LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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	4.967	249	252	260	rBV	75558	130574	3.62%	0.362%
2	5.379	286	288	291	rBV	2311364	3158977	87.67%	8.768%
3	6.430	377	380	382	rBV	3297527	3603057	100.00%	10.000%
4	6.556	388	391	393	rBV	3608899	3371424	93.57%	9.358%
5	6.624	395	397	399	rVB	42372	44372	1.23%	0.123%
6	6.784	409	411	414	rBV	1019438	957296	26.57%	2.657%
7	6.944	422	425	427	rBV	2946857	2615237	72.58%	7.259%
8	7.356	458	461	463	rBV	2221210	2307585	64.05%	6.405%
9	7.459	467	470	476	rVB	76252	137481	3.82%	0.382%
10	8.076	521	524	526	rBV	1313411	1256776	34.88%	3.488%
11	9.150	616	618	621	rBV	3160370	3214125	89.21%	8.921%
12	9.550	651	653	655	rBV	540256	516502	14.34%	1.434%
13	9.768	670	672	674	rVB	93359	75111	2.08%	0.208%
14	9.825	675	677	679	rBV	1260807	1193329	33.12%	3.312%
15	10.270	711	716	717	rBV3	102243	174454	4.84%	0.484%
16	10.476	731	734	738	rBV2	91893	191610	5.32%	0.532%
17	10.613	743	746	749	rBV	1685231	1664880	46.21%	4.621%
18	10.671	749	751	755	rVV	255838	388657	10.79%	1.079%
19	10.739	755	757	763	rVB	175857	245959	6.83%	0.683%
20	11.185	794	796	797	rBV	99854	78262	2.17%	0.217%
21	11.219	797	799	802	rVB	28307	42752	1.19%	0.119%
22	11.311	805	807	811	rBV2	802951	1134475	31.49%	3.149%
23	11.379	811	813	816	rVB2	53982	76605	2.13%	0.213%
24	11.539	825	827	832	rBV	258376	283129	7.86%	0.786%
25	11.608	832	833	837	rVB	56646	60870	1.69%	0.169%
26	11.916	858	860	865	rVB	42317	65299	1.81%	0.181%
27	12.099	874	876	880	rBV3	18662	42240	1.17%	0.117%
28	12.511	910	912	915	rBV	307423	342290	9.50%	0.950%
29	12.739	929	932	934	rBV	299149	374583	10.40%	1.040%
30	12.888	943	945	948	rBV	1734417	2091256	58.04%	5.804%
31	13.071	958	961	963	rBV	29660	43031	1.19%	0.119%
32	13.368	985	987	990	rVB	83366	80005	2.22%	0.222%
33	13.471	994	996	1000	rBV2	33097	51772	1.44%	0.144%
34	13.585	1004	1006	1009	rVV2	21702	44663	1.24%	0.124%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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	13.791	1022	1024	1028	rBV2	136707	189016	5.25%	0.525%
36	13.939	1034	1037	1042	rBV2	806456	1210694	33.60%	3.360%
37	14.042	1044	1046	1049	rVV	45254	59108	1.64%	0.164%
38	14.111	1051	1052	1056	rVV4	33634	61495	1.71%	0.171%
39	14.419	1077	1079	1085	rBV3	55188	124538	3.46%	0.346%
40	14.785	1109	1111	1113	rBV2	47039	59515	1.65%	0.165%
41	14.888	1118	1120	1122	rVV	57161	69222	1.92%	0.192%
42	14.945	1123	1125	1130	rVB	130349	270512	7.51%	0.751%
43	15.025	1130	1132	1136	rBV2	55607	121733	3.38%	0.338%
44	15.220	1147	1149	1152	rBV	58043	85149	2.36%	0.236%
45	15.277	1152	1154	1157	rVV	72422	113525	3.15%	0.315%
46	15.345	1157	1160	1165	rVB	450102	760742	21.11%	2.111%
47	15.780	1196	1198	1201	rBV	105368	177512	4.93%	0.493%
48	16.740	1278	1282	1289	rVB	993304	1975655	54.83%	5.484%
49	17.403	1337	1340	1349	rVB3	62121	245348	6.81%	0.681%
50	18.020	1390	1394	1401	rVB	163976	446680	12.40%	1.240%

Sum of corrected areas: 36029082

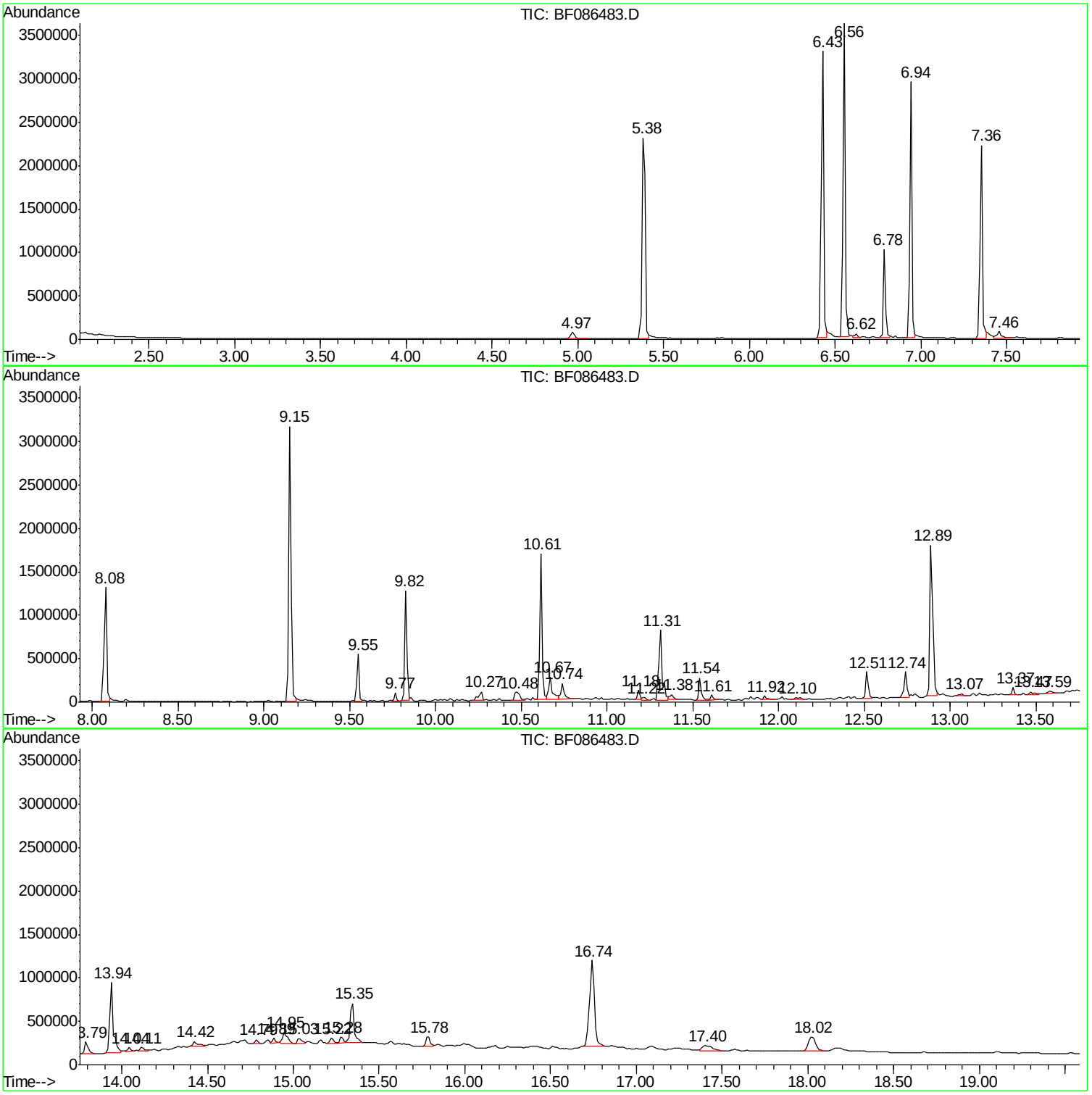
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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\BF042816\
Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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

