LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084920.D
Acq On : 6 Feb 2016 19:07
Operator : SJ/IZ
Sample : H1348-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OUTFALL-001

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-BF020116.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	4.087	172	175	180	rBV	218544	307574	5.41%	0.831%
2	4.807	235	238	240	rBV	1050669	1557174	27.39%	4.208%
3	5.253	275	277	280	rBV	2058778	1848146	32.51%	4.994%
4	5.596	304	307	310	rBV	62989	62808	1.10%	0.170%
5	5.653	310	312	315	rVB	170953	175001	3.08%	0.473%
6	6.316	367	370	372	rBV	1073590	1199165	21.09%	3.240%
7	6.430	378	380	382	rBV	3630328	3165056	55.67%	8.553%
8	6.659	398	400	402	rBV	1353021	1106676	19.47%	2.991%
9	6.819	411	414	416	rBV	4511673	4234412	74.48%	11.443%
10	7.230	447	450	453	rBV	2661526	3232974	56.86%	8.736%
11	7.950	510	513	515	rBV	1456847	1471130	25.88%	3.975%
12	9.025	604	607	610	rBV	4258097	5685386	100.00%	15.363%
13	9.425	640	642	644	rBV	384279	317234	5.58%	0.857%
14	9.470	644	646	649	rVB	263923	239043	4.20%	0.646%
15	9.642	659	661	663	rBV	101022	86158	1.52%	0.233%
16	9.699	663	666	668	rVV	1495457	1504185	26.46%	4.065%
17	10.145	701	705	706	rBV2	132121	168440	2.96%	0.455%
18	10.362	721	724	727	rBV	51018	81671	1.44%	0.221%
19	10.488	732	735	737	rBV	2026972	2308659	40.61%	6.239%
20	10.613	743	746	749	rBV	155633	182430	3.21%	0.493%
21	10.819	761	764	769	rBV	90239	133273	2.34%	0.360%
22	11.059	781	785	786	rBV	75019	76740	1.35%	0.207%
23	11.173	793	795	797	rVB	1590817	1314029	23.11%	3.551%
24	12.602	918	920	922	rBV	229518	284520	5.00%	0.769%
25	12.762	931	934	937	rBV	4182025	4000763	70.37%	10.811%
26	13.299	979	981	983	rBV	212190	190390	3.35%	0.514%
27	13.665	1011	1013	1017	rBV	143108	214550	3.77%	0.580%
28	13.802	1022	1025	1027	rBV	1098557	965563	16.98%	2.609%
29	15.174	1142	1145	1147	rBV	802362	892739	15.70%	2.412%

Sum of corrected areas: 37005889

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084920.D
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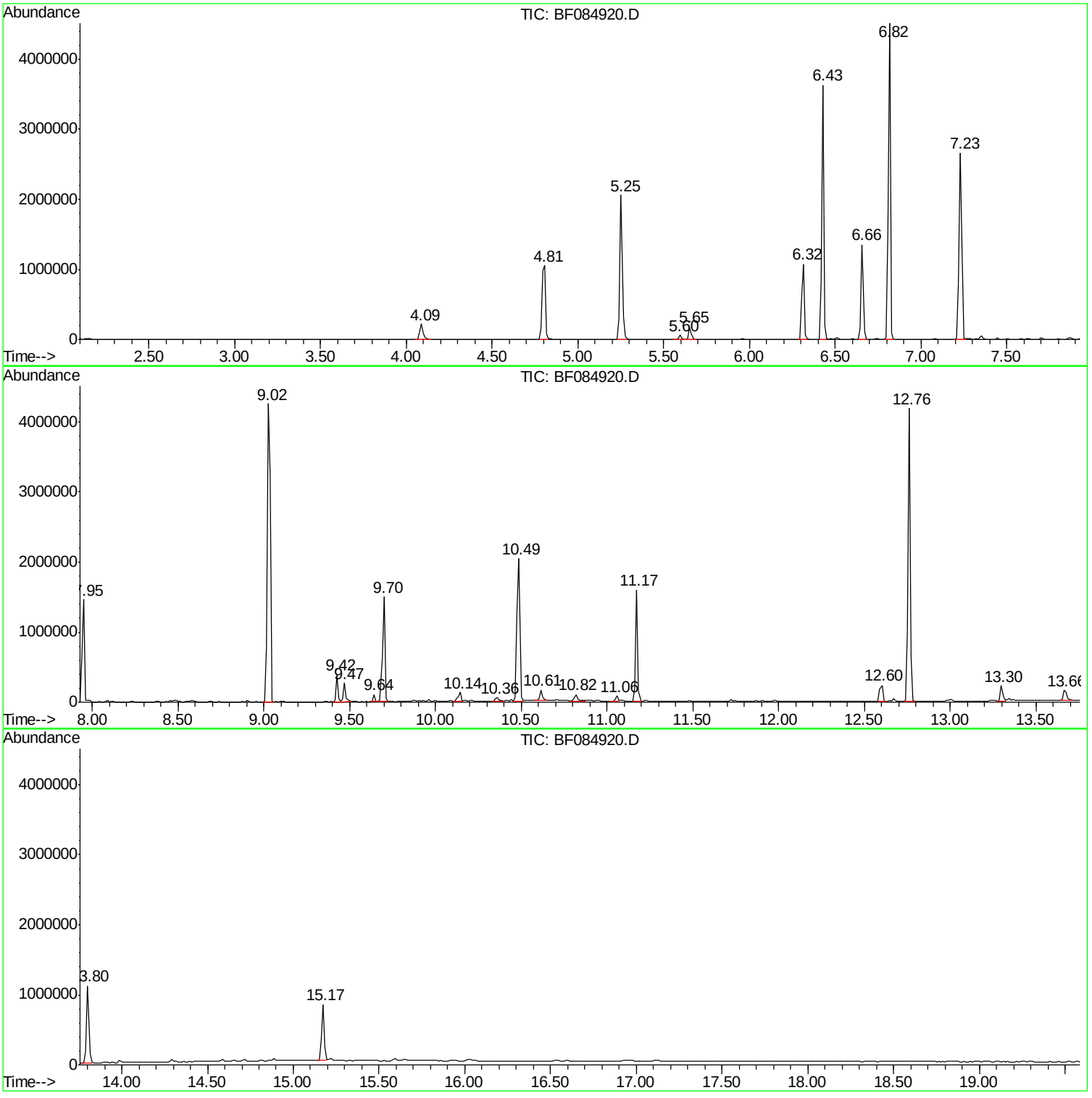
Operator : SJ/IZ
Sample : H1348-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OUTFALL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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\BF020616\
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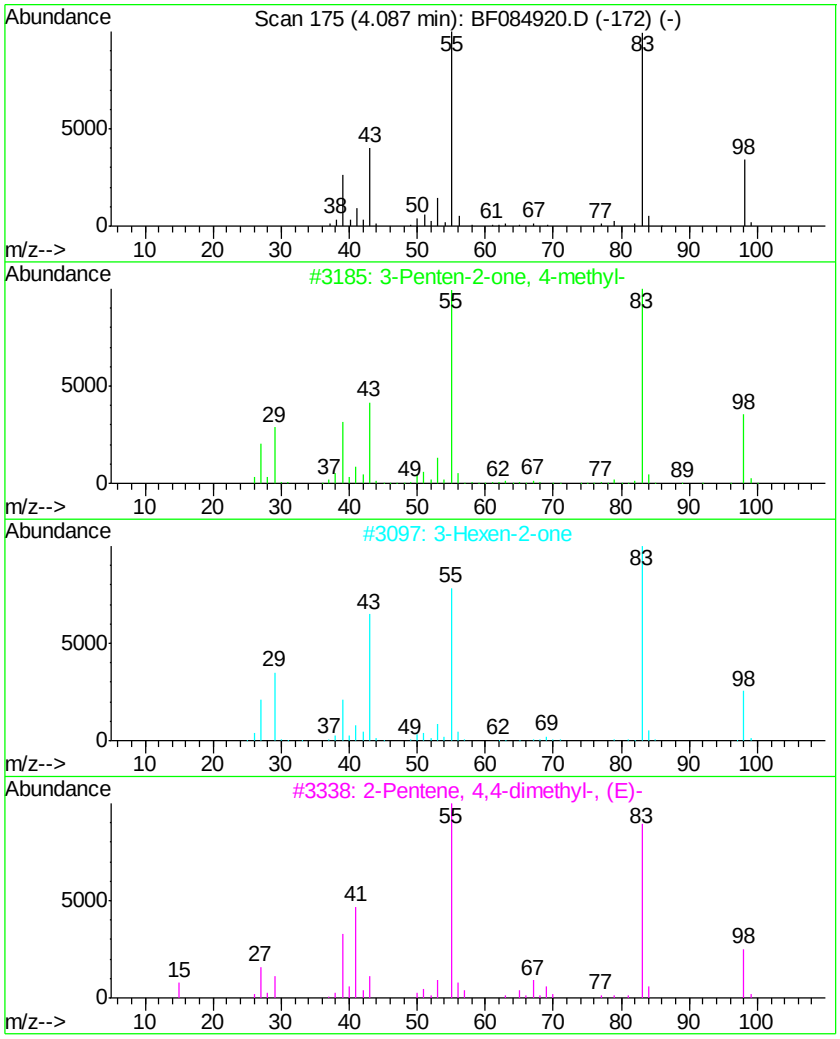
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

