LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

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-BF042716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.721	139	143	149	rBV	350517	639970	16.36%	1.704%
2	4.990	252	254	261	rVB	69704	121360	3.10%	0.323%
3	5.401	287	290	293	rBV	3060449	3479475	88.94%	9.263%
4	6.053	345	347	350	rBV2	27770	44476	1.14%	0.118%
5	6.327	370	371	376	rVB2	24223	41963	1.07%	0.112%
6	6.442	378	381	384	rBV	2803183	3800133	97.14%	10.116%
7	6.579	390	393	395	rBV	3366524	3911944	100.00%	10.414%
8	6.647	397	399	404	rVB4	18656	42217	1.08%	0.112%
9	6.807	411	413	417	rBV	866559	916575	23.43%	2.440%
10	6.967	424	427	429	rBV	2545034	2954446	75.52%	7.865%
11	7.093	435	438	439	rVB2	43972	70646	1.81%	0.188%
12	7.196	445	447	449	rBV	33625	50944	1.30%	0.136%
13	7.333	457	459	460	rBV	53541	68763	1.76%	0.183%
14	7.367	460	462	465	rVV	1622215	2253822	57.61%	6.000%
15	7.459	467	470	472	rVV3	62206	130463	3.33%	0.347%
16	7.527	472	476	478	rVV	58472	95879	2.45%	0.255%
17	7.596	481	482	485	rVB2	76180	129218	3.30%	0.344%
18	7.733	490	494	496	rVB5	95186	207085	5.29%	0.551%
19	7.779	496	498	499	rBV	63470	67967	1.74%	0.181%
20	7.916	509	510	512	rVB	53235	50640	1.29%	0.135%
21	7.985	512	516	519	rBV2	46808	147311	3.77%	0.392%
22	8.053	519	522	523	rBV2	46785	103644	2.65%	0.276%
23	8.087	523	525	527	rVV	817438	1005188	25.70%	2.676%
24	8.156	529	531	533	rVV	234662	344858	8.82%	0.918%
25	8.213	533	536	538	rVB2	66673	114721	2.93%	0.305%
26	8.259	538	540	542	rBV2	33863	75820	1.94%	0.202%
27	8.305	542	544	545	rVB	81900	82624	2.11%	0.220%
28	8.385	548	551	555	rBV	138324	214232	5.48%	0.570%
29	8.442	555	556	558	rBV2	41763	55779	1.43%	0.148%
30	8.476	558	559	561	rVB2	41979	57354	1.47%	0.153%
31	8.522	561	563	565	rBV	439136	436078	11.15%	1.161%
32	8.636	571	573	574	rBV2	91219	96413	2.46%	0.257%
33	8.693	576	578	580	rVV2	38477	60404	1.54%	0.161%
34	8.750	580	583	584	rVV3	60093	102285	2.61%	0.272%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

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-BF042716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.785	584	586	588	rVB	142918	166855	4.27%	0.444%
36	8.876	588	594	601	rBV9	49975	261916	6.70%	0.697%
37	8.979	601	603	604	rBV2	45384	63452	1.62%	0.169%
38	9.002	604	605	607	rVB	114346	103466	2.64%	0.275%
39	9.082	611	612	614	rBV3	30603	43759	1.12%	0.116%
40	9.116	614	615	617	rVB	297547	312170	7.98%	0.831%
41	9.173	617	620	622	rBV	3386129	3419255	87.41%	9.102%
42	9.253	625	627	629	rBV2	102191	170991	4.37%	0.455%
43	9.299	629	631	633	rVB3	40121	45120	1.15%	0.120%
44	9.562	652	654	657	rBV2	534288	743814	19.01%	1.980%
45	9.756	669	671	672	rBV	63608	51729	1.32%	0.138%
46	9.779	672	673	675	rBV2	85967	120849	3.09%	0.322%
47	9.848	675	679	681	rVV	887014	943933	24.13%	2.513%
48	9.962	687	689	690	rVB	33970	41118	1.05%	0.109%
49	10.019	690	694	695	rBV	60832	106961	2.73%	0.285%
50	10.042	695	696	698	rVV	99036	115664	2.96%	0.308%
51	10.111	700	702	704	rVB	90060	94439	2.41%	0.251%
52	10.282	715	717	718	rVB	160658	121334	3.10%	0.323%
53	10.499	733	736	739	rBV	258709	354262	9.06%	0.943%
54	10.556	739	741	742	rVV2	38968	45296	1.16%	0.121%
55	10.636	745	748	750	rVV2	1144193	1599122	40.88%	4.257%
56	10.762	754	759	763	rVB2	277277	600071	15.34%	1.597%
57	10.945	773	775	776	rBV	43646	56816	1.45%	0.151%
58	10.979	776	778	780	rVB3	44274	67262	1.72%	0.179%
59	11.093	785	788	790	rVB2	25612	42701	1.09%	0.114%
60	11.196	796	797	799	rBV	41092	69859	1.79%	0.186%
61	11.231	799	800	803	rVB	169179	156125	3.99%	0.416%
62	11.322	806	808	812	rBV	560270	651009	16.64%	1.733%
63	12.499	909	911	913	rBV	117031	112374	2.87%	0.299%
64	12.911	945	947	950	rBV	2334454	2273015	58.10%	6.051%
65	13.151	966	968	970	rVB	44693	40876	1.04%	0.109%
66	13.494	995	998	999	rBV	68270	87281	2.23%	0.232%
67	13.814	1024	1026	1033	rVB	213964	301481	7.71%	0.803%
68	13.962	1036	1039	1045	rBV	524039	877294	22.43%	2.335%
69	14.065	1046	1048	1050	rBV	61370	82193	2.10%	0.219%
70	14.134	1052	1054	1056	rBV	92009	99646	2.55%	0.265%
71	14.442	1079	1081	1083	rBV2	62959	118129	3.02%	0.314%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

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-BF042716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.368	1159	1162	1169	rBV	474087	1028672	26.30%	2.738%

Sum of corrected areas: 37565006

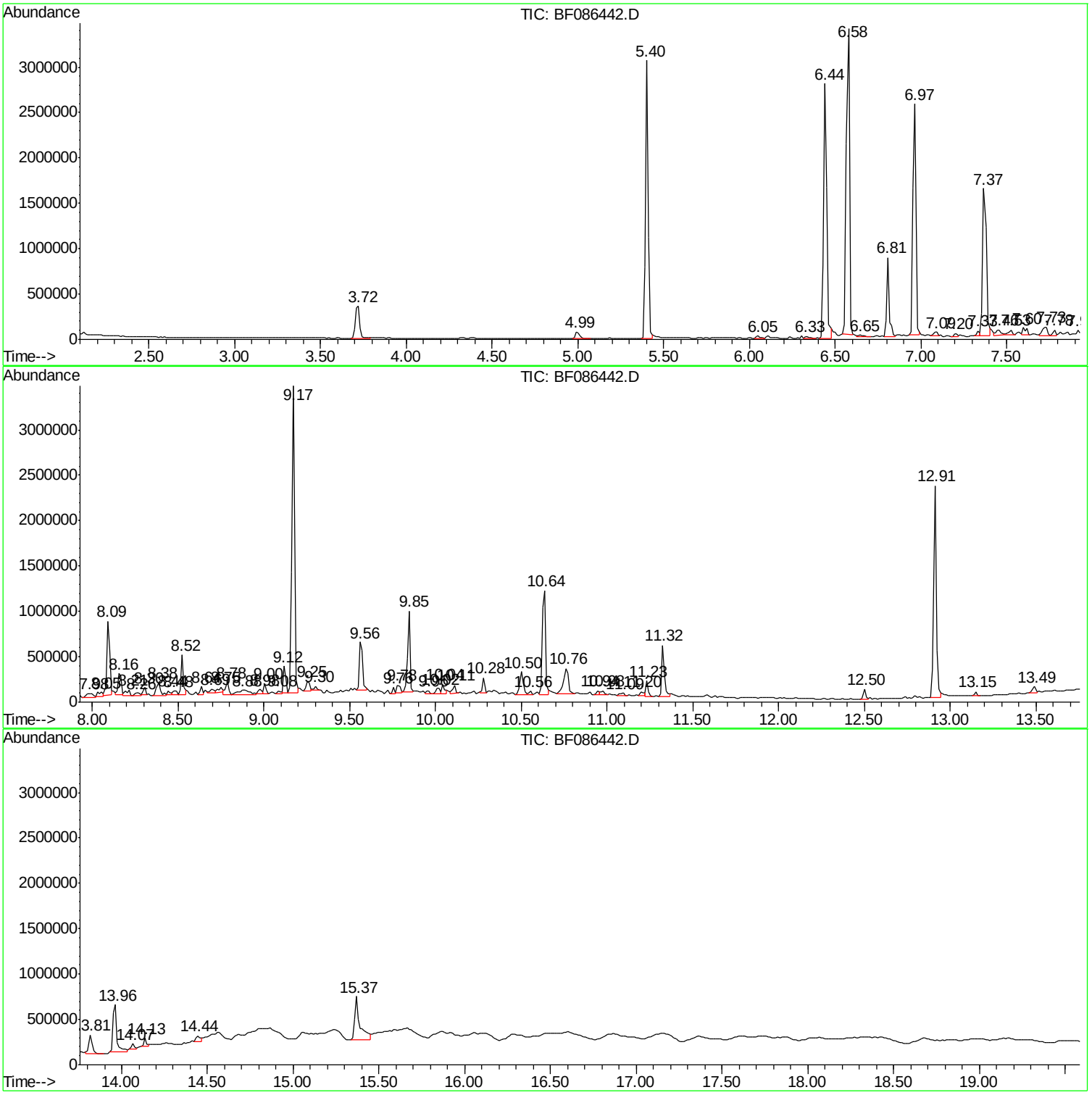
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