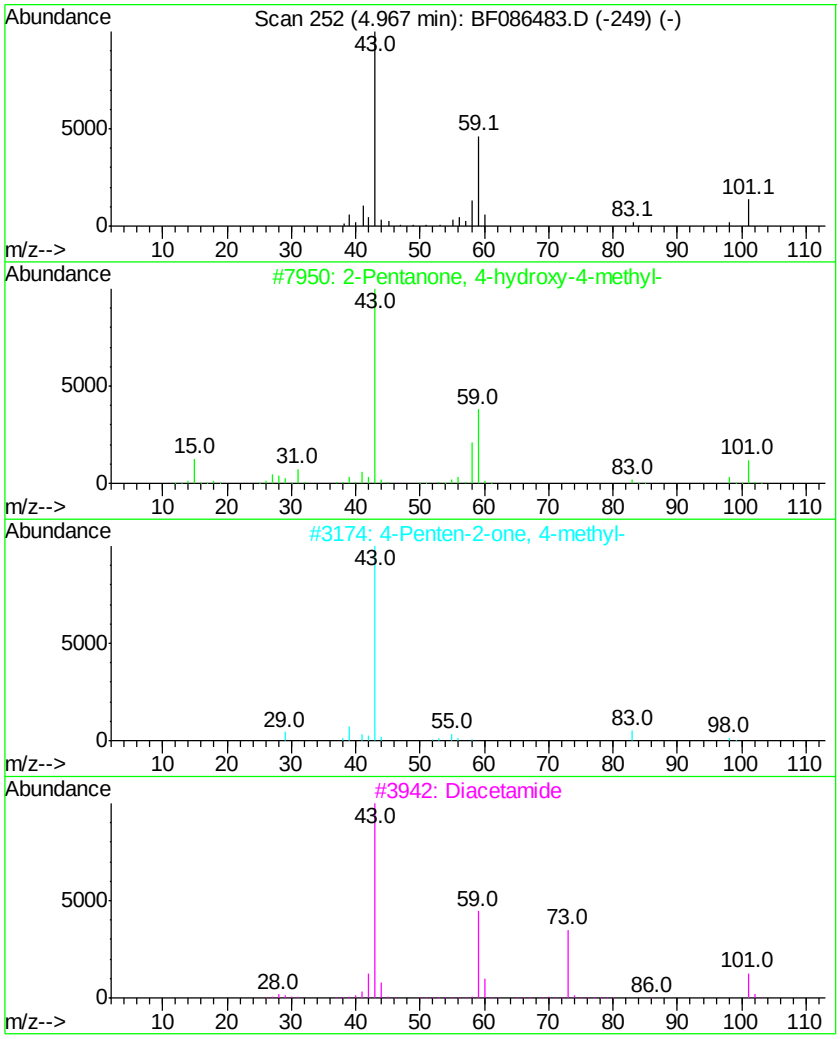
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

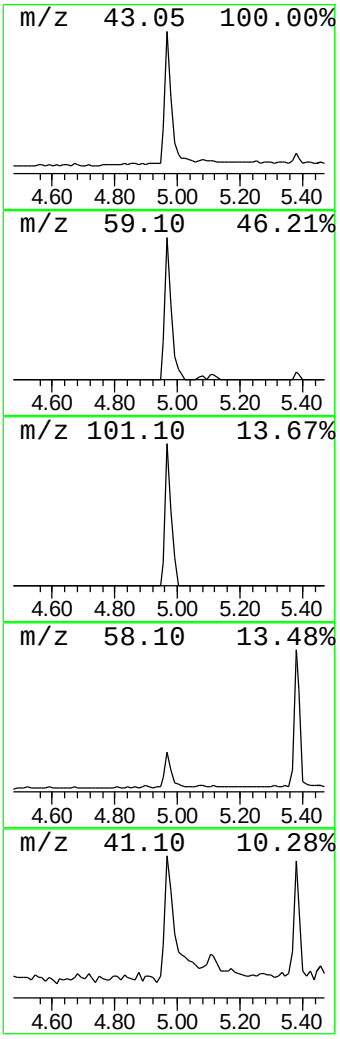
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	2.73 ng	130574	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	1,3,4-Oxadiazole, 2-(acetyloxy)-...	172	C7H12N2O3	066398-57-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-6(0-6FTBGS)

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

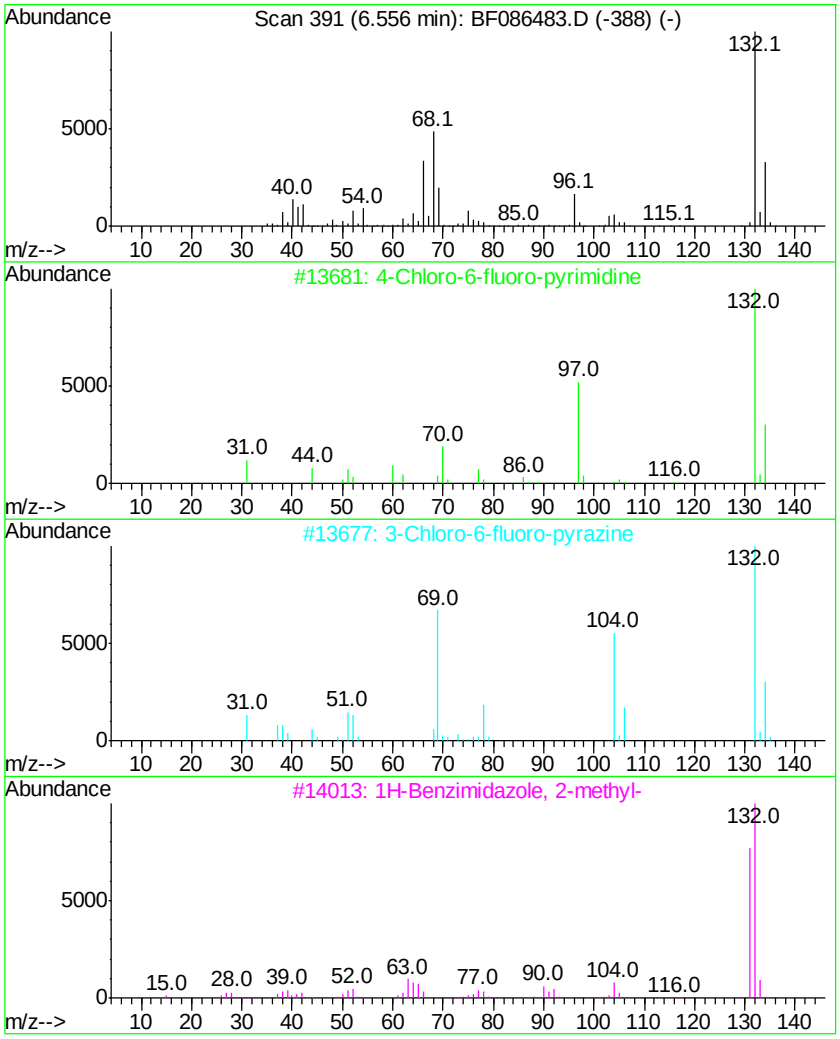
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

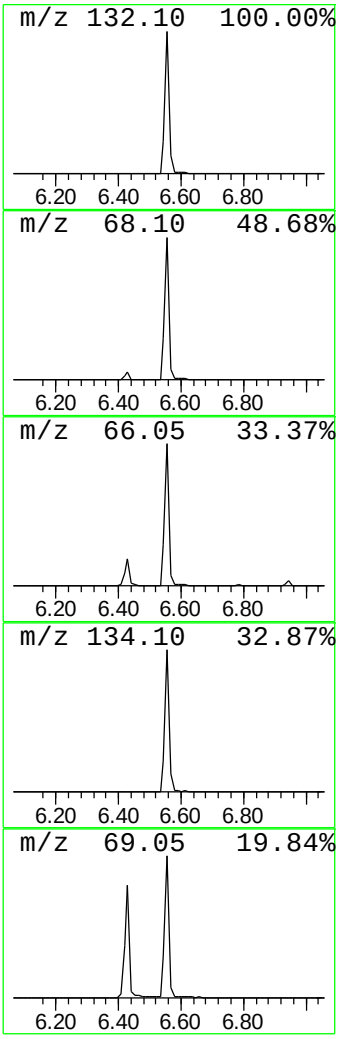
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	70.44 ng	3371420	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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

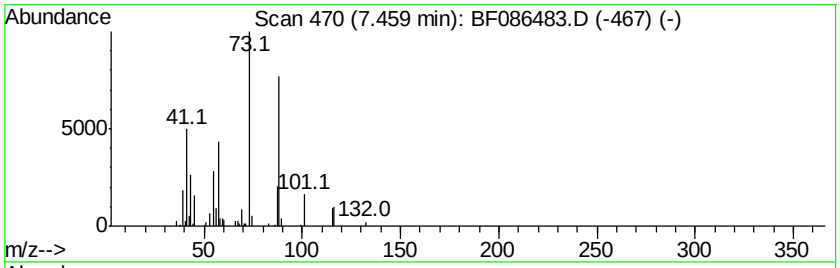
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

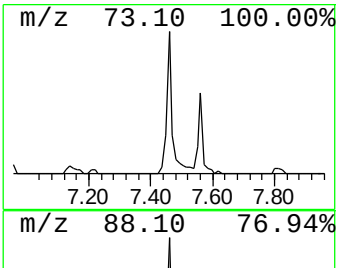
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	2.19 ng	137481	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2	1,4-Dioxane	88	C4H8O2	000123-91-1	47
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	40
5	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	36





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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

