LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096821.D
Acq On : 17 Jul 2017 16:04
Operator : SJ/JU
Sample : I4196-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-012

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-BF071317.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	2.893	151	154	163	rBV	25071	63657	2.51%	0.292%
2	4.793	473	477	491	rVB	170544	248702	9.79%	1.143%
3	5.222	545	550	553	rBV	2413581	2409523	94.86%	11.069%
4	6.263	721	727	730	rBV	2320399	2522763	99.32%	11.590%
5	6.387	743	748	751	rBV	2394845	2444635	96.25%	11.231%
6	6.610	782	786	797	rBV	746395	631774	24.87%	2.902%
7	6.769	808	813	816	rBV	2063824	1841795	72.51%	8.461%
8	7.175	877	882	885	rBV	1595415	1539074	60.59%	7.071%
9	7.298	895	903	909	rBV	45533	59009	2.32%	0.271%
10	7.804	986	989	993	rBV	36085	29704	1.17%	0.136%
11	7.892	1000	1004	1007	rBV	1008115	835560	32.90%	3.839%
12	8.969	1182	1187	1190	rBV	2756082	2539964	100.00%	11.669%
13	9.363	1250	1254	1257	rBV	515012	434585	17.11%	1.996%
14	9.639	1296	1301	1304	rBV	940162	857843	33.77%	3.941%
15	10.086	1374	1377	1380	rVB	39359	30099	1.19%	0.138%
16	10.422	1430	1434	1437	rBV	1455921	1315641	51.80%	6.044%
17	10.557	1454	1457	1464	rBV	59904	64066	2.52%	0.294%
18	11.004	1528	1533	1536	rBV2	40606	35946	1.42%	0.165%
19	11.110	1547	1551	1555	rVB	849359	709546	27.94%	3.260%
20	11.351	1589	1592	1599	rVB	114371	117473	4.62%	0.540%
21	12.169	1728	1731	1738	rBV	40493	39865	1.57%	0.183%
22	12.580	1796	1801	1804	rBV3	19703	31841	1.25%	0.146%
23	12.698	1816	1821	1824	rBV	1646255	1670325	65.76%	7.674%
24	13.598	1971	1974	1979	rBV	98803	121164	4.77%	0.557%
25	13.733	1993	1997	2001	rBV	589691	544227	21.43%	2.500%
26	14.233	2079	2082	2088	rVB2	42882	54475	2.14%	0.250%
27	15.110	2226	2231	2234	rBV	462335	546657	21.52%	2.511%
28	17.874	2698	2701	2702	rBV3	24560	27477	1.08%	0.126%

