LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096053.D
Acq On : 20 Jun 2017 19:43
Operator : SJ/MA
Sample : I3693-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-A

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-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.552	9	11	48	rVB	861580	1658980	100.00%	26.111%
2	5.257	637	641	659	rBV4	13851	61113	3.68%	0.962%
3	6.934	923	926	932	rBV	20318	48572	2.93%	0.764%
4	6.987	932	935	950	rVB	53100	150863	9.09%	2.374%
5	7.287	982	986	1002	rBV	278188	396233	23.88%	6.236%
6	7.534	1024	1028	1044	rBV	59397	98998	5.97%	1.558%
7	8.245	1146	1149	1163	rBV	16622	52639	3.17%	0.828%
8	9.322	1328	1332	1347	rBV	388067	526714	31.75%	8.290%
9	11.104	1631	1635	1647	rBV	120451	149634	9.02%	2.355%
10	11.810	1751	1755	1759	rBV	11564	18397	1.11%	0.290%
11	12.145	1807	1812	1817	rBV2	368369	485332	29.25%	7.639%
12	12.192	1817	1820	1832	rVB4	22313	39043	2.35%	0.614%
13	13.004	1953	1958	1962	rBV	15761	19324	1.16%	0.304%
14	13.045	1962	1965	1973	rVB	14402	23855	1.44%	0.375%
15	13.463	2031	2036	2045	rVB6	14546	28527	1.72%	0.449%
16	13.774	2084	2089	2097	rBV	16179	28254	1.70%	0.445%
17	14.539	2214	2219	2223	rVV	315524	426181	25.69%	6.708%
18	14.574	2223	2225	2233	rVB	58566	78197	4.71%	1.231%
19	14.674	2238	2242	2251	rVV	19666	30978	1.87%	0.488%
20	15.345	2350	2356	2361	rBV2	29284	44870	2.70%	0.706%
21	15.398	2361	2365	2371	rVV	15014	20877	1.26%	0.329%
22	15.504	2380	2383	2387	rVV3	19497	32191	1.94%	0.507%
23	15.551	2387	2391	2401	rVB6	11486	23521	1.42%	0.370%
24	15.792	2428	2432	2439	rBV4	12897	22237	1.34%	0.350%
25	16.315	2518	2521	2524	rBV3	48863	46901	2.83%	0.738%
