LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106725.D
Acq On : 22 Jun 2018 22:48
Operator : JU/SJ
Sample : J3622-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	5.213	485	489	498	rBB	99864	147658	8.62%	1.047%
2	5.607	551	556	559	rBV	1367921	1409817	82.29%	9.995%
3	6.607	720	726	729	rBV	1242429	1479406	86.35%	10.488%
4	6.743	743	749	752	rBV	1324971	1454705	84.91%	10.313%
5	6.960	782	786	789	rBV	442146	343514	20.05%	2.435%
6	7.119	808	813	816	rBV	1264093	1191365	69.54%	8.446%
7	7.525	876	882	885	rBV	884499	1009749	58.94%	7.159%
8	8.242	1000	1004	1007	rBV	499107	419337	24.48%	2.973%
9	9.319	1181	1187	1190	rBV	1664006	1713293	100.00%	12.146%
10	9.707	1249	1253	1258	rBV	261820	220786	12.89%	1.565%
11	9.907	1284	1287	1292	rBV2	30134	27797	1.62%	0.197%
12	10.001	1299	1303	1307	rBV	529011	451837	26.37%	3.203%
13	10.407	1366	1372	1375	rVB2	45138	46948	2.74%	0.333%
14	10.631	1405	1410	1413	rBV	17003	22590	1.32%	0.160%
15	10.795	1433	1438	1441	rBV	1049439	1008770	58.88%	7.152%
16	10.883	1450	1453	1458	rBV	48913	53310	3.11%	0.378%
17	11.489	1553	1556	1560	rBV	461934	427276	24.94%	3.029%
18	12.942	1800	1803	1808	rVB	15402	20765	1.21%	0.147%
19	13.077	1821	1826	1830	rBV	1471454	1557375	90.90%	11.041%
20	13.954	1971	1975	1982	rBV	173780	172050	10.04%	1.220%
21	14.142	2003	2007	2010	rBV	503167	445777	26.02%	3.160%
22	14.601	2081	2085	2089	rBV4	34367	47548	2.78%	0.337%
23	15.266	2195	2198	2202	rVB	15795	17477	1.02%	0.124%
24	15.677	2263	2268	2273	rBV	299005	377521	22.03%	2.676%
25	16.124	2341	2344	2348	rVB3	12538	17198	1.00%	0.122%
26	16.189	2351	2355	2360	rVB5	12195	21374	1.25%	0.152%

