LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101827.D
Acq On : 29 Dec 2017 14:21
Operator : SJ/JU
Sample : I7023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-1

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-BF121417.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	2.428	54	58	73	rVB2	34639	83441	1.81%	0.226%
2	5.022	495	499	516	rBV	198667	409923	8.89%	1.110%
3	5.416	562	566	595	rBV	3191867	4575802	99.25%	12.392%
4	6.440	735	740	756	rBV	3456351	4610213	100.00%	12.485%
5	6.563	756	761	778	rVB	3724732	4170620	90.46%	11.295%
6	6.781	795	798	807	rBV	951765	964904	20.93%	2.613%
7	6.939	821	825	851	rVB	3227985	3371825	73.14%	9.131%
8	7.357	892	896	917	rBV	2457812	2912014	63.16%	7.886%
9	8.063	1013	1016	1037	rBV	1099558	1245321	27.01%	3.373%
10	9.139	1195	1199	1202	rBV	4165316	4031339	87.44%	10.918%
11	9.204	1207	1210	1214	rVB	106187	88311	1.92%	0.239%
12	9.533	1259	1266	1272	rBV	308210	383973	8.33%	1.040%
13	9.733	1296	1300	1304	rBV	232325	174913	3.79%	0.474%
14	9.822	1311	1315	1321	rBV	1256923	1177241	25.54%	3.188%
15	10.233	1382	1385	1388	rVB	235514	176123	3.82%	0.477%
16	10.451	1417	1422	1424	rBV	56882	66544	1.44%	0.180%
17	10.622	1447	1451	1462	rBV	2003958	2211086	47.96%	5.988%
18	10.704	1462	1465	1474	rVB	177335	181020	3.93%	0.490%
19	11.316	1565	1569	1579	rBV	1075383	1051348	22.80%	2.847%
20	11.827	1653	1656	1660	rBV	54554	67071	1.45%	0.182%
21	12.692	1800	1803	1809	rBV	59029	54263	1.18%	0.147%
22	12.898	1833	1838	1841	rBV	2688682	2784826	60.41%	7.542%
23	13.774	1983	1987	1992	rBV2	122851	159349	3.46%	0.432%
24	13.968	2016	2020	2029	rBV	820821	855768	18.56%	2.318%
25	14.686	2138	2142	2148	rBV	277049	313470	6.80%	0.849%
26	15.439	2265	2270	2279	rBV	585469	804519	17.45%	2.179%

