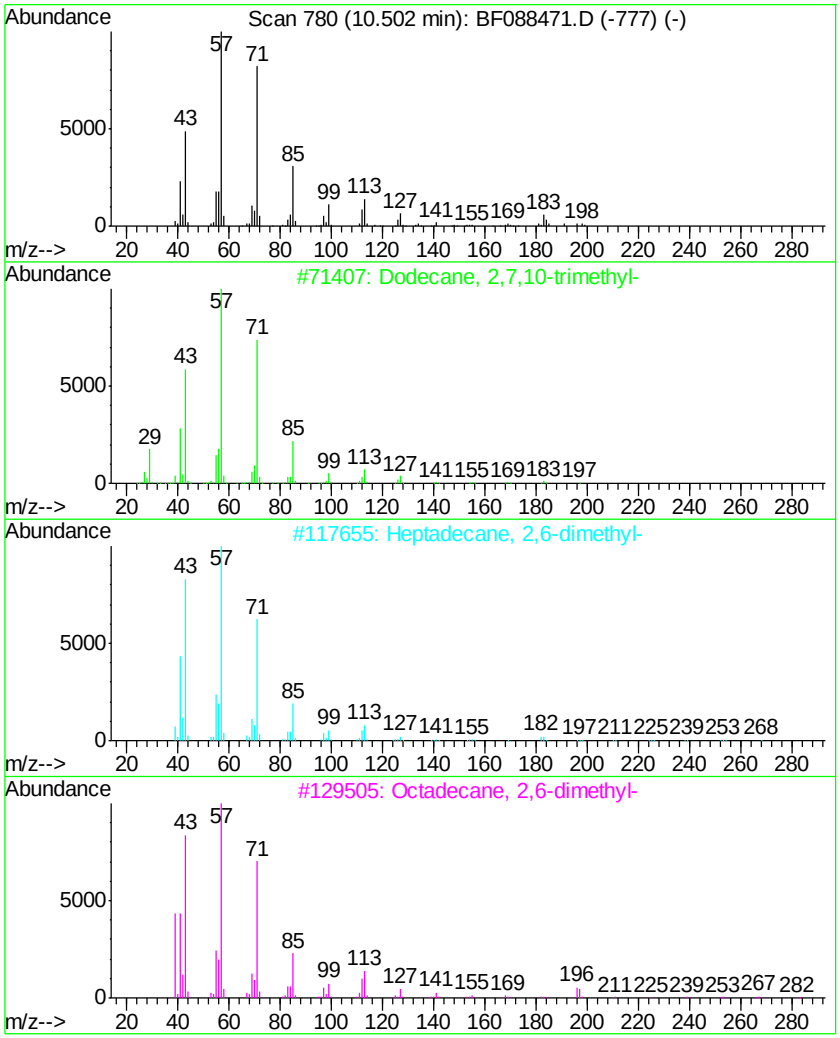
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

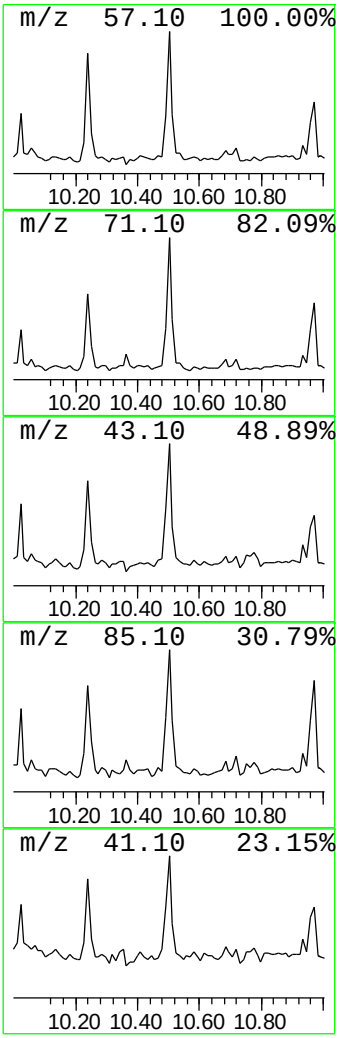
****

Peak Number 15 Dodecane, 2,7,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	11.87 ng	225099	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	78
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