Sum of corrected areas: 14105243

LSC Report - Integrated Chromatogram

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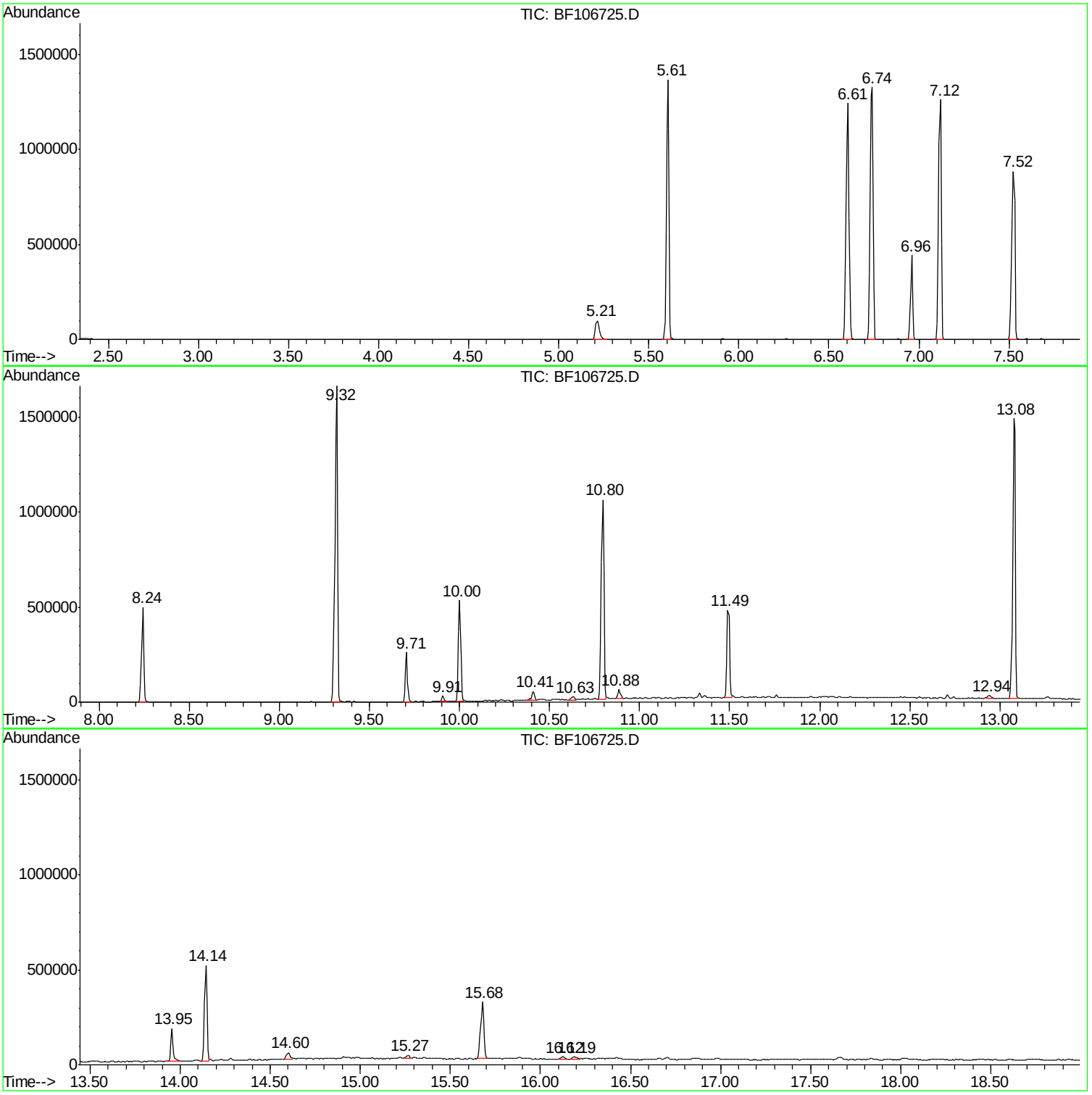
Sample : J3622-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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

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Data File : BF106725.D
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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

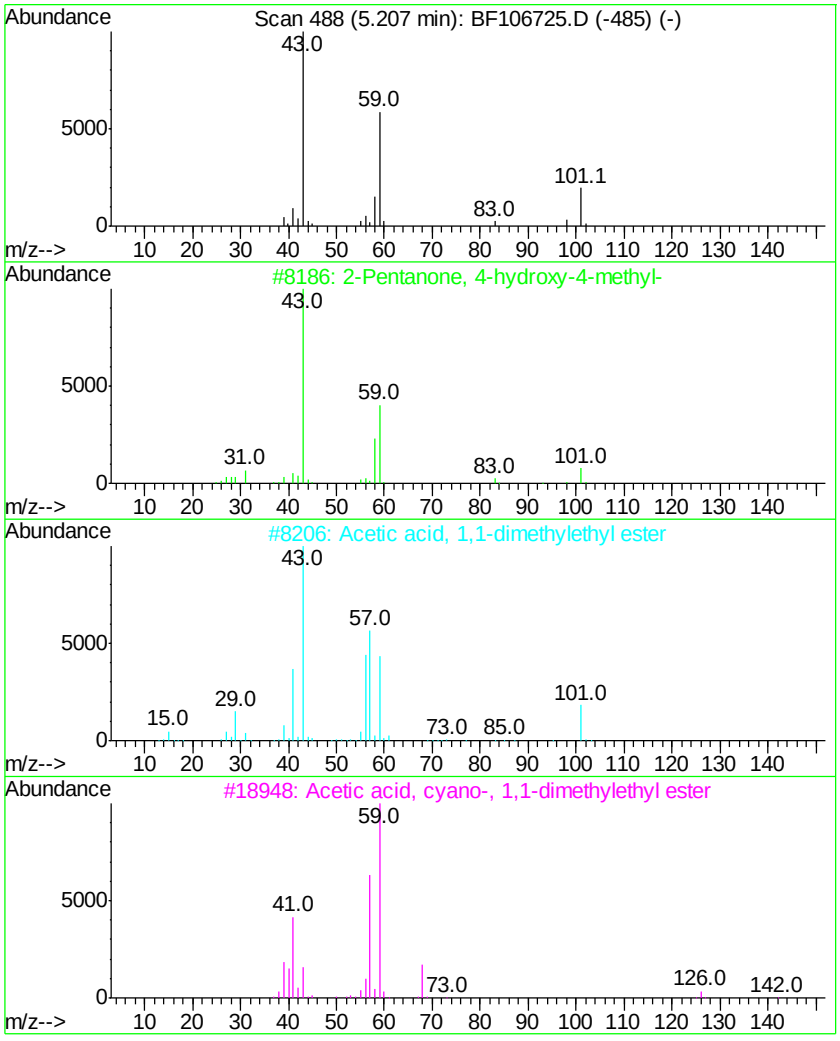
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

