LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081256.D
Acq On : 28 Aug 2015 1:40
Operator : UM/IZ
Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE FILL SOURCE 2B

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-BF081715.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	2.526	67	69	82	rBV	5749	28300	1.71%	0.163%
2	3.806	177	181	187	rBB2	17598	36166	2.18%	0.208%
3	4.606	247	251	261	rVB	637392	1280503	77.31%	7.353%
4	5.063	289	291	294	rBV	1169327	1469935	88.75%	8.441%
5	5.497	327	329	332	rBB	22949	34360	2.07%	0.197%
6	6.160	384	387	389	rBV	1505025	1651880	99.73%	9.486%
7	6.275	394	397	399	rBV	1445003	1656343	100.00%	9.511%
8	6.503	415	417	419	rBV	377268	304222	18.37%	1.747%
9	6.663	428	431	433	rBV	1127763	1114652	67.30%	6.401%
10	7.075	465	467	470	rBV	877596	948950	57.29%	5.449%
11	7.200	475	478	480	rBV	13882	17396	1.05%	0.100%
12	7.795	528	530	532	rBV	360409	390993	23.61%	2.245%
13	8.195	564	565	571	rBB	26094	38739	2.34%	0.222%
14	8.743	611	613	618	rBB	14582	18431	1.11%	0.106%
15	8.869	622	624	627	rBV	1526919	1459037	88.09%	8.378%
16	9.006	634	636	638	rVB	46214	39584	2.39%	0.227%
17	9.269	657	659	661	rBV	323771	263473	15.91%	1.513%
18	9.532	680	682	684	rBV	540477	454778	27.46%	2.611%
19	9.966	717	720	721	rBV	12976	18908	1.14%	0.109%
20	10.321	748	751	753	rBV	932378	1141178	68.90%	6.553%
21	10.458	761	763	767	rBV	35196	38735	2.34%	0.222%
22	10.904	797	802	803	rBV	33710	30461	1.84%	0.175%
23	10.995	808	810	813	rVV2	411095	443159	26.76%	2.545%
24	11.064	813	816	820	rVB2	12253	21445	1.29%	0.123%
25	11.212	827	829	831	rBV	17360	20030	1.21%	0.115%
26	11.326	837	839	841	rVB	27493	23554	1.42%	0.135%
27	11.567	858	860	862	rBV	204068	212170	12.81%	1.218%
28	11.635	864	866	870	rVV3	10240	22325	1.35%	0.128%
29	12.092	897	906	907	rBV3	5325	20891	1.26%	0.120%
30	12.252	917	920	923	rBV2	13035	28009	1.69%	0.161%
31	12.344	926	928	933	rVV2	26393	38094	2.30%	0.219%
32	12.424	933	935	938	rVV	225243	206984	12.50%	1.189%
33	12.504	941	942	945	rVB	45116	42208	2.55%	0.242%
34	12.584	946	949	952	rBV	1537622	1537054	92.80%	8.826%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081256.D
Acq On : 28 Aug 2015 1:40
Operator : UM/IZ
Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE FILL SOURCE 2B

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.835	969	971	978	rVB	26740	31708	1.91%	0.182%
36	13.064	985	991	994	rBV2	13766	34973	2.11%	0.201%
37	13.155	996	999	1000	rVV	208872	209766	12.66%	1.205%
38	13.178	1000	1001	1005	rVB2	34688	47171	2.85%	0.271%
39	13.498	1026	1029	1037	rBV	187727	290718	17.55%	1.669%
40	13.612	1037	1039	1041	rBV	422588	440594	26.60%	2.530%
41	13.818	1054	1057	1062	rBV	44383	51145	3.09%	0.294%
42	14.115	1081	1083	1090	rBV	64976	110706	6.68%	0.636%
43	14.367	1102	1105	1107	rBV	108315	179223	10.82%	1.029%
44	14.413	1107	1109	1113	rVV	44900	68297	4.12%	0.392%
45	14.470	1113	1114	1116	rVV	31485	31231	1.89%	0.179%
46	14.538	1118	1120	1122	rVB	15810	17079	1.03%	0.098%
47	14.698	1131	1134	1136	rBV	104215	132042	7.97%	0.758%
48	14.733	1136	1137	1143	rVB4	11253	23849	1.44%	0.137%
49	14.938	1152	1155	1157	rBV	227187	293714	17.73%	1.687%
50	14.995	1157	1160	1163	rVB	22177	25554	1.54%	0.147%
51	15.338	1187	1190	1193	rBV	46136	61525	3.71%	0.353%
52	15.395	1193	1195	1202	rVB4	20196	62087	3.75%	0.357%
53	15.727	1220	1224	1227	rVB2	8984	19162	1.16%	0.110%
54	16.184	1261	1264	1267	rBV	8989	18573	1.12%	0.107%
55	16.276	1267	1272	1275	rBV6	6591	26677	1.61%	0.153%
56	16.550	1292	1296	1302	rBV2	25043	80191	4.84%	0.460%
57	16.950	1326	1331	1335	rVB5	8417	23345	1.41%	0.134%
58	17.167	1346	1350	1357	rVB4	8483	24523	1.48%	0.141%
59	19.179	1519	1526	1531	rBV2	13730	41305	2.49%	0.237%
60	19.967	1587	1595	1597	rBV3	4768	16610	1.00%	0.095%

Sum of corrected areas: 17414715

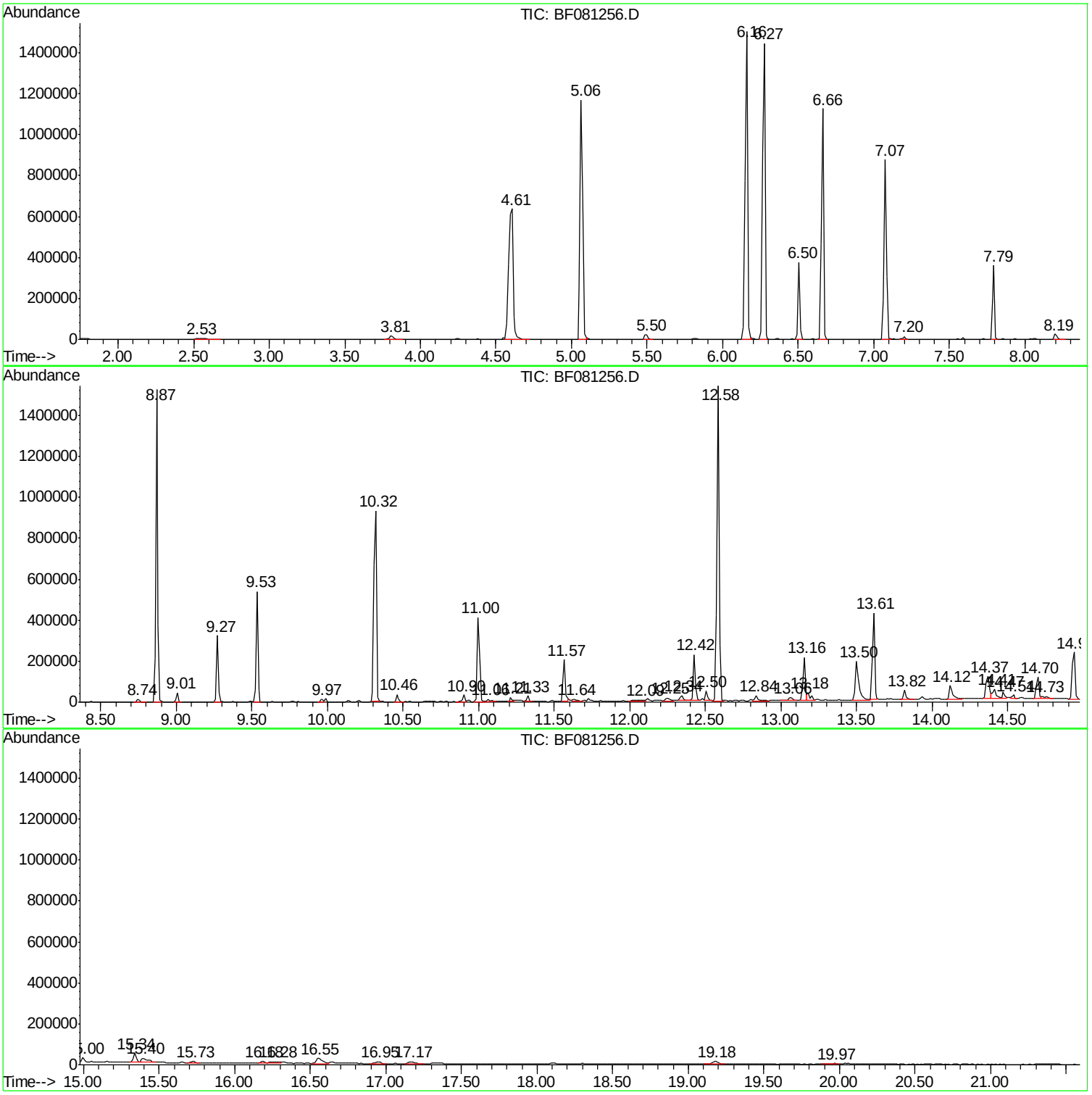
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081256.D
Acq On : 28 Aug 2015 1:40
Operator : UM/IZ
Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081256.D
Acq On : 28 Aug 2015 1:40
Operator : UM/IZ
Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

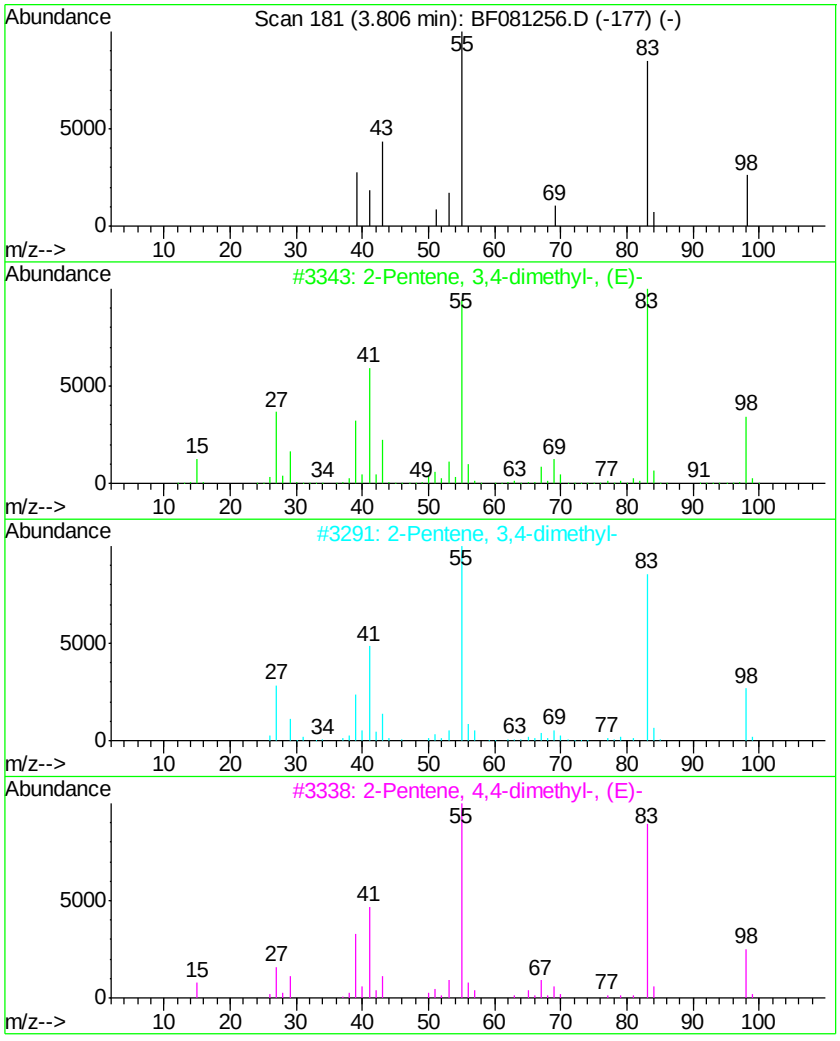
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