Sum of corrected areas: 21767390

LSC Report - Integrated Chromatogram

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Operator : SJ/JU
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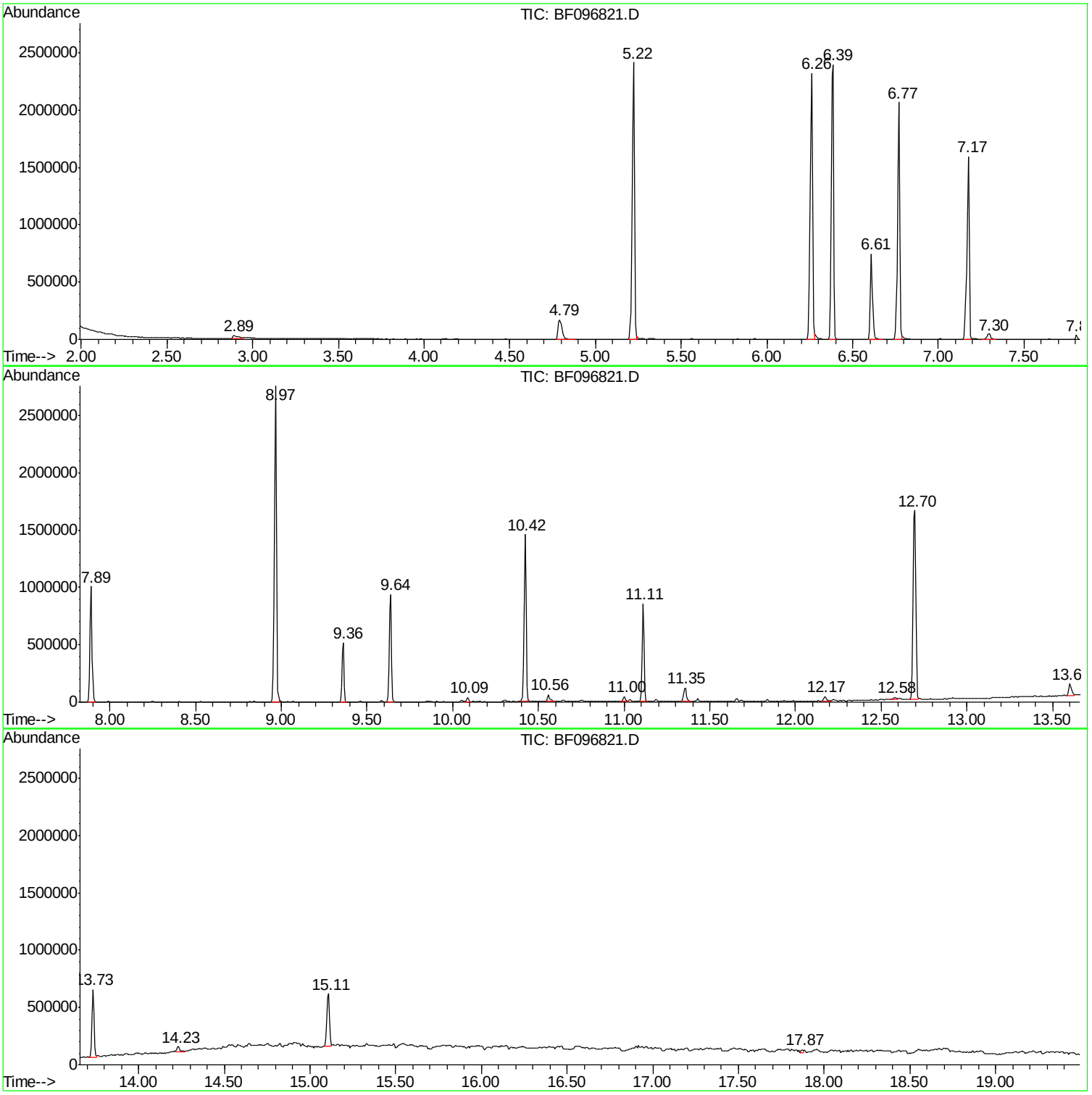
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-012

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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\BF071717\
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Instrument : BNA_F
ClientSampleId : FK-PS-01-012