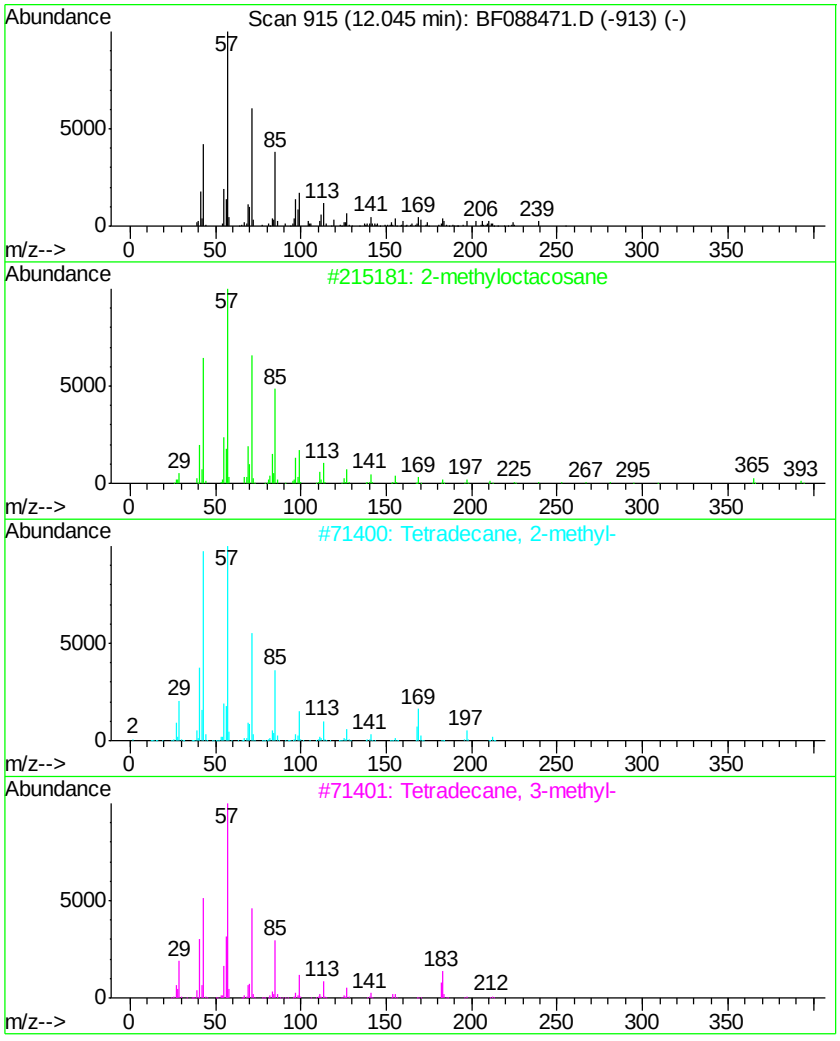
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