Sum of corrected areas: 36925227

LSC Report - Integrated Chromatogram

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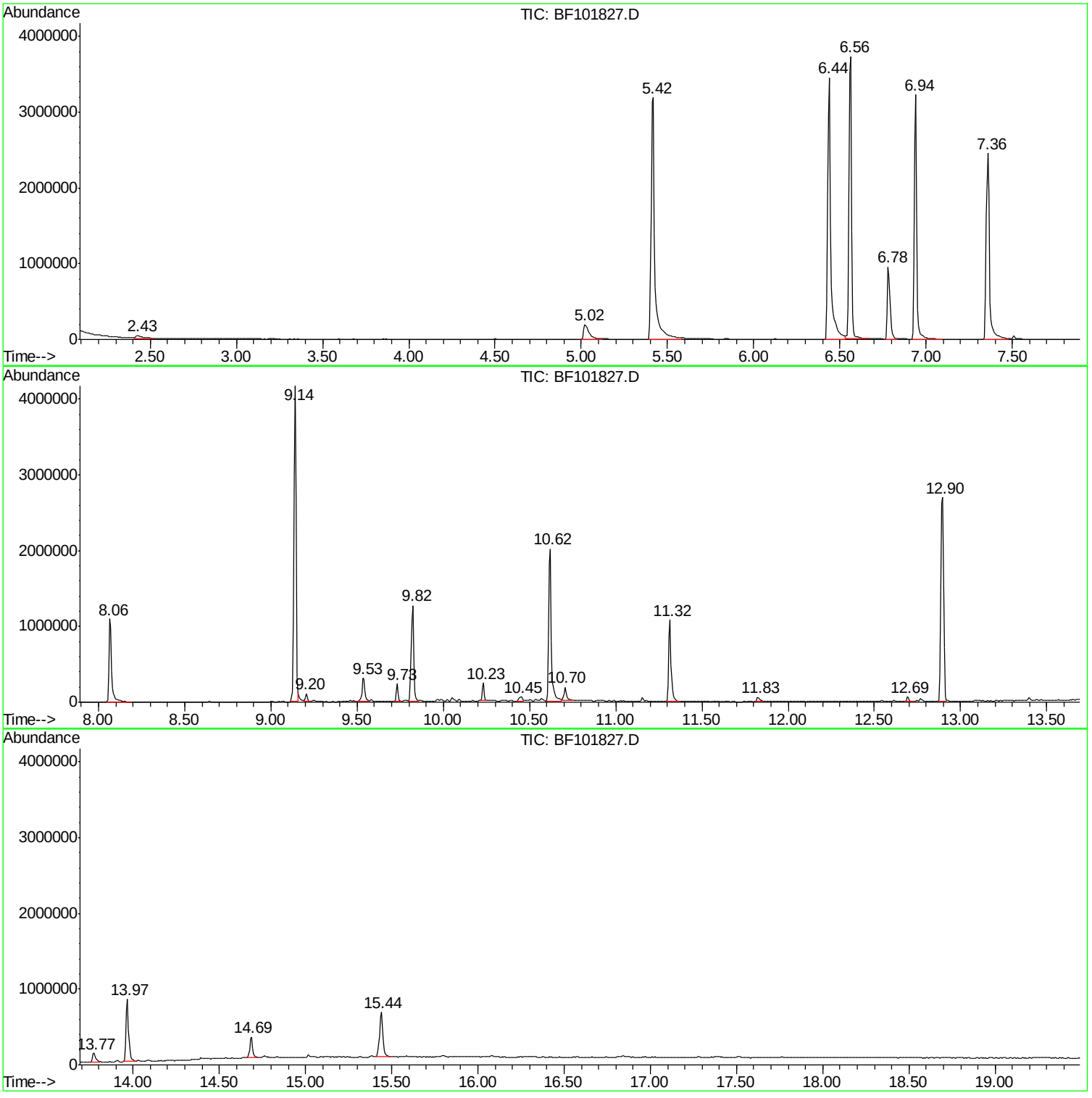
Instrument : BNA_F
ClientSampleId : LB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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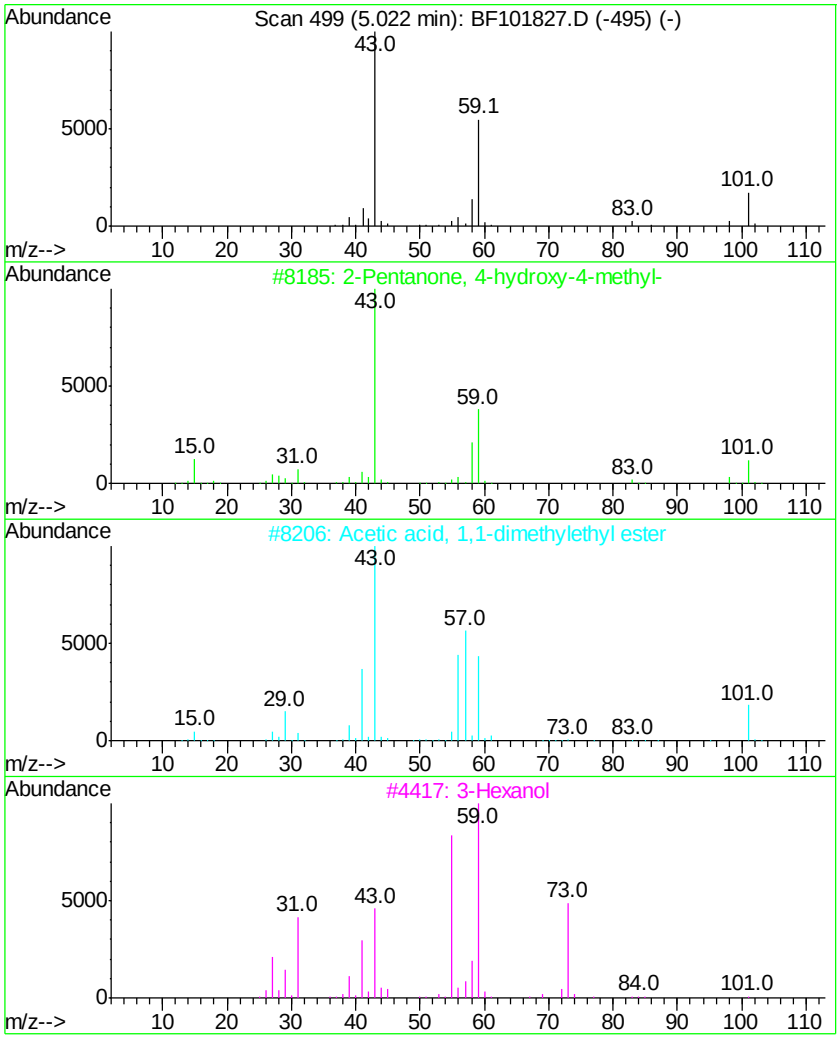
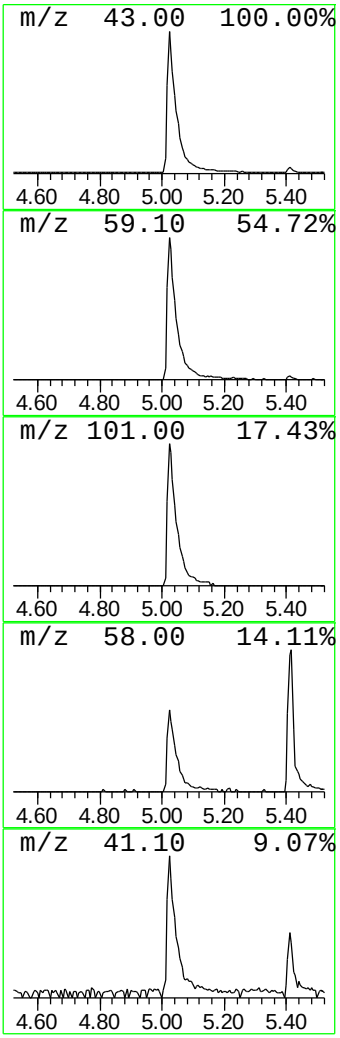
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	8.50 ng	409923	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	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