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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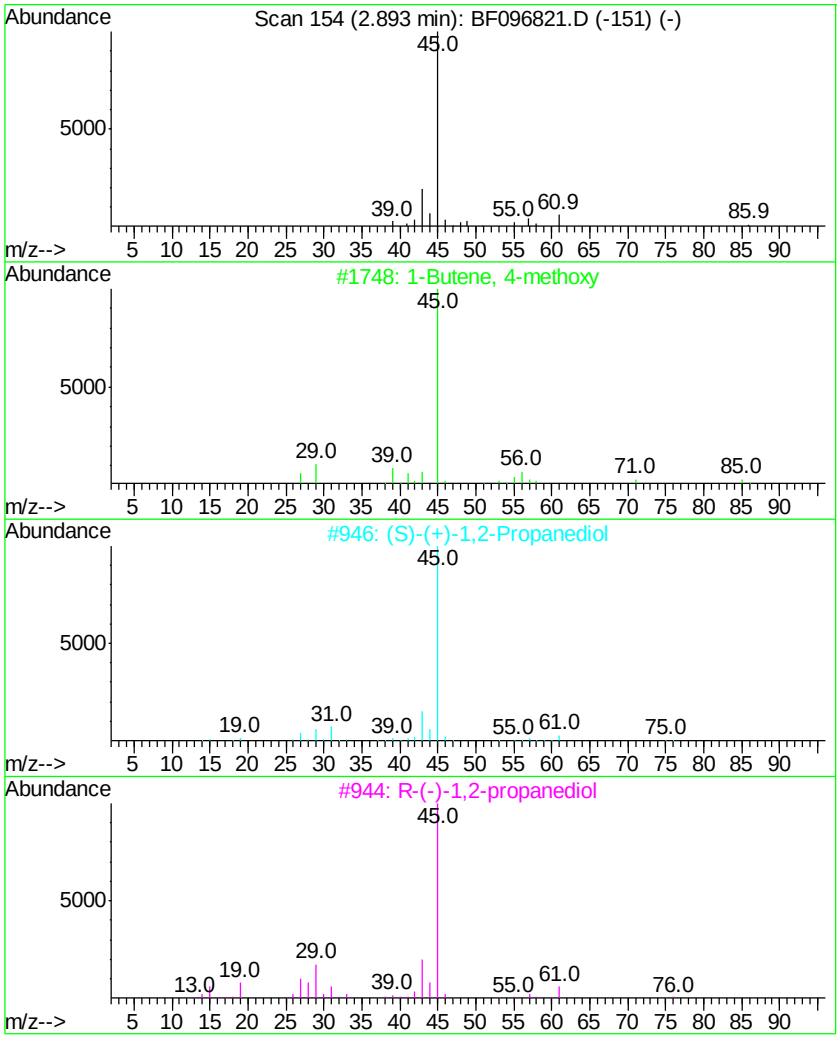
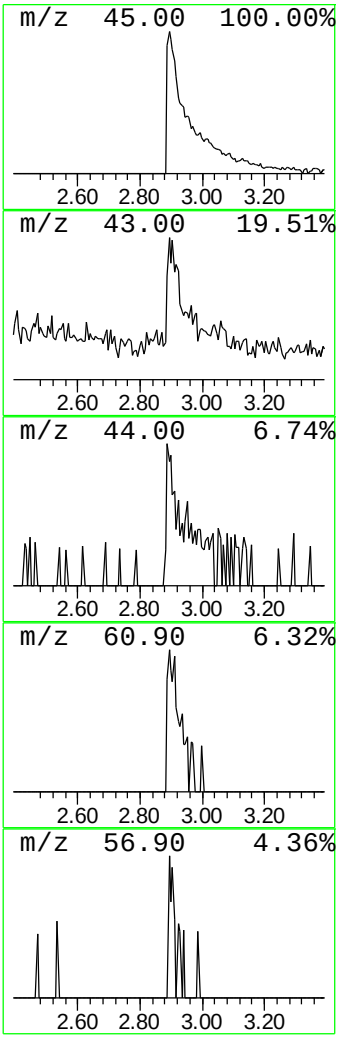
Peak Number 1 1-Butene, 4-methoxy Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	2.02 ng	63657	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	56
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
4	Propylene Glycol	76	C3H8O2	000057-55-6	43
5	2-Pentanol	88	C5H12O	006032-29-7	9





Library Search Compound Report

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Data File : BF096821.D
Acq On : 17 Jul 2017 16:04
Operator : SJ/JU
Sample : I4196-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-012