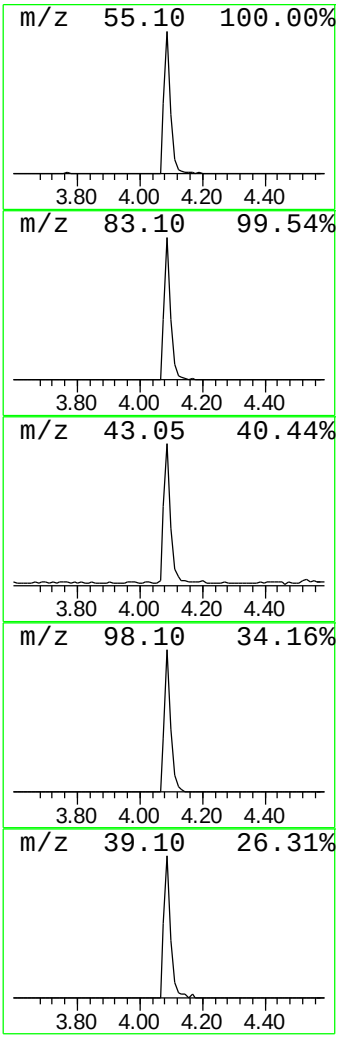
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	5.56 ng	307574	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	83