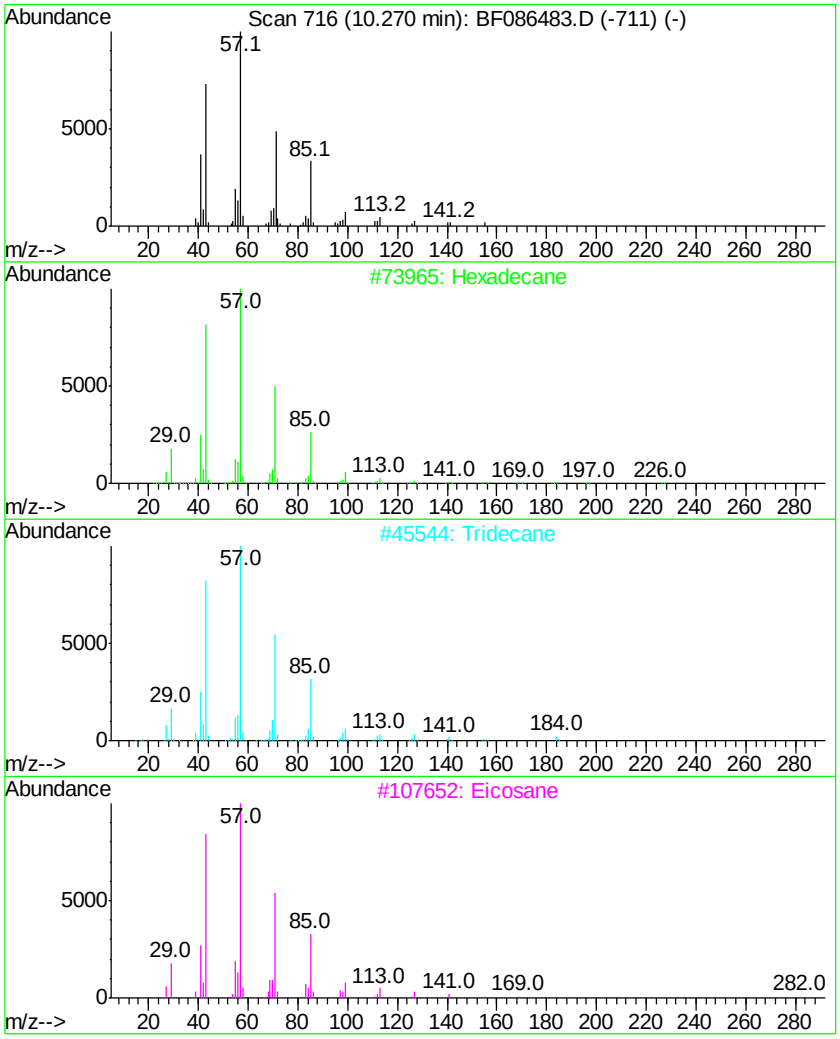
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

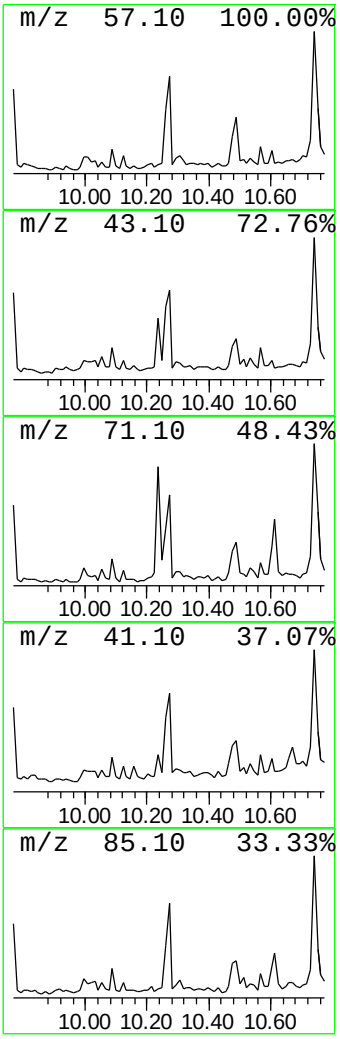
****

Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	2.92 ng	174454	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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

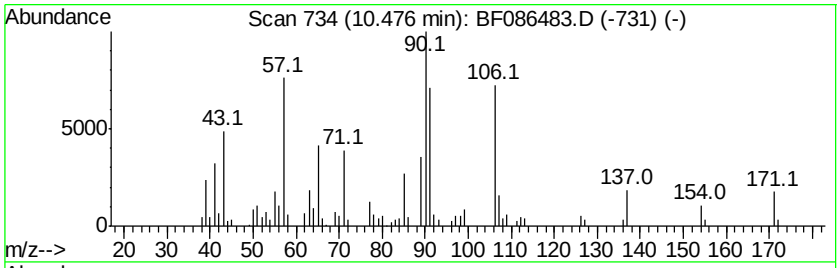
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

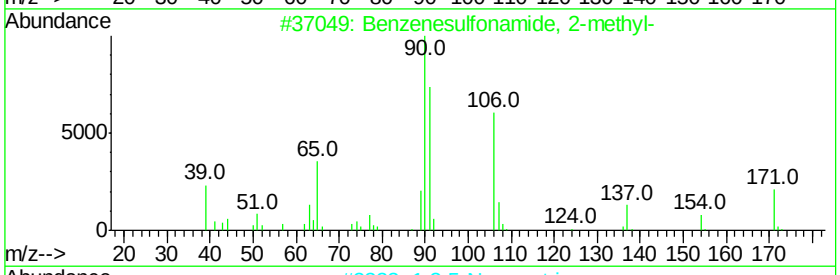
****

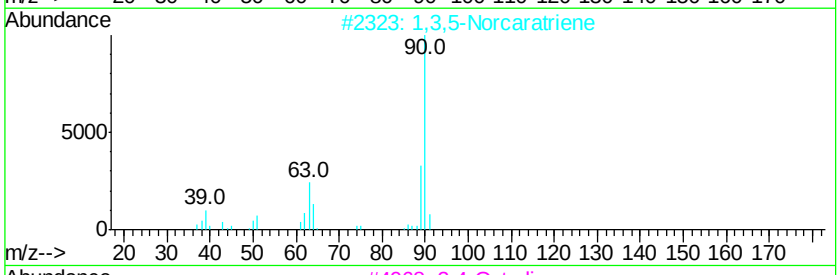
Peak Number 6 Benzenesulfonamide, 2-methyl- Concentration Rank 10

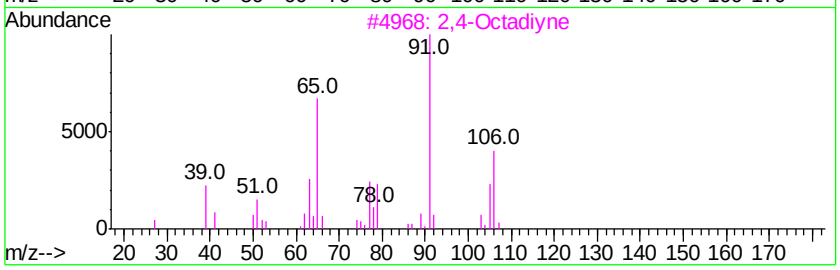
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	3.21 ng	191610	Acenaphthene-d10	9.82

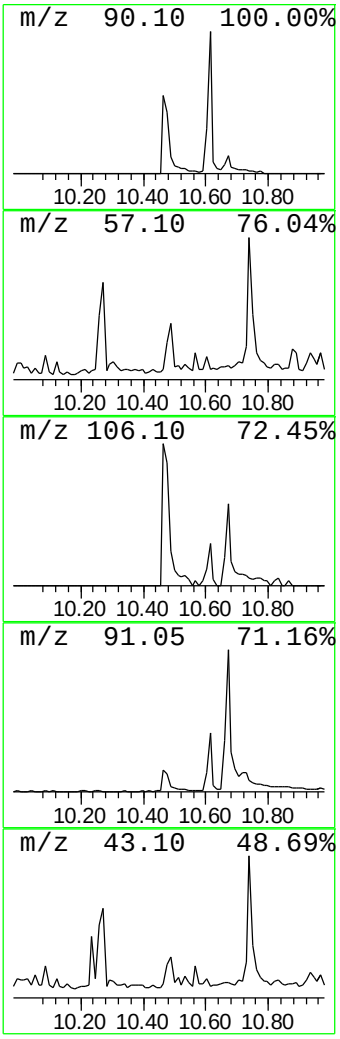
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	94
2	1,3,5-Norcaratriene	90	C7H6	004646-69-9	43
3	2,4-Octadiyne	106	C8H10	002809-71-4	18
4	3,5-Octadiyne	106	C8H10	016387-70-5	14
5	Benzene, 1-methyl-4-nitro-	137	C7H7NO2	000099-99-0	11











Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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