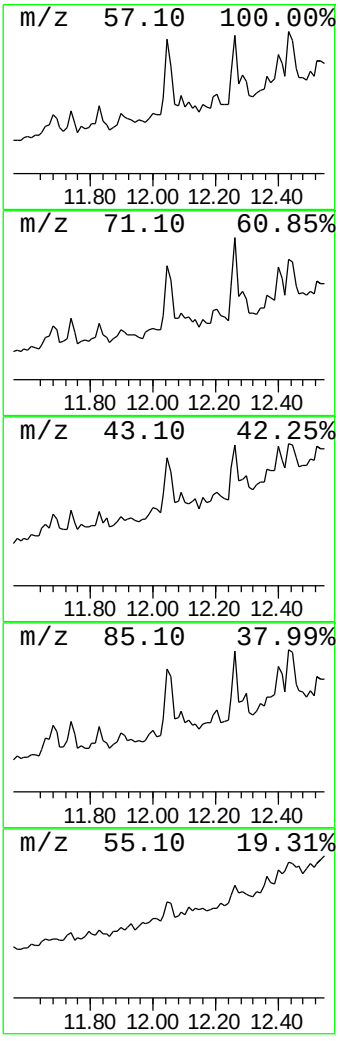
****

Peak Number 16 2-methyloctacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	5.72 ng	108541	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	87
3	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	87
4	Octacosane	394	C28H58	000630-02-4	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

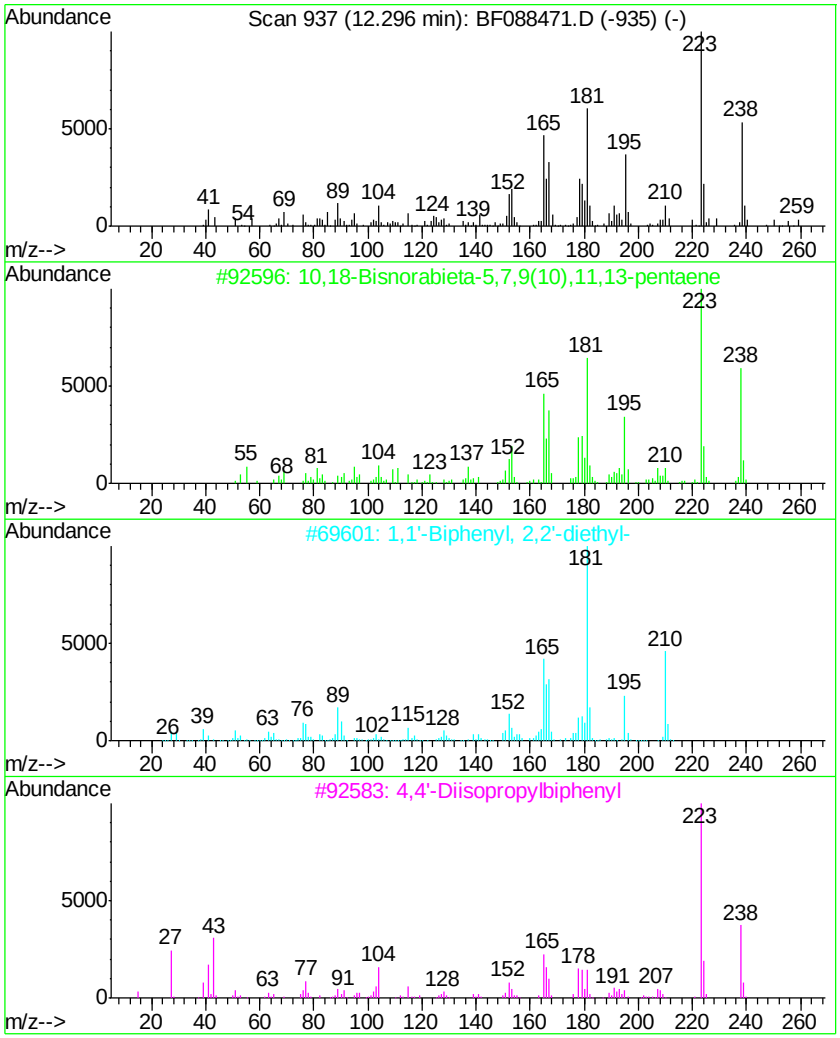
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