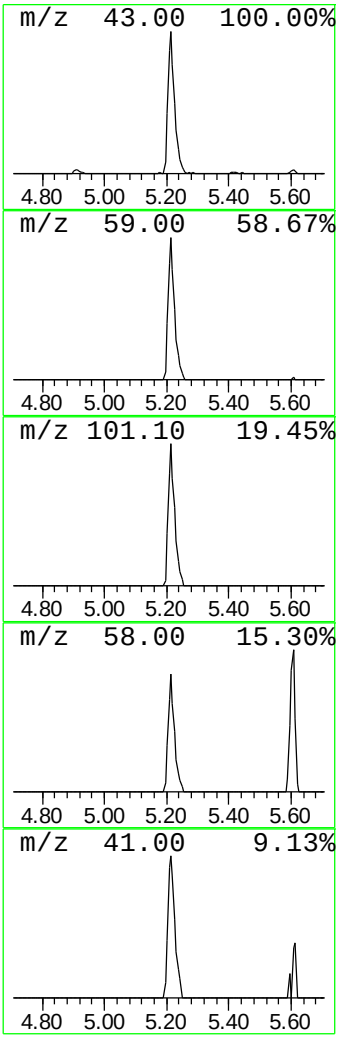
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	8.60 ng	147658	1,4-Dichlorobenzene-d4	6.96