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Operator : SJ/IZ
Sample : H1348-01
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Instrument : BNA_F
ClientSampleId : OUTFALL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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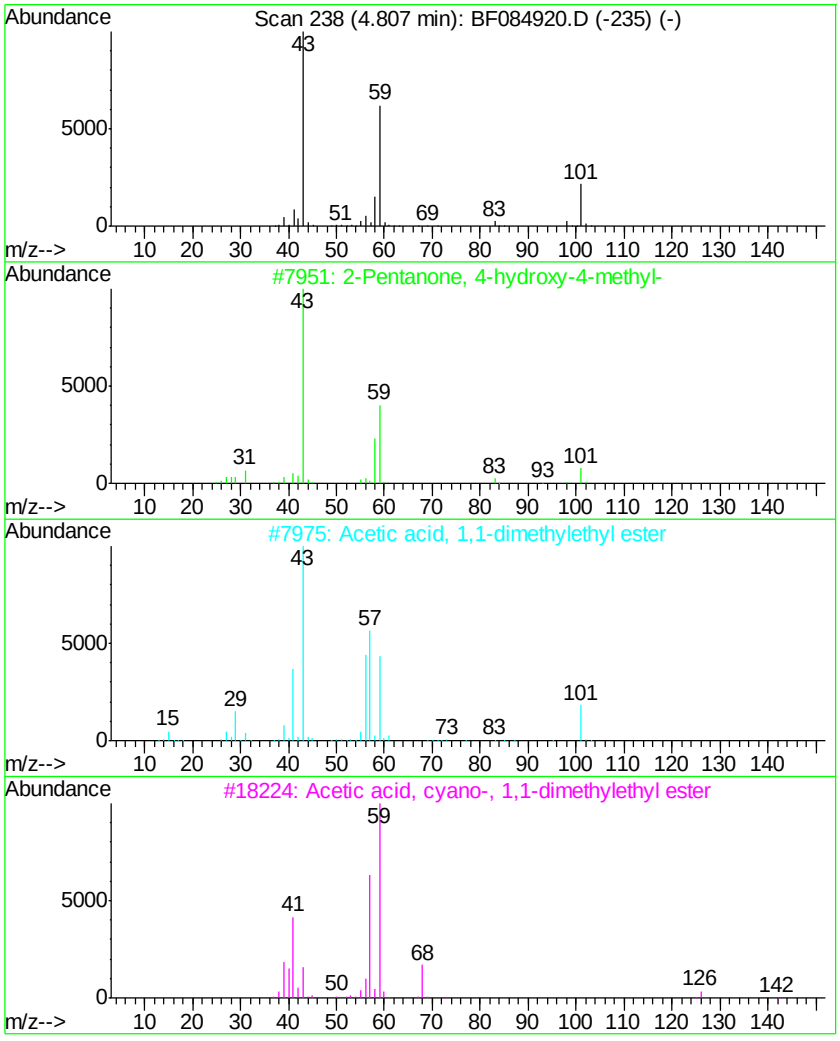
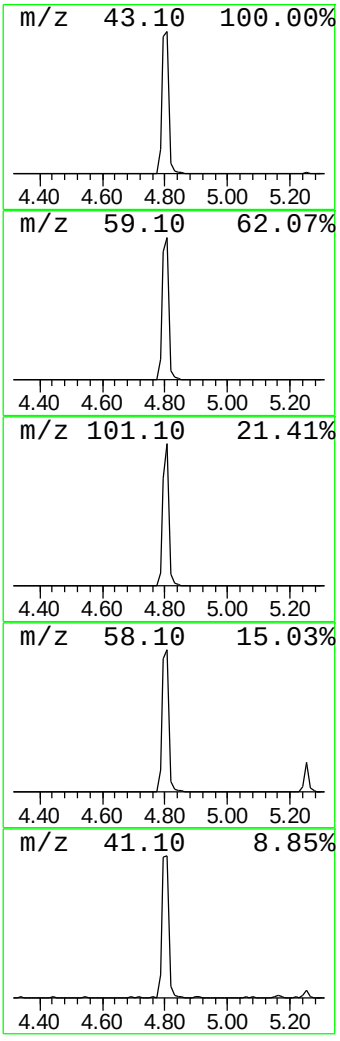
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	28.14 ng	1557170	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084920.D
Acq On : 6 Feb 2016 19:07
Operator : SJ/IZ
Sample : H1348-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OUTFALL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

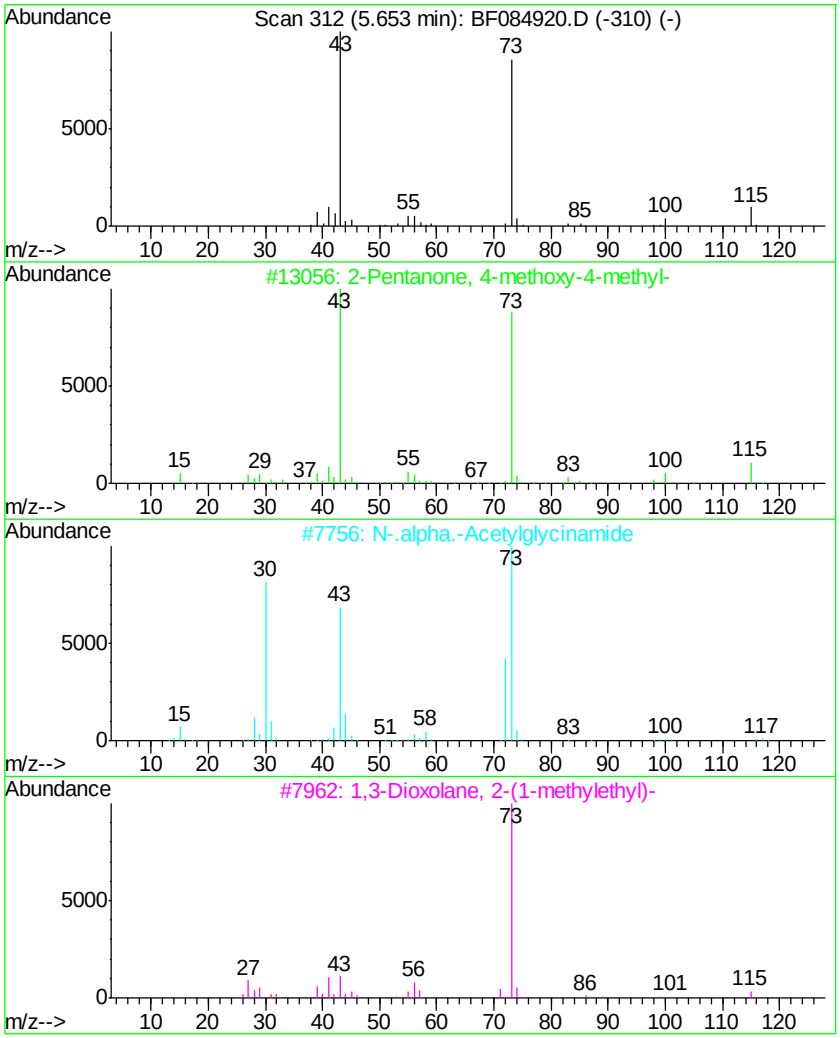
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

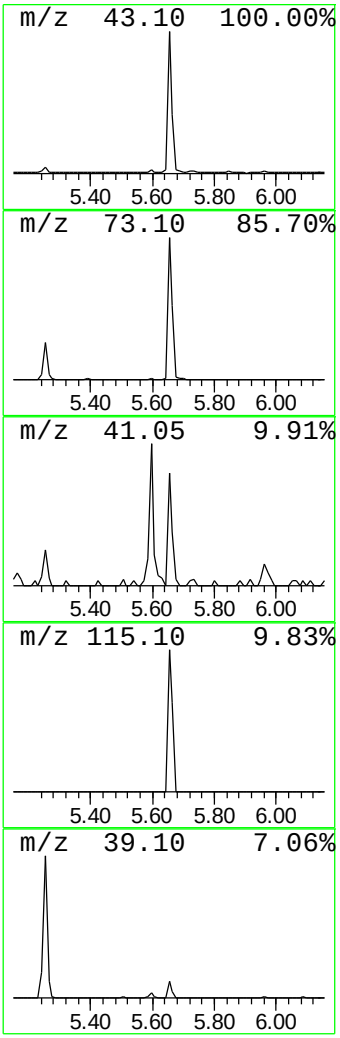
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	3.16 ng	175001	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	25
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	17
5	N-Formylmorpholine	115	C5H9NO2	004394-85-8	10