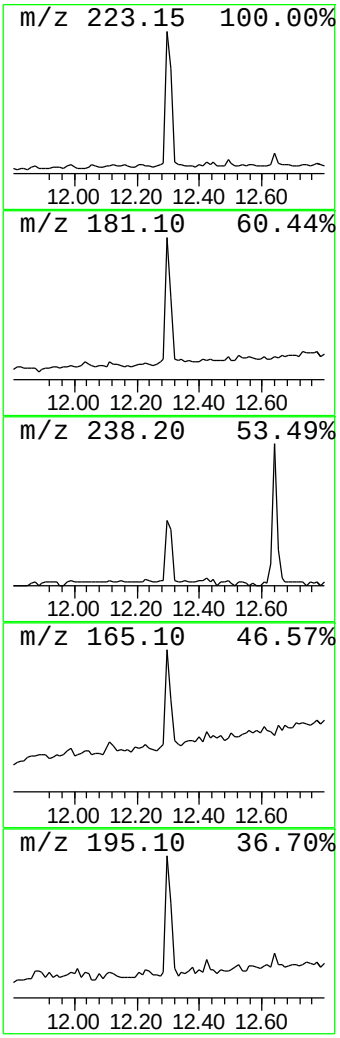
****

Peak Number 17 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	6.11 ng	115840	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	95
2	1,1'-Biphenyl, 2,2'-diethyl-	210	C16H18	013049-35-9	42
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	41
4	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	38
5	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

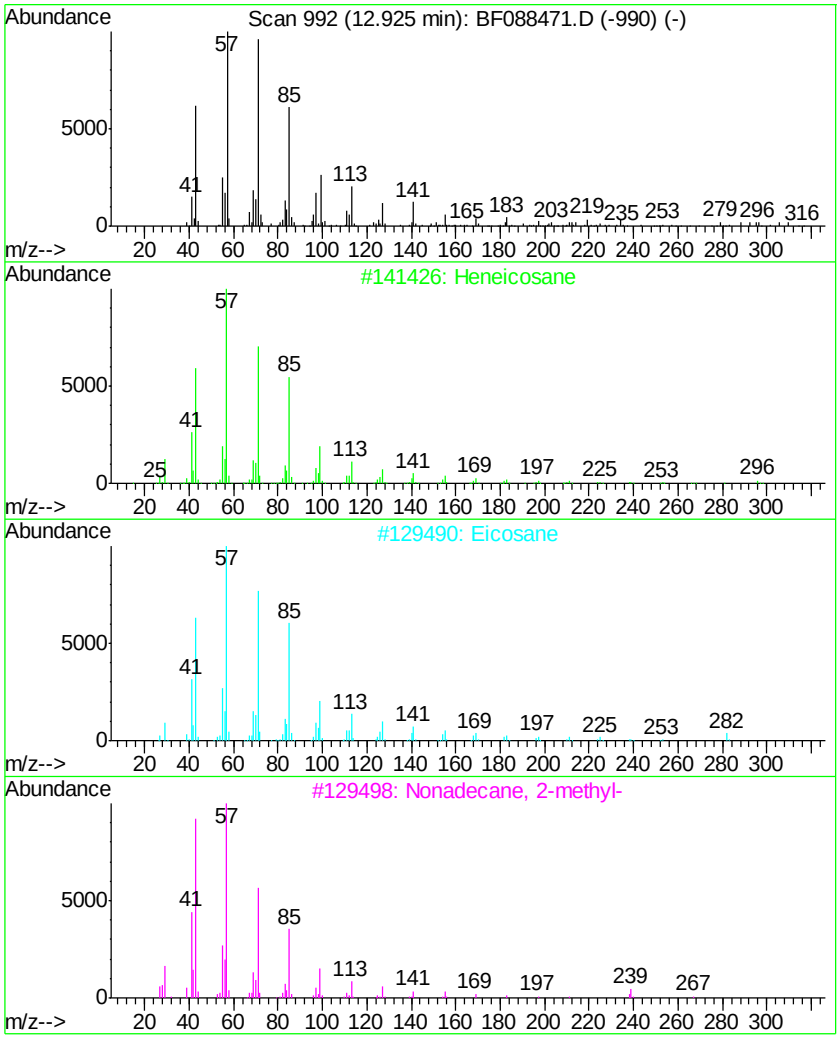
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