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	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Operator : JU/SJ
Sample : J3622-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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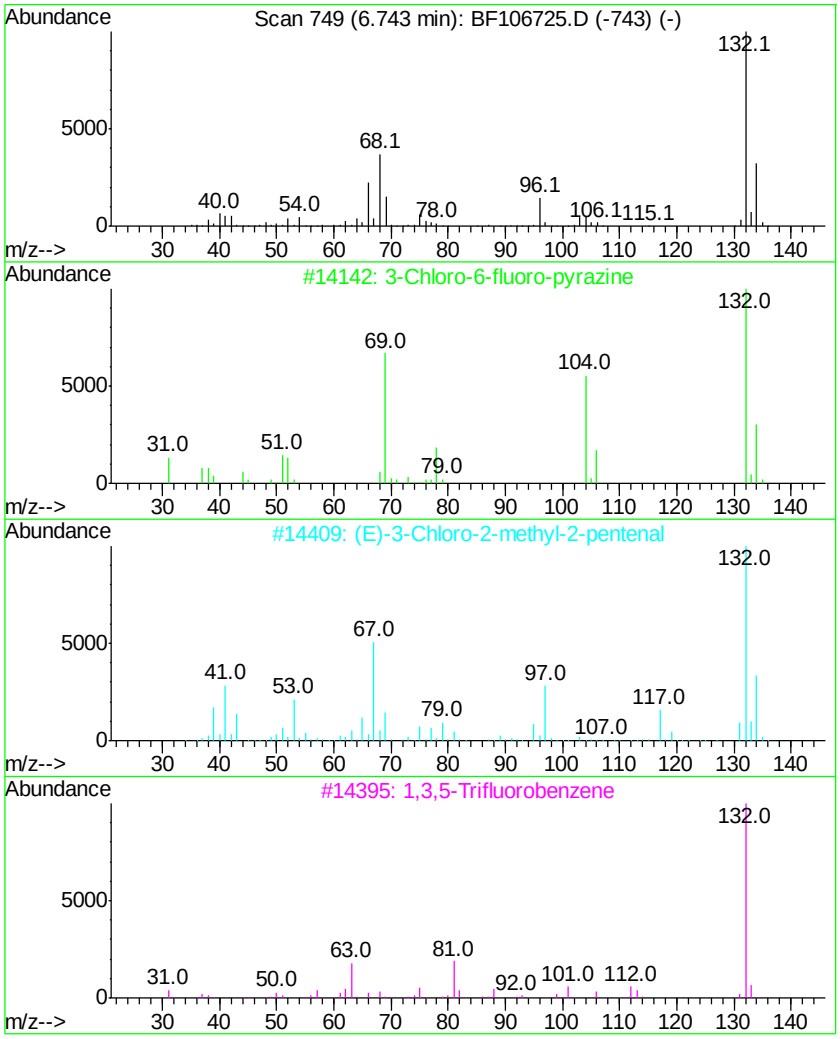
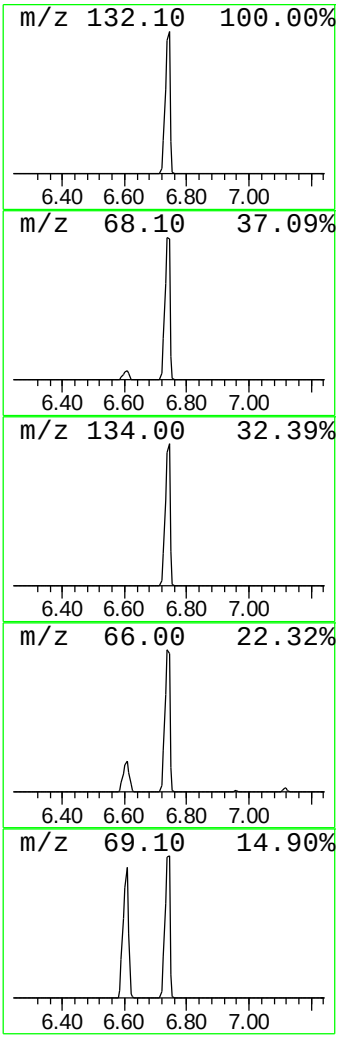
Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	84.70 ng	1454710	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Operator : JU/SJ