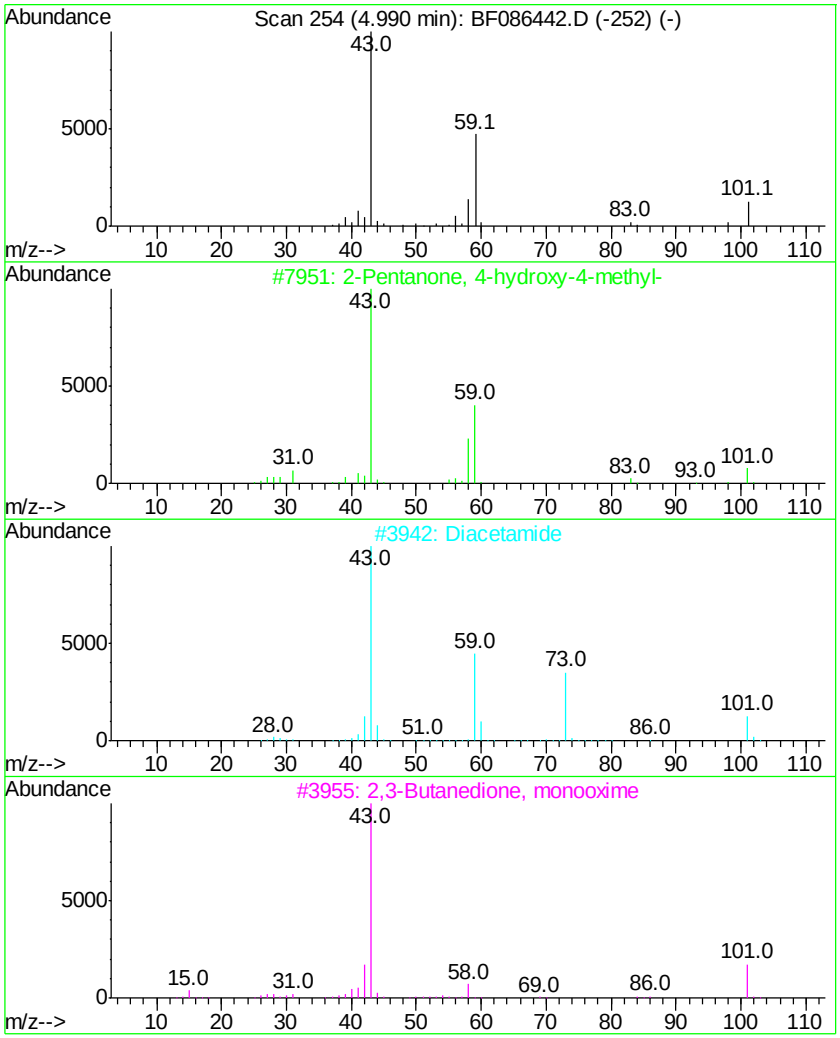
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

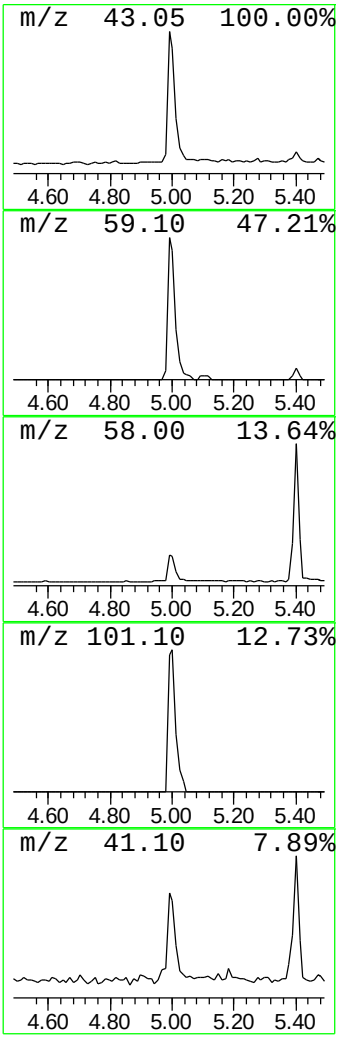
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	2.65 ng	121360	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Diacetamide	101	C4H7NO2	000625-77-4	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	Cyclobutylamine	71	C4H9N	002516-34-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

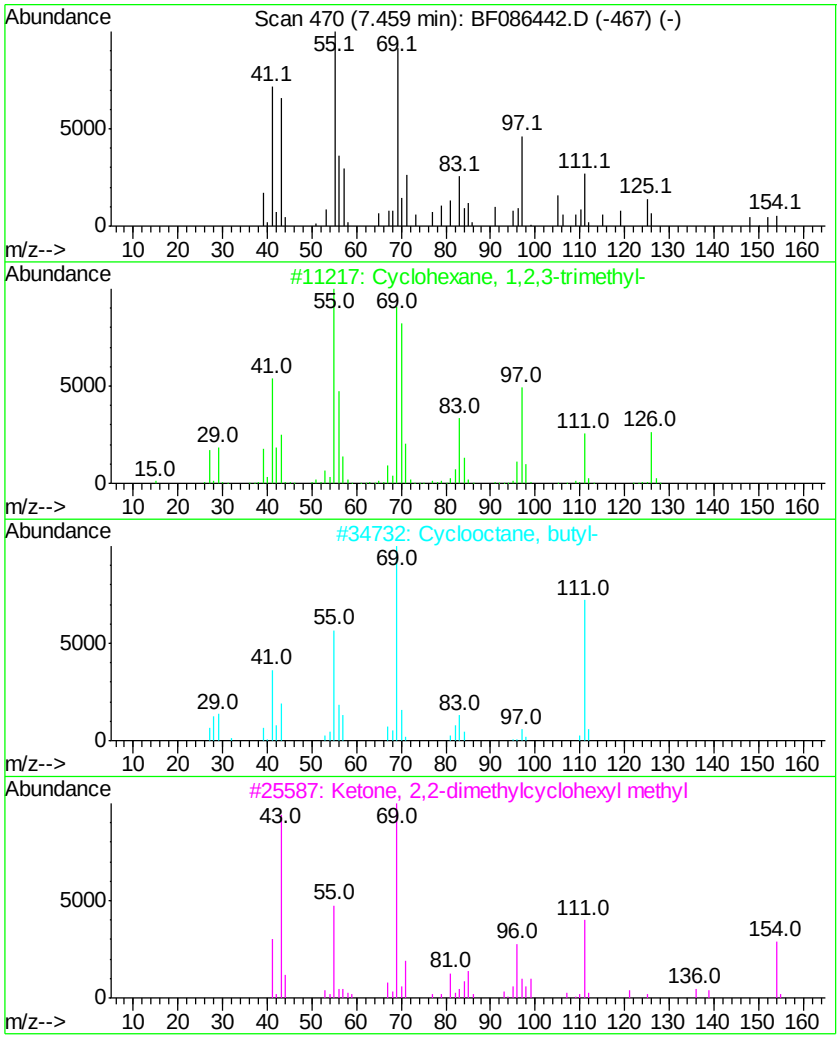
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

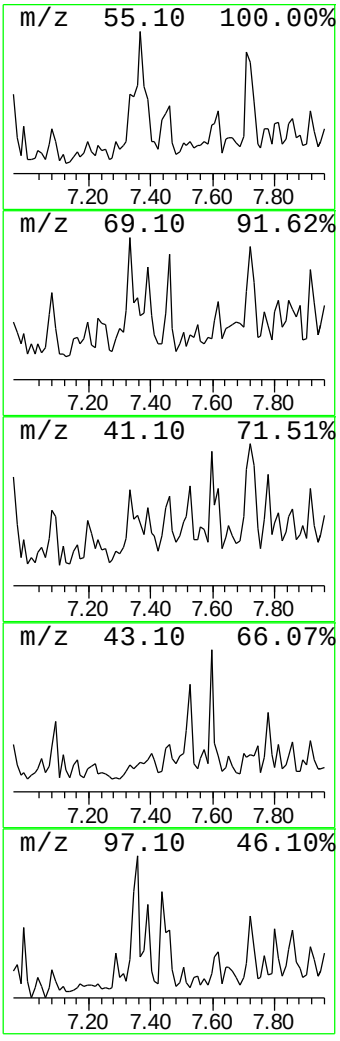
****

Peak Number 5 Cyclohexane, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	2.60 ng	130463	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	64
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	47
3	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	38
4	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	38
5	2-Methyl-2-octene	126	C9H18	016993-86-5	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

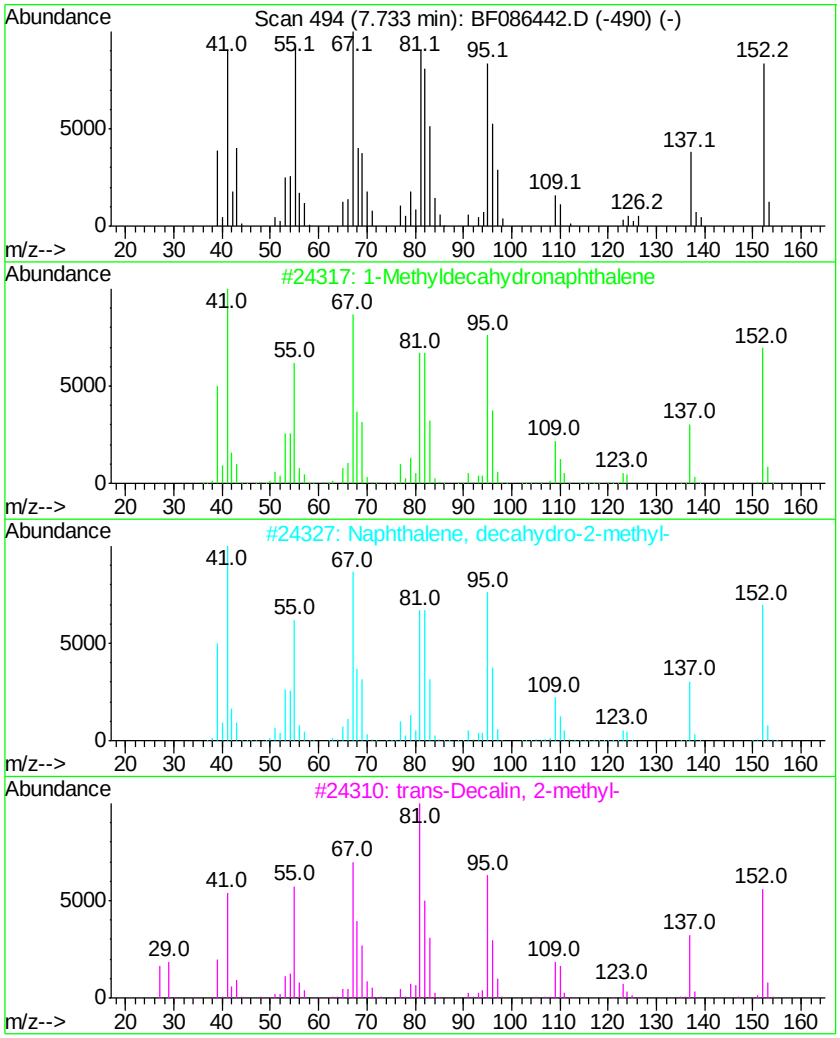
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