Library Search Compound Report

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Sample : H1348-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OUTFALL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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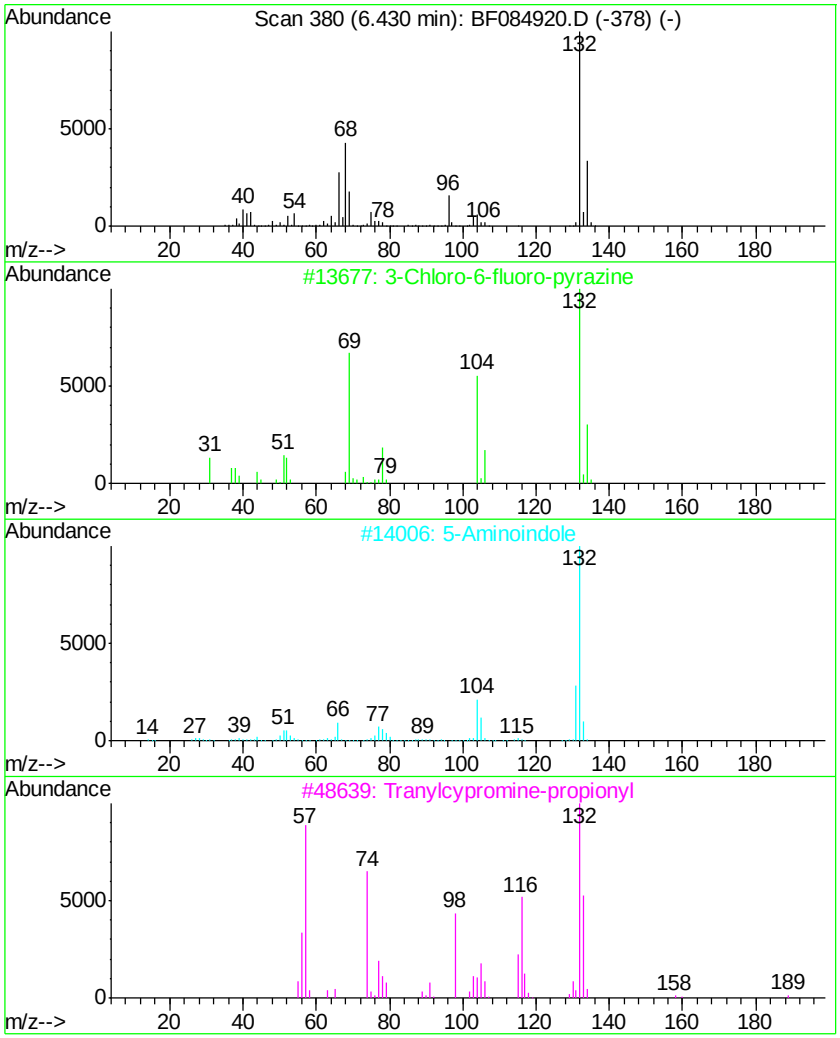
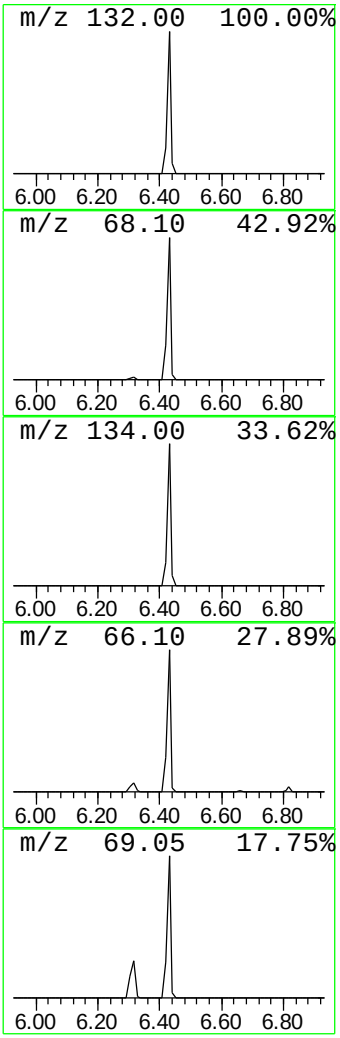
Peak Number 4 unknown6.43 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	57.20 ng	3165060	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : H1348-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OUTFALL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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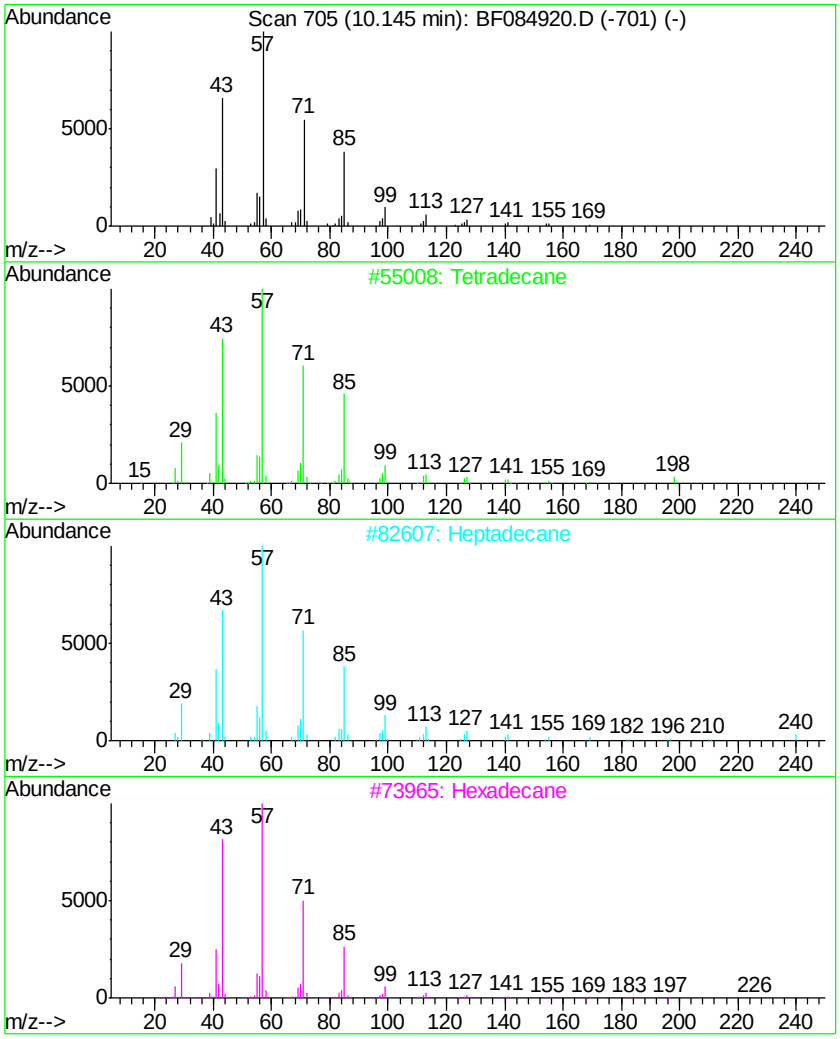
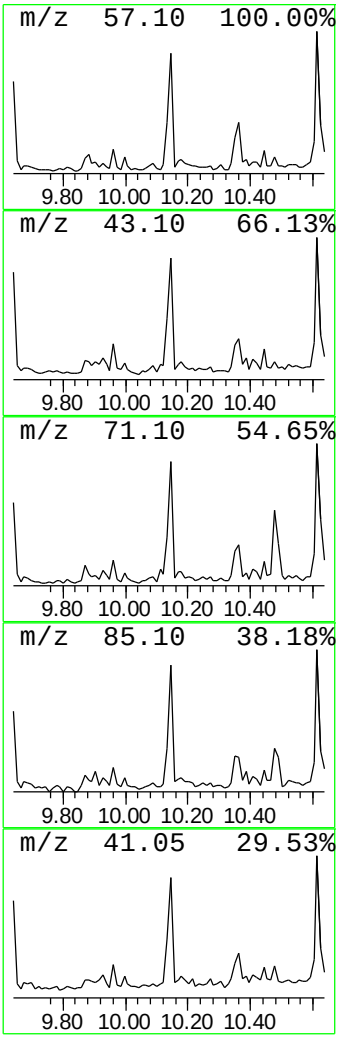
****