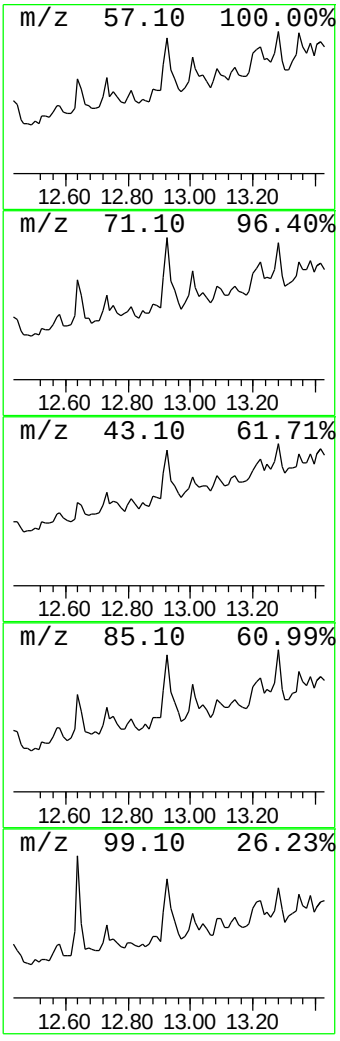
****

Peak Number 18 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	8.21 ng	231253	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

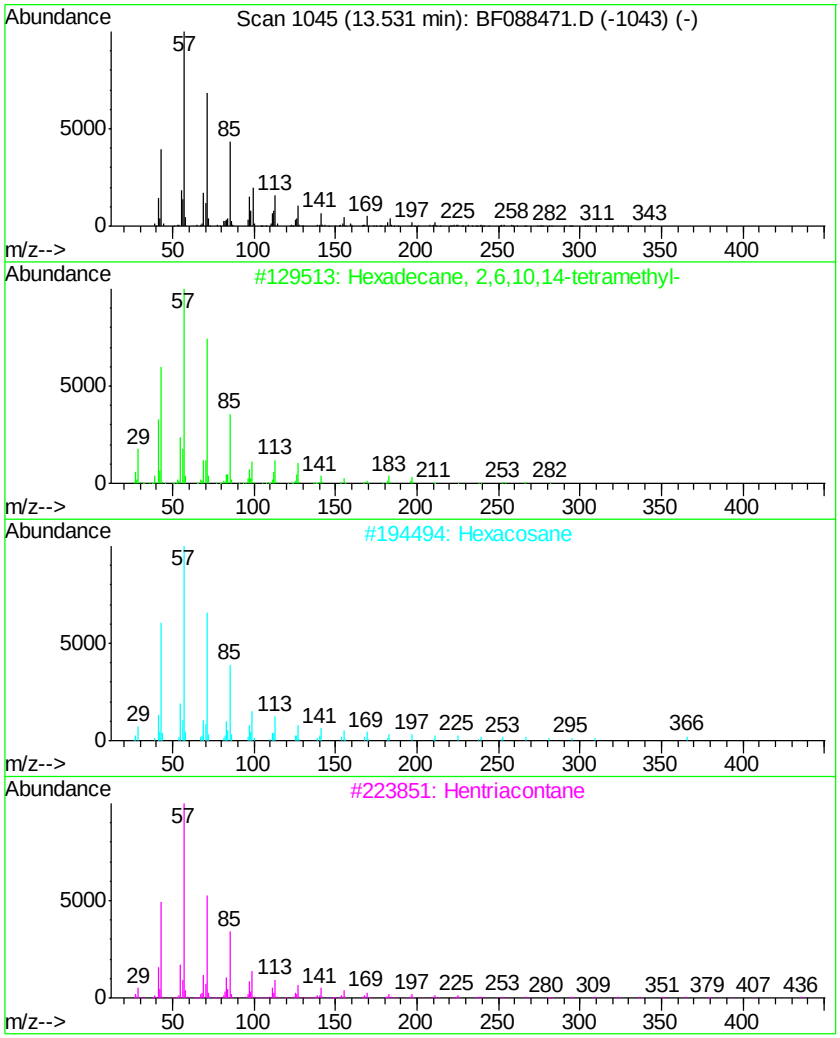
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