26	16.351	2524	2527	2529	rBV2	96923	132108	7.96%	2.079%
27	16.668	2574	2581	2587	rBV	108228	142368	8.58%	2.241%
28	16.857	2610	2613	2620	rVB4	13555	19432	1.17%	0.306%
29	16.915	2620	2623	2630	rBV	104609	122457	7.38%	1.927%
30	17.115	2652	2657	2659	rBV3	12951	20263	1.22%	0.319%
31	17.145	2659	2662	2667	rVB2	20441	26760	1.61%	0.421%
32	17.274	2681	2684	2689	rBV4	17468	24168	1.46%	0.380%
33	17.327	2690	2693	2699	rVB3	18749	24519	1.48%	0.386%
34	17.774	2766	2769	2774	rVB4	21651	27871	1.68%	0.439%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.192	2838	2840	2844	rVB3	24554	26189	1.58%	0.412%
36	18.268	2848	2853	2857	rBV2	394941	505880	30.49%	7.962%
37	18.304	2857	2859	2870	rVB2	49018	76712	4.62%	1.207%
38	18.398	2872	2875	2878	rVB5	14861	18498	1.12%	0.291%
39	18.598	2906	2909	2915	rVB5	33711	48249	2.91%	0.759%
40	18.980	2972	2974	2977	rVB2	25609	22056	1.33%	0.347%
41	19.350	3034	3037	3040	rBV	31781	34317	2.07%	0.540%
42	19.545	3067	3070	3081	rBV	69544	131474	7.92%	2.069%
43	19.703	3094	3097	3100	rBV2	35113	34977	2.11%	0.551%
44	19.833	3117	3119	3123	rVB	42045	37183	2.24%	0.585%
45	19.892	3126	3129	3134	rBV	52881	68166	4.11%	1.073%
46	19.939	3134	3137	3144	rVV	232899	297588	17.94%	4.684%

Sum of corrected areas: 6353666

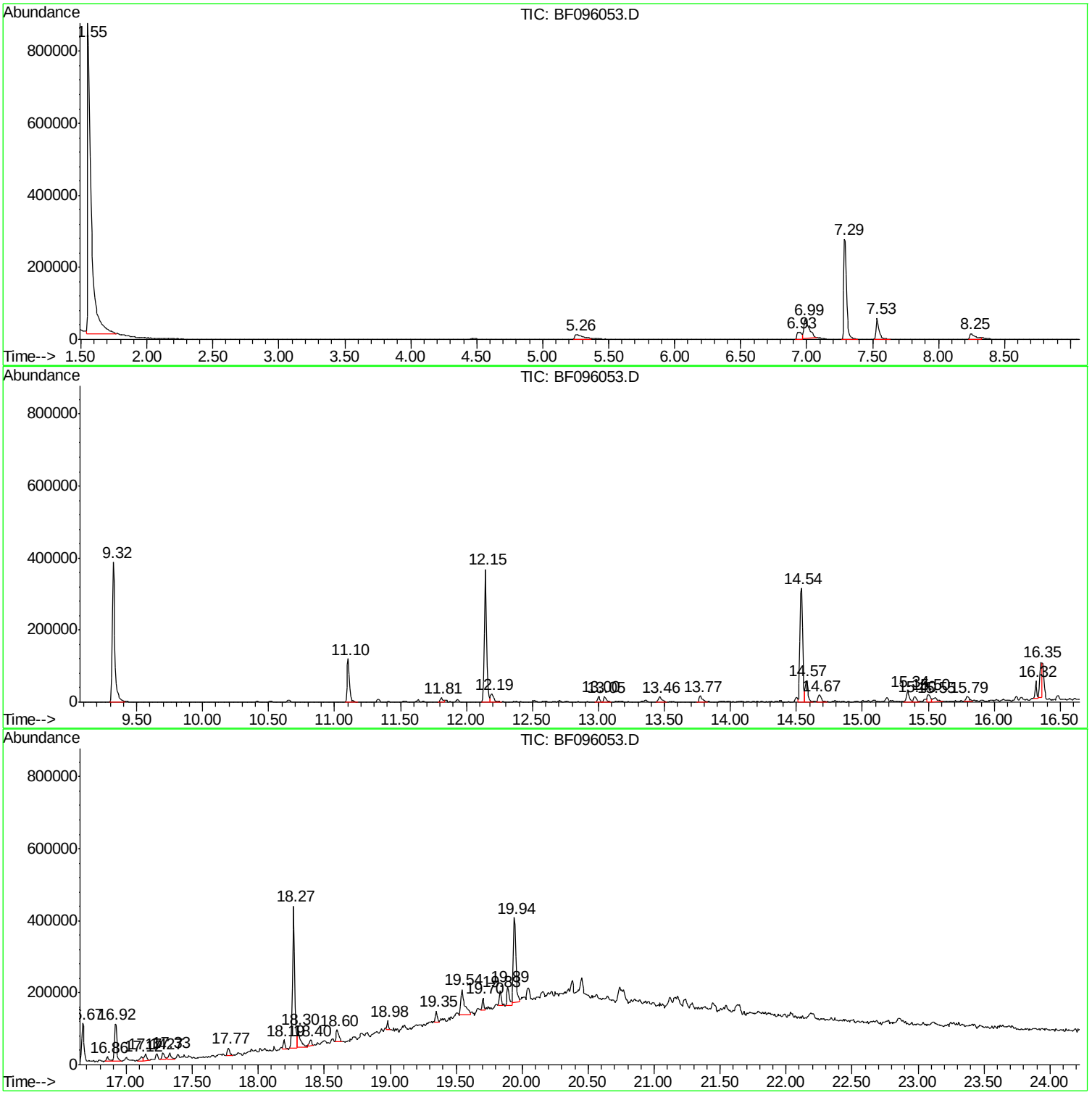
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096053.D
Acq On : 20 Jun 2017 19:43
Operator : SJ/MA
Sample : I3693-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096053.D
Acq On : 20 Jun 2017 19:43
Operator : SJ/MA
Sample : I3693-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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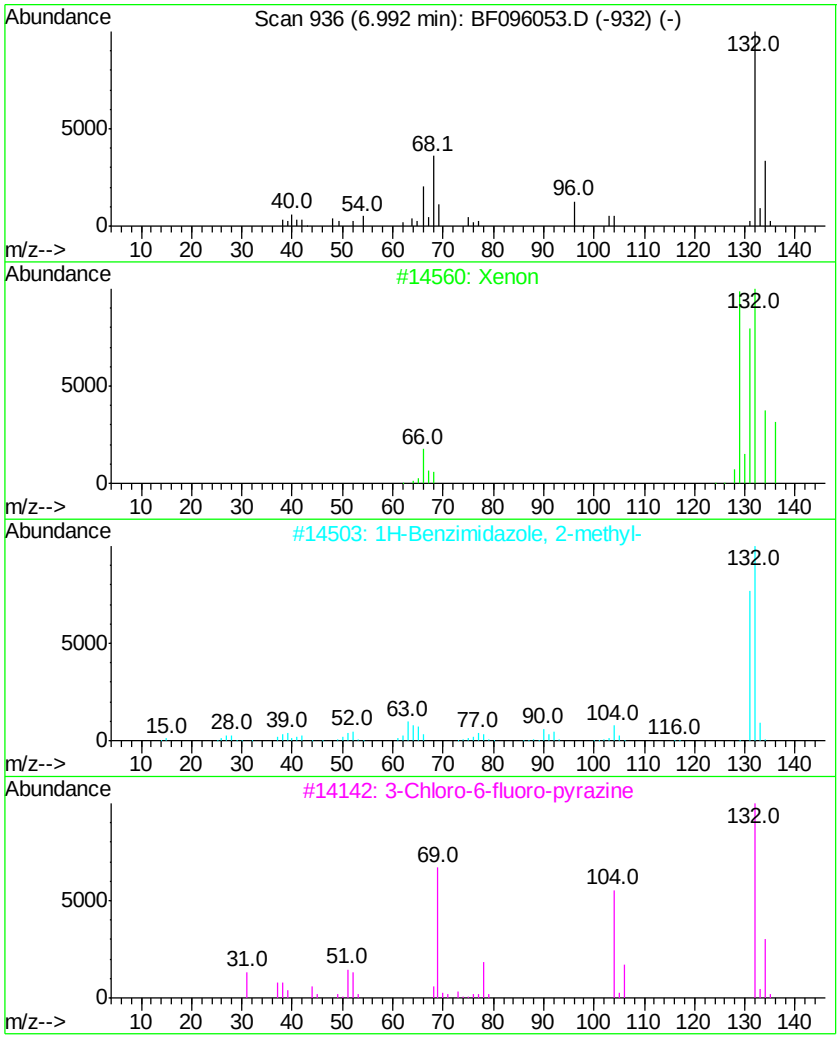