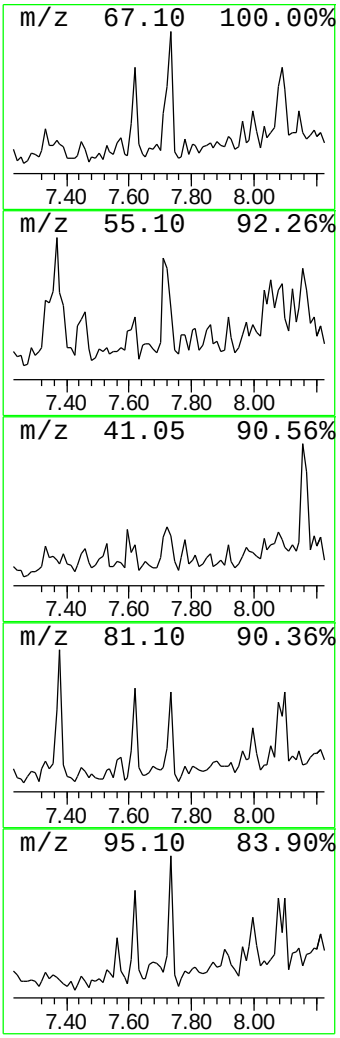
****

Peak Number 6 1-Methyldecahydronaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	4.12 ng	207085	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	90
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62
5	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

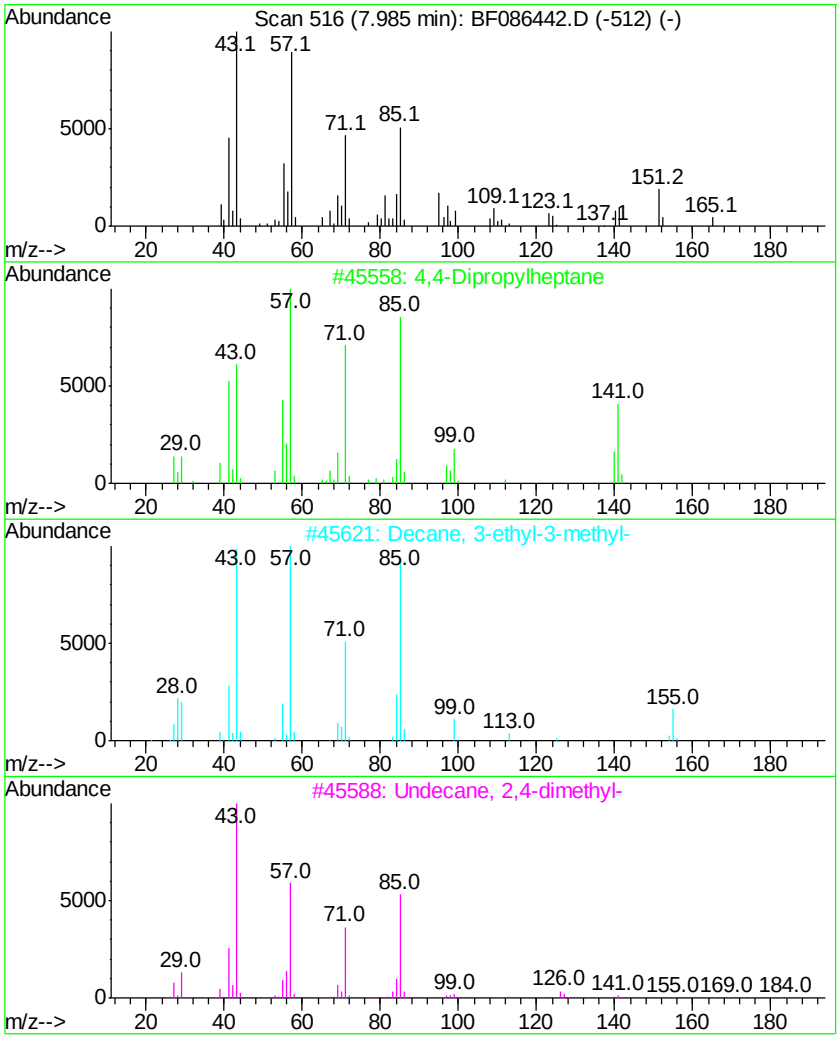
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

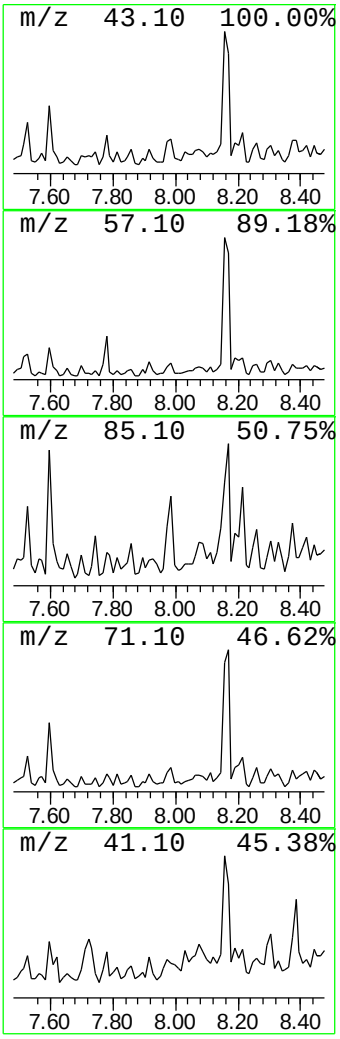
****

Peak Number 7 4,4-Dipropylheptane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	2.93 ng	147311	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Dipropylheptane	184	C13H28	017312-72-0	53
2	Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	50
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	50
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	50
5	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

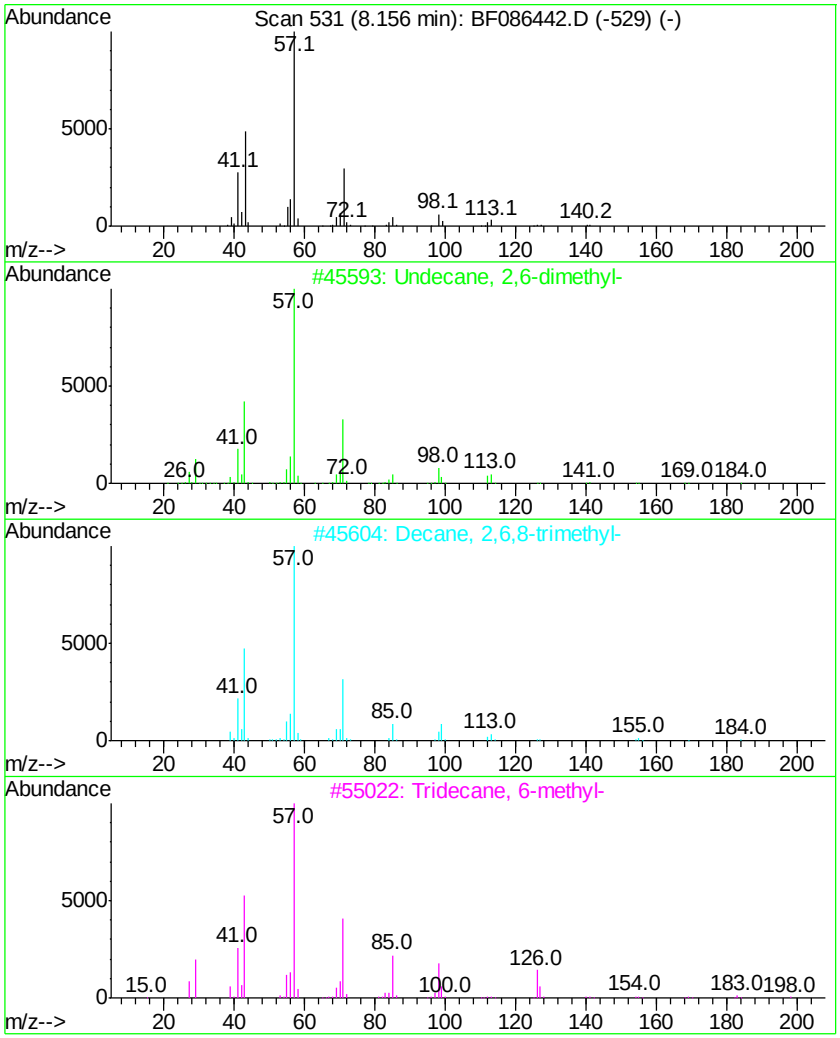
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

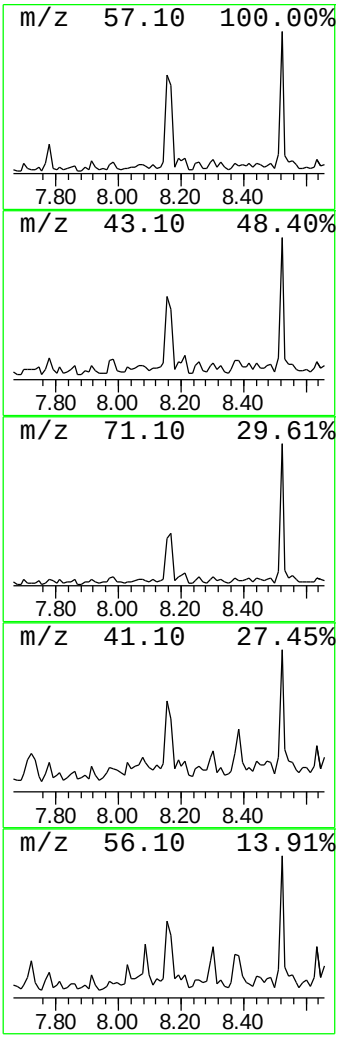
****

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	6.86 ng	344858	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	78
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