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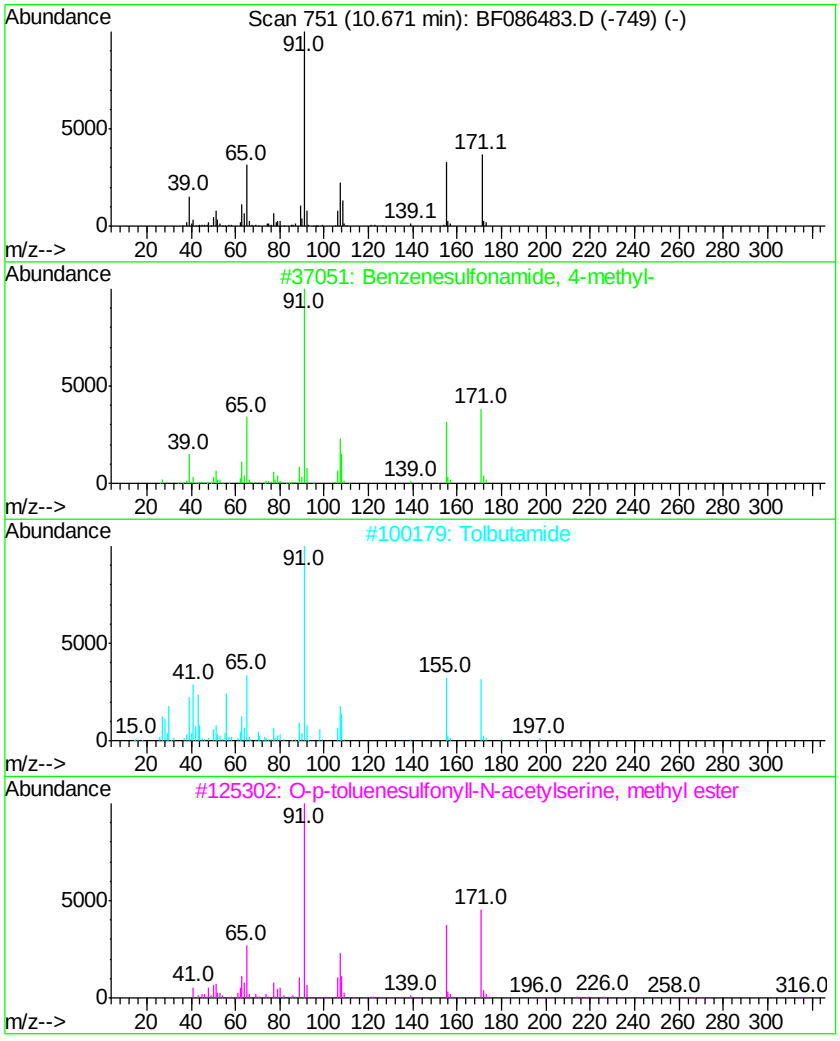
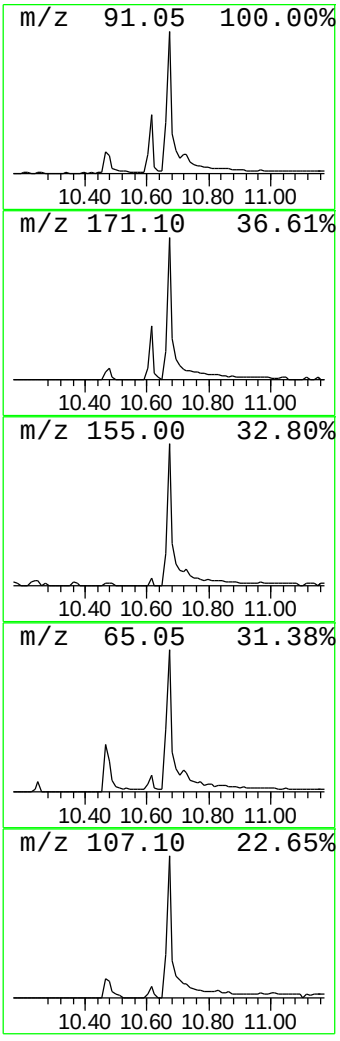
Peak Number 7 Benzenesulfonamide, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	6.85 ng	388657	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	96
2	Tolbutamide	270	C12H18N2O3S	000064-77-7	91
3	O-p-toluenesulfonyll-N-acetylser...	315	C13H17NO6S	1000126-44-8	90
4	N-p-toluenesulfonyl-l-threonine,...	363	C18H21NO5S	1000130-34-4	87
5	Thiosulfuric acid, S-[2-[3-(4-me...	381	C12H19N3O5S3	1000255-60-3	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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

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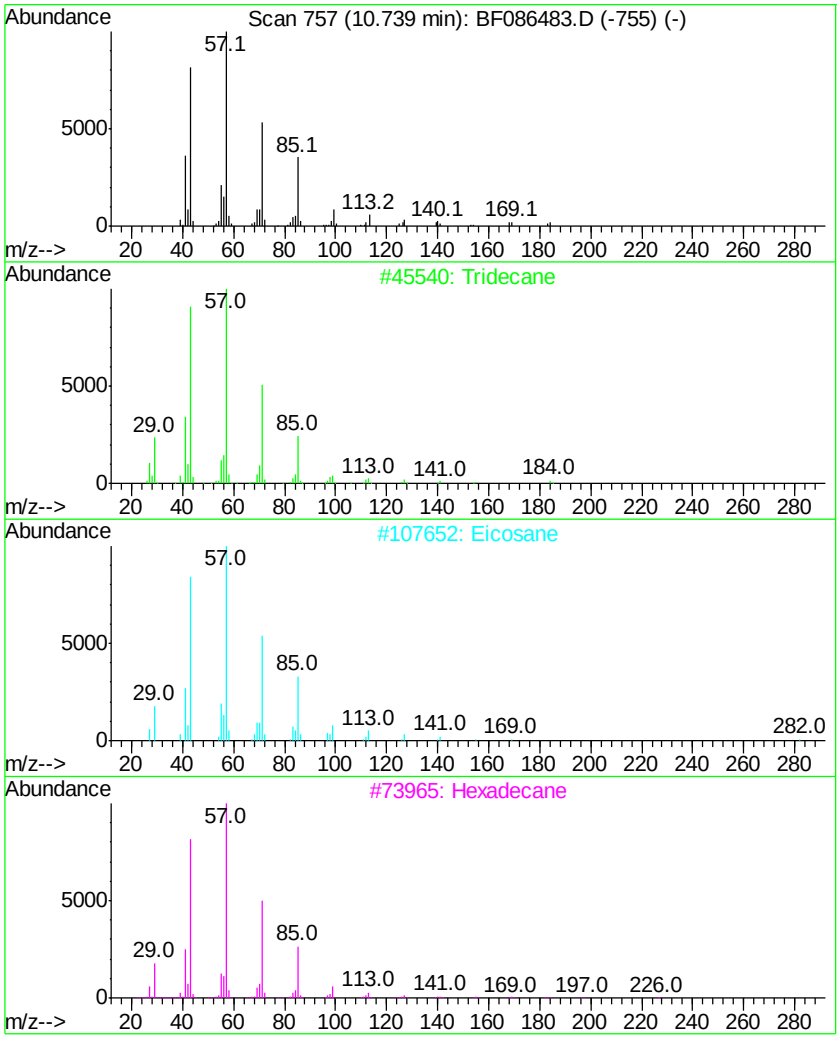
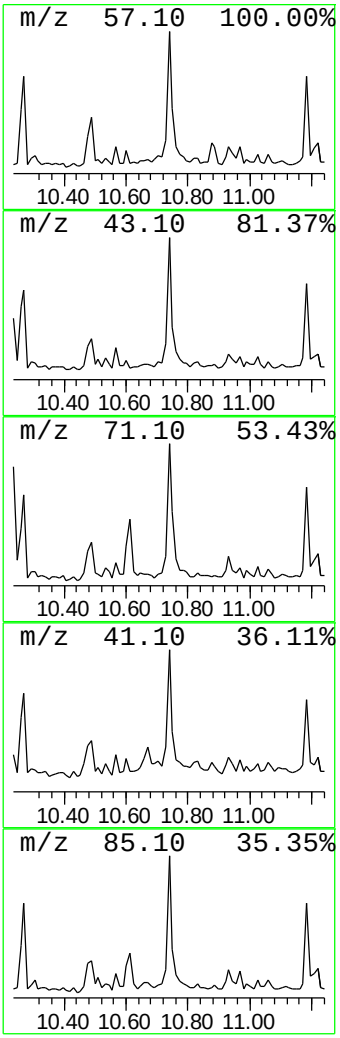
Peak Number 8 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	4.34 ng	245959	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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