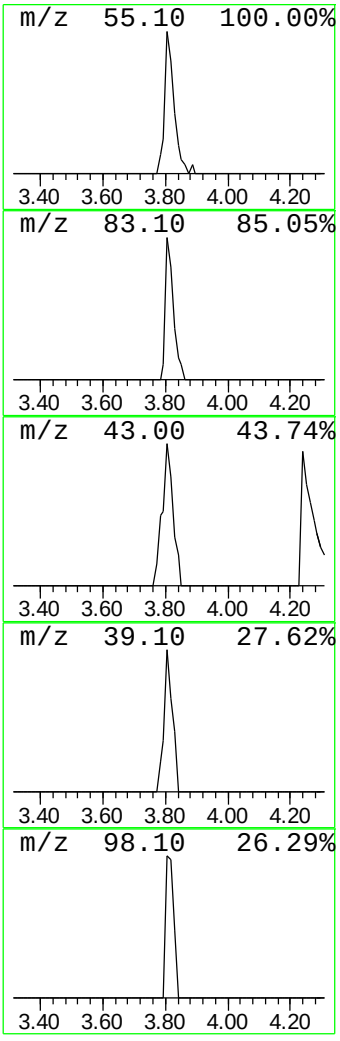
****

Peak Number 1 2-Pentene, 3,4-dimethyl-, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	2.38 ng	36166	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
2	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	90
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081256.D
Acq On : 28 Aug 2015 1:40
Operator : UM/IZ
Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

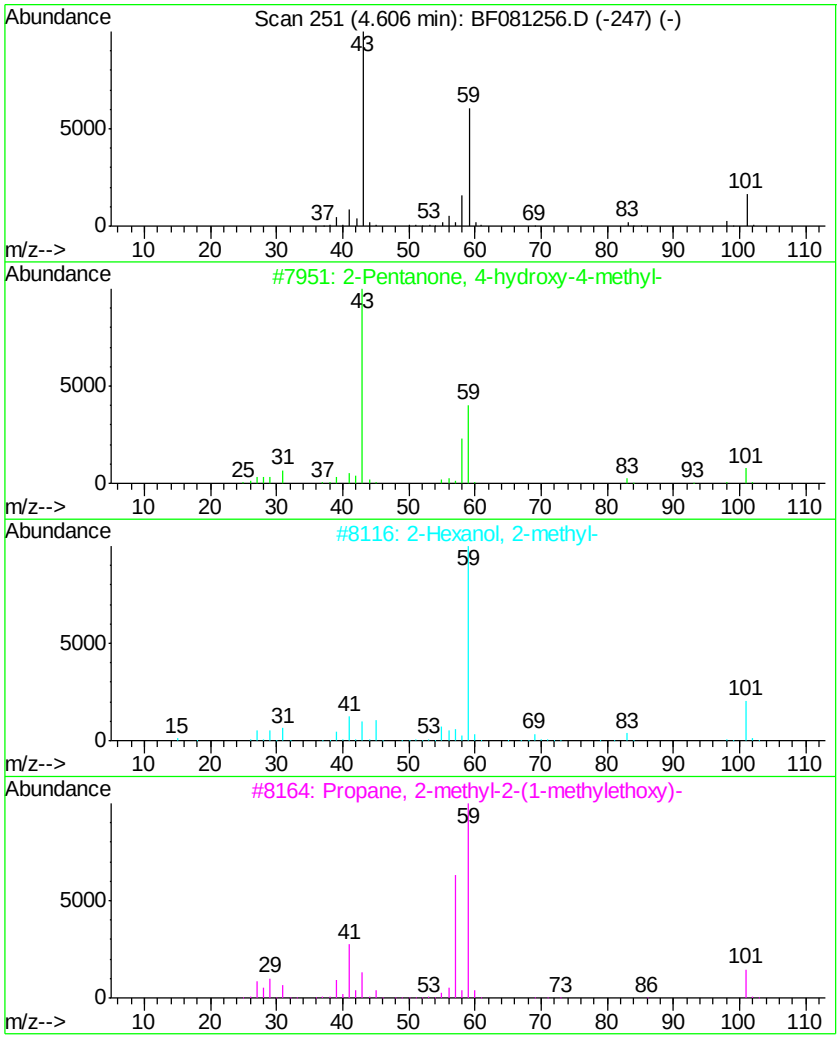
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

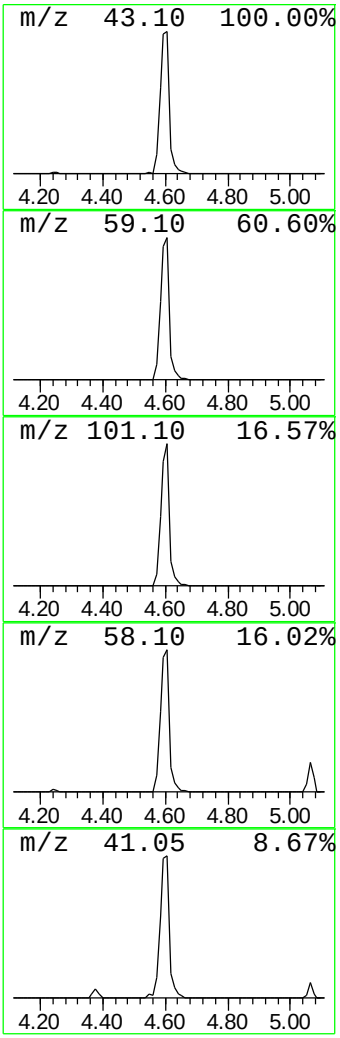
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.61	84.18 ng	1280500	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081256.D
Acq On : 28 Aug 2015 1:40
Operator : UM/IZ
Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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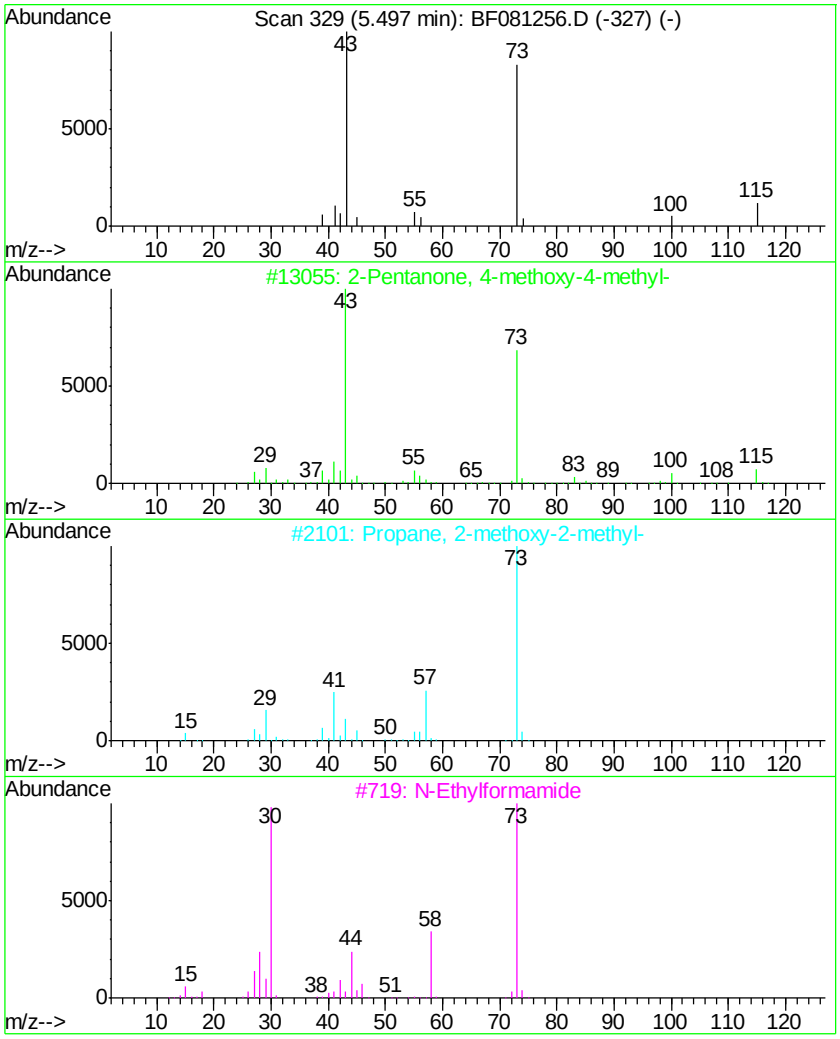
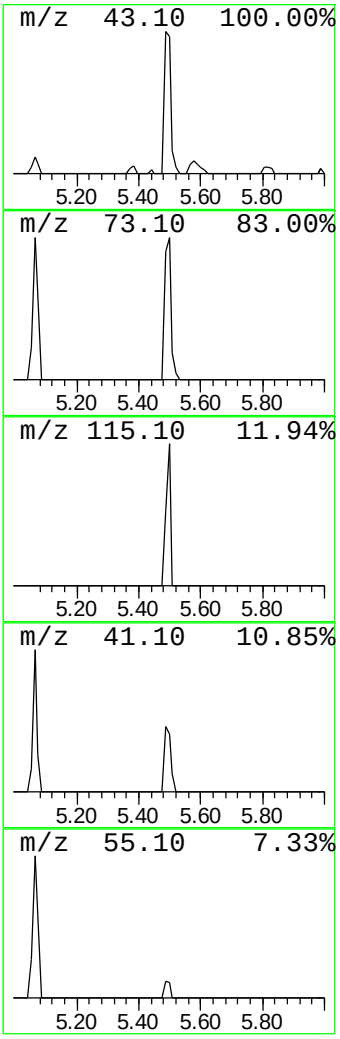
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	2.26 ng	34360	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	7
4	Guanidine, methyl-	73	C2H7N3	000471-29-4	7
5	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	7