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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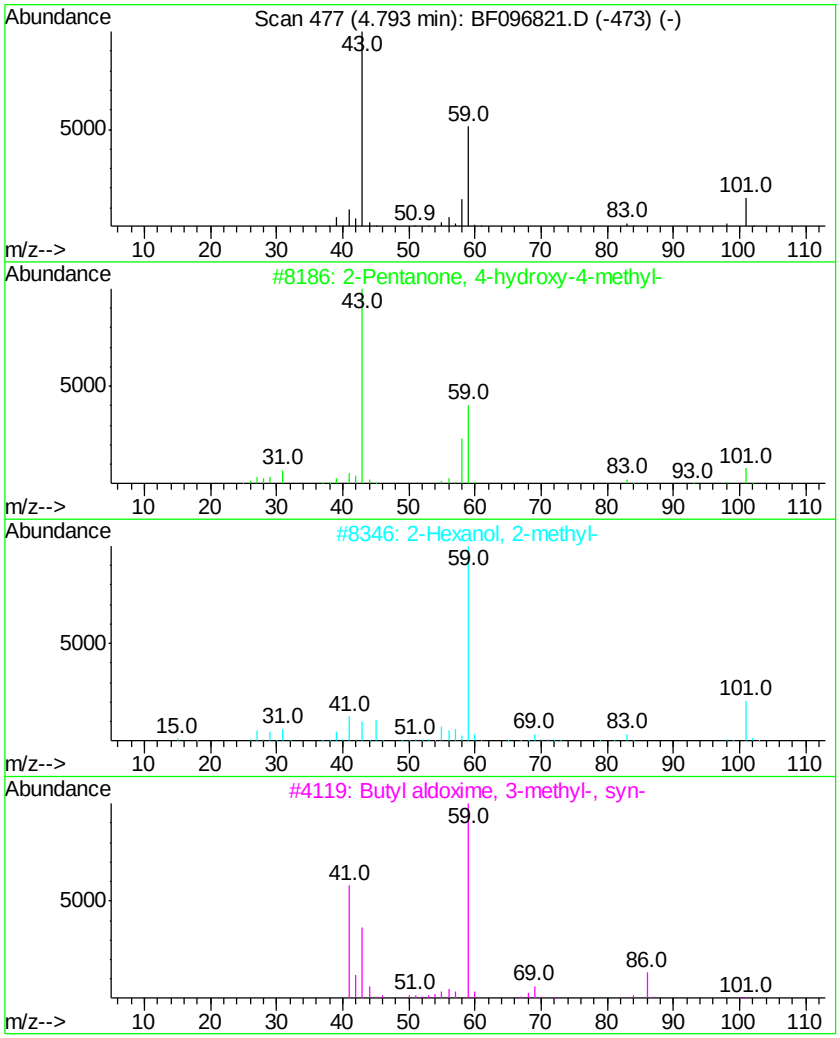
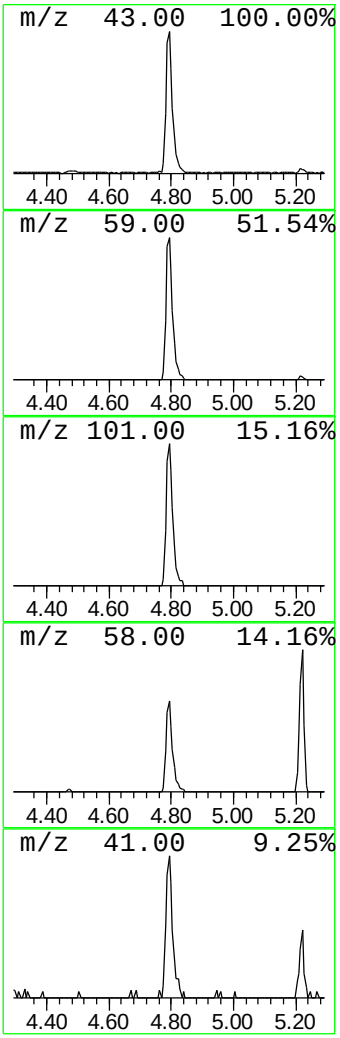
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	7.87 ng	248702	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096821.D
Acq On : 17 Jul 2017 16:04
Operator : SJ/JU
Sample : I4196-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-012