Sample : J3622-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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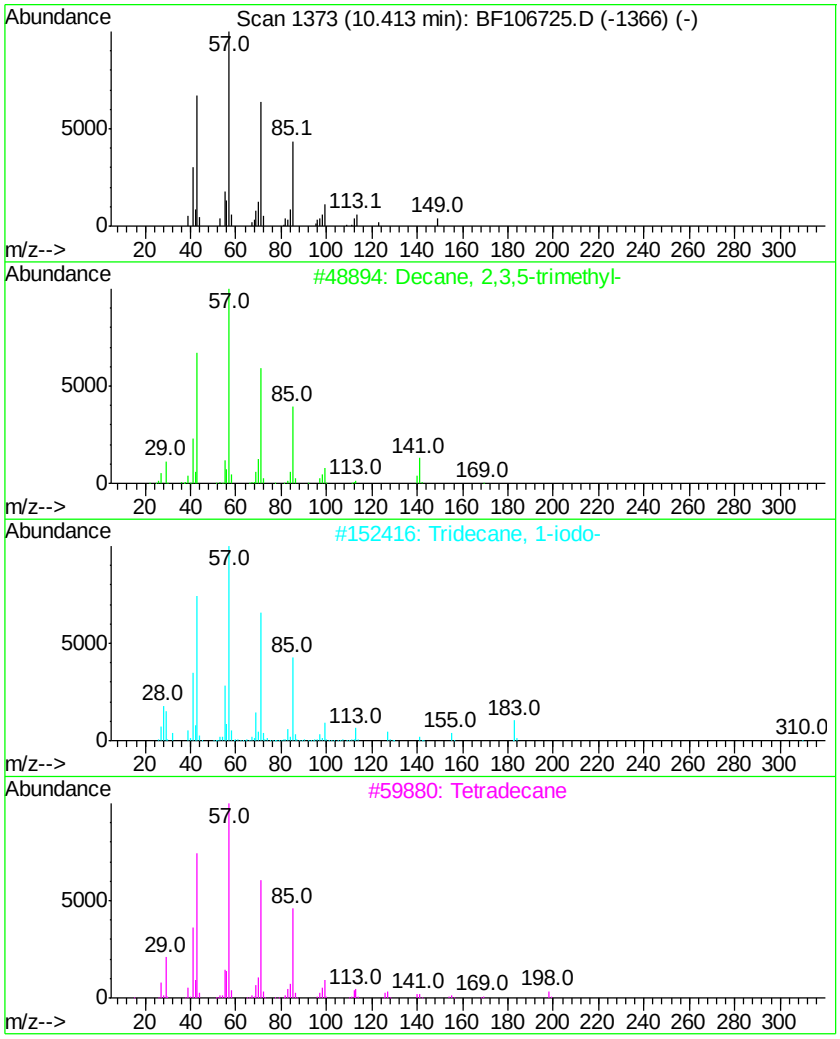
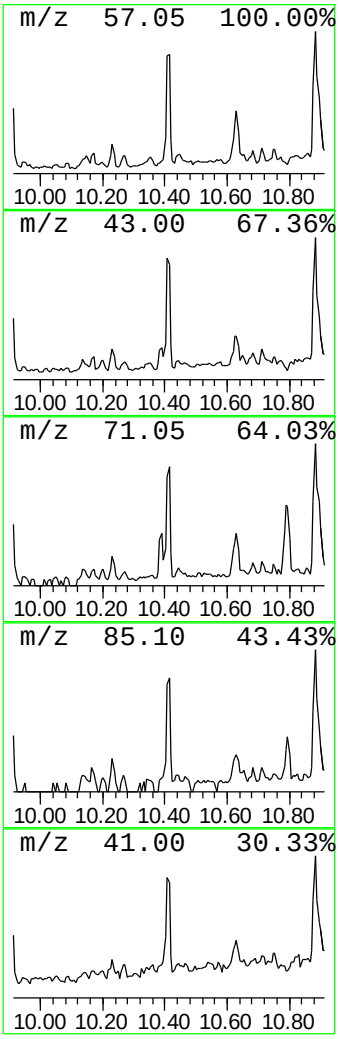
Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	2.08 ng	46948	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
3	Tetradecane	198	C14H30	000629-59-4	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	72