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081256.D
Acq On : 28 Aug 2015 1:40
Operator : UM/IZ
Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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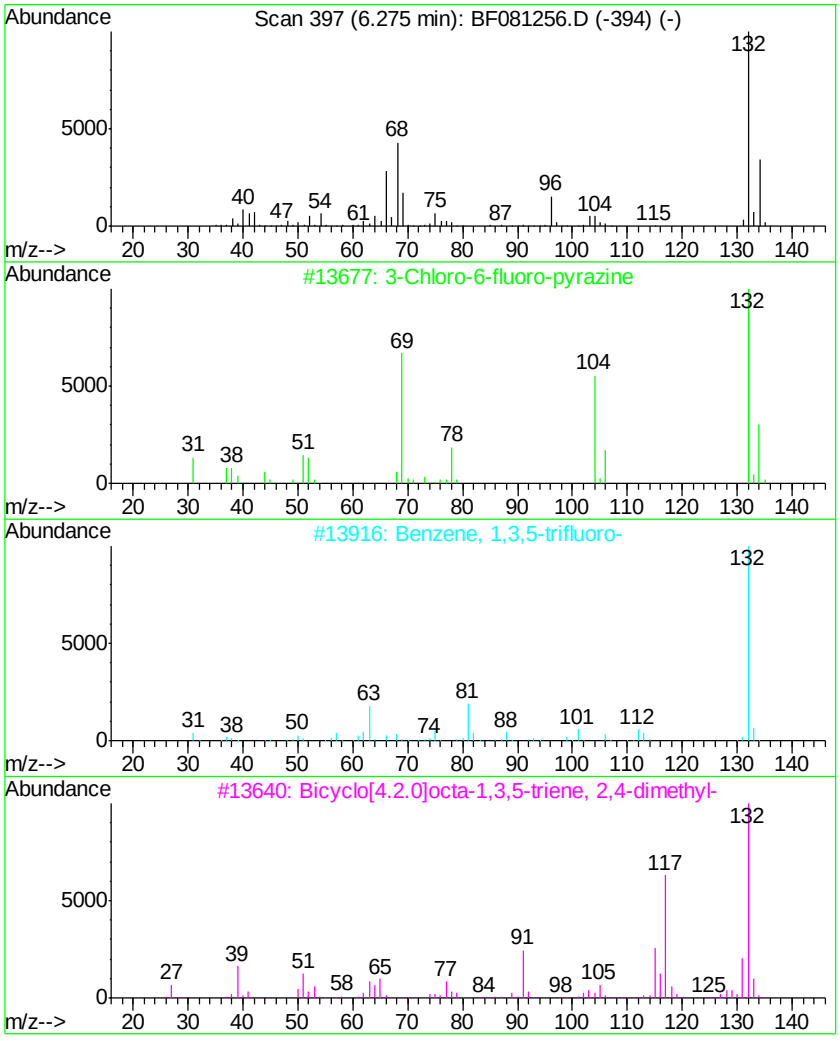
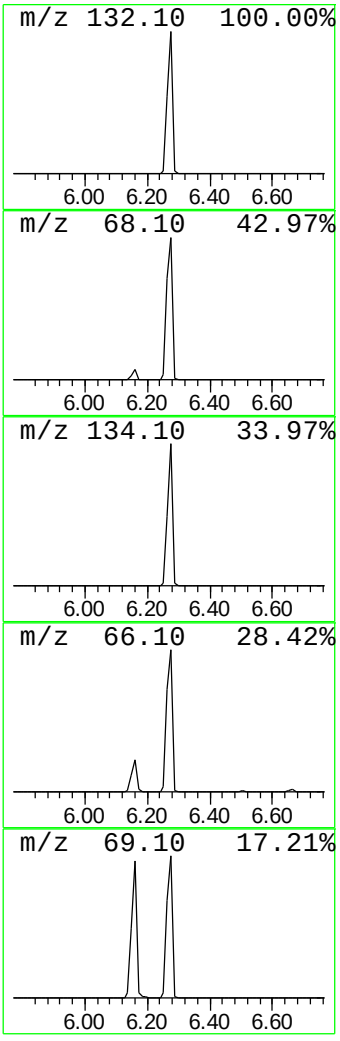
Peak Number 4 unknown6.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	108.89 ng	1656340	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