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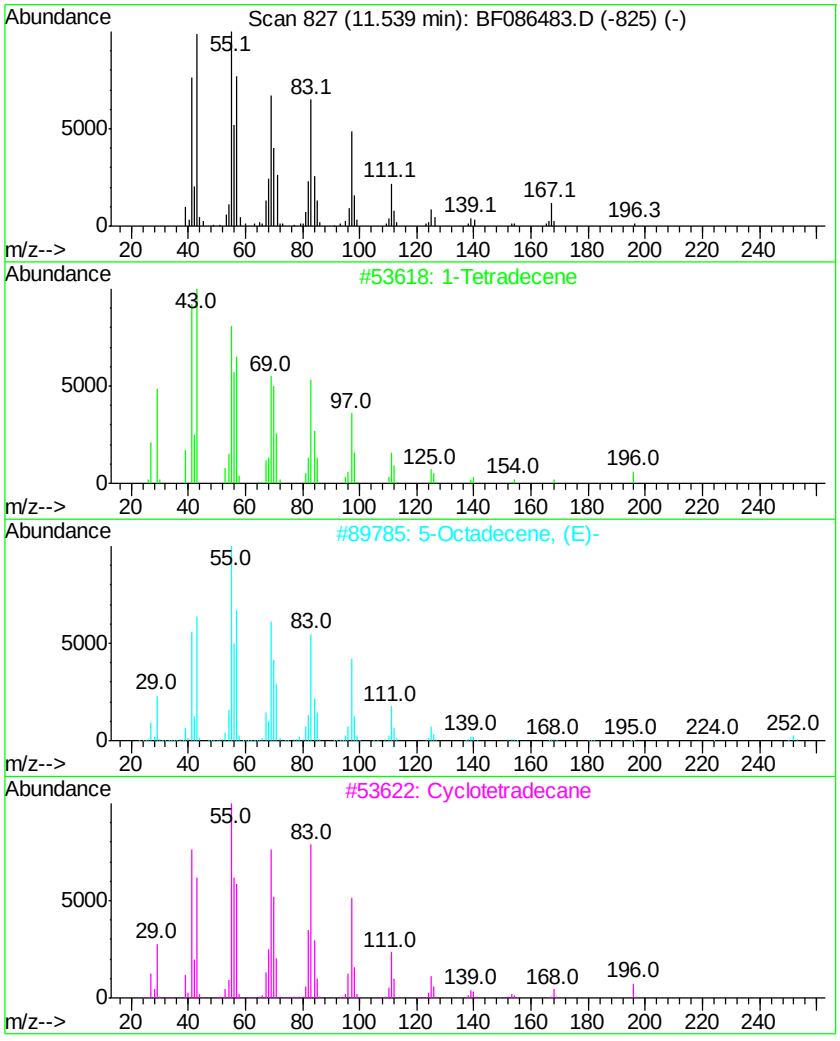
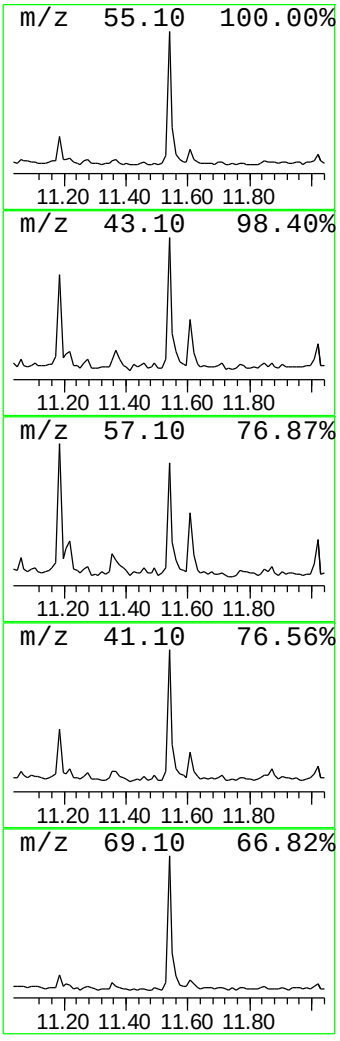
Peak Number 9 1-Tetradecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	4.99 ng	283129	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	94
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3	Cyclotetradecane	196	C14H28	000295-17-0	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	1-Hexadecene	224	C16H32	000629-73-2	91





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Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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

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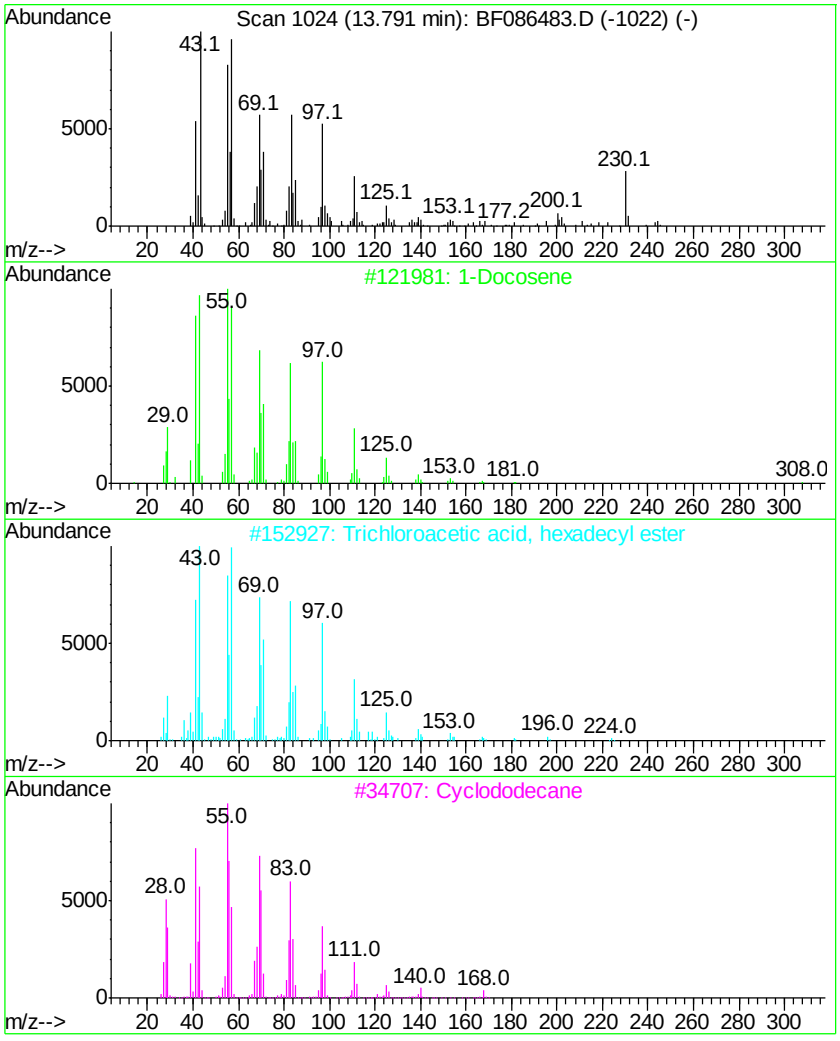
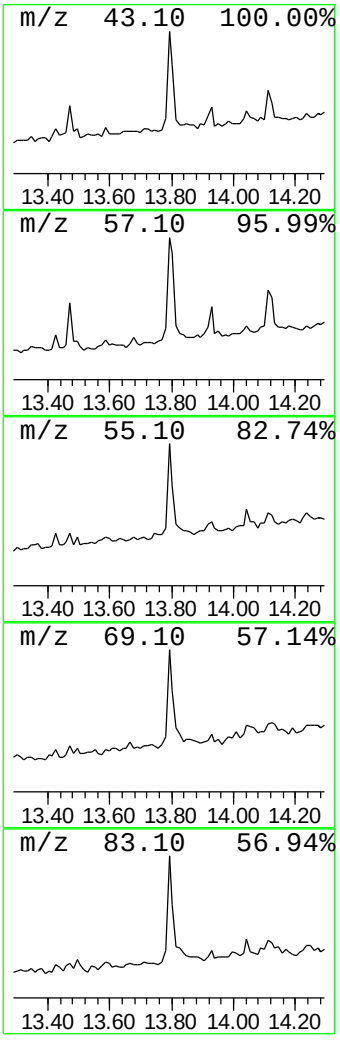
Peak Number 10 1-Docosene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.12 ng	189016	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Cyclododecane	168	C12H24	000294-62-2	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
5	17-Pentatriacontene	491	C35H70	006971-40-0	83





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Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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

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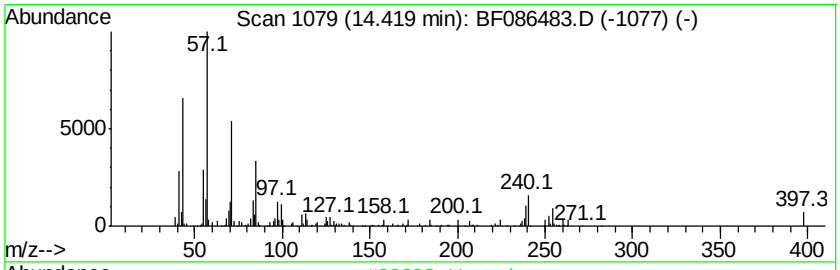
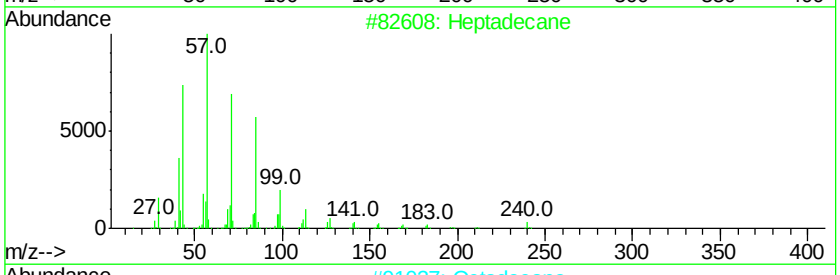
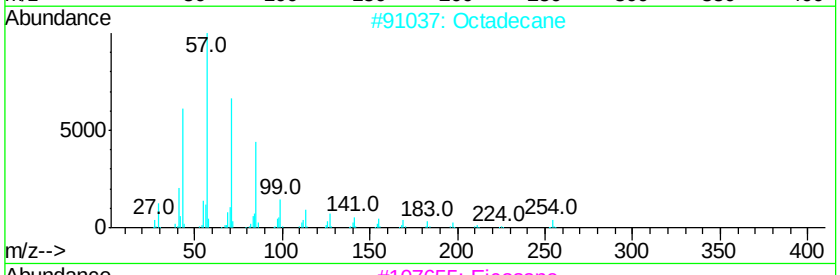
Peak Number 11 Heptadecane Concentration Rank 17