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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TIC Library : C:\DATABASE\NIST11.L
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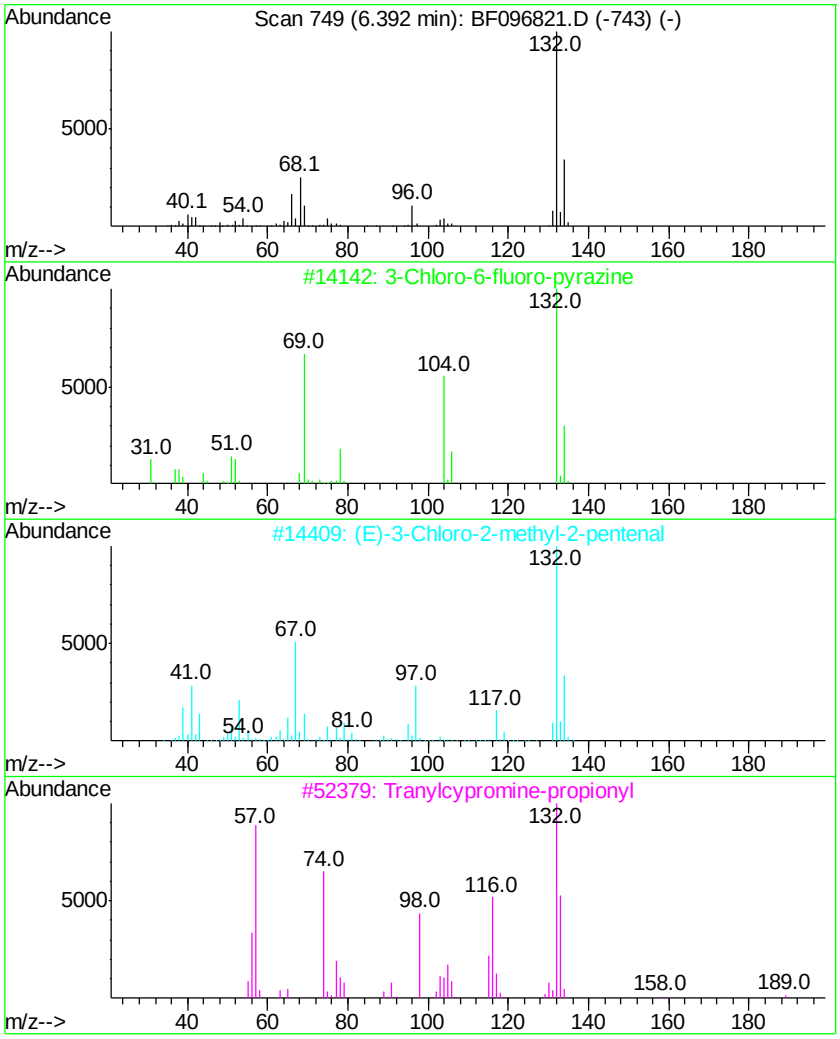
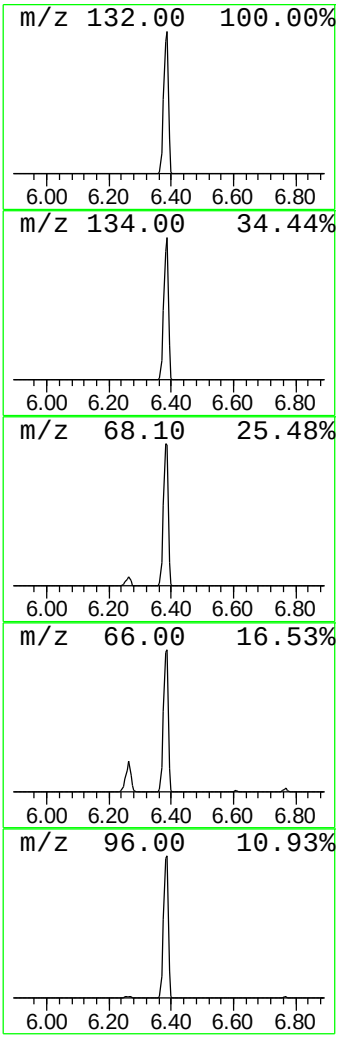
Peak Number 3 unknown6.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	77.39 ng	2444640	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Sample : I4196-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-012