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Acq On : 28 Aug 2015 1:40
Operator : UM/IZ
Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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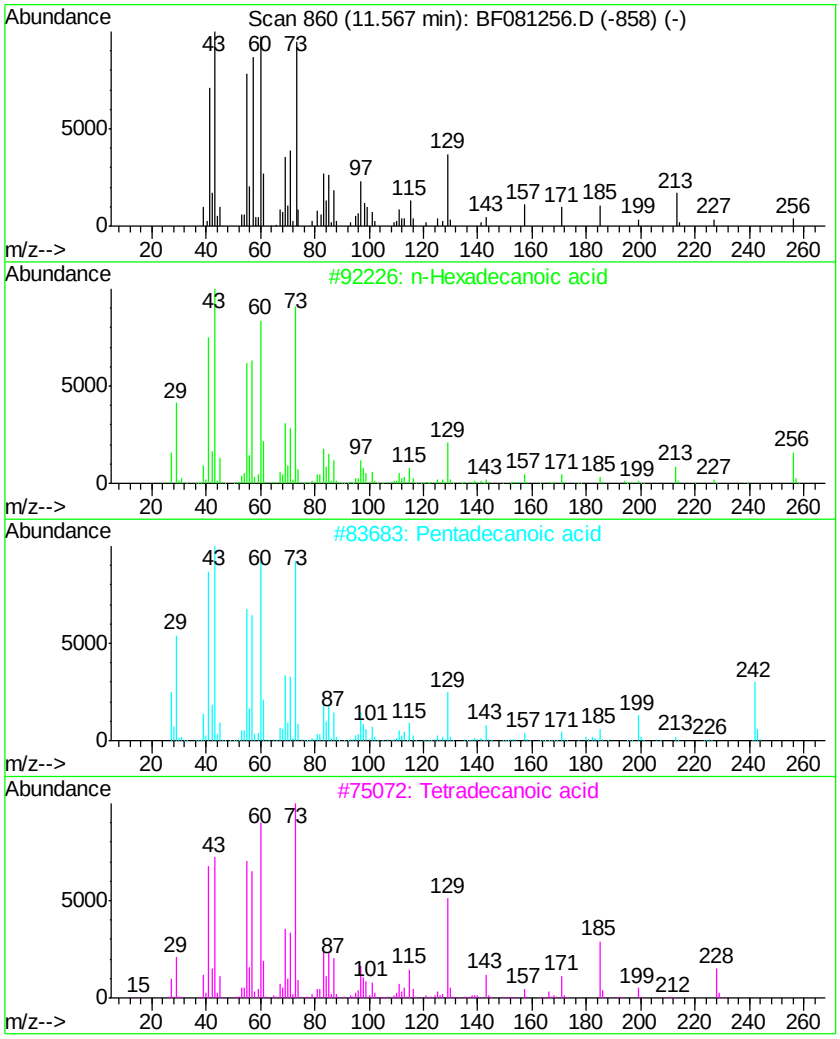
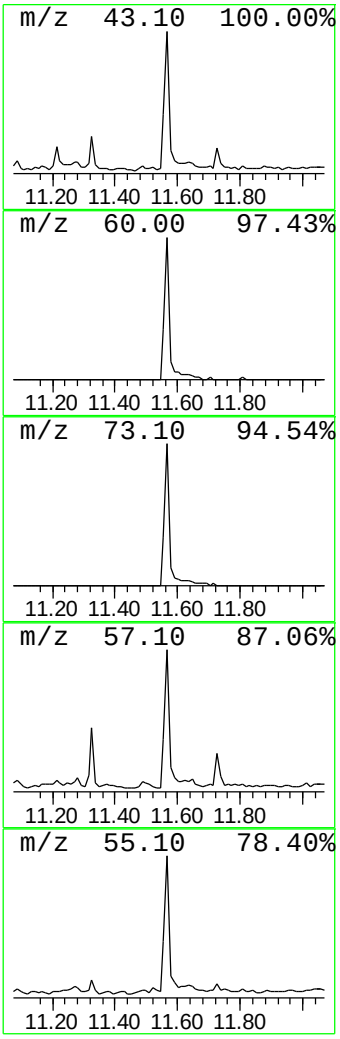
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	9.58 ng	212170	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Undecane	156	C11H24	001120-21-4	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081256.D
Acq On : 28 Aug 2015 1:40
Operator : UM/IZ
Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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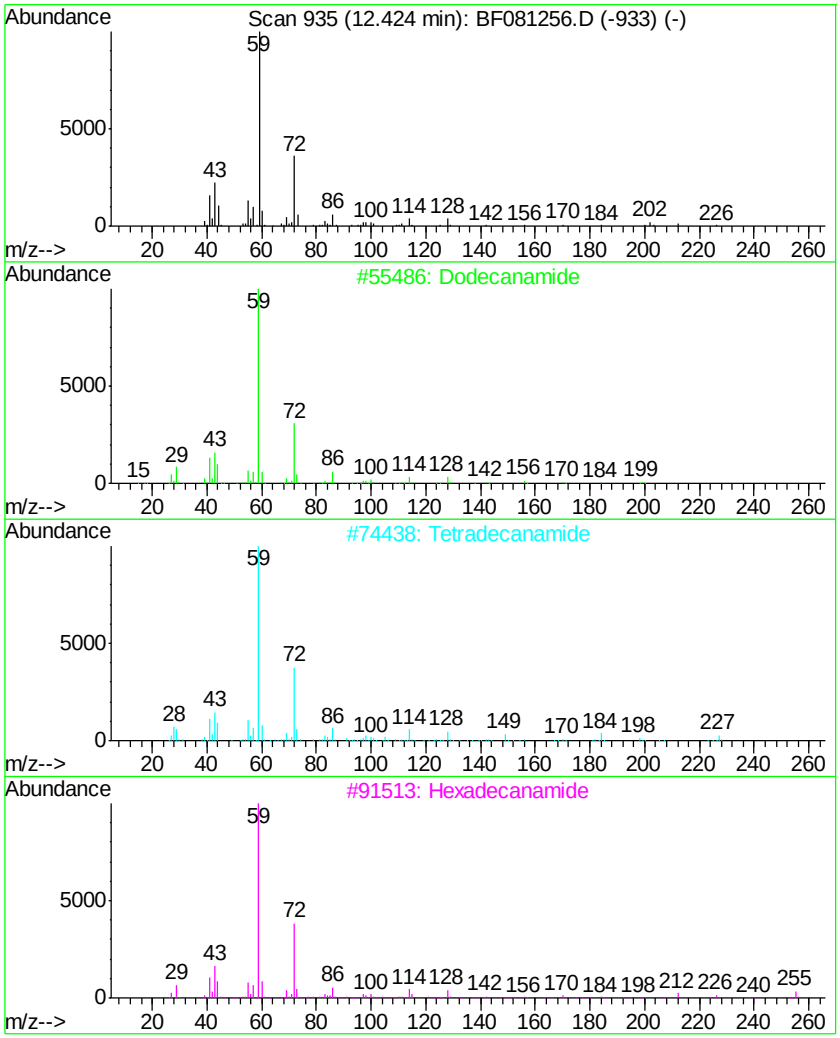
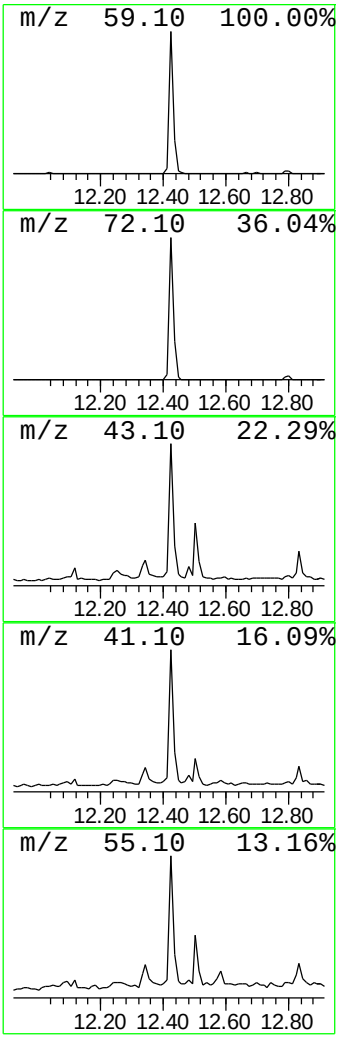
Peak Number 7 Dodecanamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	9.40 ng	206984	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanamide	199	C12H25NO	001120-16-7	90
2	Tetradecanamide	227	C14H29NO	000638-58-4	86
3	Hexadecanamide	255	C16H33NO	000629-54-9	86
4	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	78
5	Nonanamide	157	C9H19NO	001120-07-6	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081256.D
Acq On : 28 Aug 2015 1:40
Operator : UM/IZ
Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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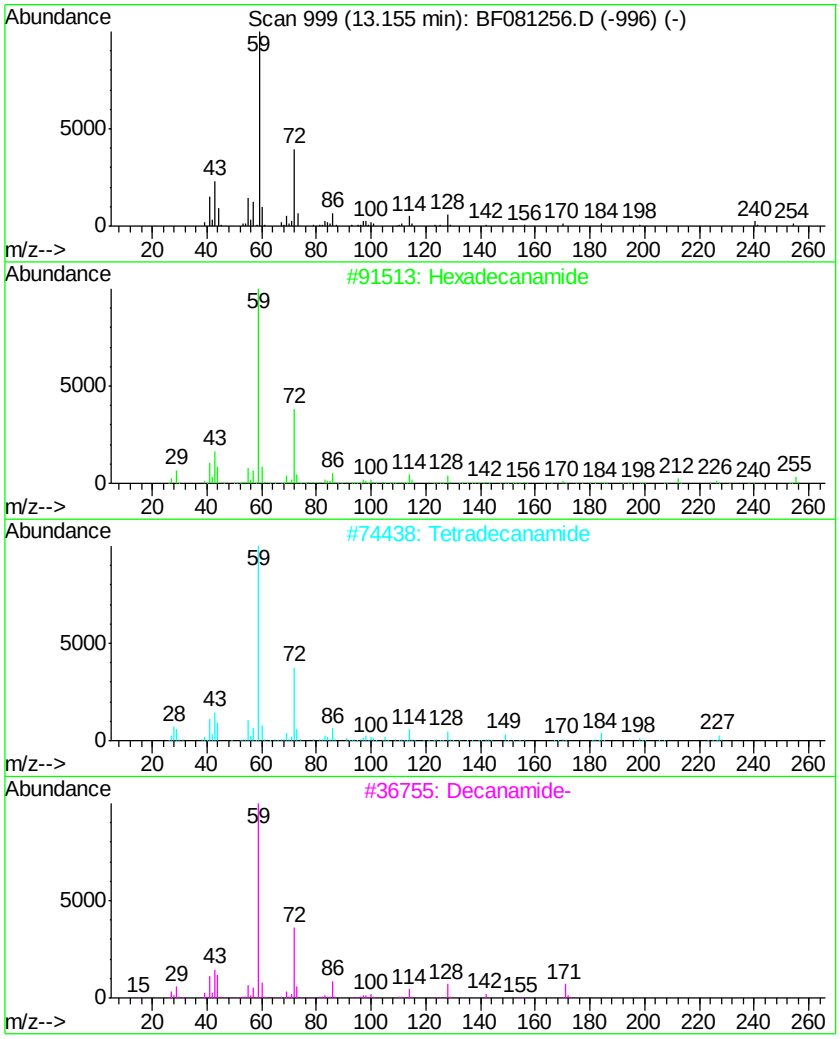
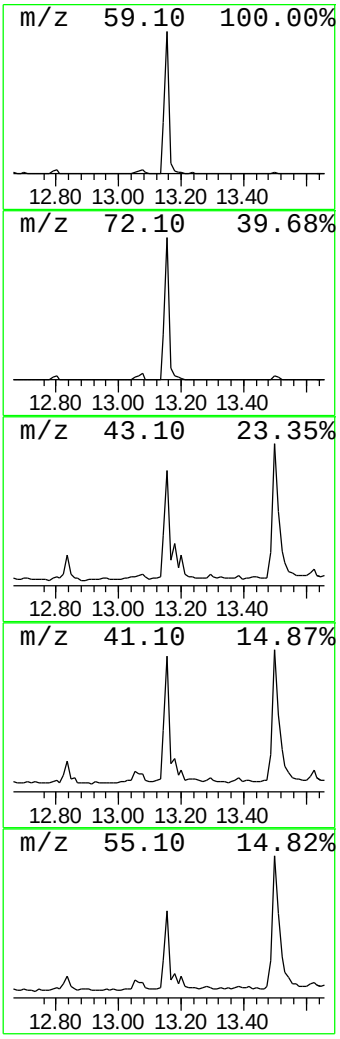
Peak Number 8 Hexadecanamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	9.52 ng	209766	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	90
2	Tetradecanamide	227	C14H29NO	000638-58-4	86
3	Decanamide-	171	C10H21NO	002319-29-1	78
4	Dodecanamide	199	C12H25NO	001120-16-7	78
5	Nonadecanamide	297	C19H39NO	058185-32-3	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081256.D
Acq On : 28 Aug 2015 1:40
Operator : UM/IZ
Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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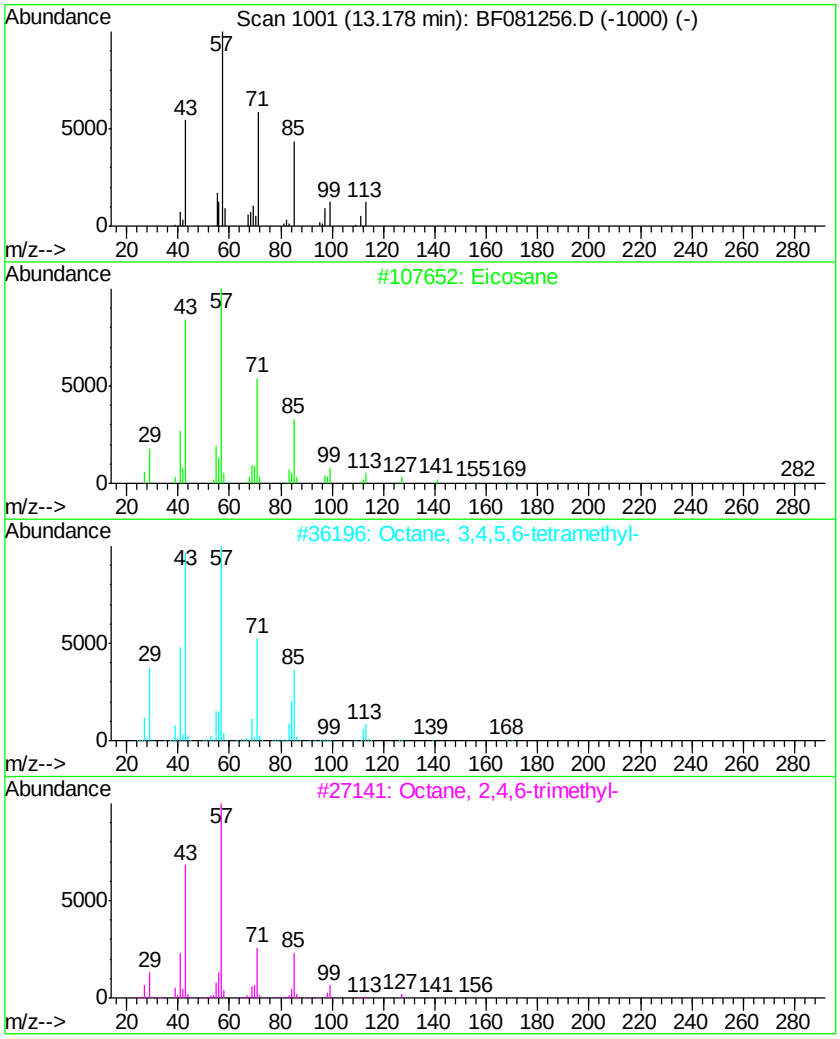
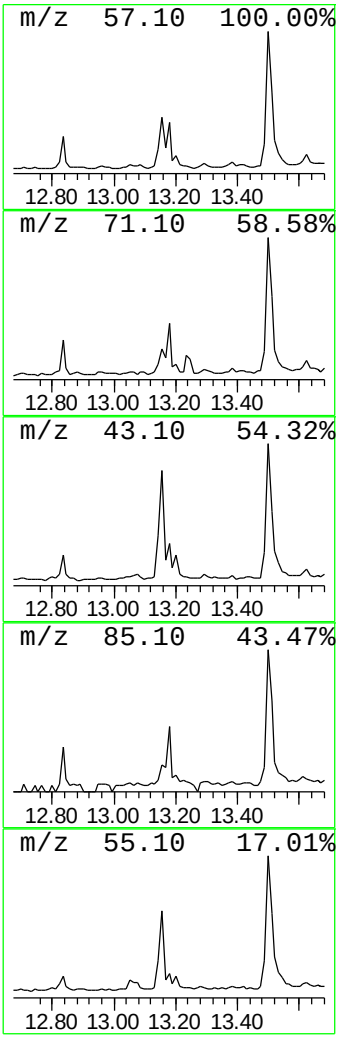
Peak Number 9 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.14 ng	47171	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	74
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
4	Tetradecane	198	C14H30	000629-59-4	45
5	Pentadecane	212	C15H32	000629-62-9	45