Peak Number 6 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	2.24 ng	168440	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Octacosane	394	C28H58	000630-02-4	83





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Instrument : BNA_F
ClientSampleId : OUTFALL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
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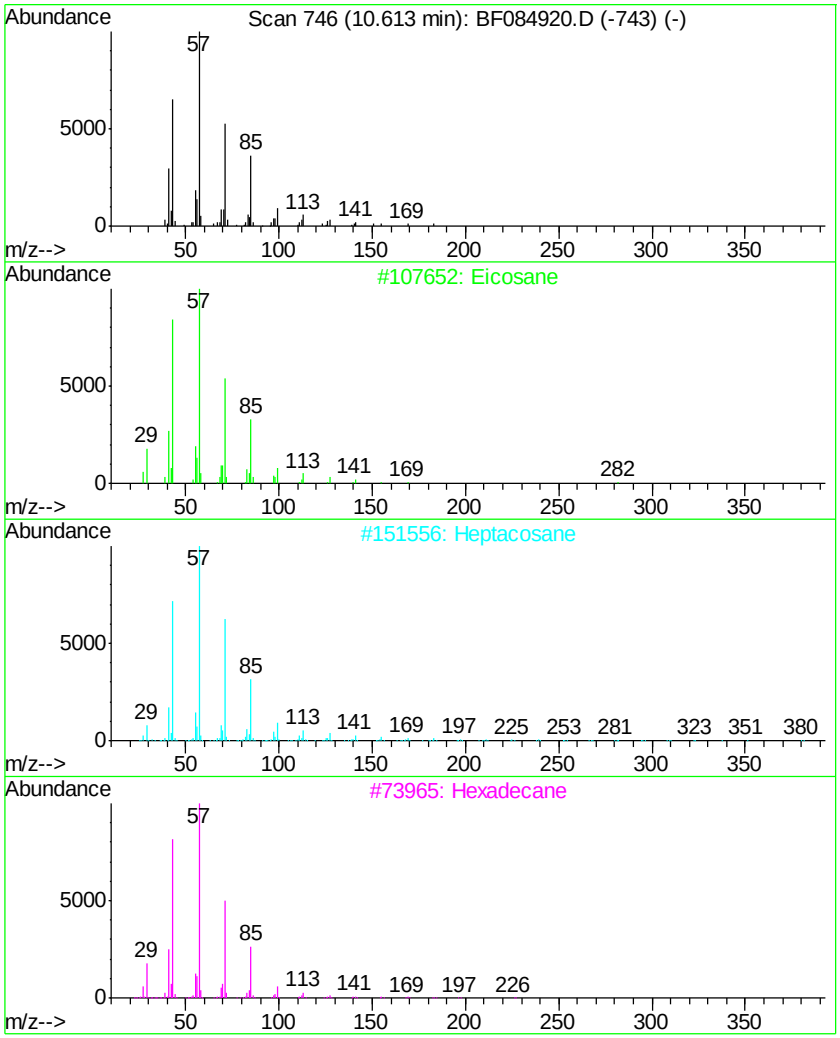
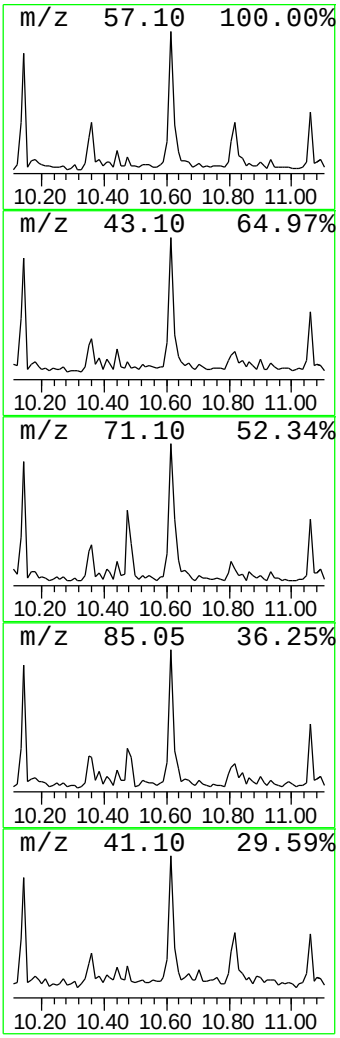
Peak Number 7 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	2.78 ng	182430	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tetracosane	338	C24H50	000646-31-1	90