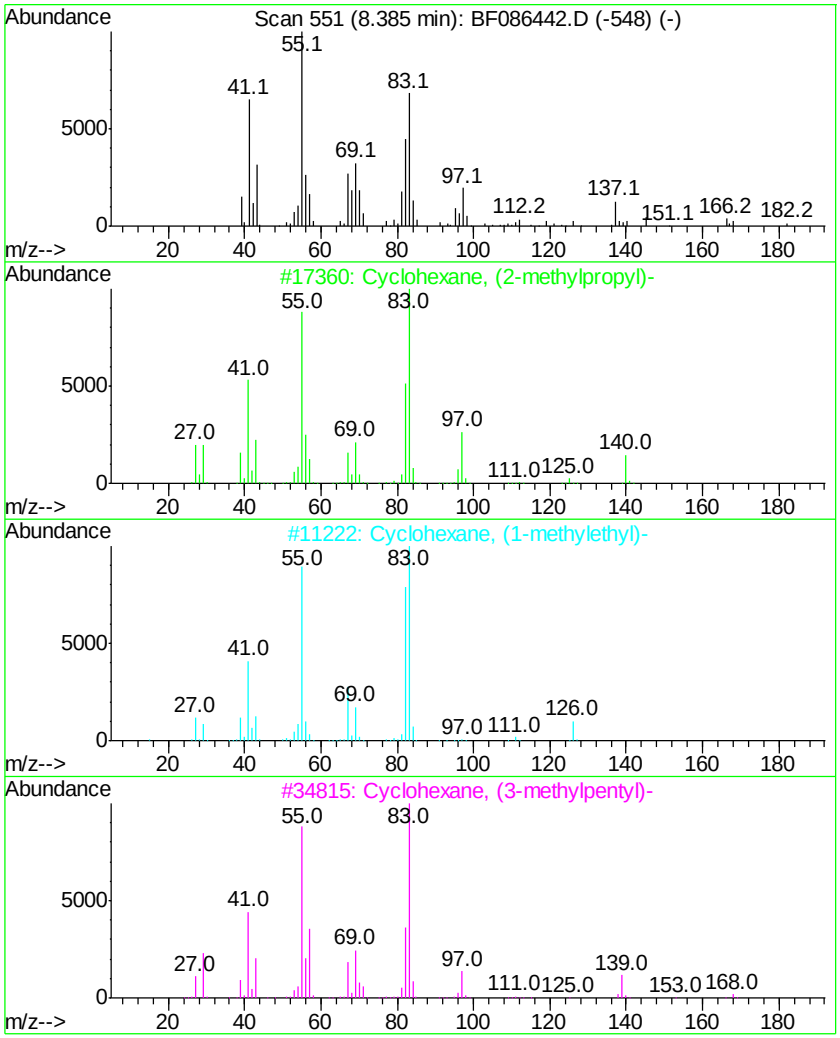
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

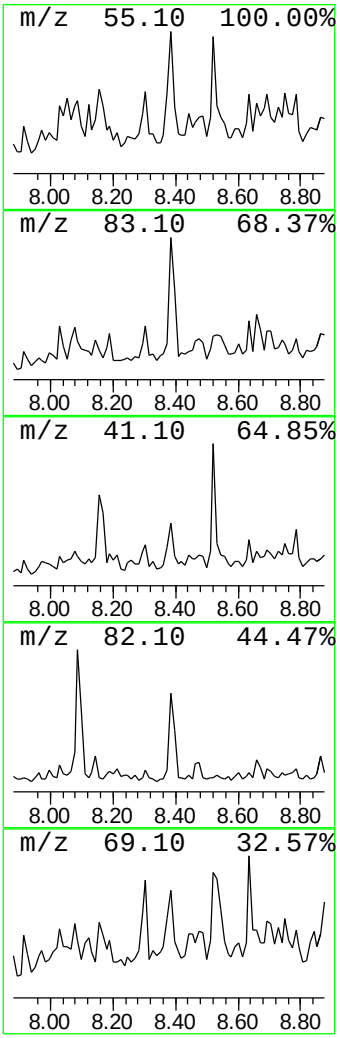
****

Peak Number 9 Cyclohexane, (2-methylpropyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	4.26 ng	214232	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	52
4	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	35
5	1-Tridecanol	200	C13H28O	000112-70-9	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

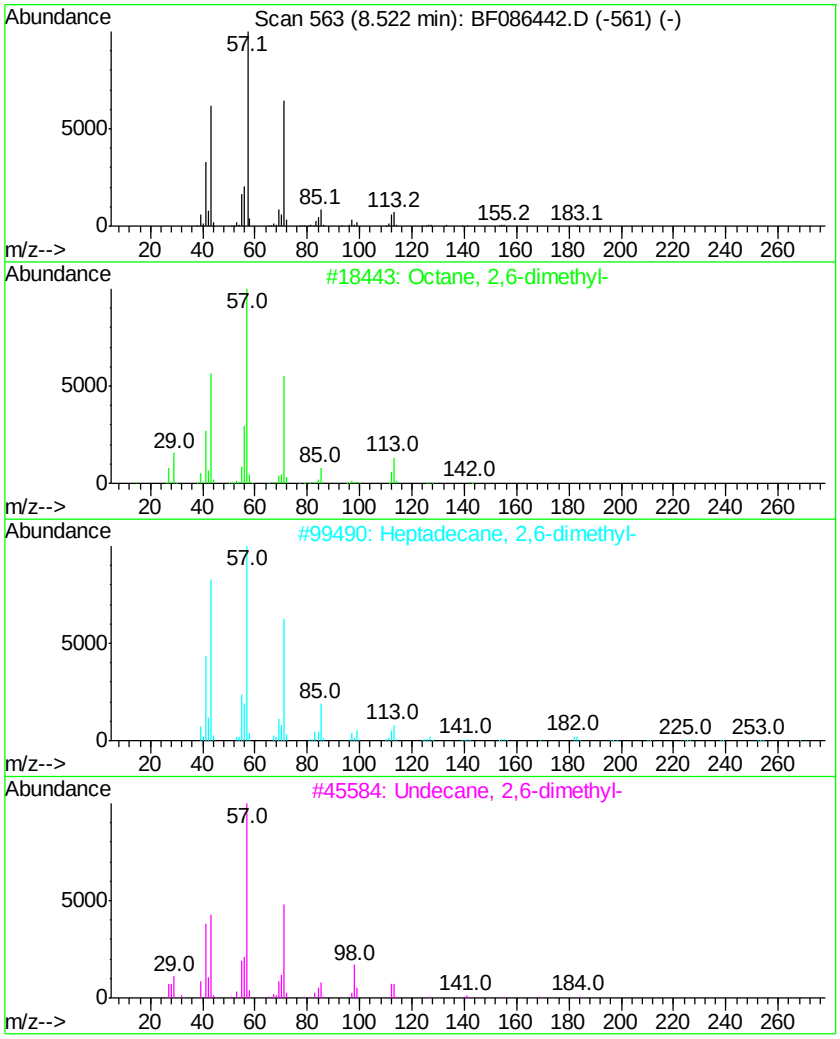
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

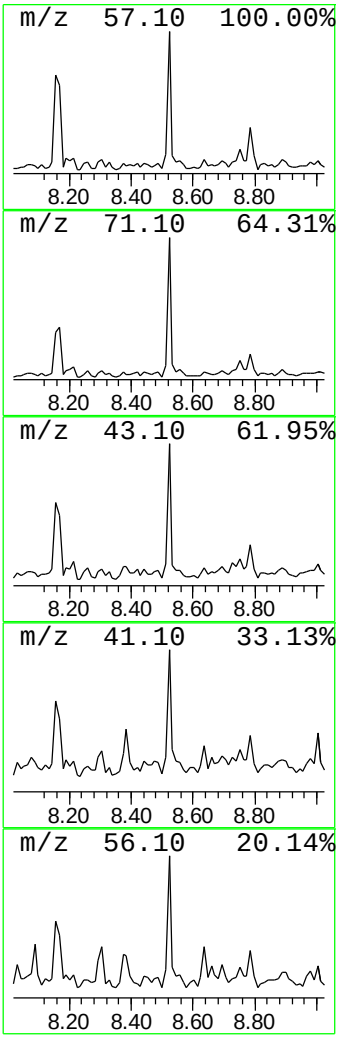
****

Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	8.68 ng	436078	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

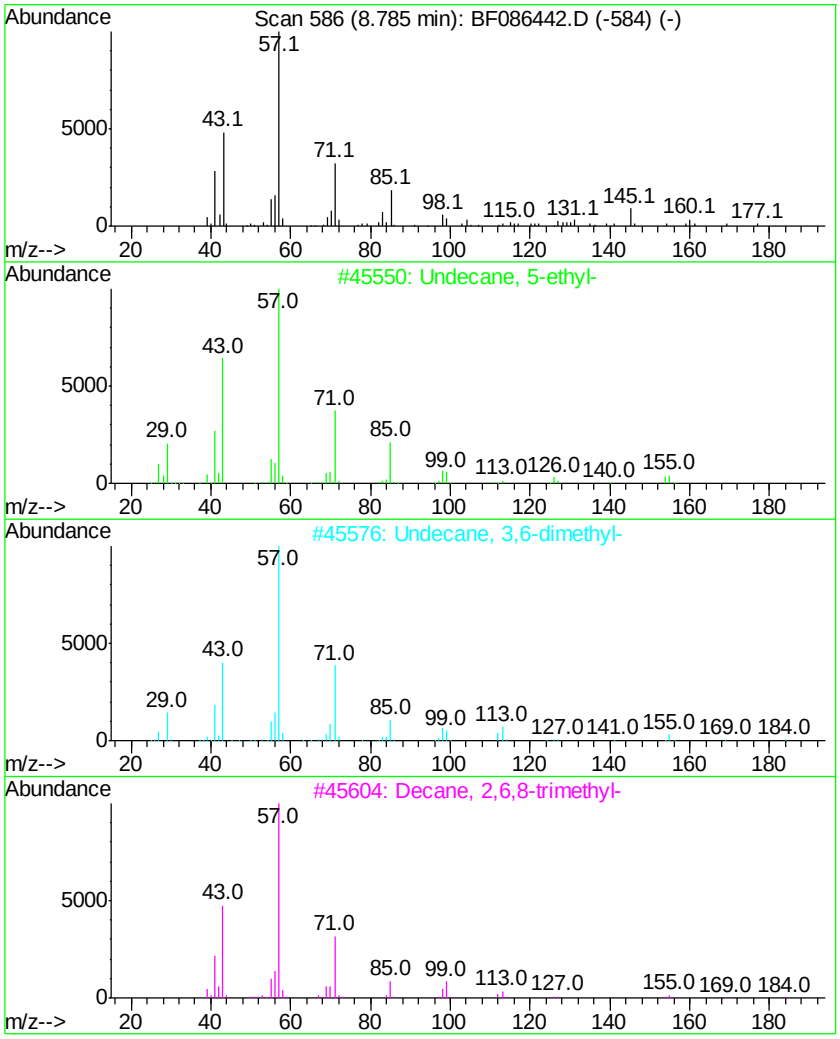
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