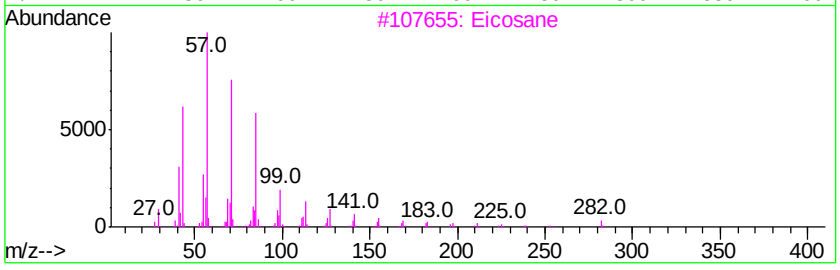
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.06 ng	124538	Chrysene-d12	13.94

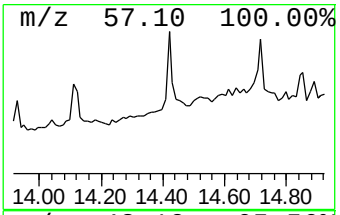
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Octadecane	254	C18H38	000593-45-3	64
3	Eicosane	282	C20H42	000112-95-8	60
4	Tridecane	184	C13H28	000629-50-5	55
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	53

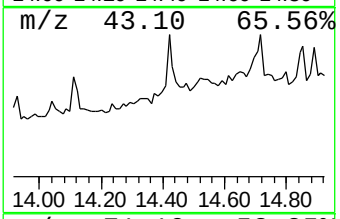


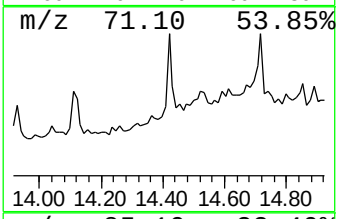


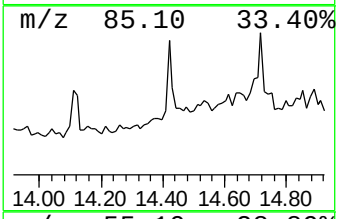


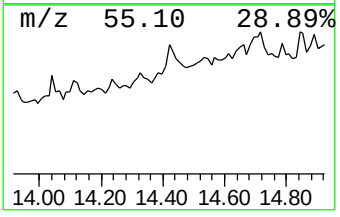












Library Search Compound Report

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Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-6(0-6FTBGS)

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

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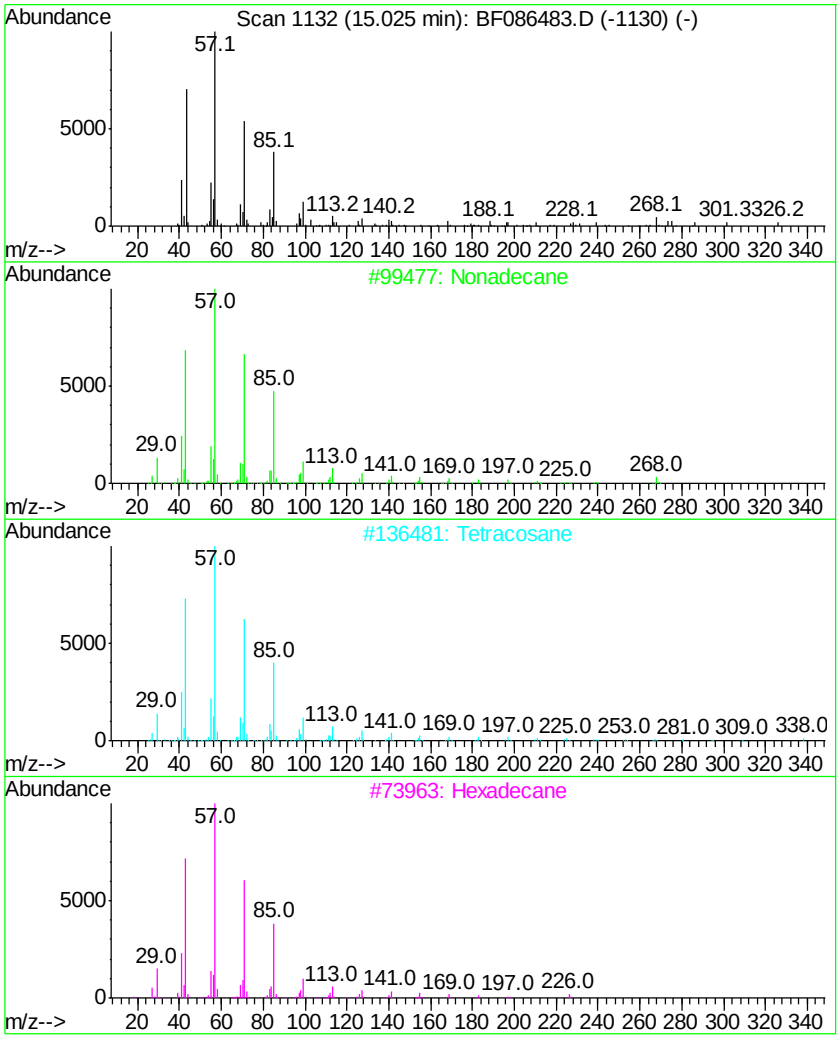
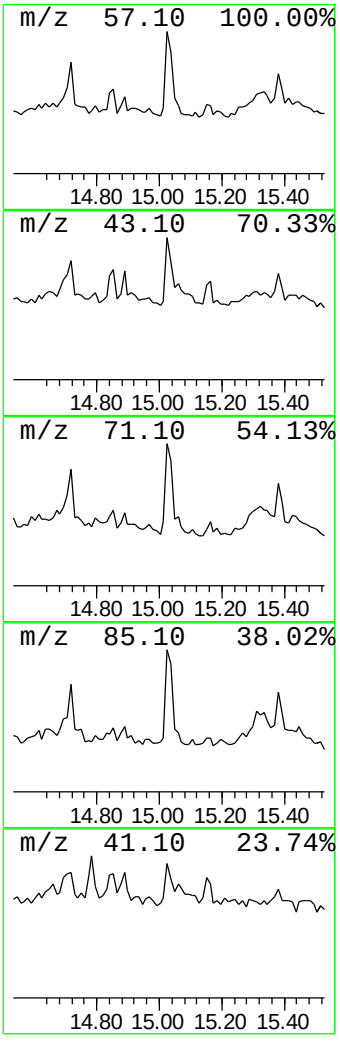
Peak Number 12 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	3.20 ng	121733	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Tetracosane	338	C24H50	000646-31-1	74
3	Hexadecane	226	C16H34	000544-76-3	72
4	Octacosane	394	C28H58	000630-02-4	72
5	Eicosane	282	C20H42	000112-95-8	72





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Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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