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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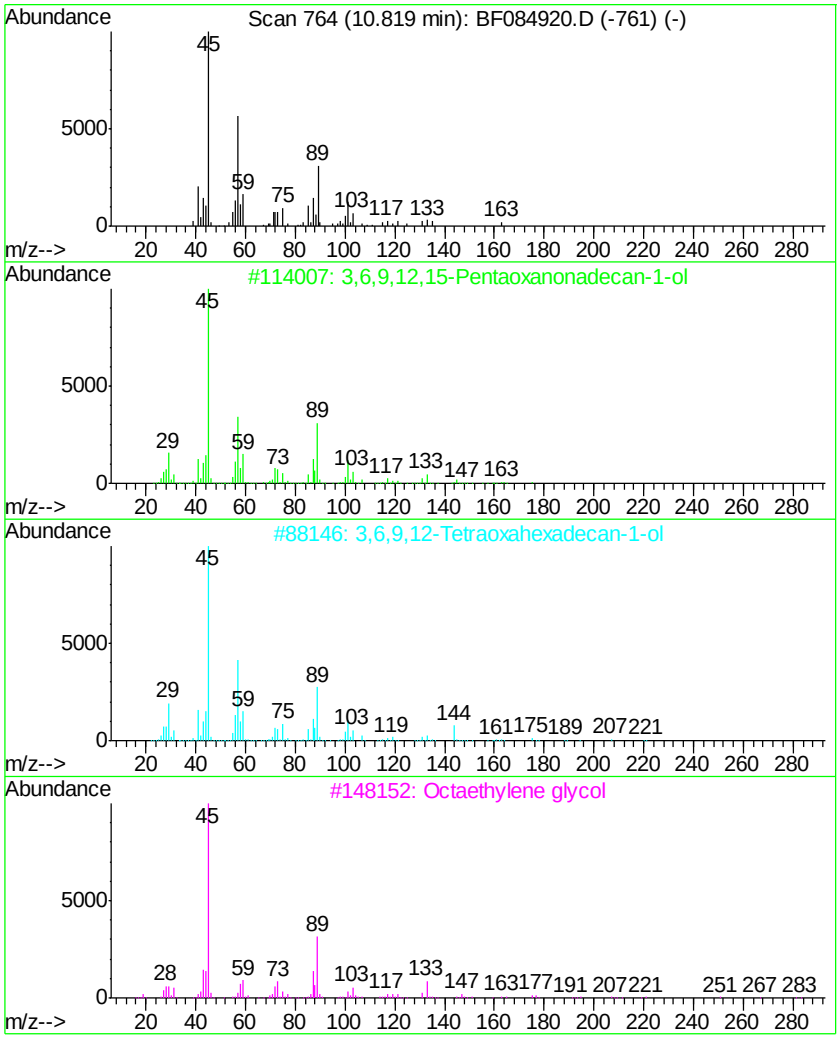
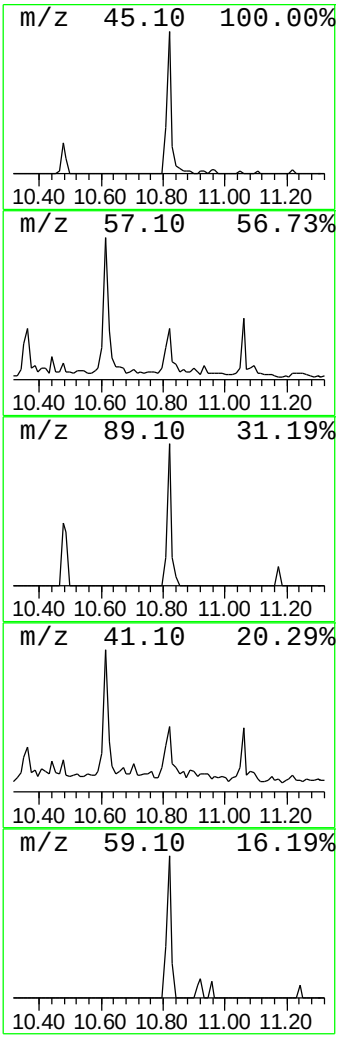
Peak Number 8 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.03 ng	133273	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	87
2	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	87
3	Octaethylene glycol	370	C16H34O9	1000289-34-2	72
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	64
5	Hexagol	282	C12H26O7	002615-15-8	59