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Acq On : 28 Aug 2015 1:40
Operator : UM/IZ
Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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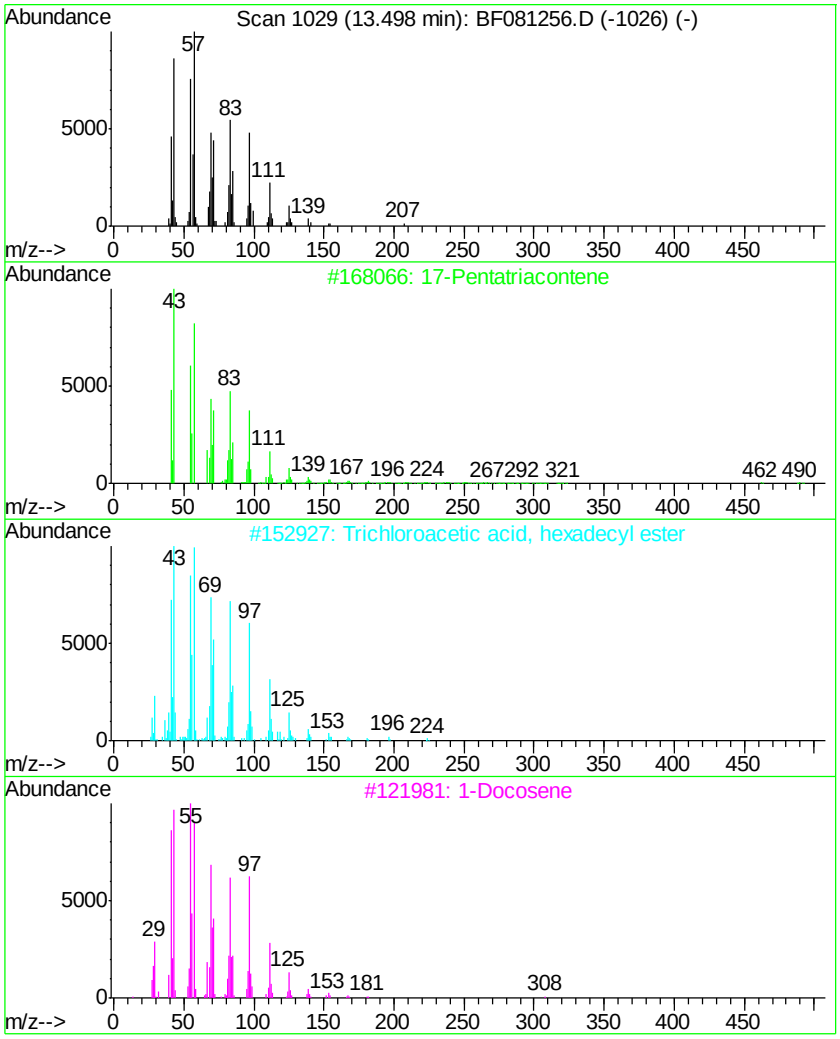
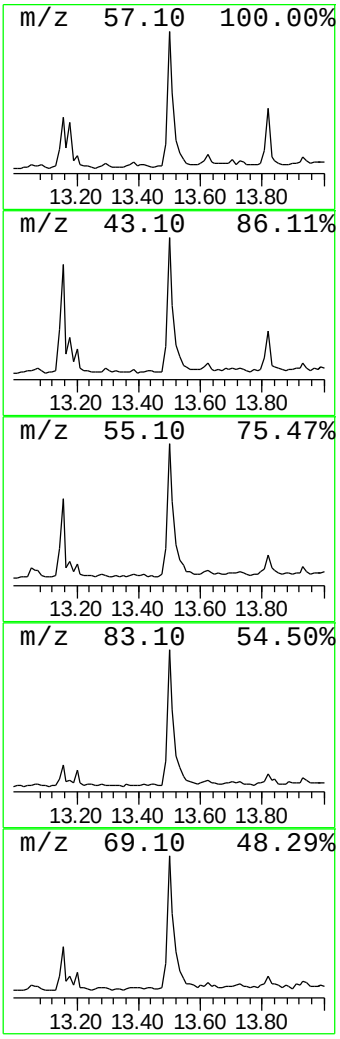
Peak Number 10 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	13.20 ng	290718	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3	1-Docosene	308	C22H44	001599-67-3	87
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	74
5	1-Hexacosanol	382	C26H54O	000506-52-5	68





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Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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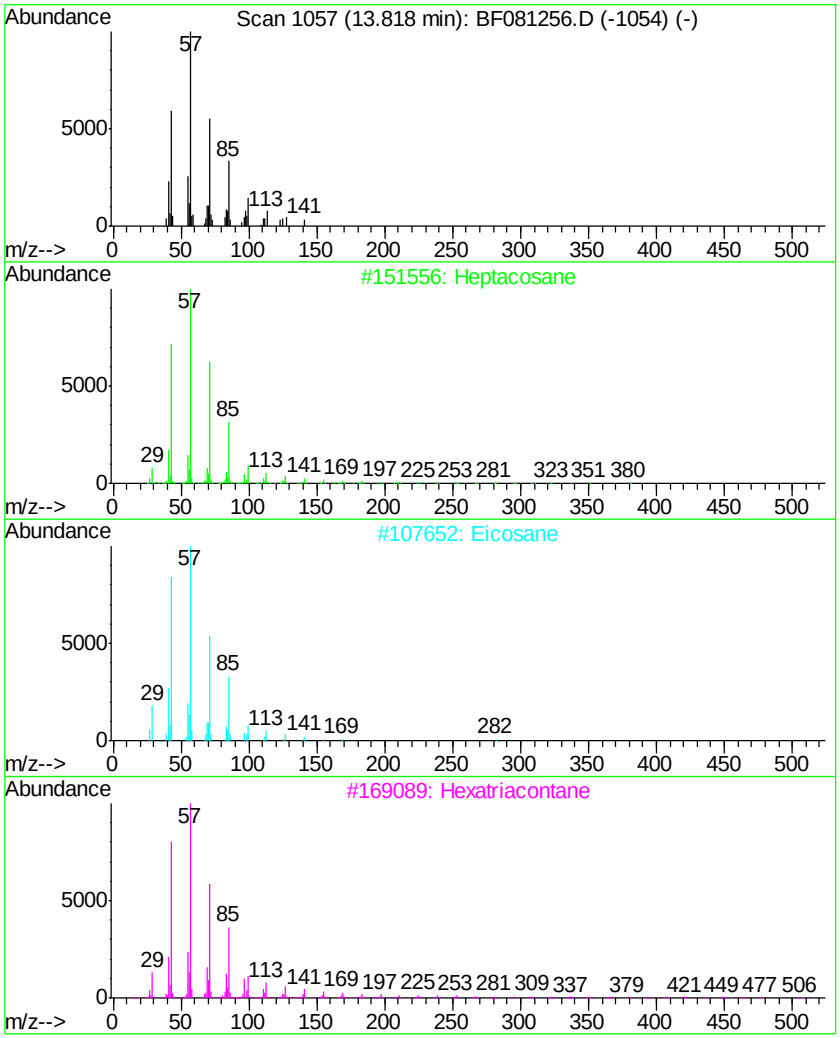
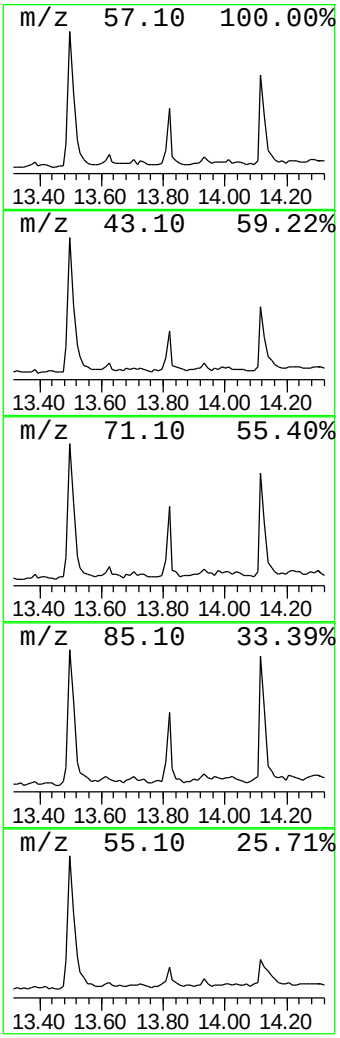
Peak Number 11 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.32 ng	51145	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Hexatriacontane	507	C36H74	000630-06-8	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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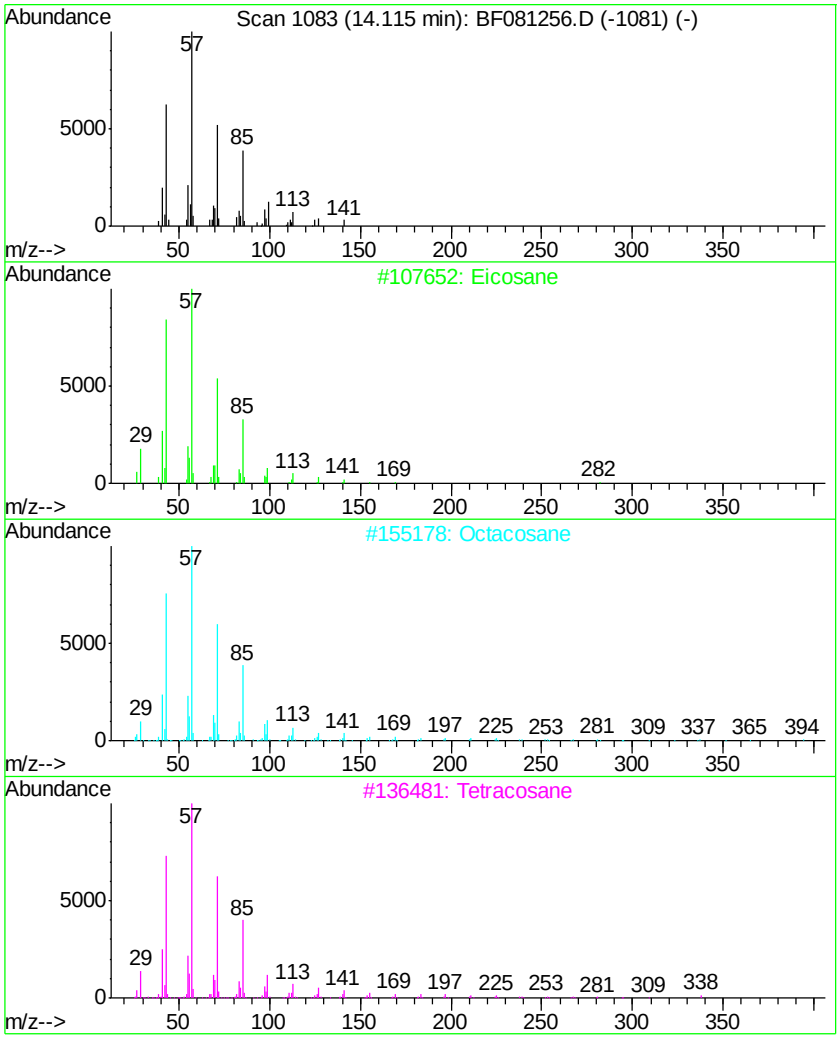
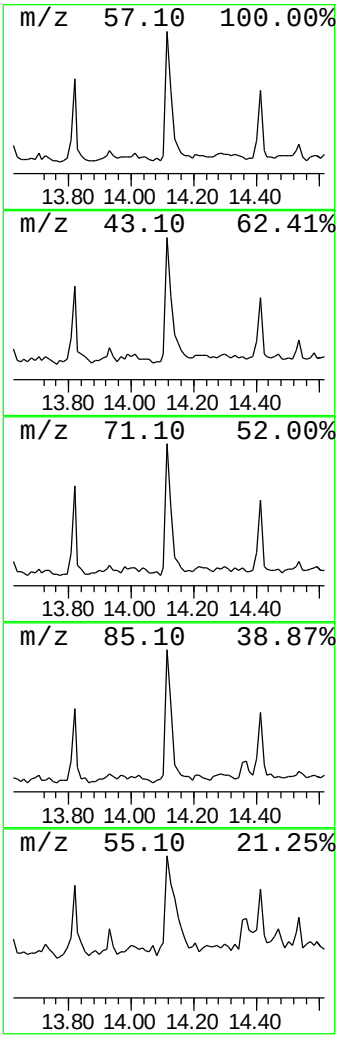
Peak Number 12 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	5.03 ng	110706	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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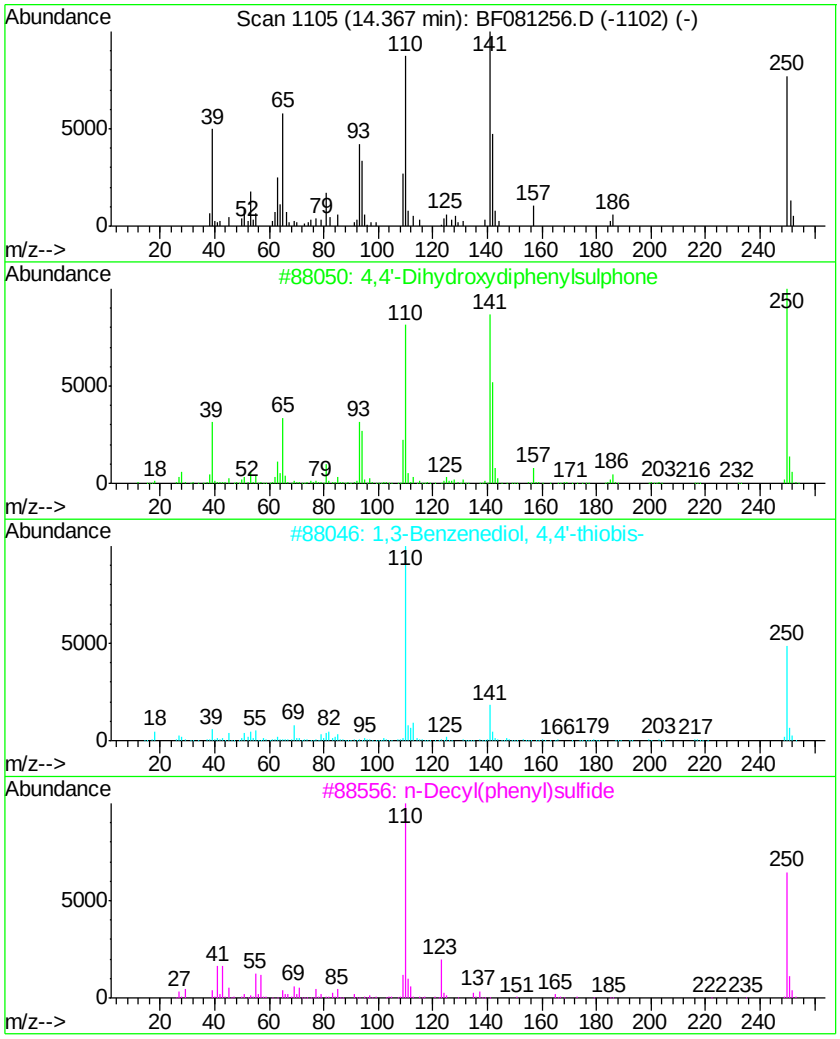
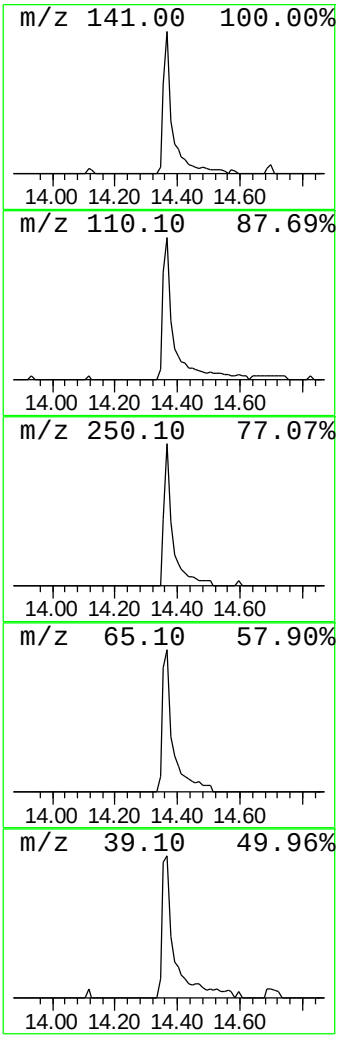
Peak Number 13 4,4'-Dihydroxydiphenylsulphone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	12.20 ng	179223	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dihydroxydiphenylsulphone	250	C12H10O4S	000080-09-1	99
2	1,3-Benzenediol, 4,4'-thiobis-	250	C12H10O4S	000097-29-0	43
3	n-Decyl(phenyl)sulfide	250	C16H26S	013910-18-4	30
4	Carbonic acid, thio-, O-methyl O...	168	C8H8O2S	001007-37-0	14
5	1-Acetylcyclopentadiene	108	C7H8O	060032-12-4	12