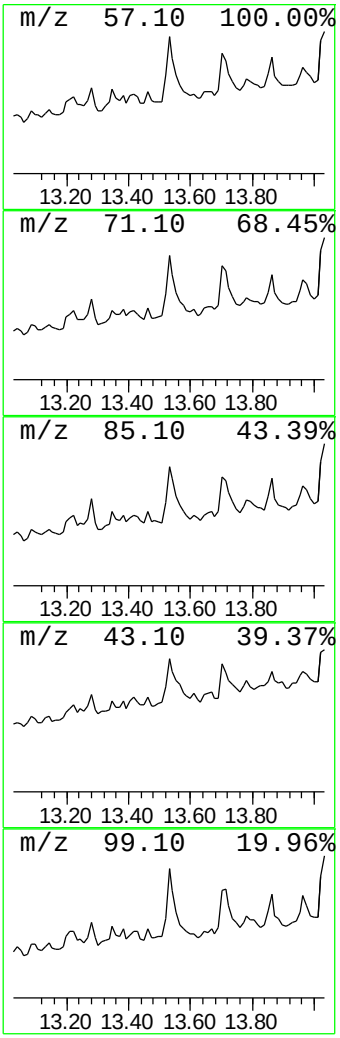
****

Peak Number 19 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	15.33 ng	431997	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Docosane	310	C22H46	000629-97-0	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

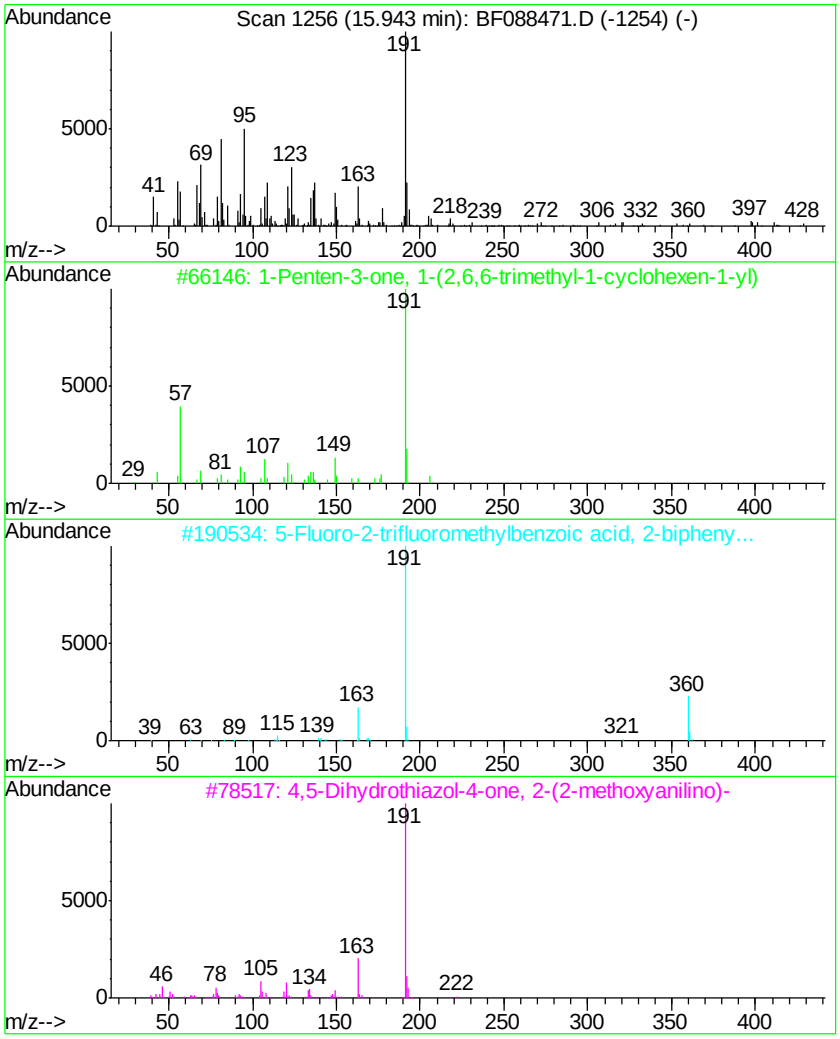
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