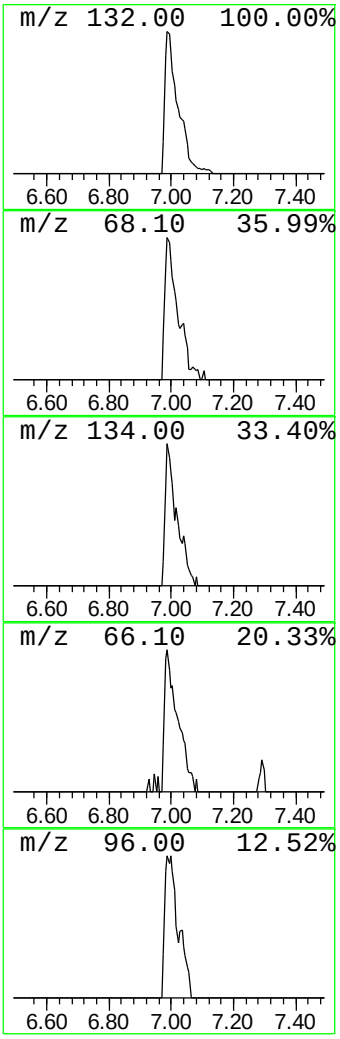
Peak Number 2 Xenon Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	7.61 ng	150863	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	45
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	17
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096053.D
Acq On : 20 Jun 2017 19:43
Operator : SJ/MA
Sample : I3693-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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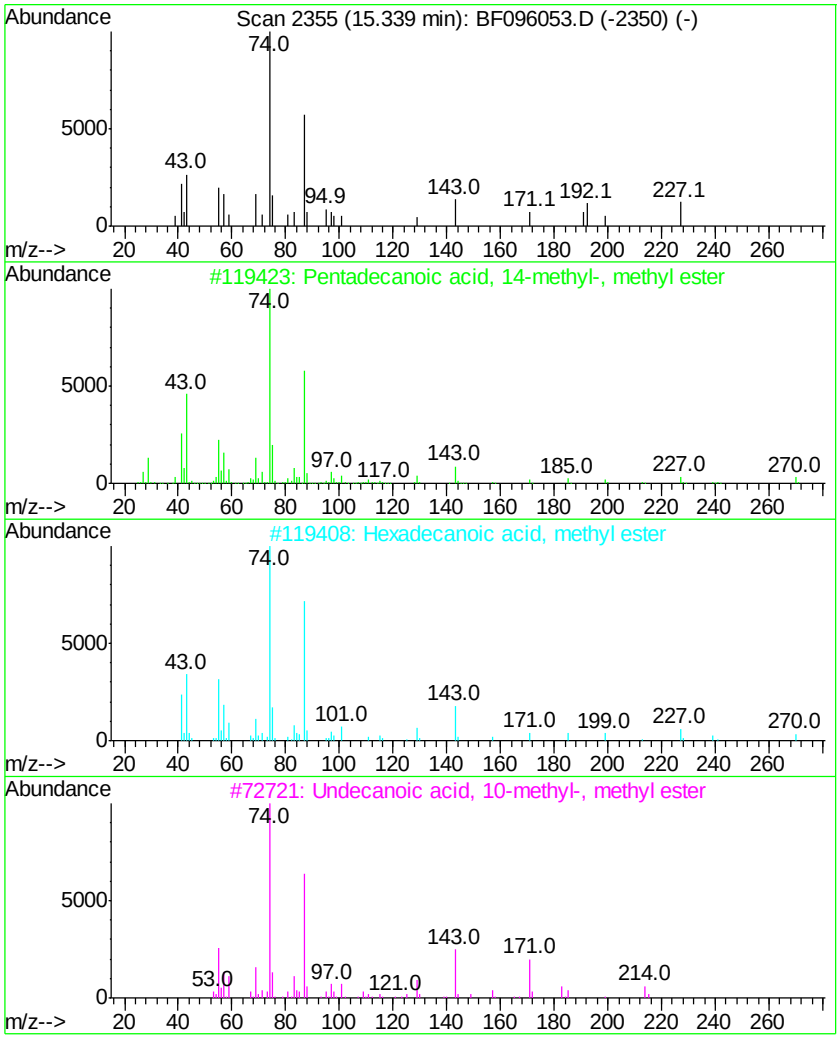
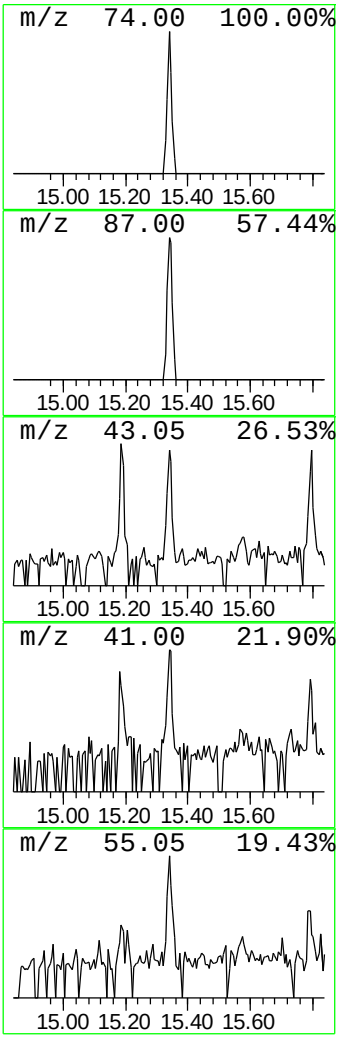
Peak Number 4 Pentadecanoic acid, 14-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.11 ng	44870	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	50
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	50