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Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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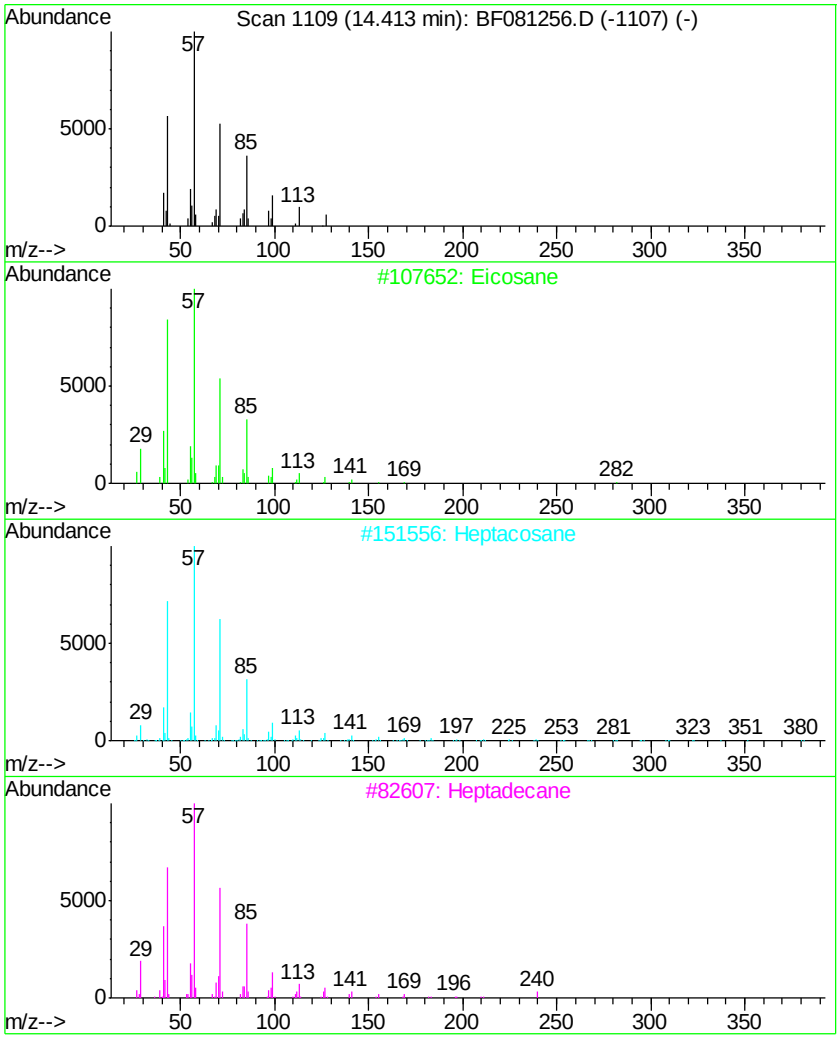
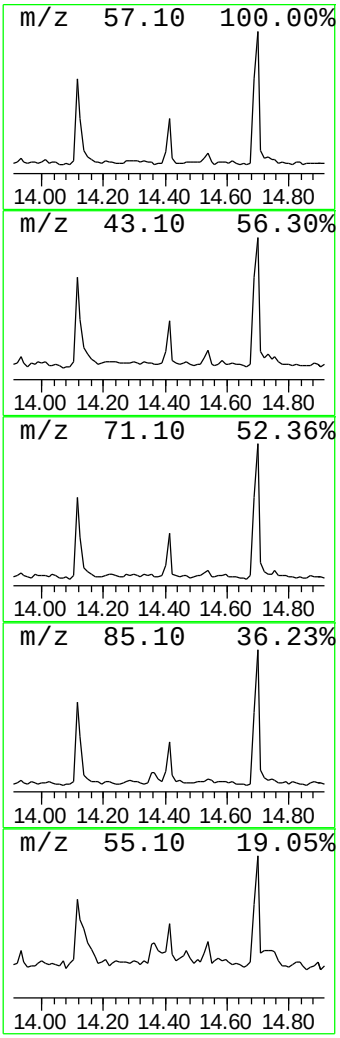
Peak Number 14 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	4.65 ng	68297	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Heptacosane	380	C27H56	000593-49-7	78
3	Heptadecane	240	C17H36	000629-78-7	78
4	Hexadecane	226	C16H34	000544-76-3	78
5	Octadecane, 6-methyl-	268	C19H40	010544-96-4	72