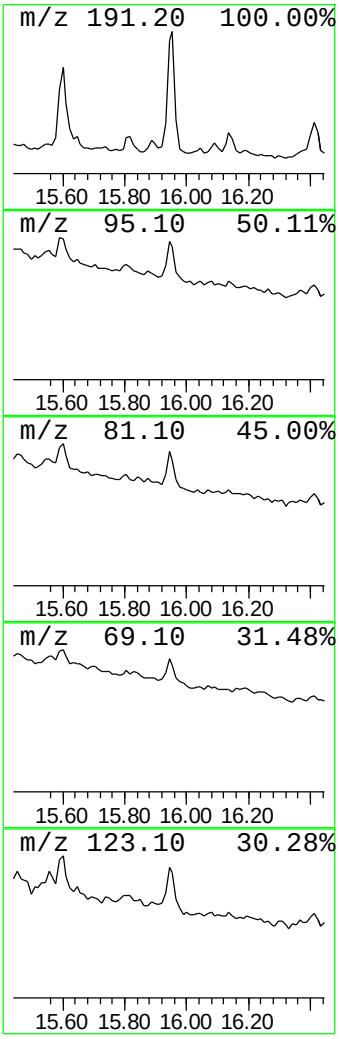
****

Peak Number 20 unknown15.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	20.00 ng	511113	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
2	5-Fluoro-2-trifluoromethylbenzoi...	360	C20H12F4O2	1000331-61-1	35
3	4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	35
4	6-Fluoro-2-trifluoromethylbenzoi...	360	C20H12F4O2	1000343-74-5	35
5	4-Fluoro-3-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-68-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088471.D
Acq On : 28 Jun 2016 00:46
Operator : UM/SJ
Sample : H3630-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP01W-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.66	4.66	6.6	ng	179005	1	6.55	542870	20.0
Cyclohexane, propyl-	5.76	7.5	ng	202932	1	6.55	542870	20.0
Cyclohexane, 1,2,...	6.04	7.0	ng	188921	1	6.55	542870	20.0
unknown6.32	6.32	65.1	ng	1766380	1	6.55	542870	20.0
unknown6.49	6.49	5.6	ng	152584	1	6.55	542870	20.0
2-Ethyl-1-dodecanol	6.82	10.8	ng	292200	1	6.55	542870	20.0
Naphthalene, deca...	7.46	7.2	ng	355705	2	7.83	985073	20.0
1H-Indene, 2,3-di...	8.52	5.4	ng	266722	2	7.83	985073	20.0
Heptylcyclohexane	8.74	8.6	ng	226420	3	9.58	529464	20.0
Tetradecane	9.00	8.3	ng	220006	3	9.58	529464	20.0
Naphthalene, 2,6-...	9.24	7.3	ng	192408	3	9.58	529464	20.0
Naphthalene, 2,3,...	9.83	6.6	ng	174528	3	9.58	529464	20.0
Dodecane, 2,7,10-...	10.50	11.9	ng	225099	4	11.05	379253	20.0
2-methyloctacosane	12.05	5.7	ng	108541	4	11.05	379253	20.0
10,18-Bisnorabiet...	12.30	6.1	ng	115840	4	11.05	379253	20.0
Heneicosane	12.93	8.2	ng	231253	5	13.69	563681	20.0
Hexadecane, 2,6,1...	13.53	15.3	ng	431997	5	13.69	563681	20.0
unknown15.94	15.94	20.0	ng	511113	6	15.06	511113	20.0