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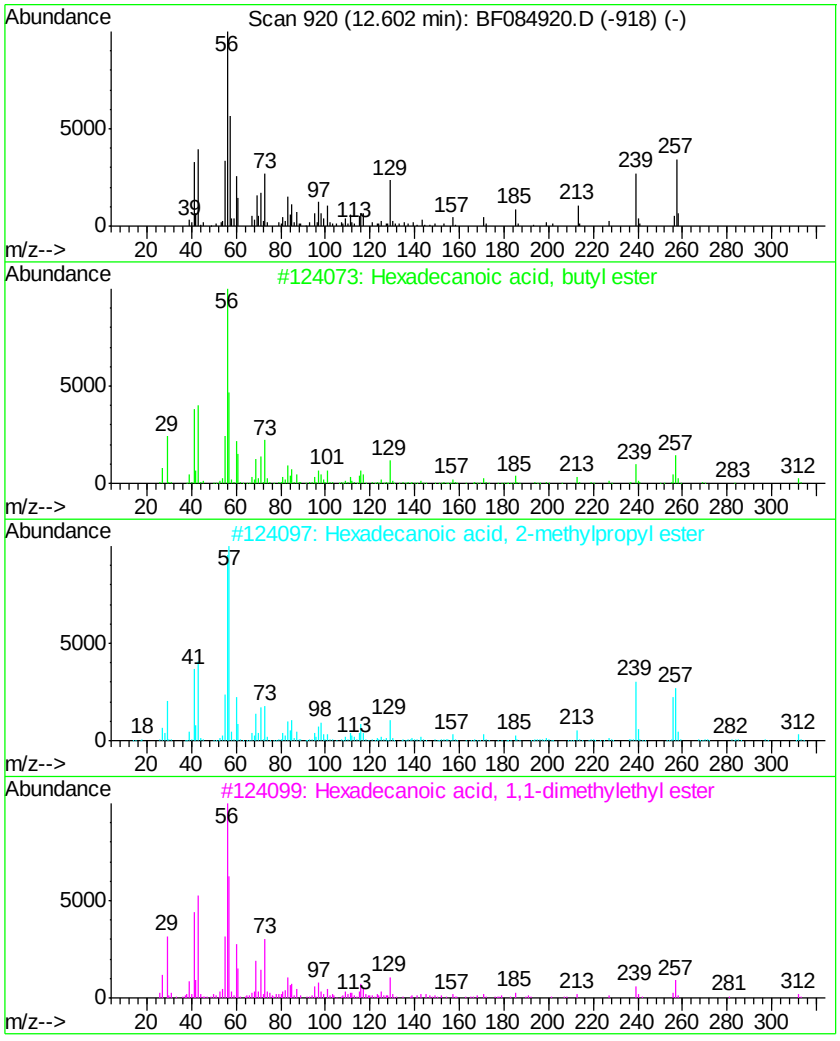
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

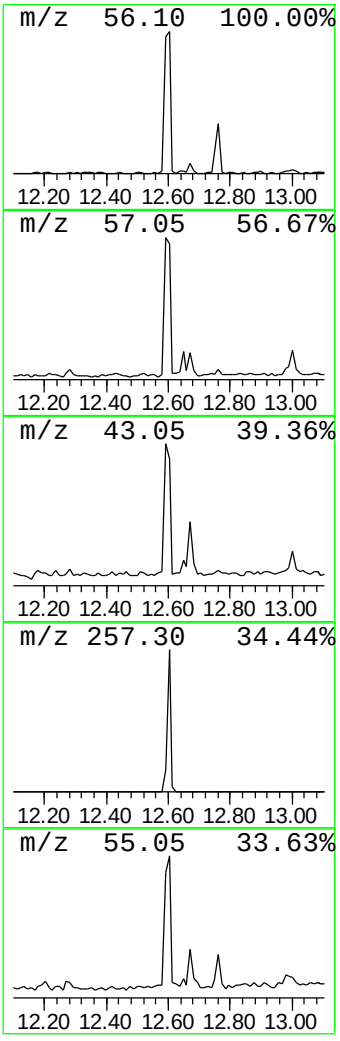
****

Peak Number 9 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	5.89 ng	284520	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	68
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	68
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
4	Nipecotic acid	129	C6H11NO2	000498-95-3	47
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	25





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Instrument : BNA_F
ClientSampleId : OUTFALL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

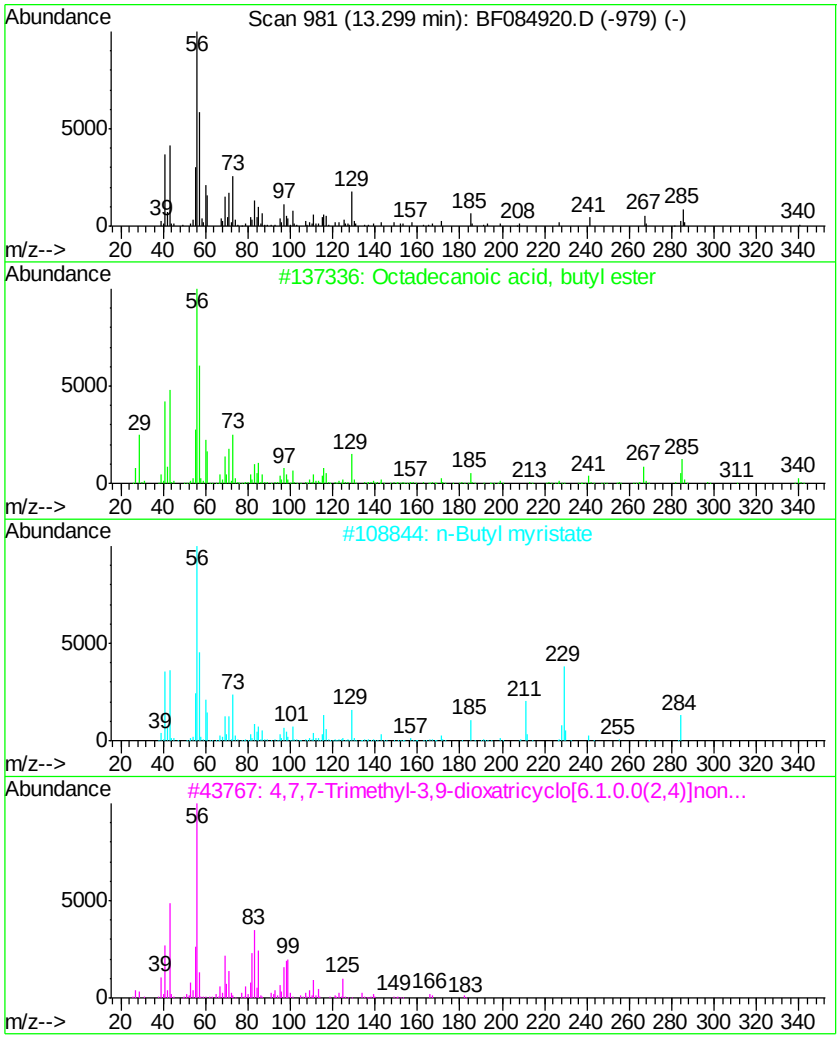
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