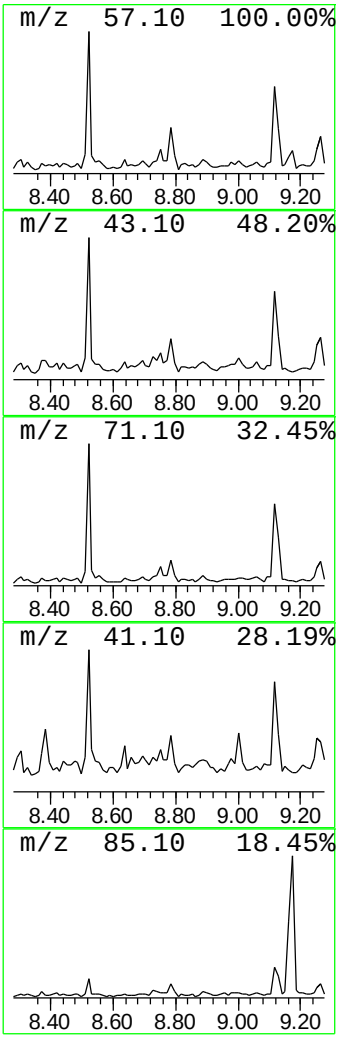
****

Peak Number 11 Undecane, 5-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	3.32 ng	166855	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

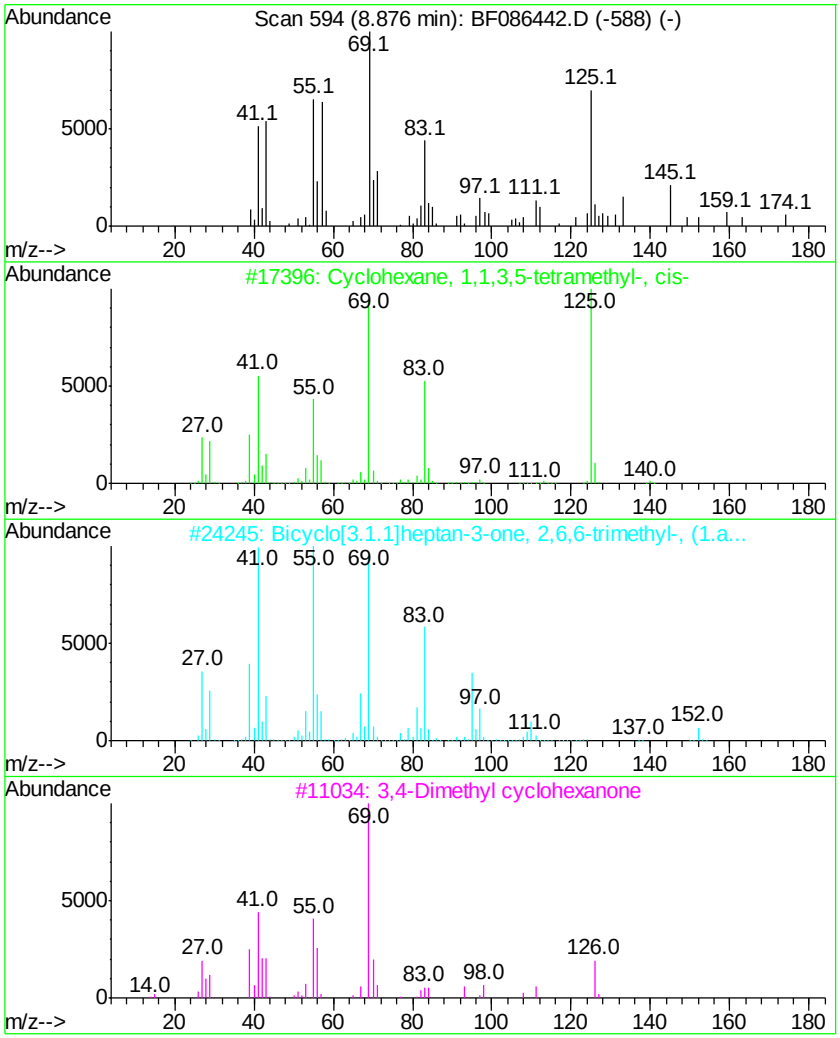
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

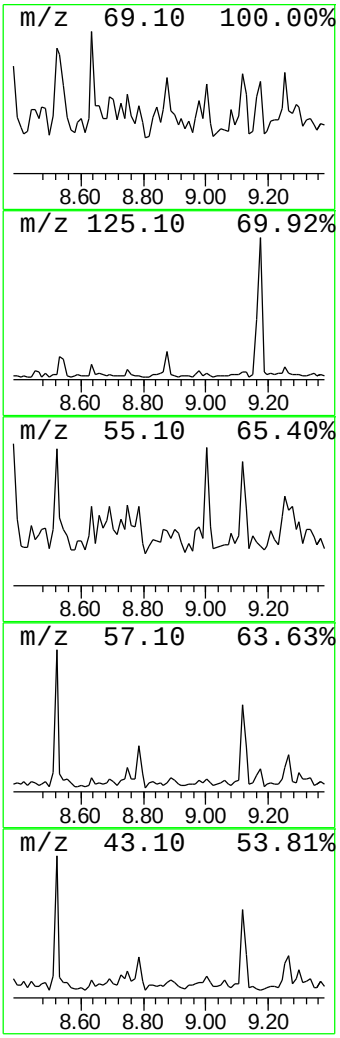
****

Peak Number 12 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	5.21 ng	261916	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	53
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
3	3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	30
4	Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	27
5	Diisopropylcyanamide	126	C7H14N2	003085-76-5	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

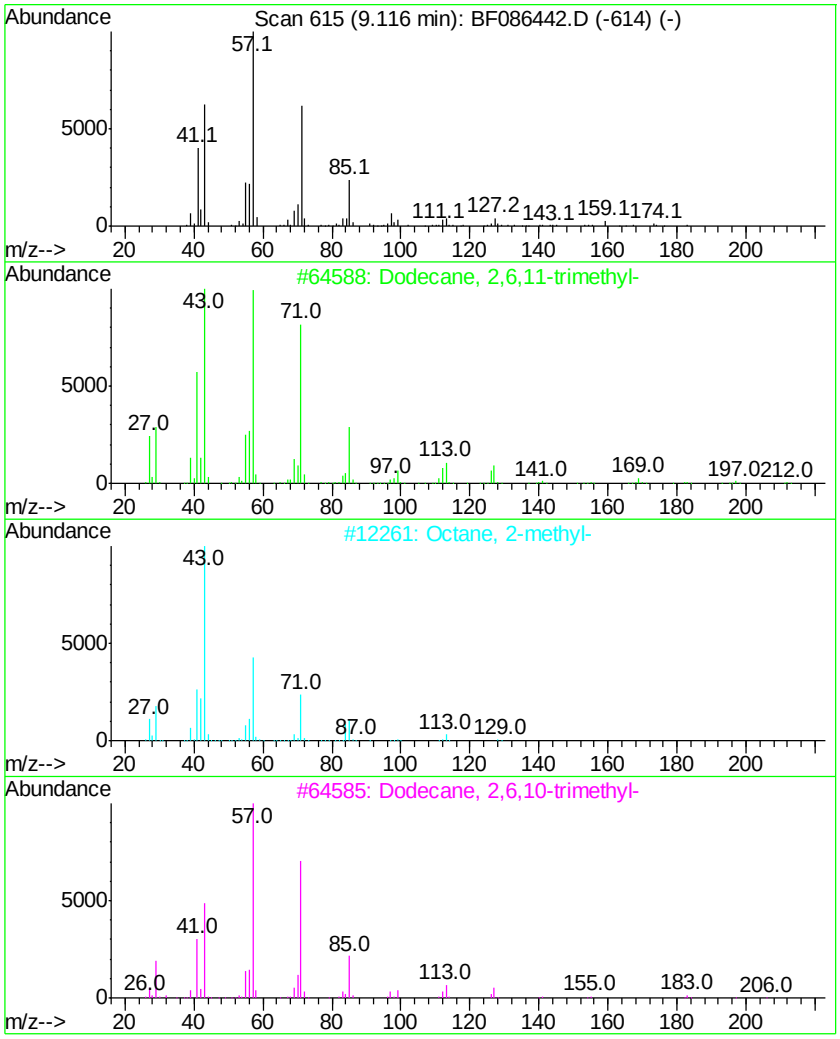
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

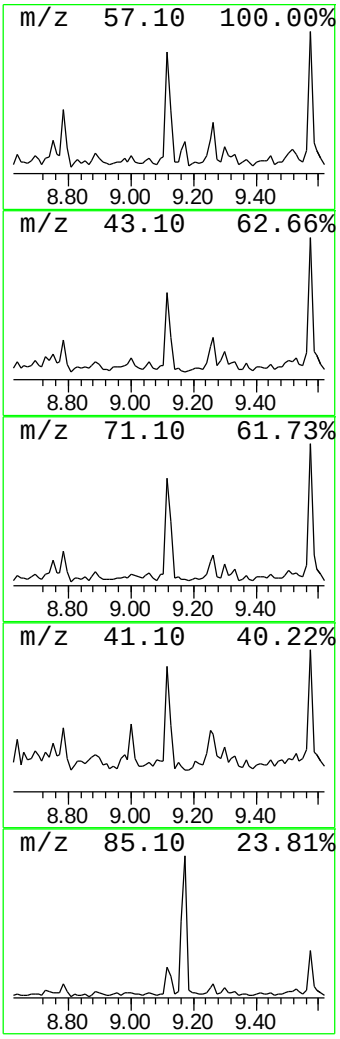
****

Peak Number 13 Dodecane, 2,6,11-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	6.61 ng	312170	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2	Octane, 2-methyl-	128	C9H20	003221-61-2	72
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