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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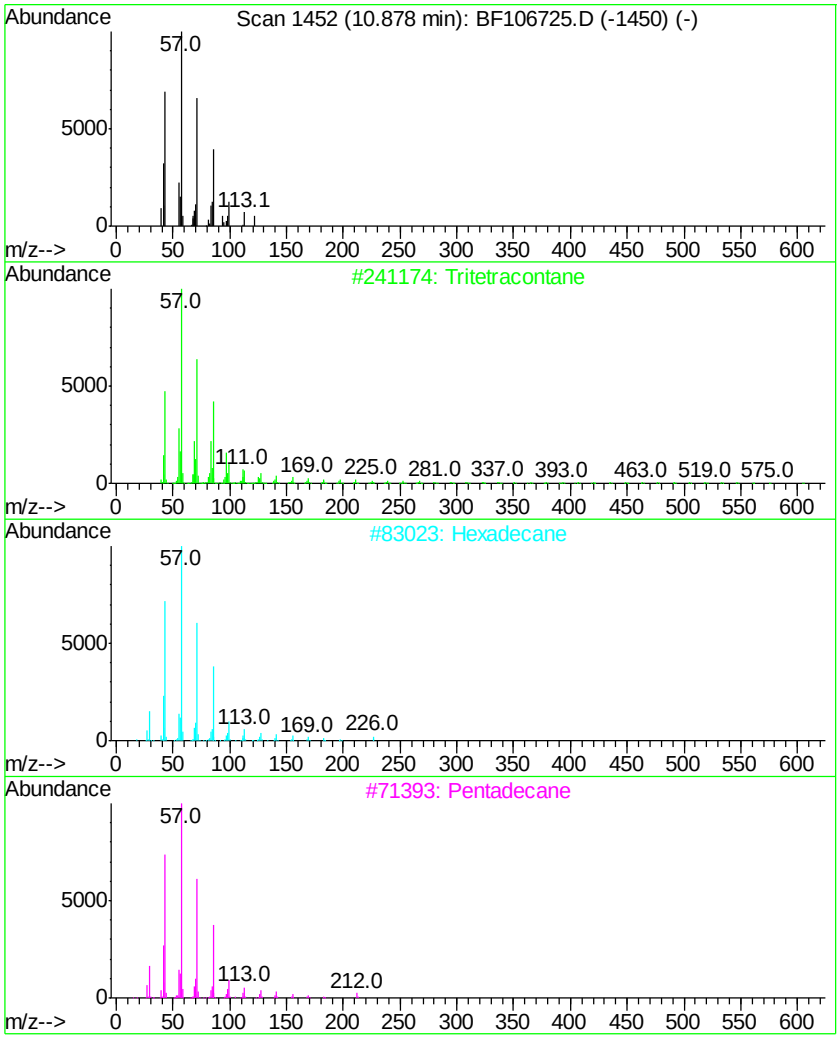
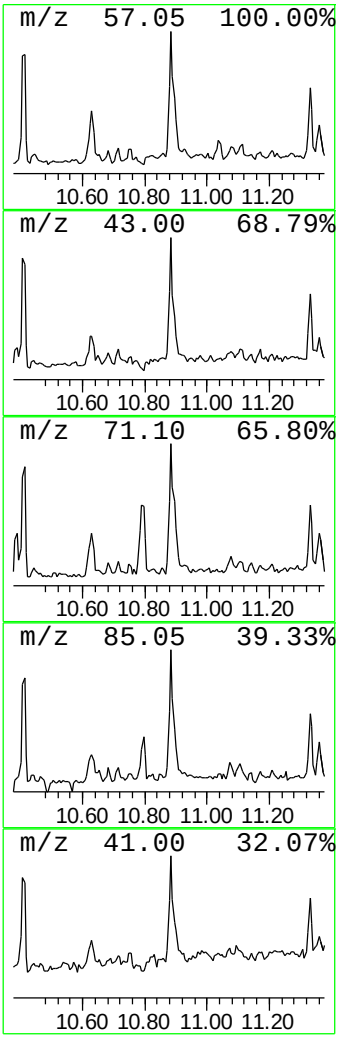
Peak Number 5 Tritetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.50 ng	53310	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Library Search Compound Report