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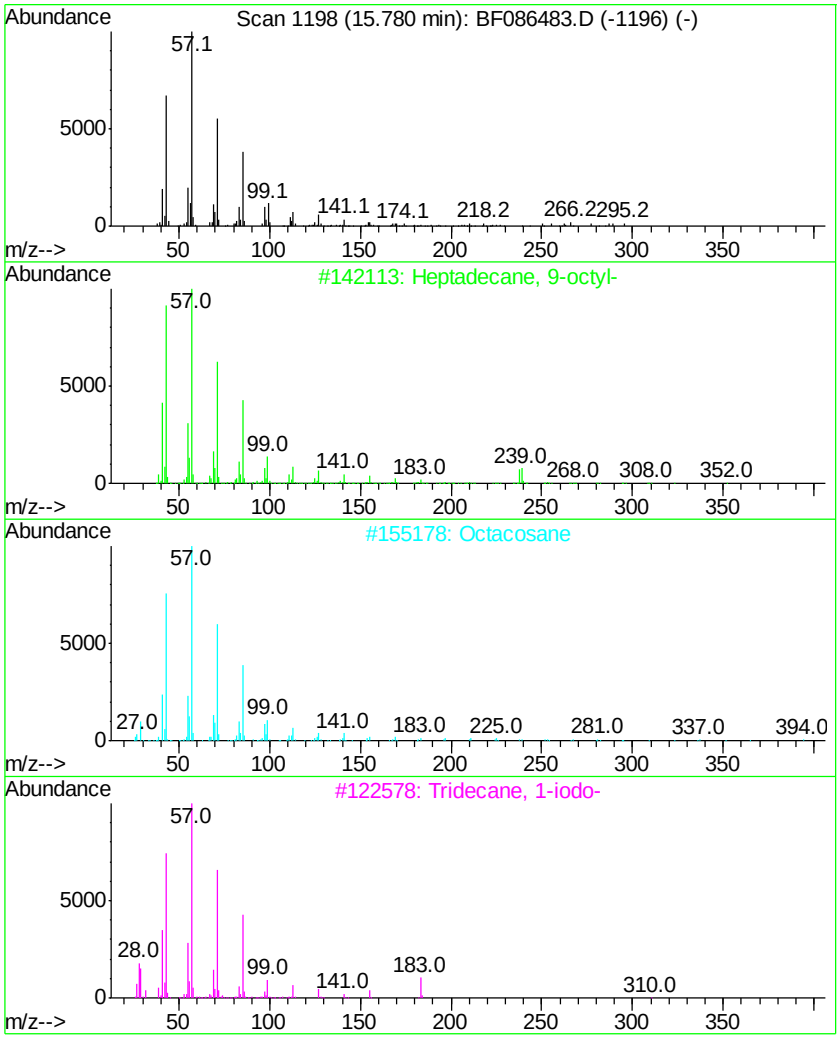
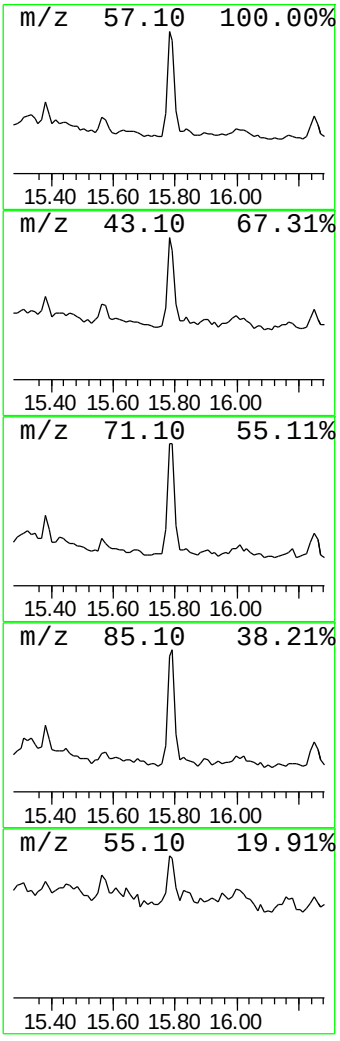
Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	4.67 ng	177512	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2	Octacosane	394	C28H58	000630-02-4	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Pentadecane	212	C15H32	000629-62-9	72
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72





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Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
26WARD-2A-CS-6(0-6FTBGS)

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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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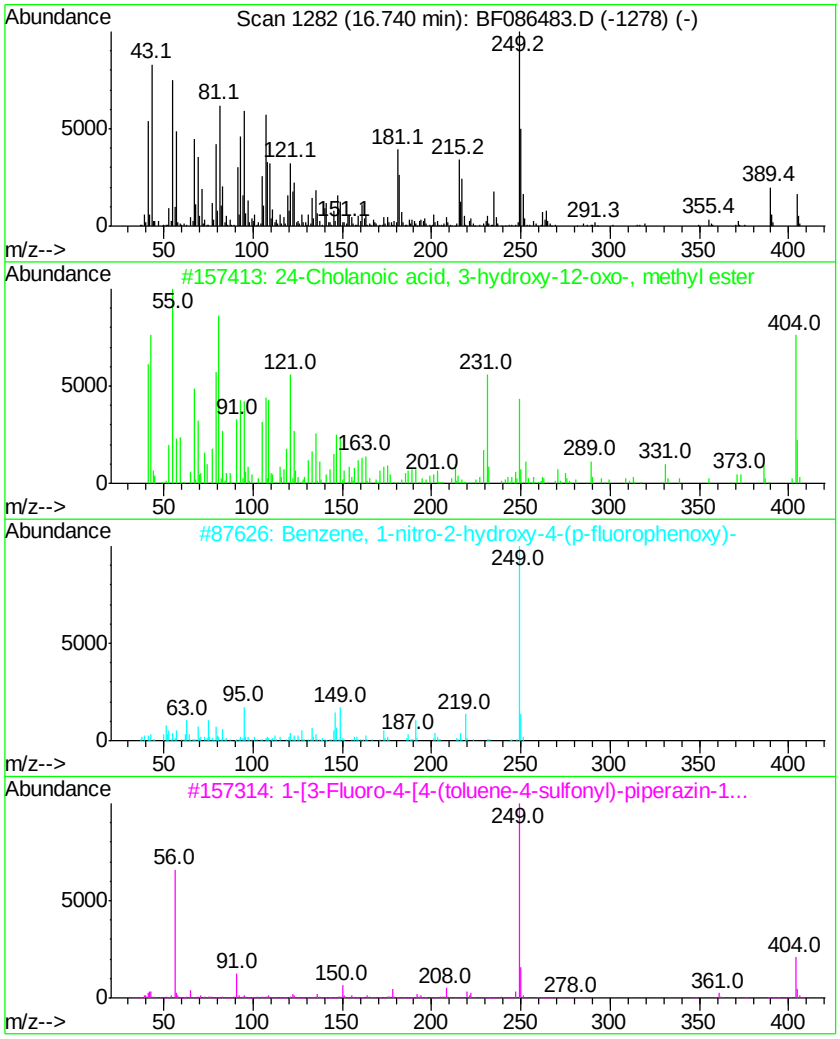
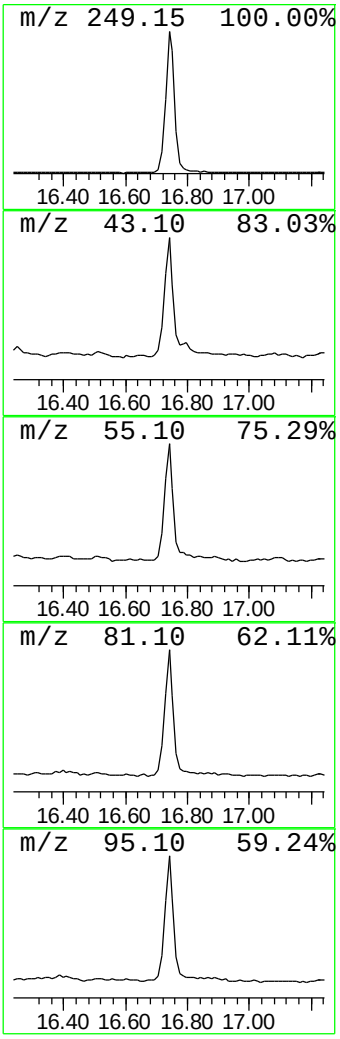
Peak Number 15 unknown16.74 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	51.94 ng	1975660	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	24-Cholanoic acid, 3-hydroxy-12-...	404	C25H40O4	028050-47-7	44
2	Benzene, 1-nitro-2-hydroxy-4-(p-...	249	C12H8FNO4	189214-56-0	35
3	1-[3-Fluoro-4-[4-(toluene-4-sulf...	404	C21H25FN2O3S	333751-65-8	25
4	2-Methylphenanthro[3,4-d][1,3]ox...	249	C16H11NO2	098033-24-0	25
5	Bicyclo[10.4.0]hexadecane, 14,15...	278	C20H38	1000155-81-5	17





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Sample : H2654-12
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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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