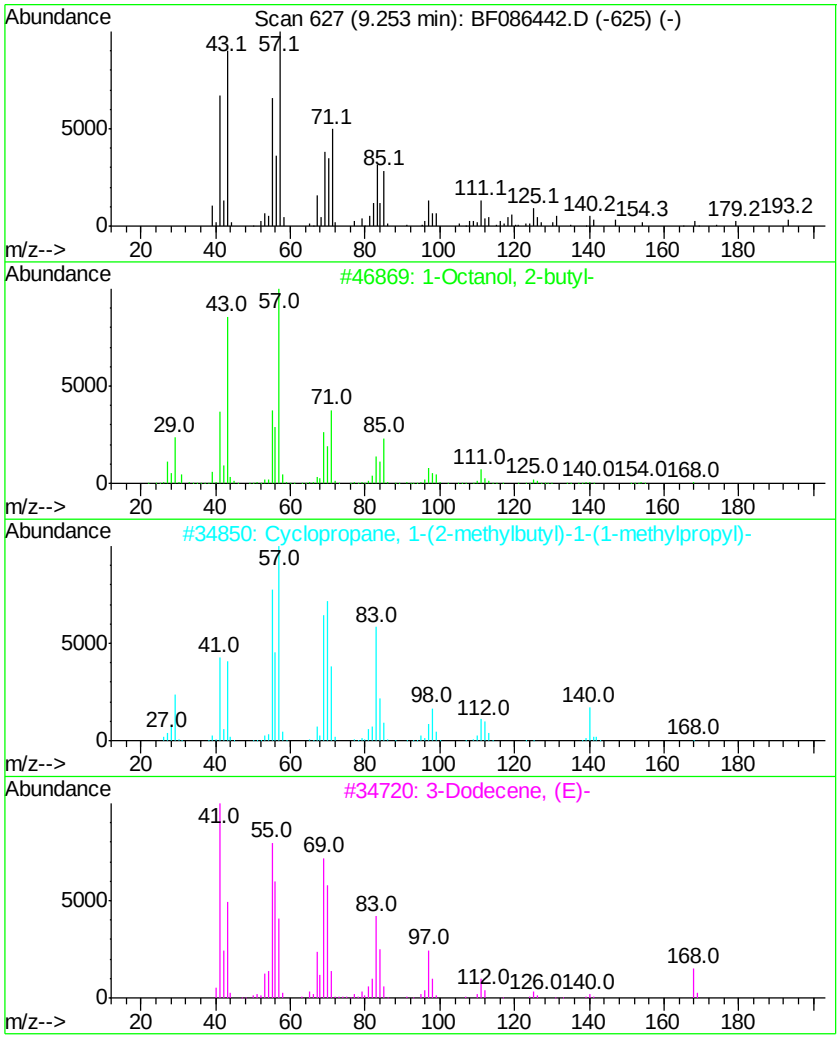
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

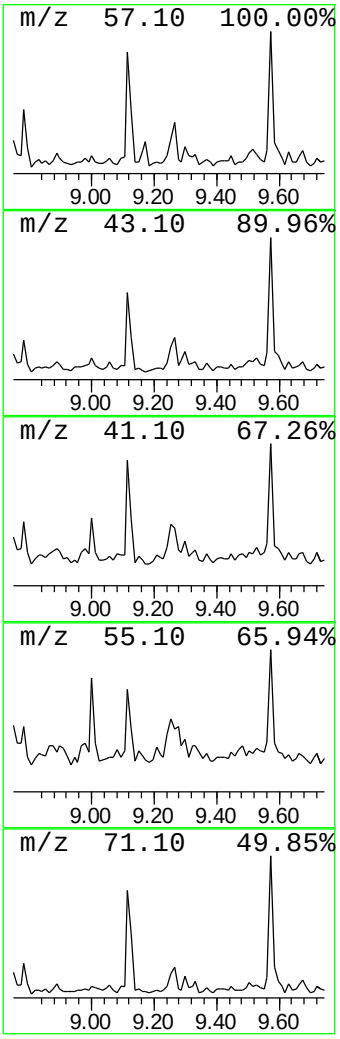
****

Peak Number 14 1-Octanol, 2-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	3.62 ng	170991	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	86
2	Cyclopropane, 1-(2-methylbutyl)-...	168	C12H24	064723-36-0	58
3	3-Dodecene, (E)-	168	C12H24	007239-23-8	50
4	cis-2-Nonene	126	C9H18	006434-77-1	46
5	2-Nonene, (E)-	126	C9H18	006434-78-2	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

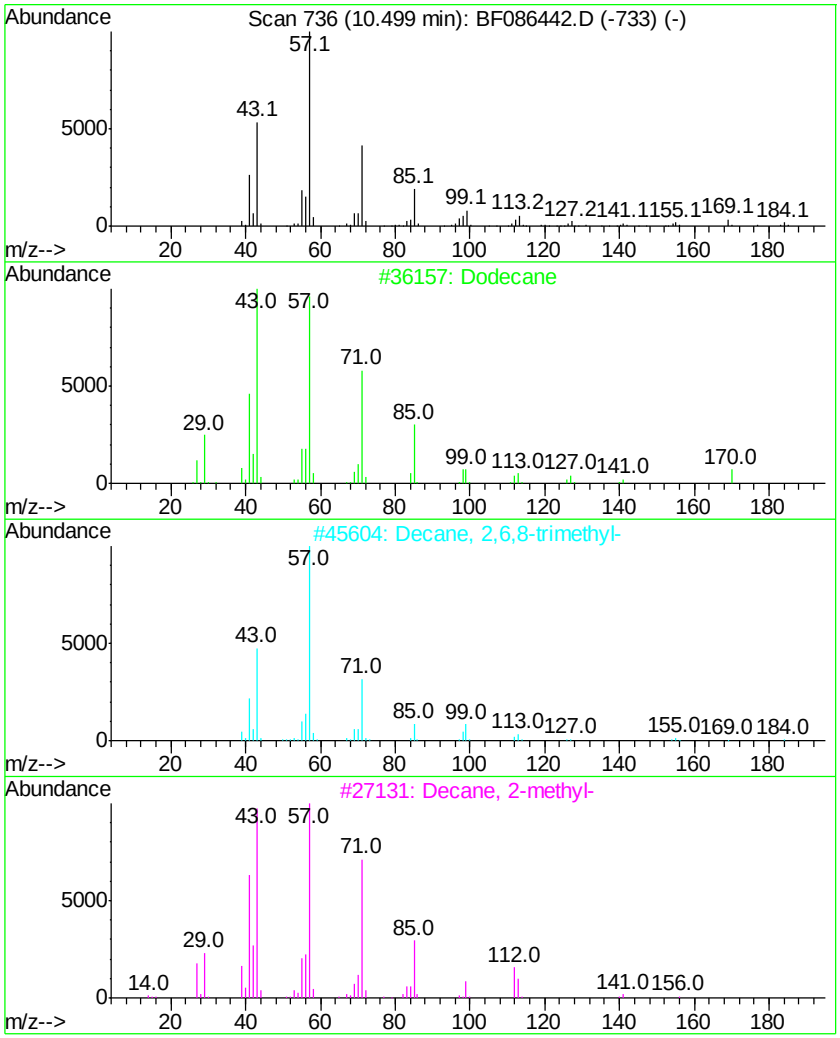
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

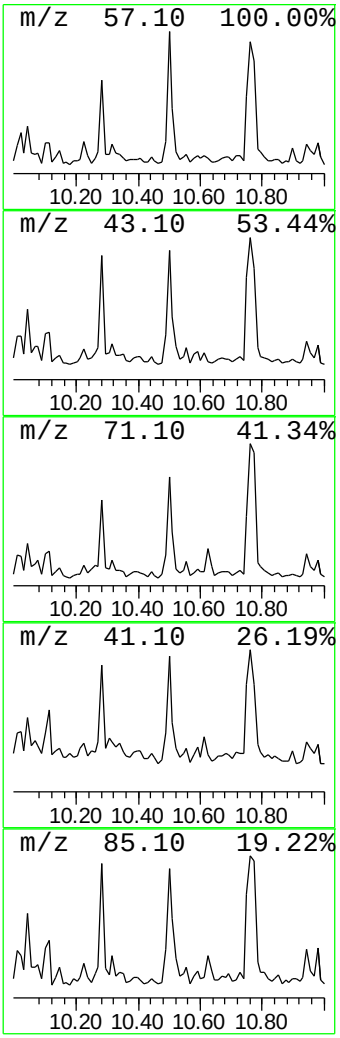
****

Peak Number 15 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	7.51 ng	354262	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	81
3	Decane, 2-methyl-	156	C11H24	006975-98-0	81
4	Eicosane	282	C20H42	000112-95-8	80
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

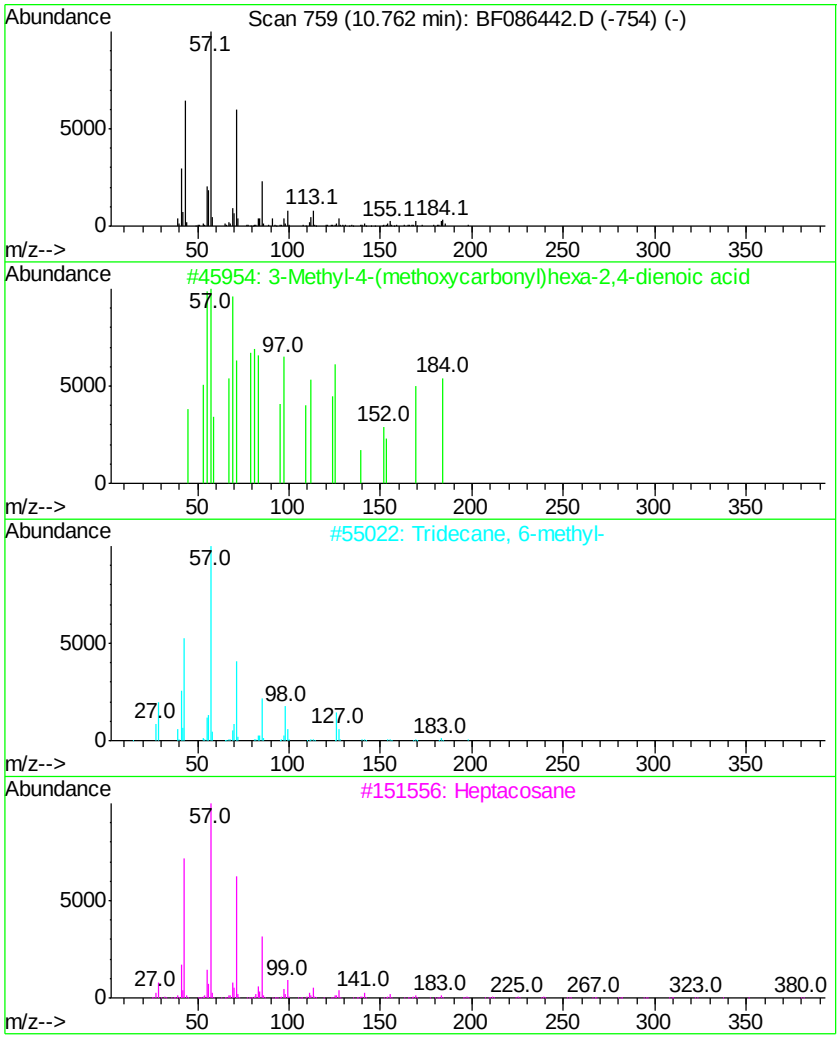
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