3	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	47
4	Methyl 6-methyl heptanoate	158	C9H18O2	002519-37-1	43
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
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Acq On : 20 Jun 2017 19:43
Operator : SJ/MA
Sample : I3693-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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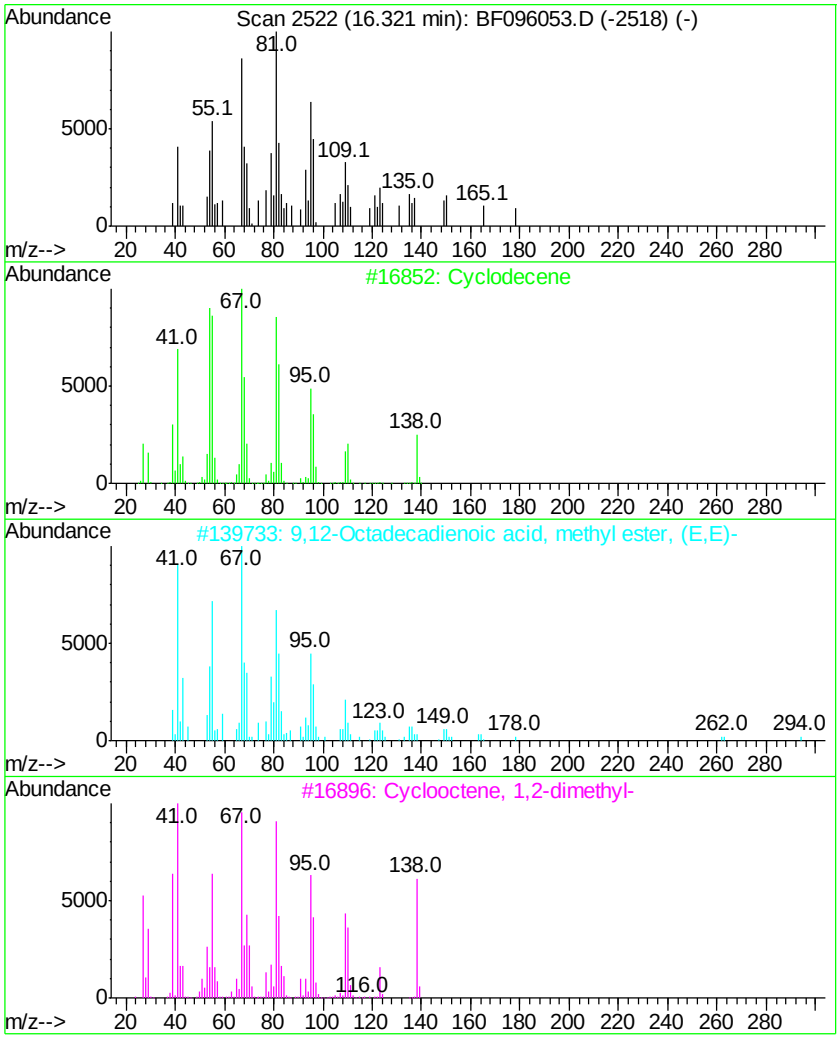
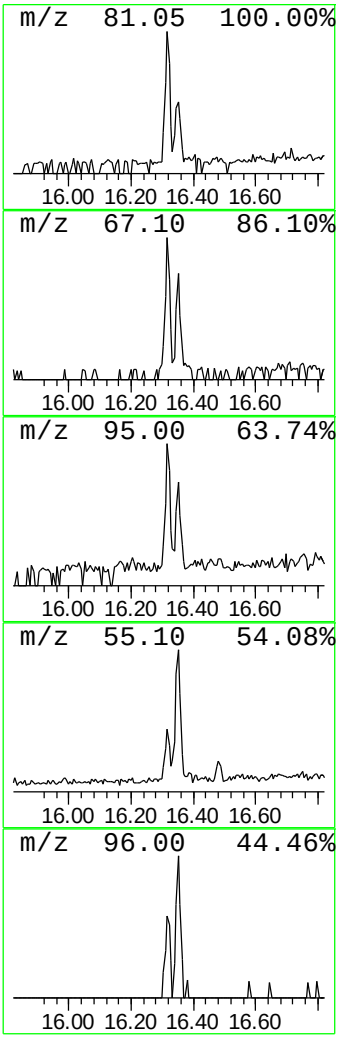
Peak Number 5 Cyclodecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.20 ng	46901	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecene	138	C10H18	003618-12-0	94
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	76
3	Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	76
4	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	74