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VITALE FILL SOURCE 2B

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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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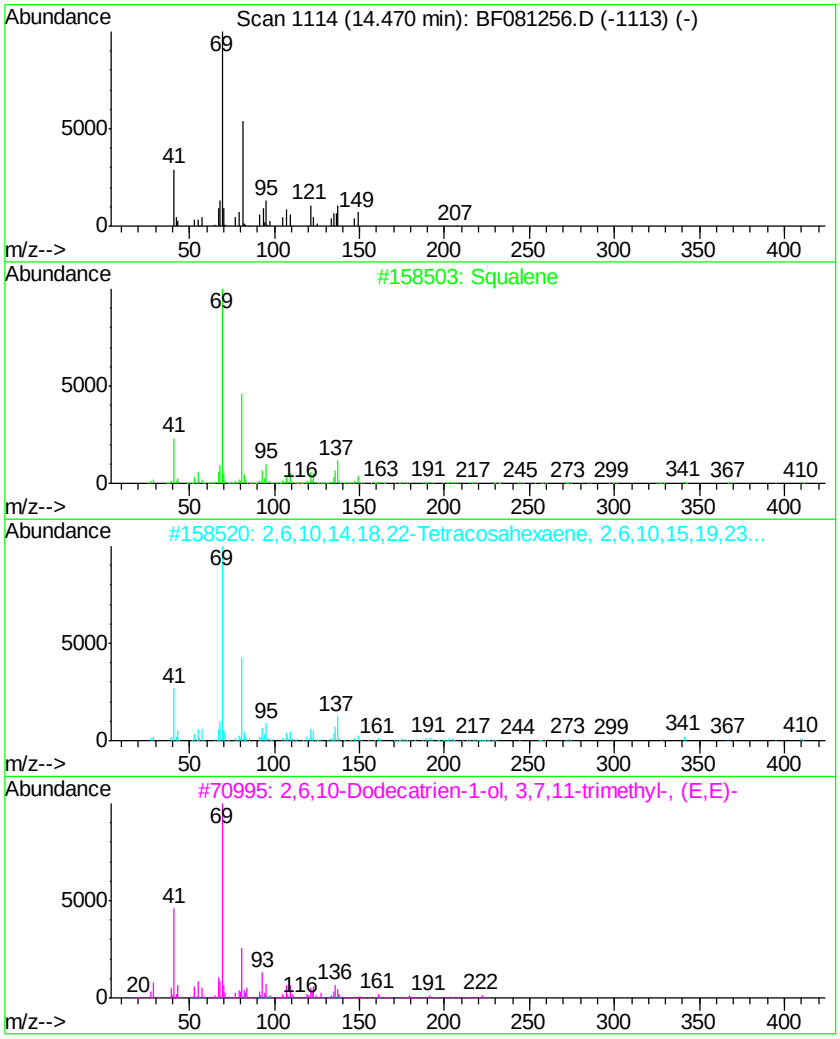
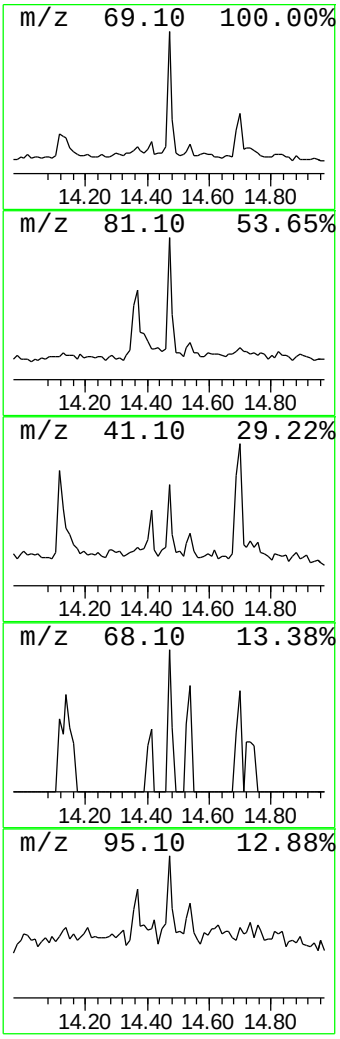
Peak Number 15 Squalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.13 ng	31231	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	72
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	64
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	59
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	45
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	45





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Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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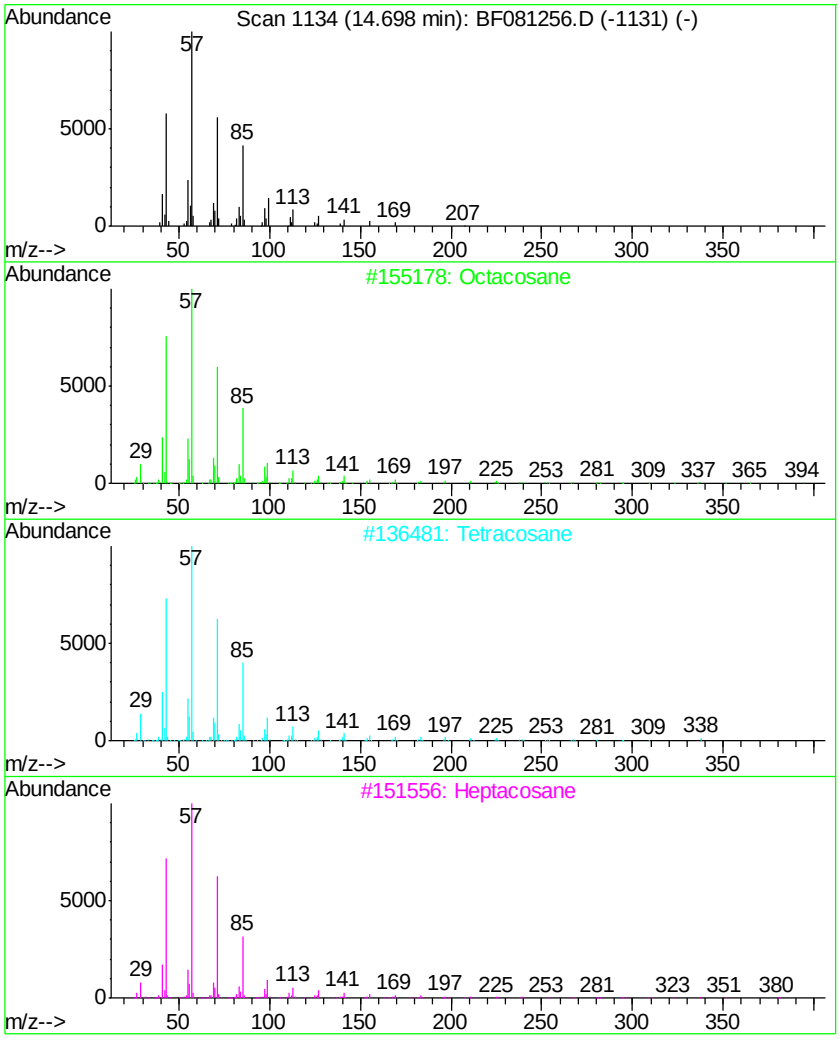
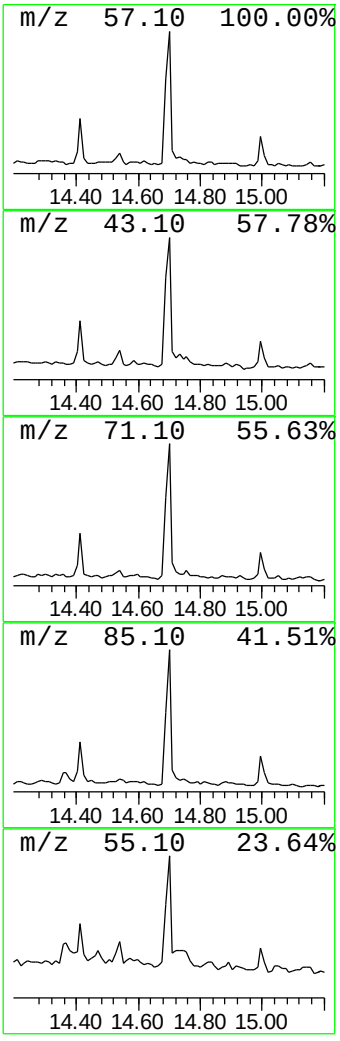
Peak Number 16 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	8.99 ng	132042	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetratriacontane	479	C34H70	014167-59-0	90





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Sample : G3441-02
Misc :
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ClientSampleId :
VITALE FILL SOURCE 2B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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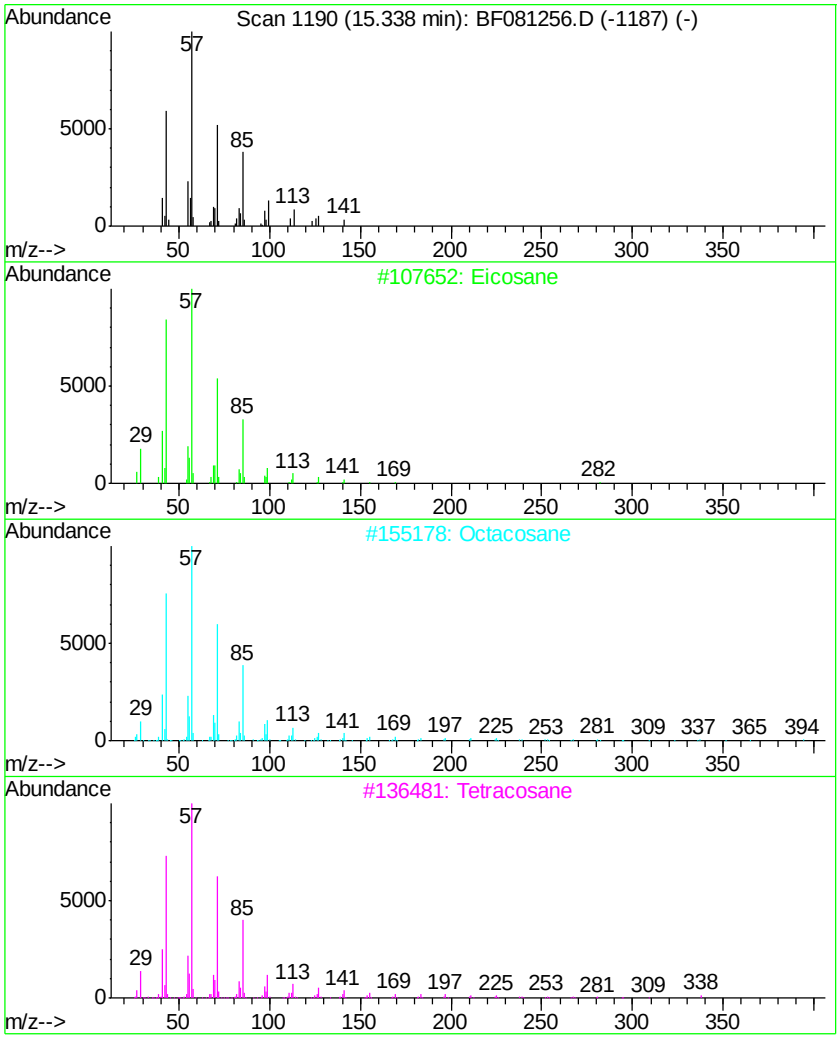
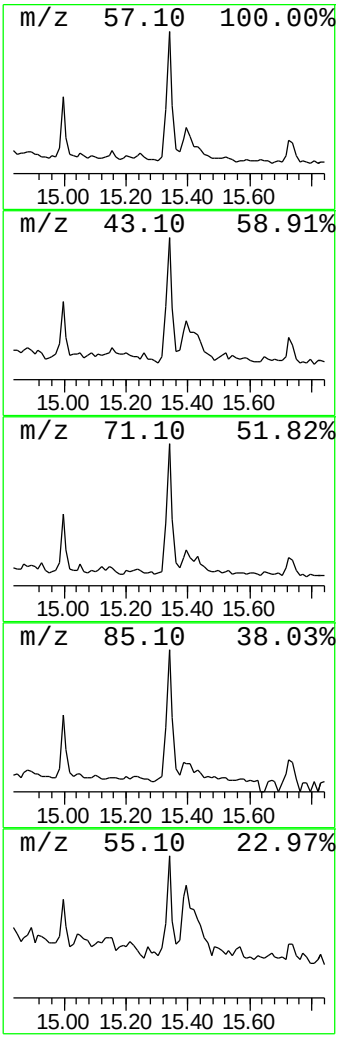
Peak Number 17 Tetratetracontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	4.19 ng	61525	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Tetratetracontane	619	C44H90	007098-22-8	80
5	Hexatriacontane	507	C36H74	000630-06-8	80