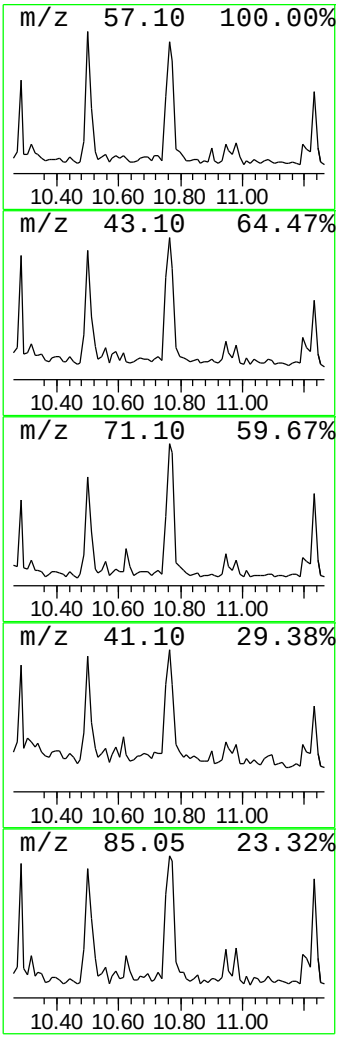
****

Peak Number 16 3-Methyl-4-(methoxycarbonyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	18.44 ng	600071	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	92
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Decane, 2-methyl-	156	C11H24	006975-98-0	83
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

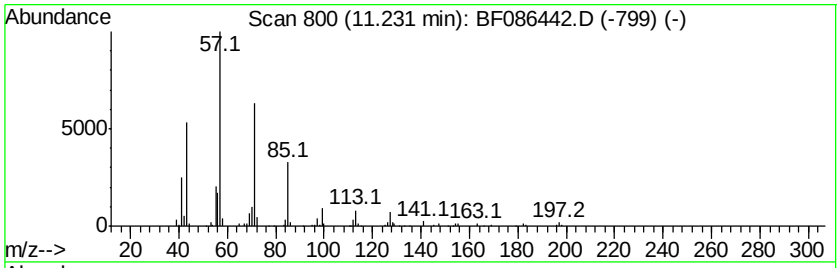
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

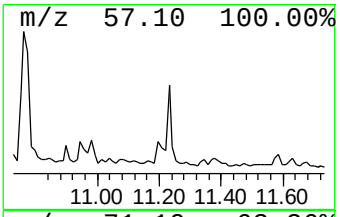
****

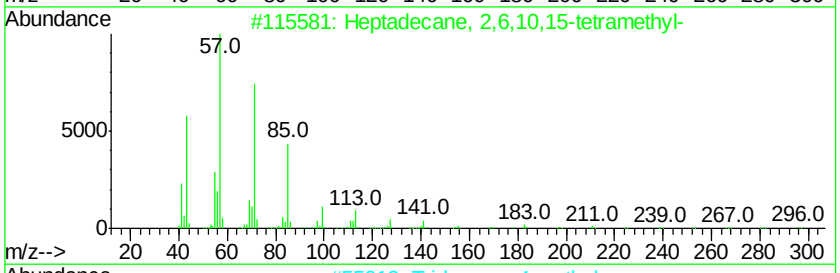
Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

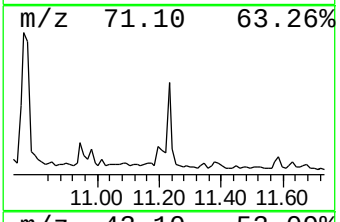
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	4.80 ng	156125	Phenanthrene-d10	11.32

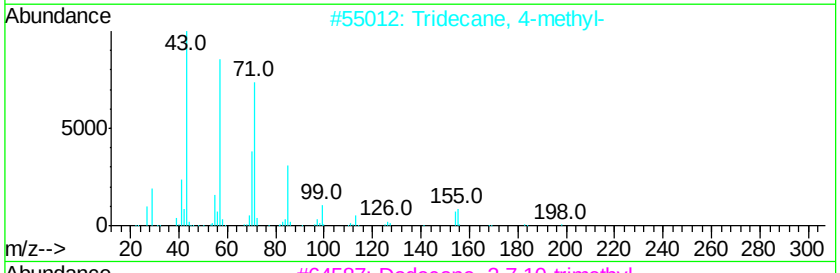
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	76

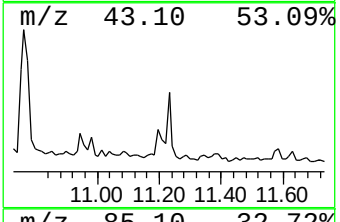


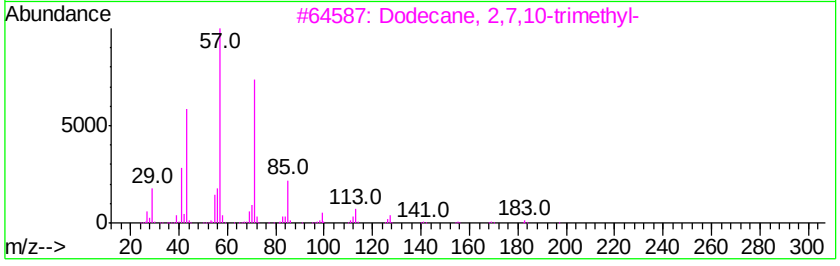


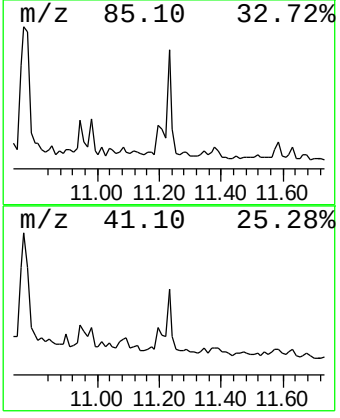












Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

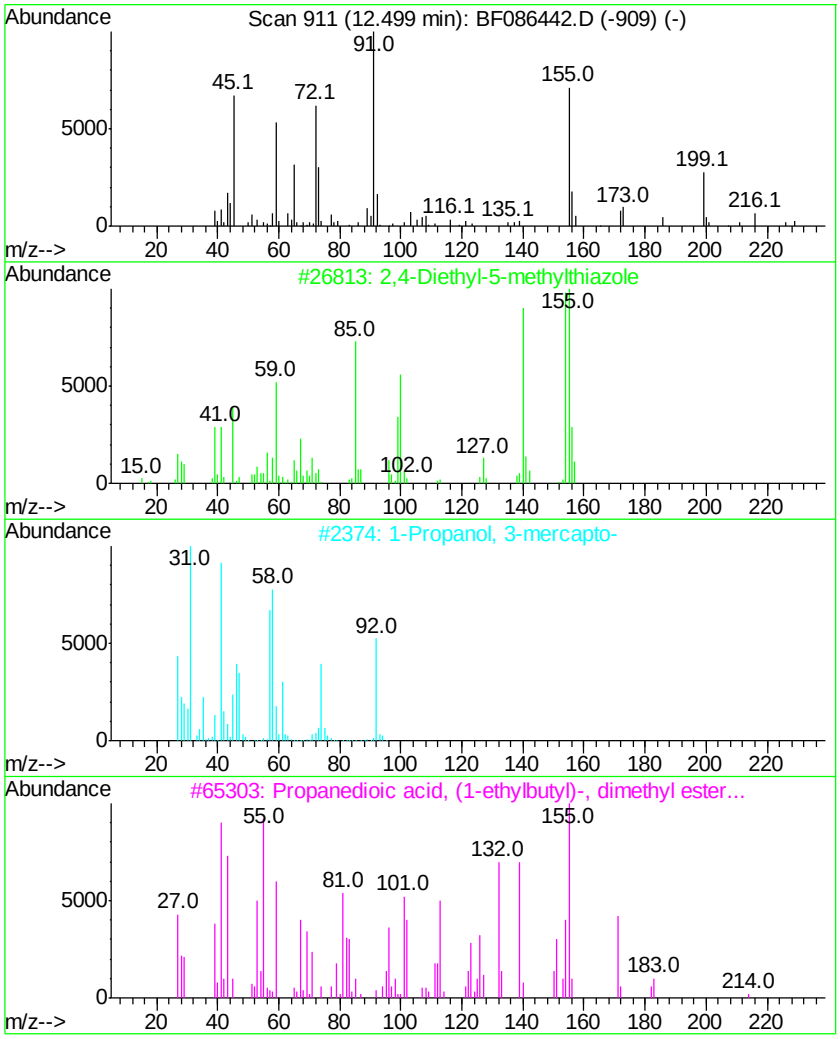
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

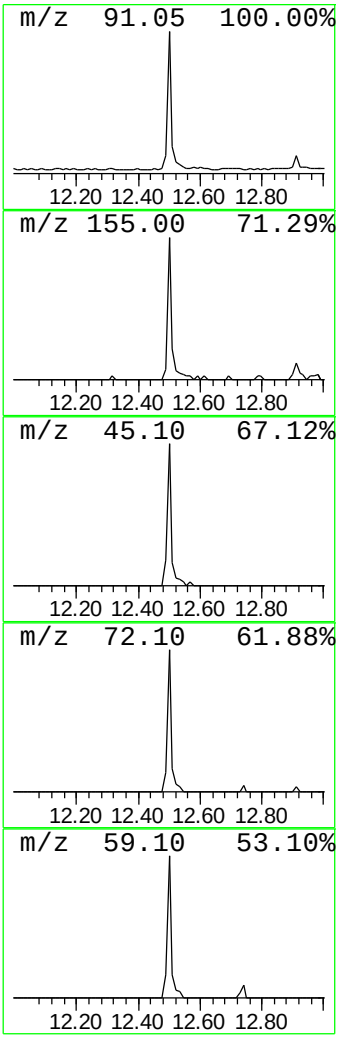
****

Peak Number 18 unknown12.50 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.45 ng	112374	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diethyl-5-methylthiazole	155	C8H13NS	052414-89-8	35
2	1-Propanol, 3-mercapto-	92	C3H8OS	019721-22-3	22
3	Propanedioic acid, (1-ethylbutyl...	214	C11H18O4	092747-24-5	22
4	2-Naphthalenecarboxamide, N,N-di...	199	C13H13NO	013577-85-0	18
5	Phosphonofluoridothioic hydrazid...	156	C3H10FN2PS	036267-52-4	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