5	4-Methyl-exo-tricyclo[6.2.1.0(2....	164	C12H20	1000215-29-8	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
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Acq On : 20 Jun 2017 19:43
Operator : SJ/MA
Sample : I3693-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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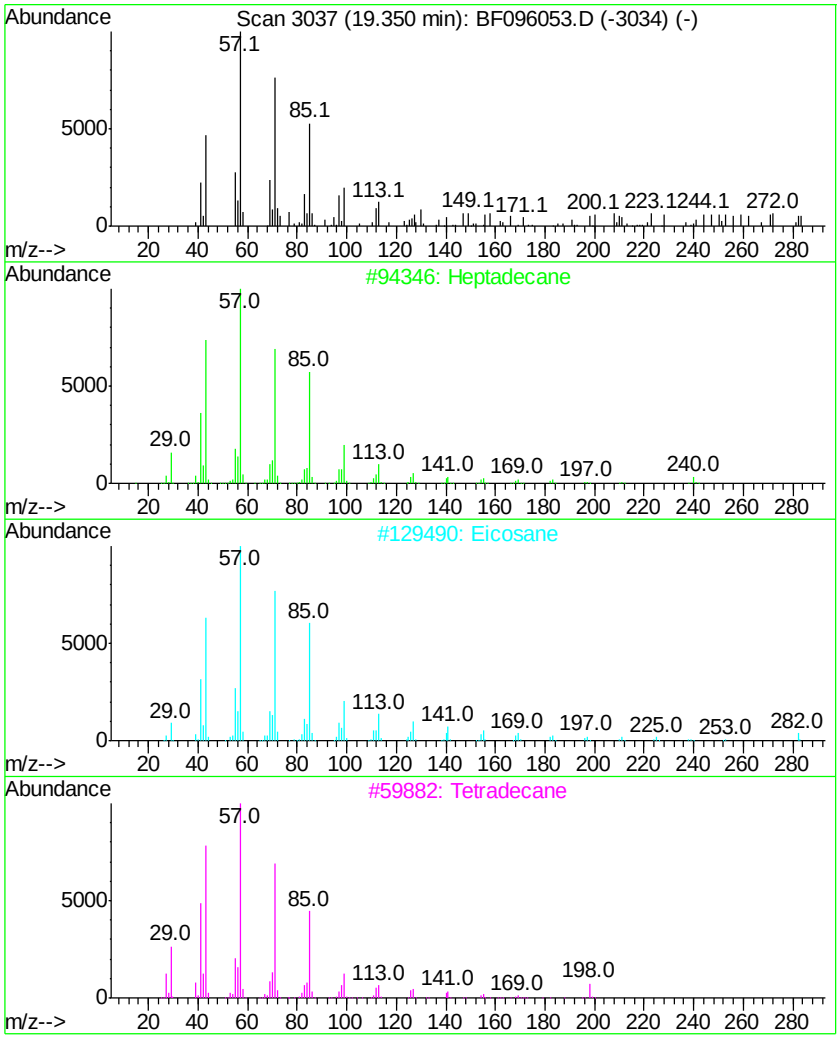
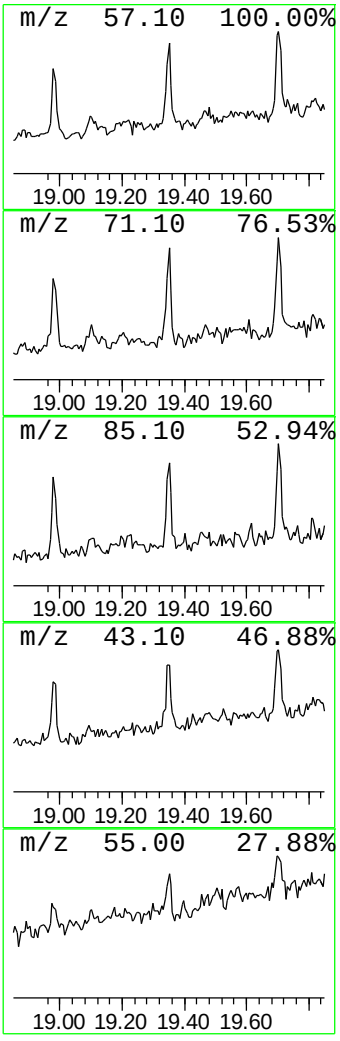
Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	2.31 ng	34317	Perylene-d12	19.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	74
2	Eicosane	282	C20H42	000112-95-8	74
3	Tetradecane	198	C14H30	000629-59-4	72
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
5	Nonacosane	408	C29H60	000630-03-5	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096053.D
Acq On : 20 Jun 2017 19:43
Operator : SJ/MA