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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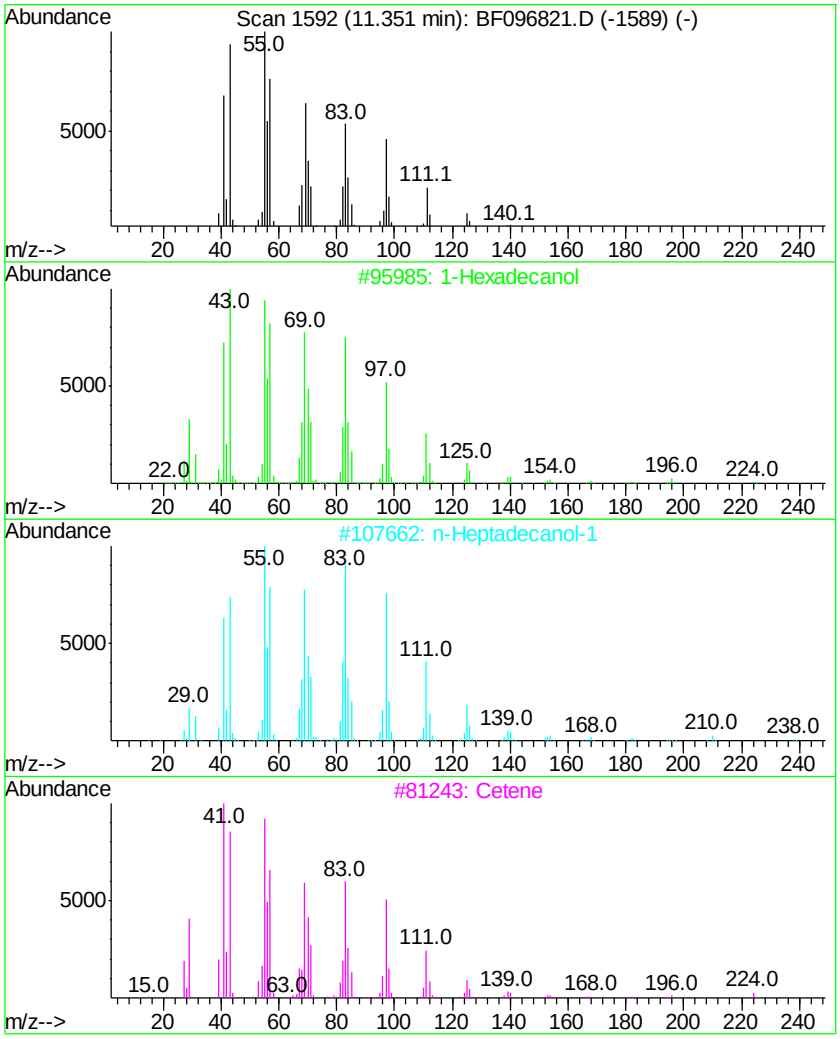
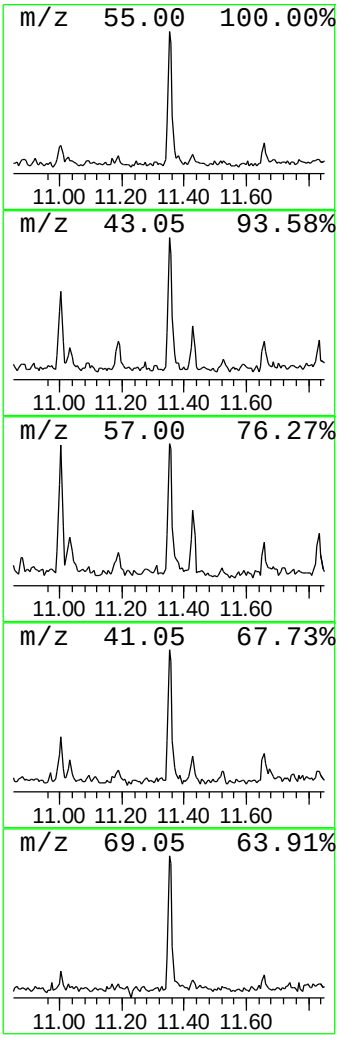
Peak Number 5 1-Hexadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	3.31 ng	117473	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	94
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
3	Cetene	224	C16H32	000629-73-2	91
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	83





Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-012

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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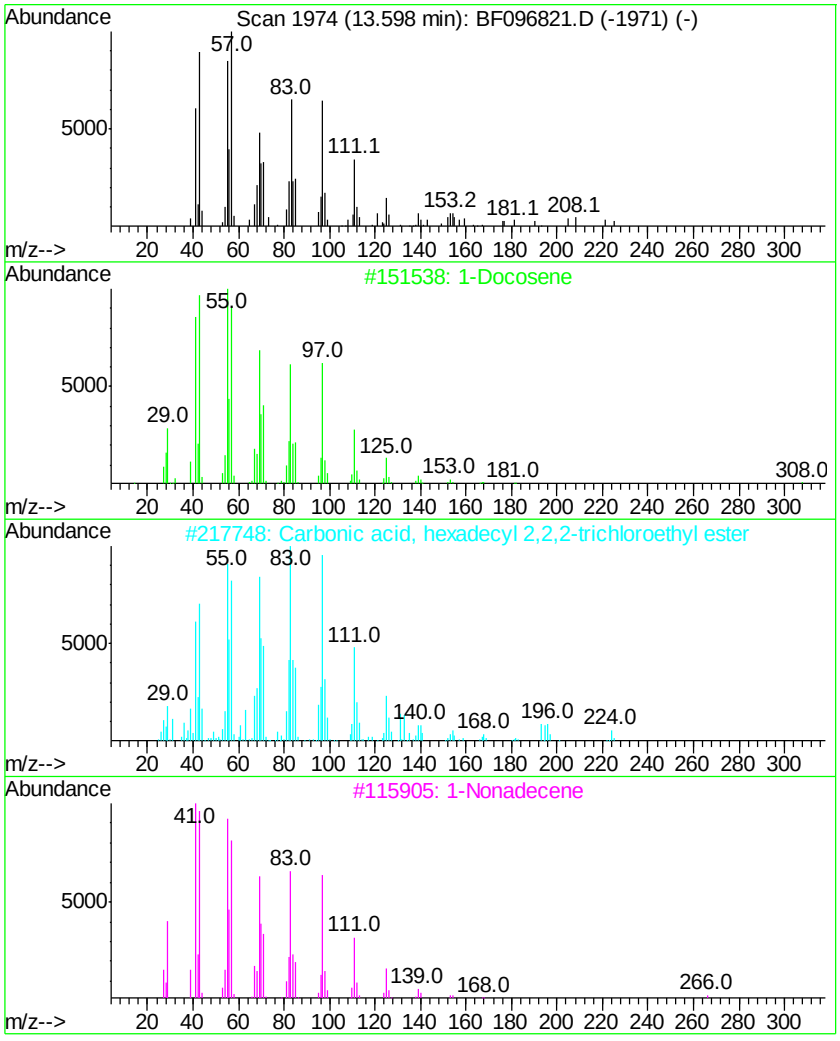
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

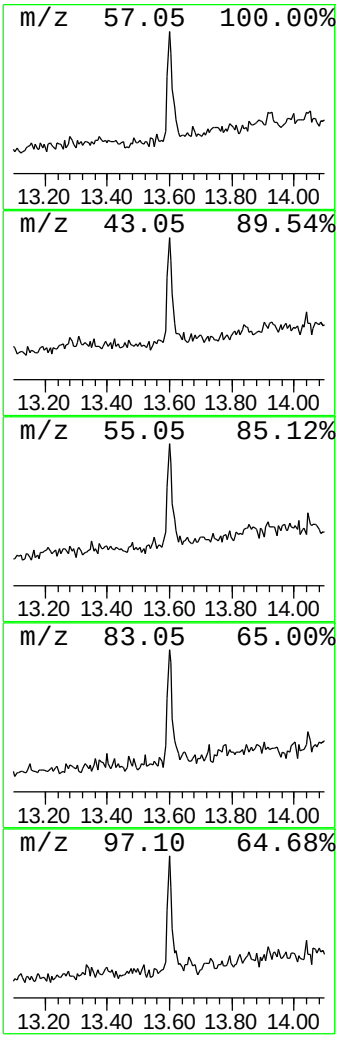
****

Peak Number 6 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	4.45 ng	121164	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





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Sample : I4196-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-012