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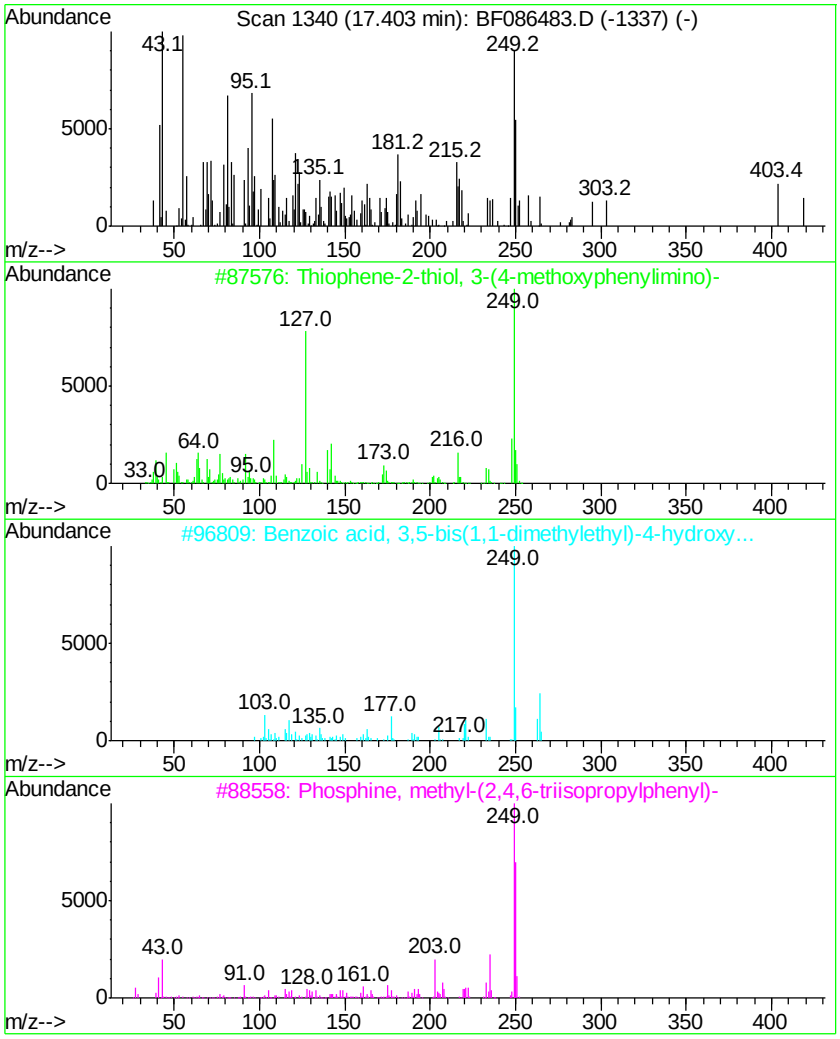
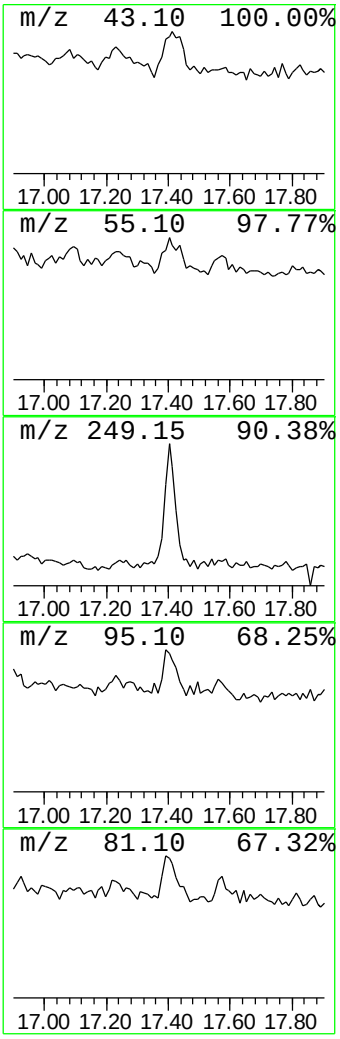
Peak Number 16 unknown17.40 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	6.45 ng	245348	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene-2-thiol, 3-(4-methoxyp...	249	C12H11NOS2	1000262-77-2	38
2	Benzoic acid, 3,5-bis(1,1-dimeth...	264	C16H24O3	002511-22-0	27
3	Phosphine, methyl-(2,4,6-triisop...	250	C16H27P	158748-69-7	27
4	Troger's base	250	C17H18N2	072151-03-2	27
5	Benzene, 1-nitro-2-hydroxy-4-(p-...	249	C12H8FNO4	189214-56-0	22





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Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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

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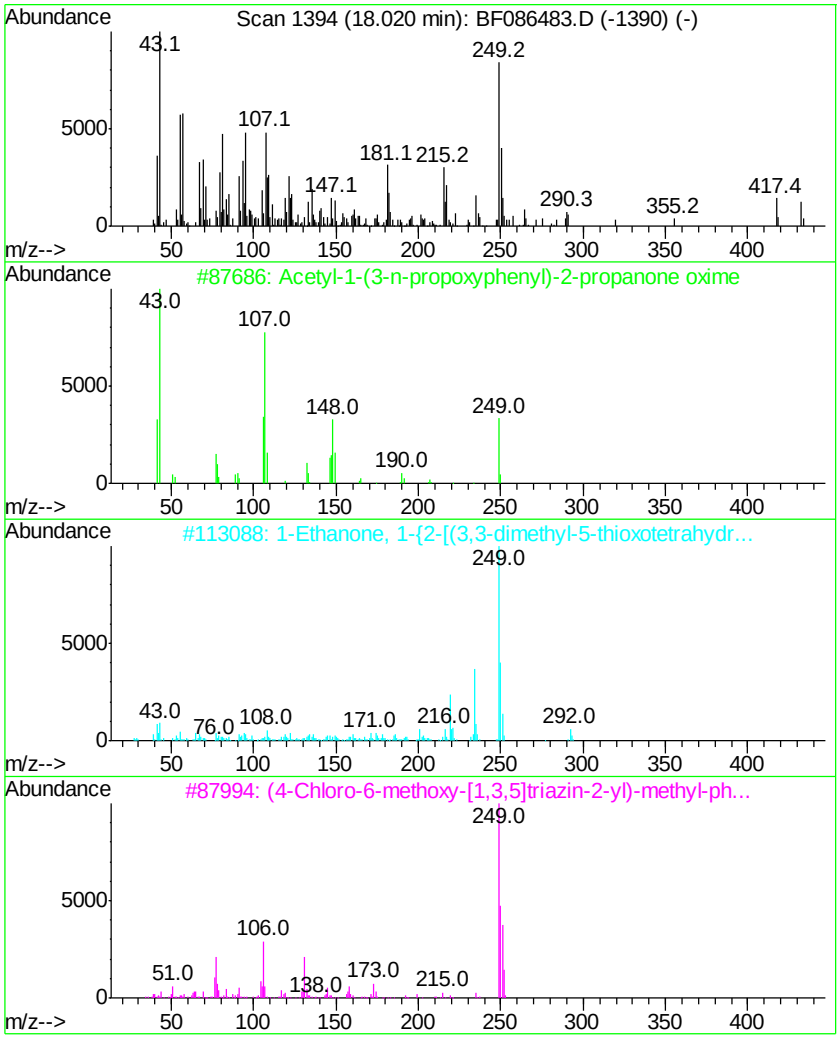
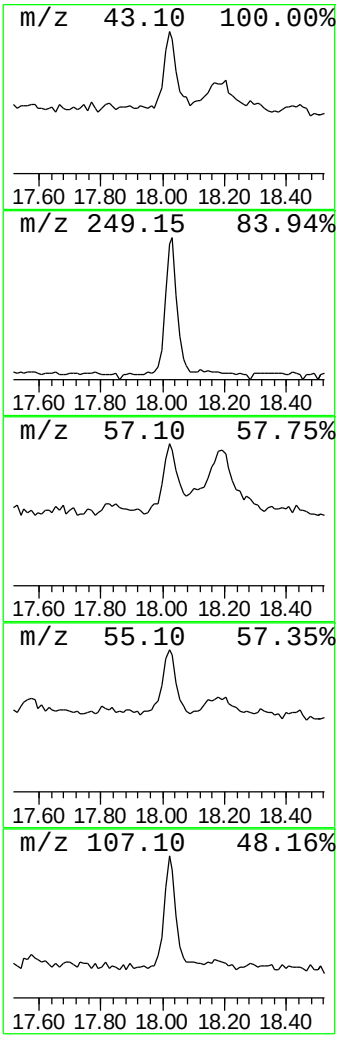
Peak Number 17 unknown18.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	11.74 ng	446680	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetyl-1-(3-n-propoxyphenyl)-2-p...	249	C14H19NO3	1000122-90-2	38
2	1-Ethanone, 1-{2-[(3,3-dimethyl-...	292	C16H24N2OS	077109-20-7	37
3	(4-Chloro-6-methoxy-[1,3,5]triaz...	250	C11H11ClN4O	059881-58-2	32
4	Isothiocyanic acid, s-phenenyl e...	249	C9H3N3S3	101670-67-1	27
5	4H-1-Benzopyran-2-carboxylic aci...	249	C12H11NO5	030192-11-1	27





Tentatively Identified Compound (LSC) summary

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Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-6(0-6FTBGS)

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...	4.97	2.7	ng	130574	1	6.78	957296	20.0
unknown6.56	6.56	70.4	ng	3371420	1	6.78	957296	20.0
Hexanoic acid, 2-...	7.46	2.2	ng	137481	2	8.08	1256780	20.0
Hexadecane	10.27	2.9	ng	174454	3	9.82	1193330	20.0
Benzenesulfonamid...	10.48	3.2	ng	191610	3	9.82	1193330	20.0
Benzenesulfonamid...	10.67	6.8	ng	388657	4	11.31	1134480	20.0
Tridecane	10.74	4.3	ng	245959	4	11.31	1134480	20.0
1-Tetradecene	11.54	5.0	ng	283129	4	11.31	1134480	20.0
1-Docosene	13.79	3.1	ng	189016	5	13.94	1210690	20.0
Heptadecane	14.42	2.1	ng	124538	5	13.94	1210690	20.0
Nonadecane	15.03	3.2	ng	121733	6	15.35	760742	20.0
Heptadecane, 9-oc...	15.78	4.7	ng	177512	6	15.35	760742	20.0
unknown16.74	16.74	51.9	ng	1975660	6	15.35	760742	20.0
unknown17.40	17.40	6.5	ng	245348	6	15.35	760742	20.0
unknown18.02	18.02	11.7	ng	446680	6	15.35	760742	20.0