Sample : I3693-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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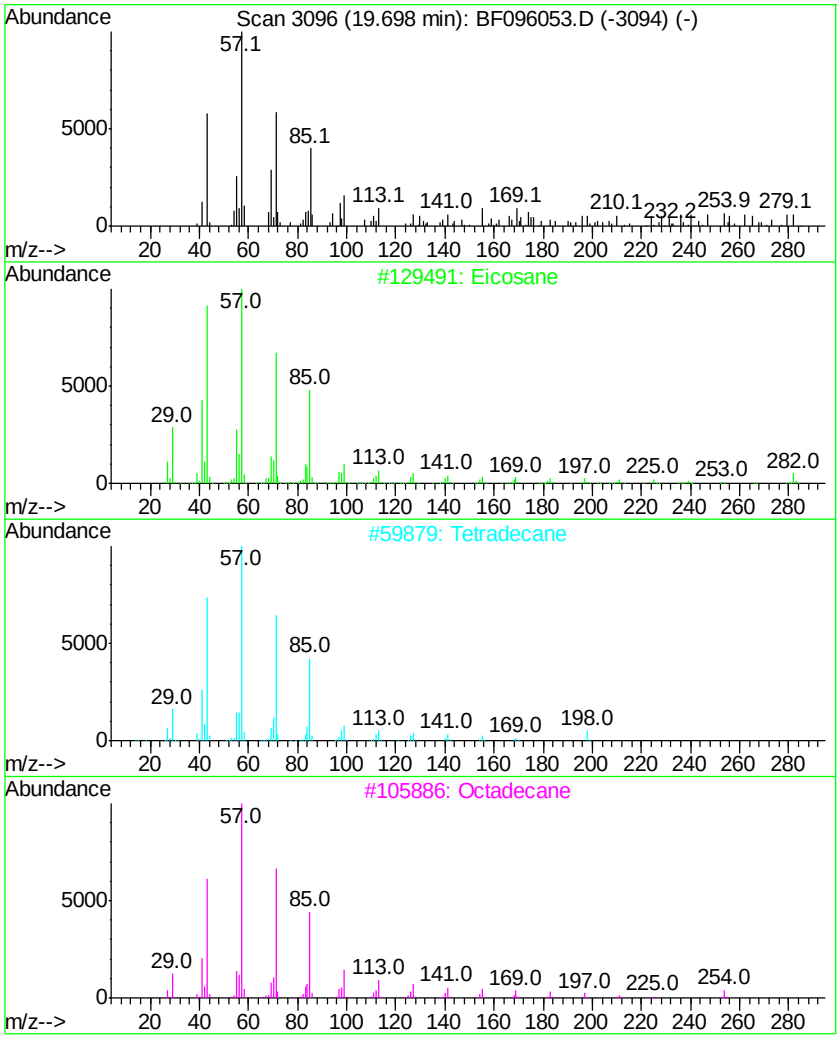
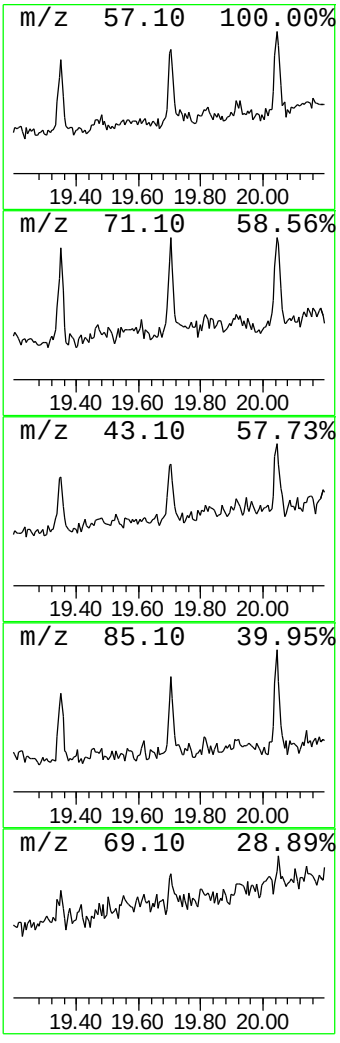
Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.35 ng	34977	Perylene-d12	19.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Tetradecane	198	C14H30	000629-59-4	86
3	Octadecane	254	C18H38	000593-45-3	81
4	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	64
5	Heptadecane	240	C17H36	000629-78-7	64





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Xenon	6.99	7.6	ng	150863	1	7.29	396233	20.0
Pentadecanoic aci...	15.34	2.1	ng	44870	4	14.54	426181	20.0
Cyclodecene	16.32	2.2	ng	46901	4	14.54	426181	20.0
Heptadecane	19.35	2.3	ng	34317	6	19.94	297588	20.0
Eicosane	19.70	2.4	ng	34977	6	19.94	297588	20.0