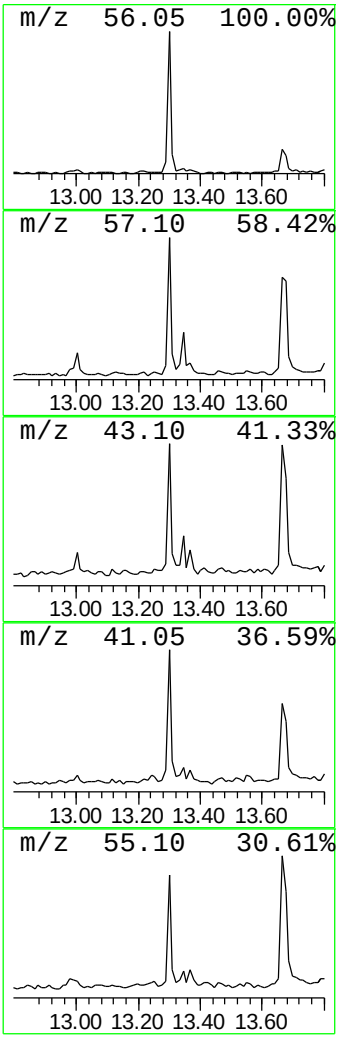
****

Peak Number 10 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.94 ng	190390	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	98
2	n-Butyl myristate	284	C18H36O2	000110-36-1	90
3	4,7,7-Trimethyl-3,9-dioxatricycl...	182	C10H14O3	1000187-22-5	43
4	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	43
5	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	38





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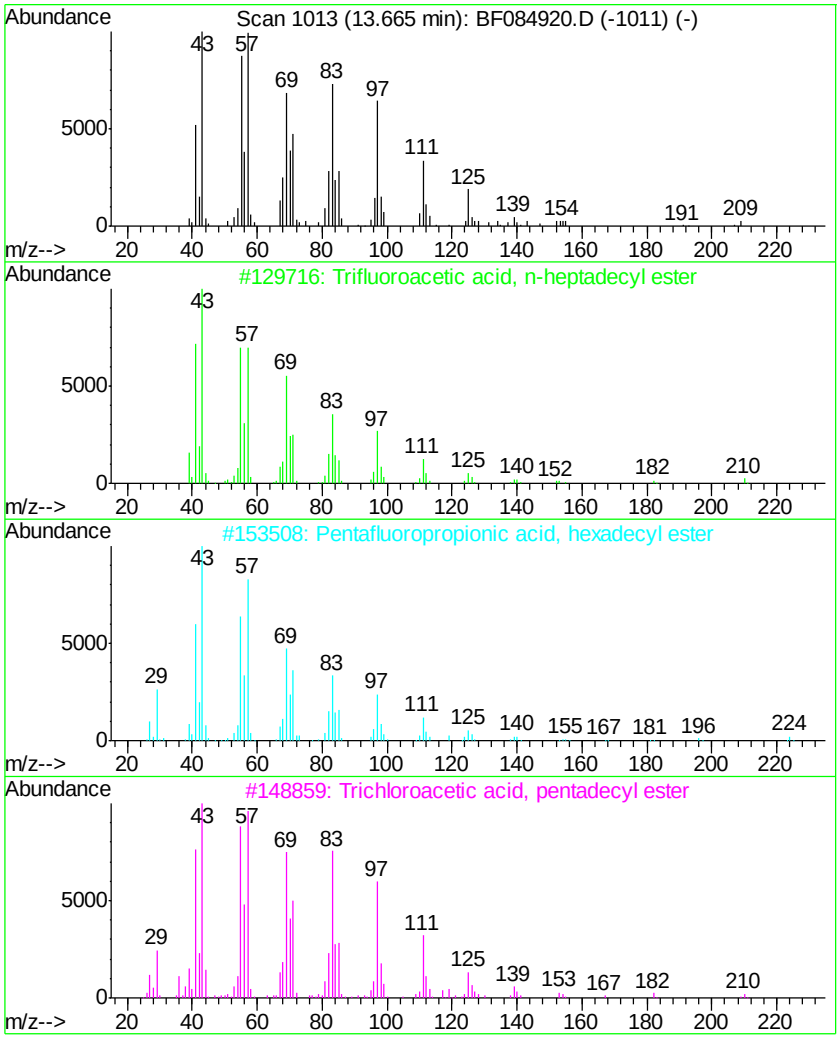
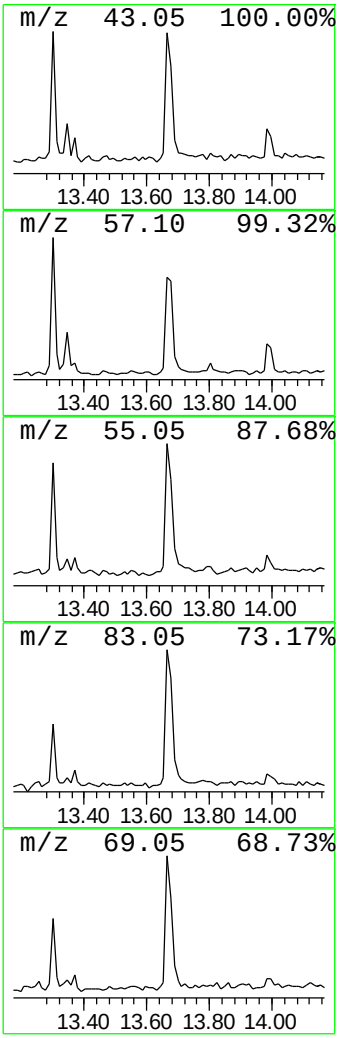
****

Peak Number 11 Trifluoroacetic acid, n-hep... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.44 ng	214550	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
Data File : BF084920.D
Acq On : 6 Feb 2016 19:07
Operator : SJ/IZ
Sample : H1348-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OUTFALL-001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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
3-Penten-2-one, 4...	4.09	5.6	ng	307574	1	6.66	1106680	20.0
2-Pentanone, 4-hy...	4.81	28.1	ng	1557170	1	6.66	1106680	20.0
2-Pentanone, 4-me...	5.65	3.2	ng	175001	1	6.66	1106680	20.0
unknown6.43	6.43	57.2	ng	3165060	1	6.66	1106680	20.0
Tetradecane	10.14	2.2	ng	168440	3	9.70	1504190	20.0
Eicosane	10.61	2.8	ng	182430	4	11.17	1314030	20.0
3,6,9,12,15-Penta...	10.82	2.0	ng	133273	4	11.17	1314030	20.0
Hexadecanoic acid...	12.60	5.9	ng	284520	5	13.80	965563	20.0
Octadecanoic acid...	13.30	3.9	ng	190390	5	13.80	965563	20.0
Trifluoroacetic a...	13.67	4.4	ng	214550	5	13.80	965563	20.0