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

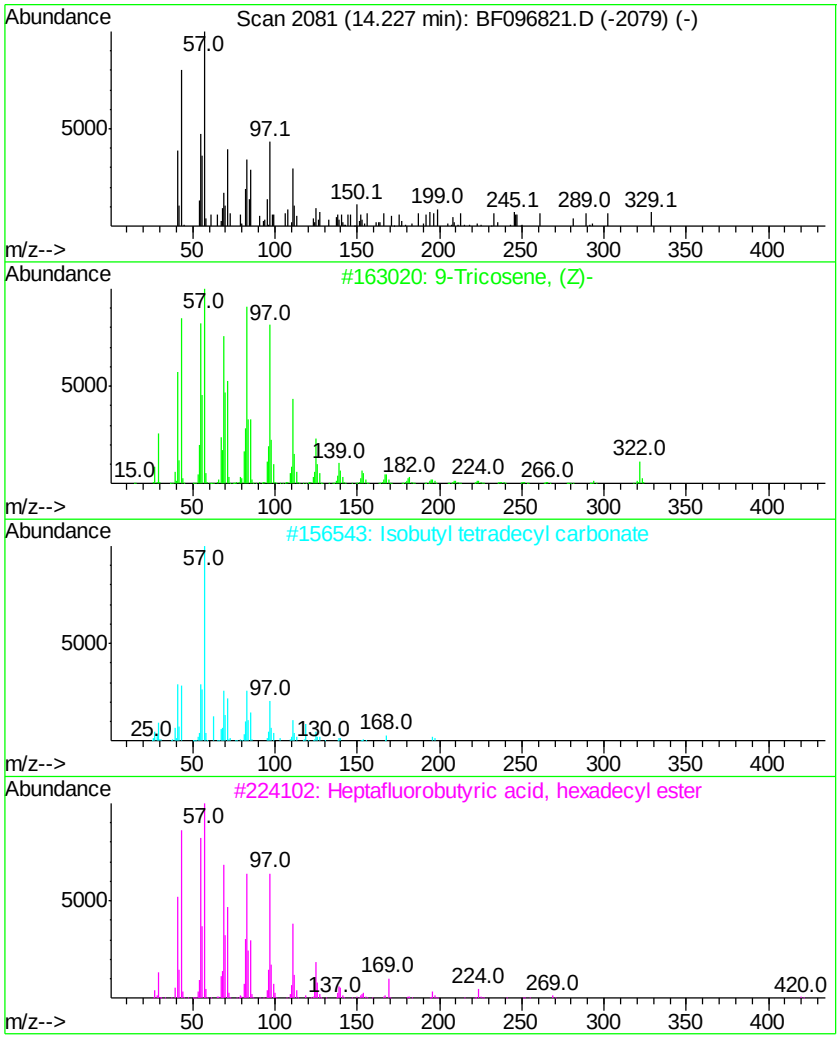
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

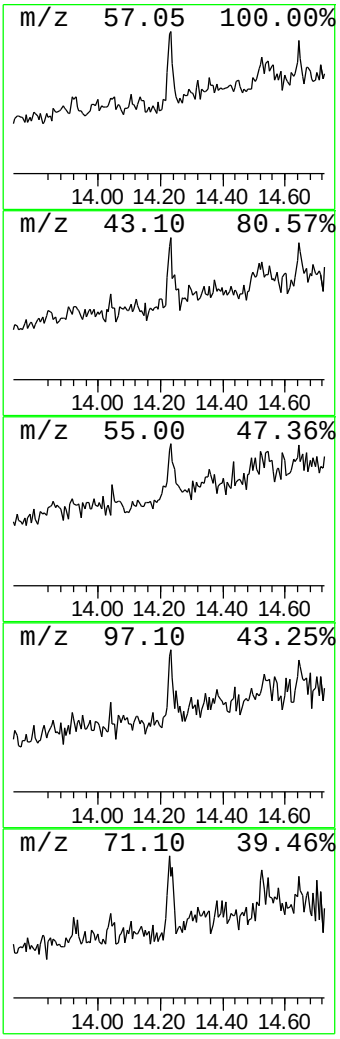
****

Peak Number 7 9-Tricosene, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.00 ng	54475	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	86
2	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	80
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	52
4	17-Pentatriacontene	491	C35H70	006971-40-0	49
5	1-Methyl-2-(4-methylpentyl)cyclo...	168	C12H24	1000113-60-1	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
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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
1-Butene, 4-methoxy	2.89	2.0	ng	63657	1	6.61	631774	20.0
2-Pentanone, 4-hy...	4.79	7.9	ng	248702	1	6.61	631774	20.0
unknown6.39	6.39	77.4	ng	2444640	1	6.61	631774	20.0
1-Hexadecanol	11.35	3.3	ng	117473	4	11.11	709546	20.0
1-Docosene	13.60	4.5	ng	121164	5	13.73	544227	20.0
9-Tricosene, (Z)-	14.23	2.0	ng	54475	5	13.73	544227	20.0