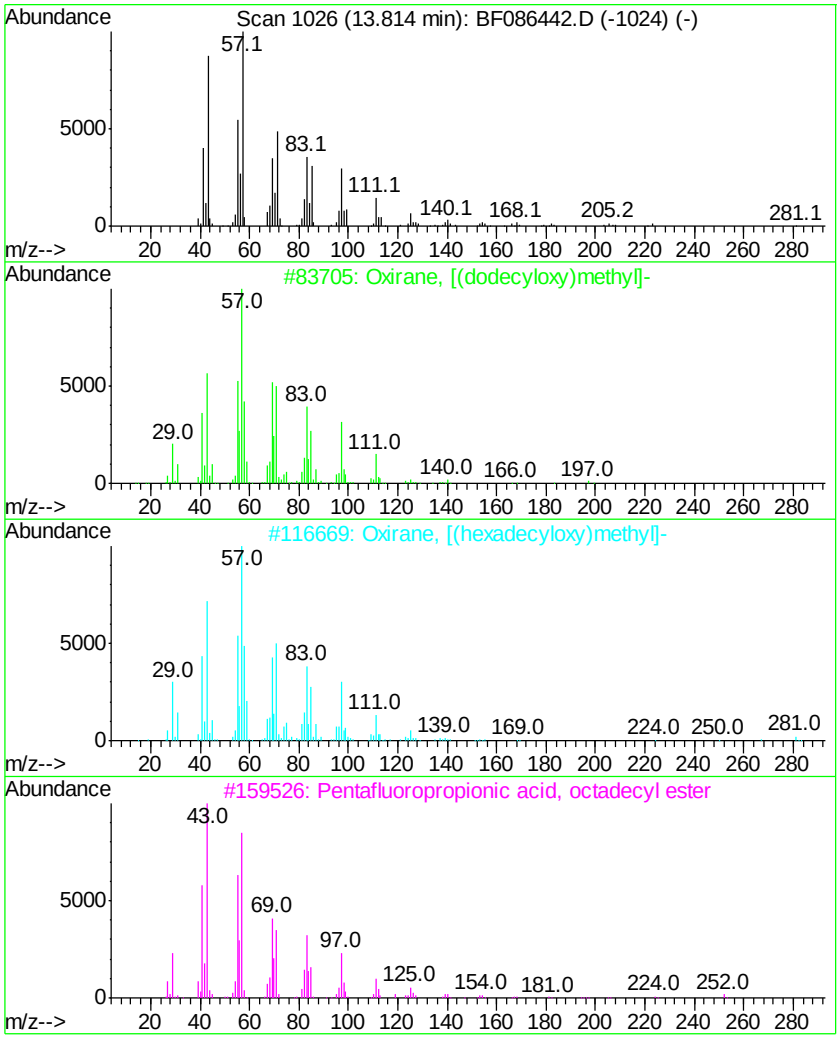
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

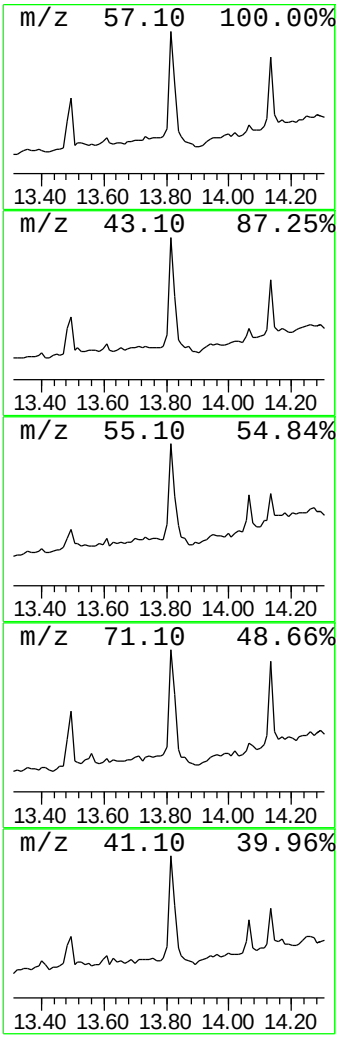
****

Peak Number 19 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.87 ng	301481	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	91
2	Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	83
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	81
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	58
5	11-Tricosene	322	C23H46	052078-56-5	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

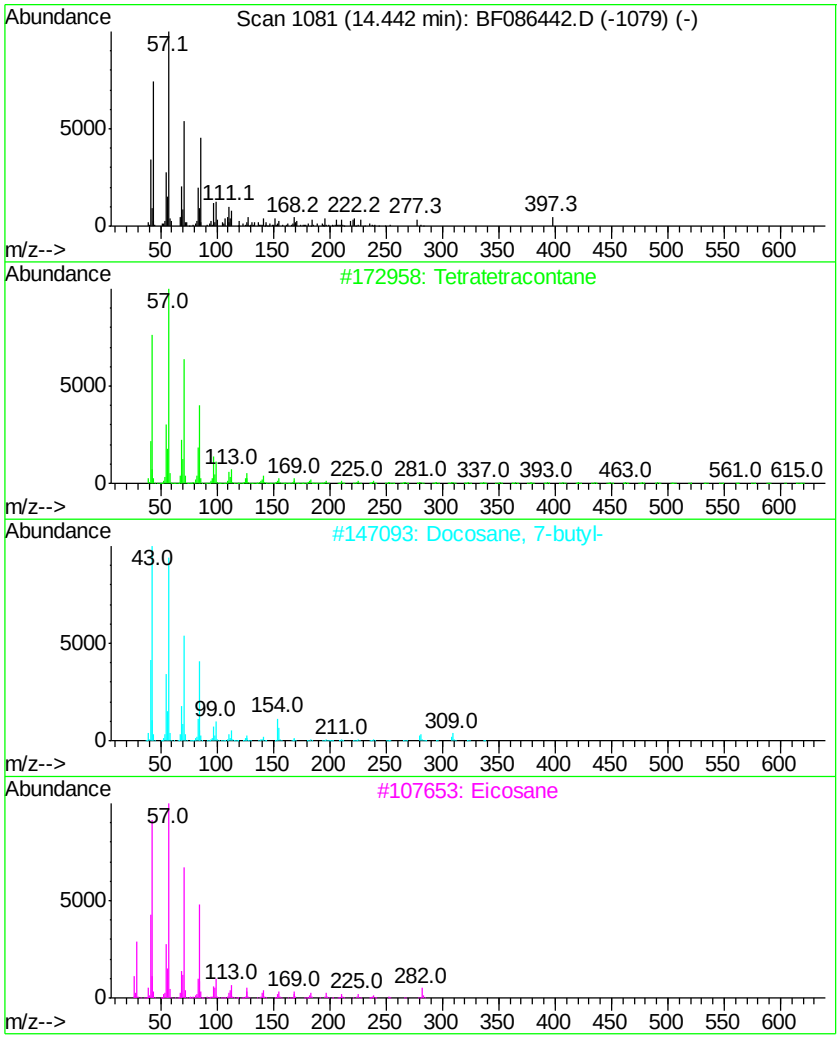
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

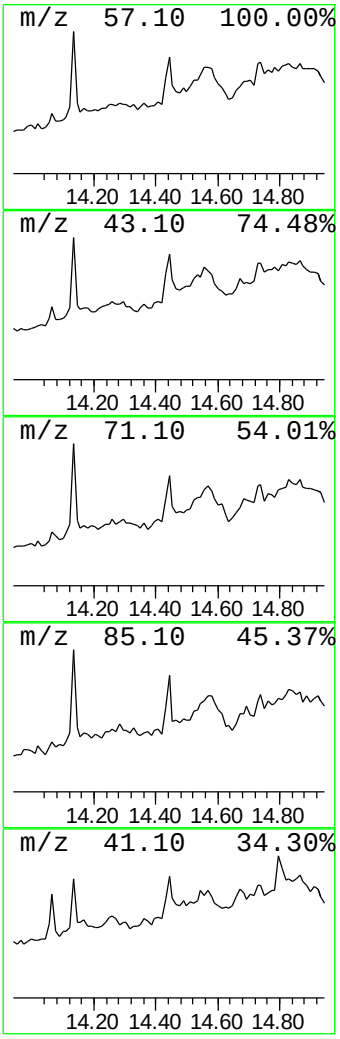
****

Peak Number 20 Tetratetracontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	2.69 ng	118129	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	80
2	Docosane, 7-butyl-	366	C26H54	055282-15-0	59
3	Eicosane	282	C20H42	000112-95-8	52
4	Octadecane	254	C18H38	000593-45-3	49
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086442.D
Acq On : 27 Apr 2016 23:57
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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...	4.99	2.6	ng	121360	1	6.81	916575	20.0
Cyclohexane, 1,2,...	7.46	2.6	ng	130463	2	8.09	1005190	20.0
1-Methyldecahydro...	7.73	4.1	ng	207085	2	8.09	1005190	20.0
4,4-Dipropylheptane	7.98	2.9	ng	147311	2	8.09	1005190	20.0
Undecane, 2,6-dim...	8.16	6.9	ng	344858	2	8.09	1005190	20.0
Cyclohexane, (2-m...	8.38	4.3	ng	214232	2	8.09	1005190	20.0
Octane, 2,6-dimet...	8.52	8.7	ng	436078	2	8.09	1005190	20.0
Undecane, 5-ethyl-	8.78	3.3	ng	166855	2	8.09	1005190	20.0
Cyclohexane, 1,1,...	8.88	5.2	ng	261916	2	8.09	1005190	20.0
Dodecane, 2,6,11-...	9.12	6.6	ng	312170	3	9.85	943933	20.0
1-Octanol, 2-butyl-	9.25	3.6	ng	170991	3	9.85	943933	20.0
Dodecane	10.50	7.5	ng	354262	3	9.85	943933	20.0
3-Methyl-4-(metho...	10.76	18.4	ng	600071	4	11.32	651009	20.0
Heptadecane, 2,6,...	11.23	4.8	ng	156125	4	11.32	651009	20.0
unknown12.50	12.50	3.5	ng	112374	4	11.32	651009	20.0
Oxirane, [(dodecy...	13.81	6.9	ng	301481	5	13.96	877294	20.0
Tetratetracontane	14.44	2.7	ng	118129	5	13.96	877294	20.0