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ClientSampleId : SP-B

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

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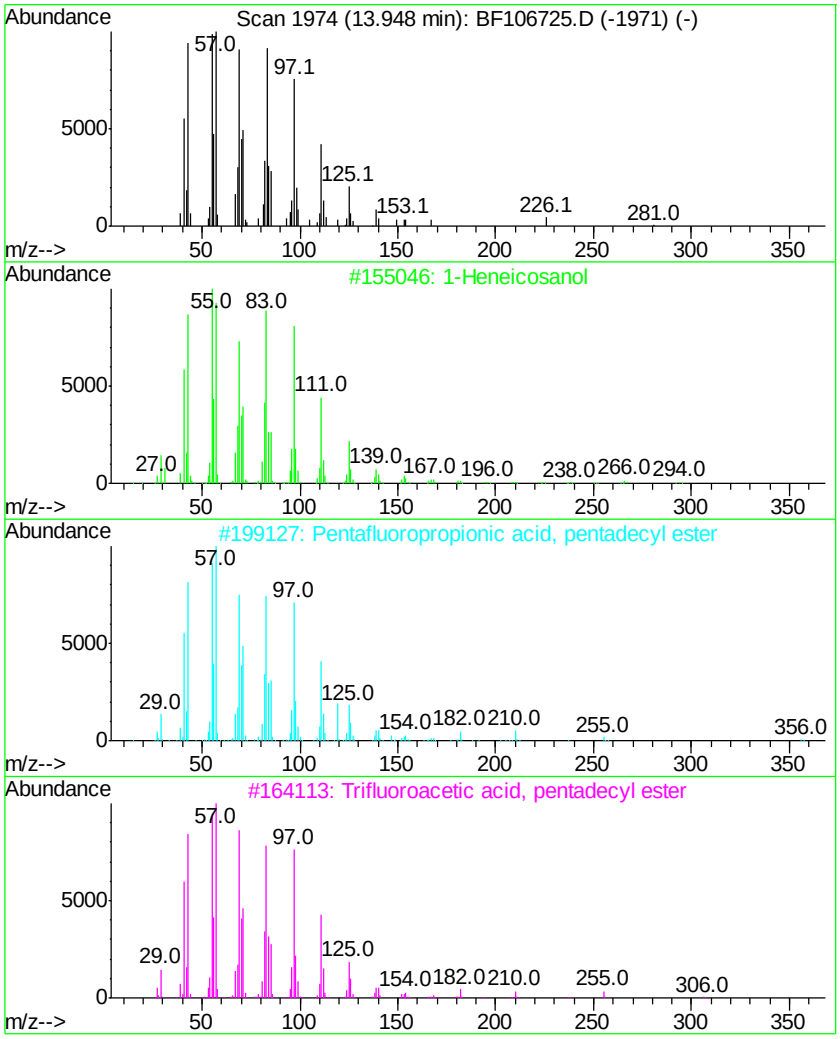
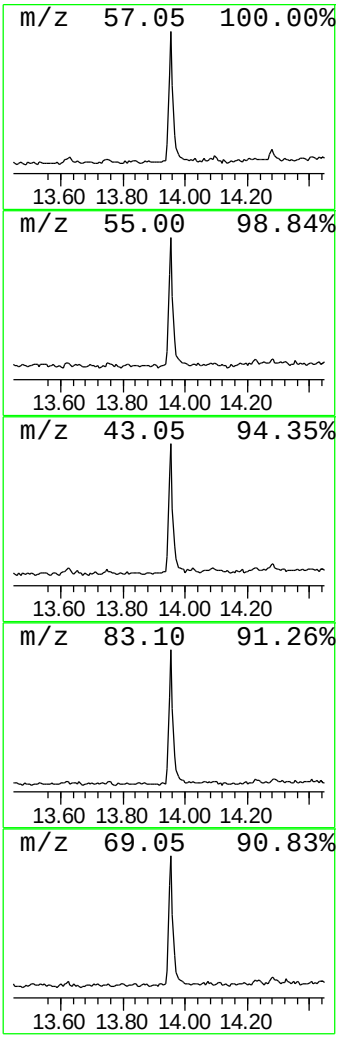
Peak Number 6 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	7.72 ng	172050	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





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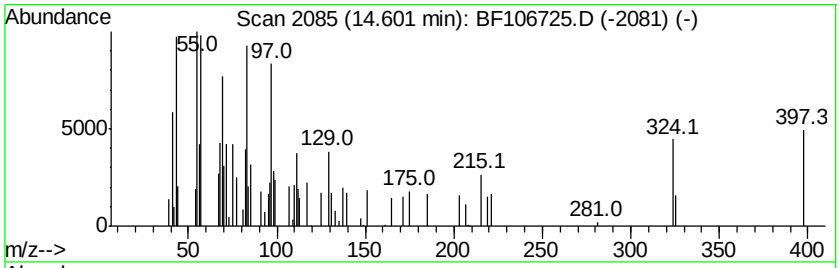
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