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Sample : G3441-02
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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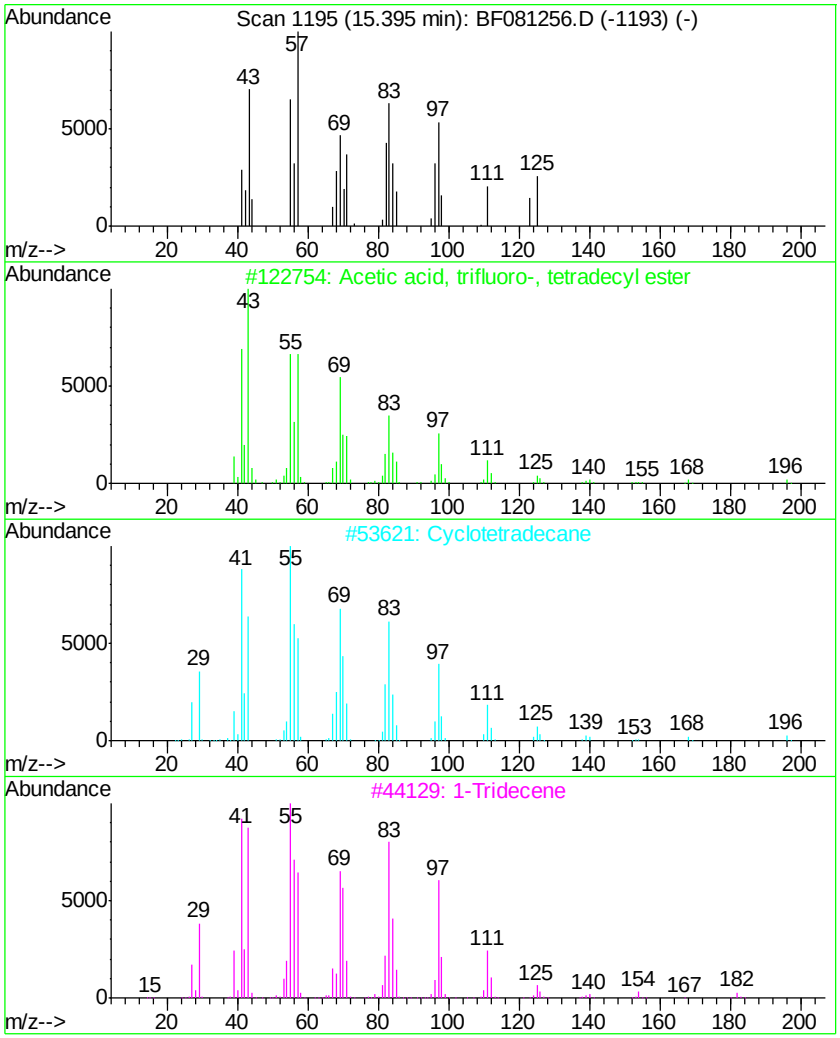
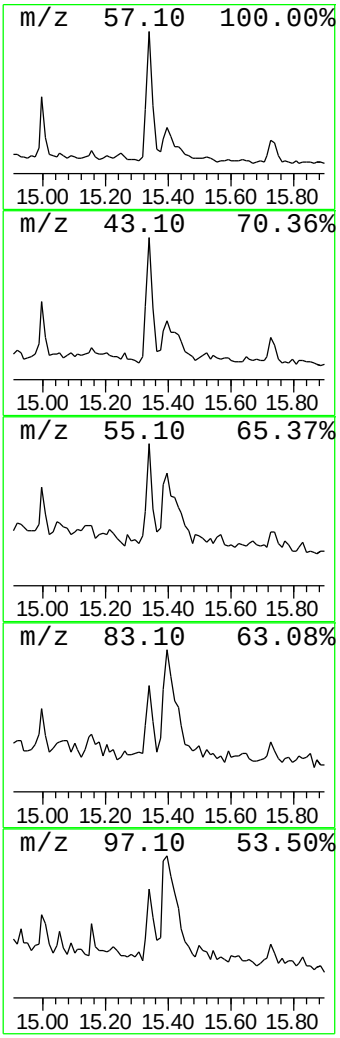
Peak Number 18 Acetic acid, trifluoro-, te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	4.23 ng	62087	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	53
2	Cyclotetradecane	196	C14H28	000295-17-0	53
3	1-Tridecene	182	C13H26	002437-56-1	50
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	40
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	40





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Sample : G3441-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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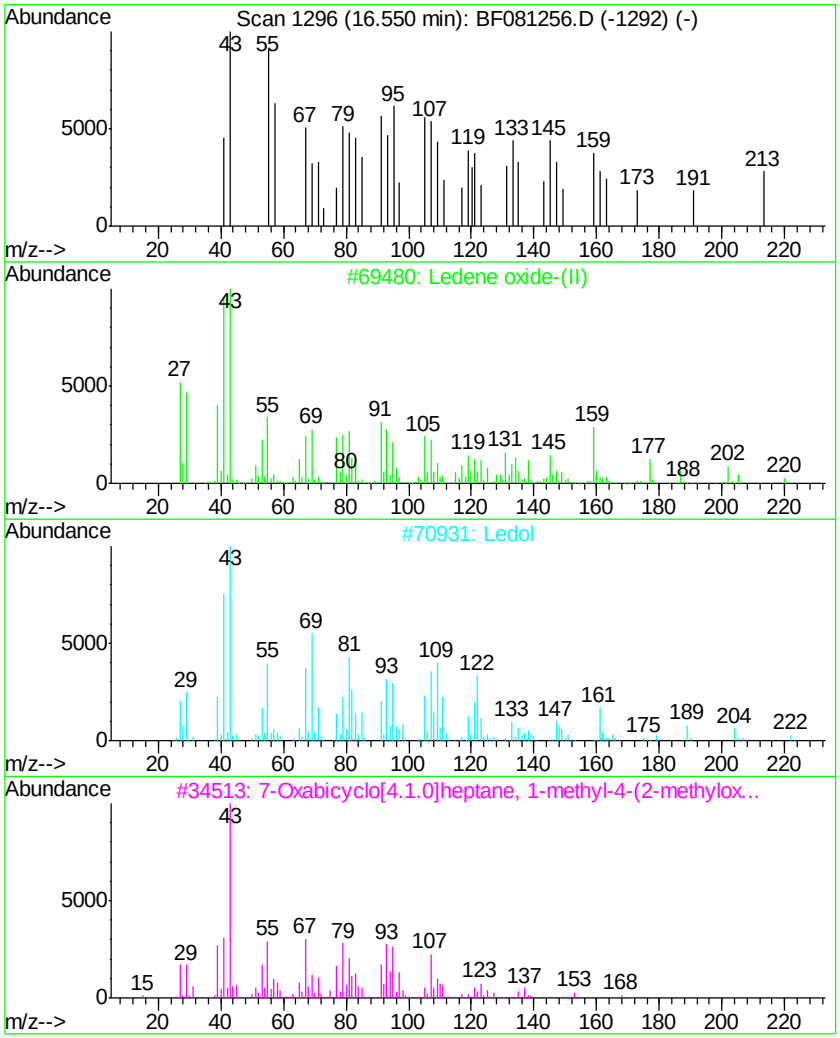
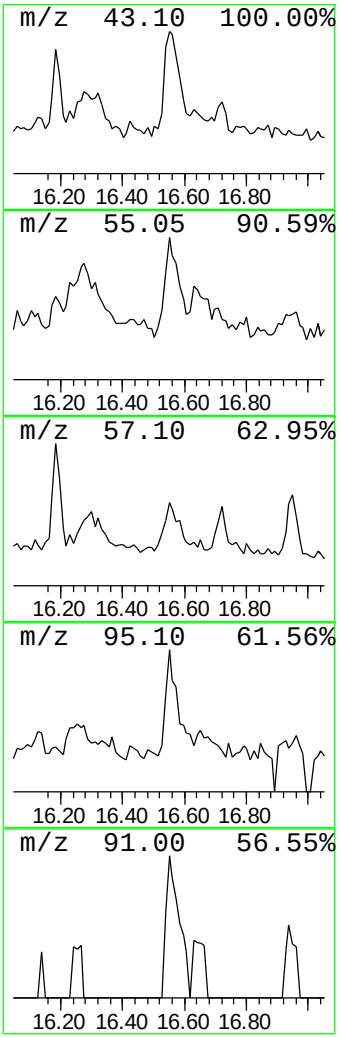
Peak Number 19 unknown16.55 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	5.46 ng	80191	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ledene oxide-(II)	220	C15H24O	1000159-36-7	16
2	Ledol	222	C15H26O	000577-27-5	16
3	7-Oxabicyclo[4.1.0]heptane, 1-me...	168	C10H16O2	000096-08-2	14
4	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	12
5	4,7-Methanobenzofuran, 2,2'-oxyb...	374	C24H38O3	087248-50-8	12





Tentatively Identified Compound (LSC) summary

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Data File : BF081256.D
Acq On : 28 Aug 2015 1:40
Operator : UM/IZ
Sample : G3441-02
Misc :
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Instrument : BNA_F
ClientSampleId : VITALE FILL SOURCE 2B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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-Pentene, 3,4-di...	3.81	2.4	ng	36166	1	6.50	304222	20.0
2-Pentanone, 4-hy...	4.61	84.2	ng	1280500	1	6.50	304222	20.0
2-Pentanone, 4-me...	5.50	2.3	ng	34360	1	6.50	304222	20.0
unknown6.27	6.27	108.9	ng	1656340	1	6.50	304222	20.0
n-Hexadecanoic acid	11.57	9.6	ng	212170	4	10.99	443159	20.0
Dodecanamide	12.42	9.4	ng	206984	5	13.61	440594	20.0
Hexadecanamide	13.16	9.5	ng	209766	5	13.61	440594	20.0
Eicosane	13.18	2.1	ng	47171	5	13.61	440594	20.0
17-Pentatriacontene	13.50	13.2	ng	290718	5	13.61	440594	20.0
Heptacosane	13.82	2.3	ng	51145	5	13.61	440594	20.0
Octacosane	14.12	5.0	ng	110706	5	13.61	440594	20.0
4,4'-Dihydroxydip...	14.37	12.2	ng	179223	6	14.94	293714	20.0
Heptadecane	14.41	4.7	ng	68297	6	14.94	293714	20.0
Squalene	14.47	2.1	ng	31231	6	14.94	293714	20.0
Tetracosane	14.70	9.0	ng	132042	6	14.94	293714	20.0
Tetratetracontane	15.34	4.2	ng	61525	6	14.94	293714	20.0
Acetic acid, trif...	15.40	4.2	ng	62087	6	14.94	293714	20.0
unknown16.55	16.55	5.5	ng	80191	6	14.94	293714	20.0