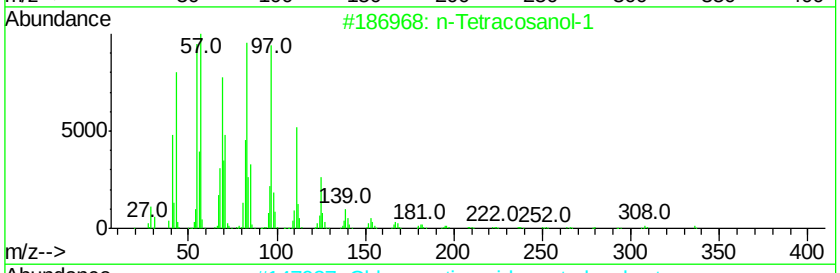
****

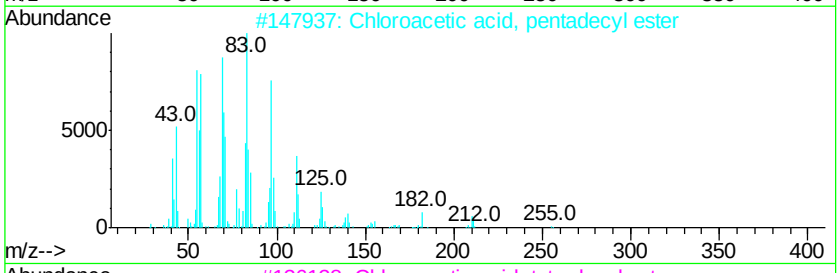
Peak Number 7 n-Tetracosanol-1 Concentration Rank 6

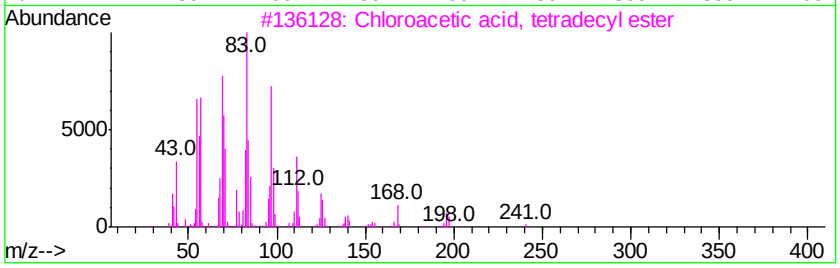
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.13 ng	47548	Chrysene-d12	14.14

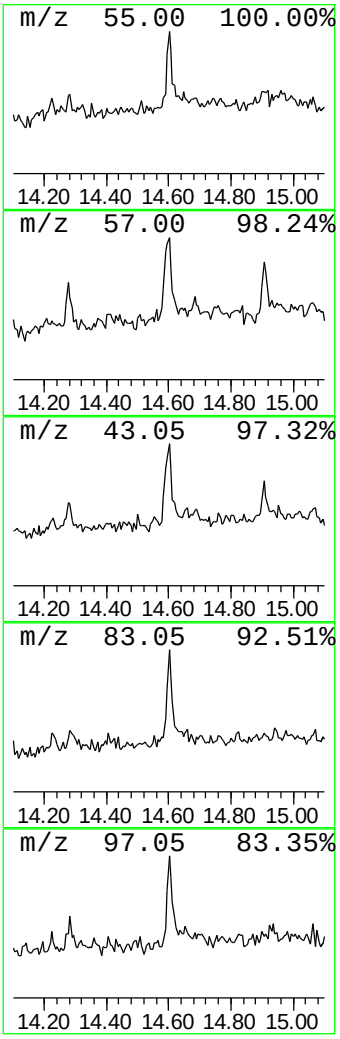
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	55
2	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	49
3	Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	49
4	1-Heneicosanol	312	C21H44O	015594-90-8	49
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	49











Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	5.21	8.6	ng	147658	1	6.96	343514	20.0
unknown6.74	6.74	84.7	ng	1454710	1	6.96	343514	20.0
Decane, 2,3,5-tri...	10.41	2.1	ng	46948	3	10.00	451837	20.0
Tritetracontane	10.88	2.5	ng	53310	4	11.49	427276	20.0
1-Heneicosanol	13.95	7.7	ng	172050	5	14.14	445777	20.0
n-Tetracosanol-1	14.60	2.1	ng	47548	5	14.14	445777	20.0