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Instrument : BNA_F
ClientSampleId : LB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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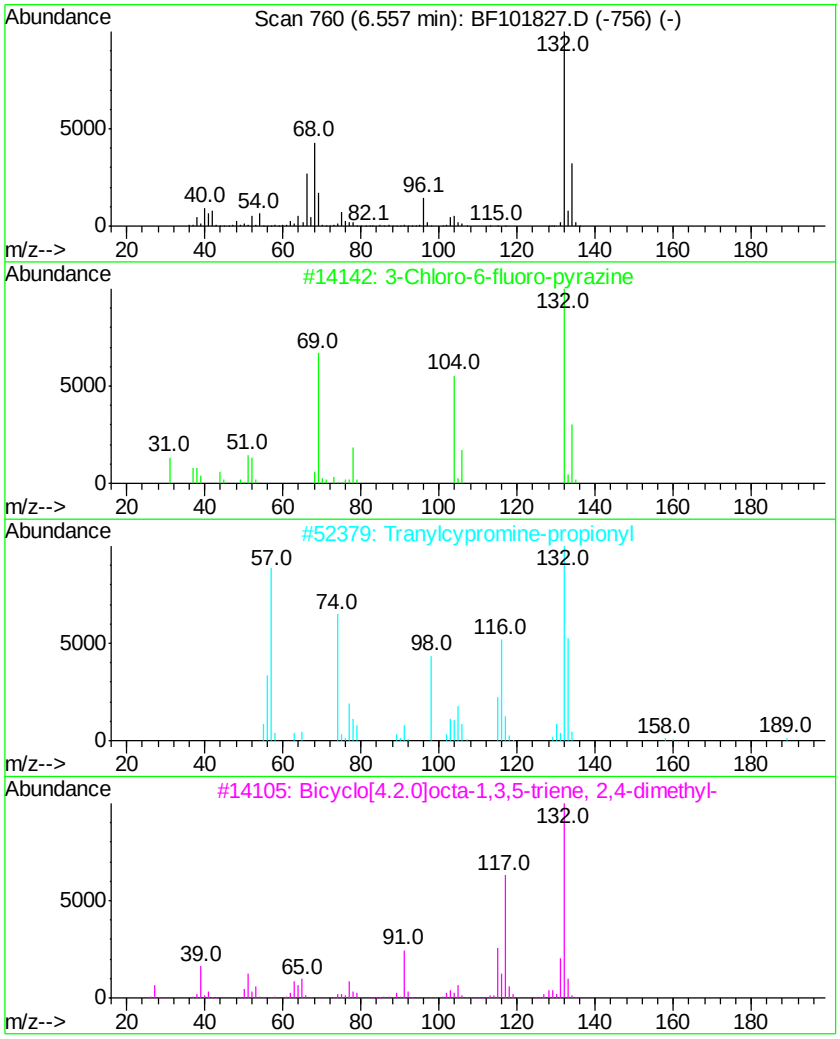
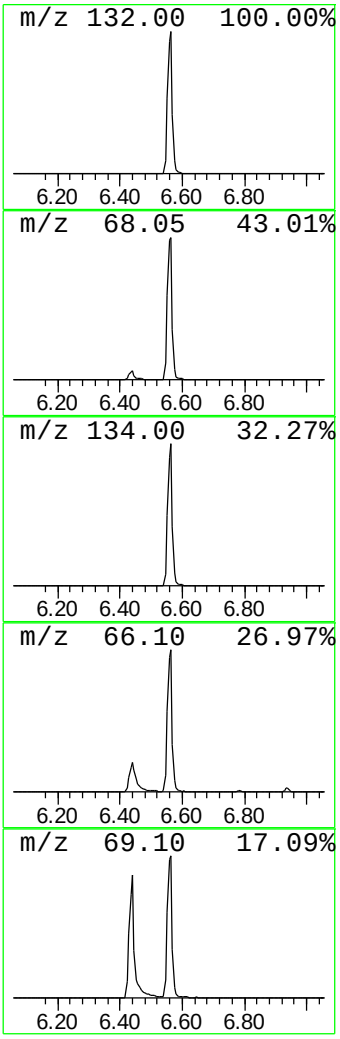
Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	86.45 ng	4170620	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Operator : SJ/JU
Sample : I7023-01
Misc :
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Instrument : BNA_F
ClientSampleId : LB-1

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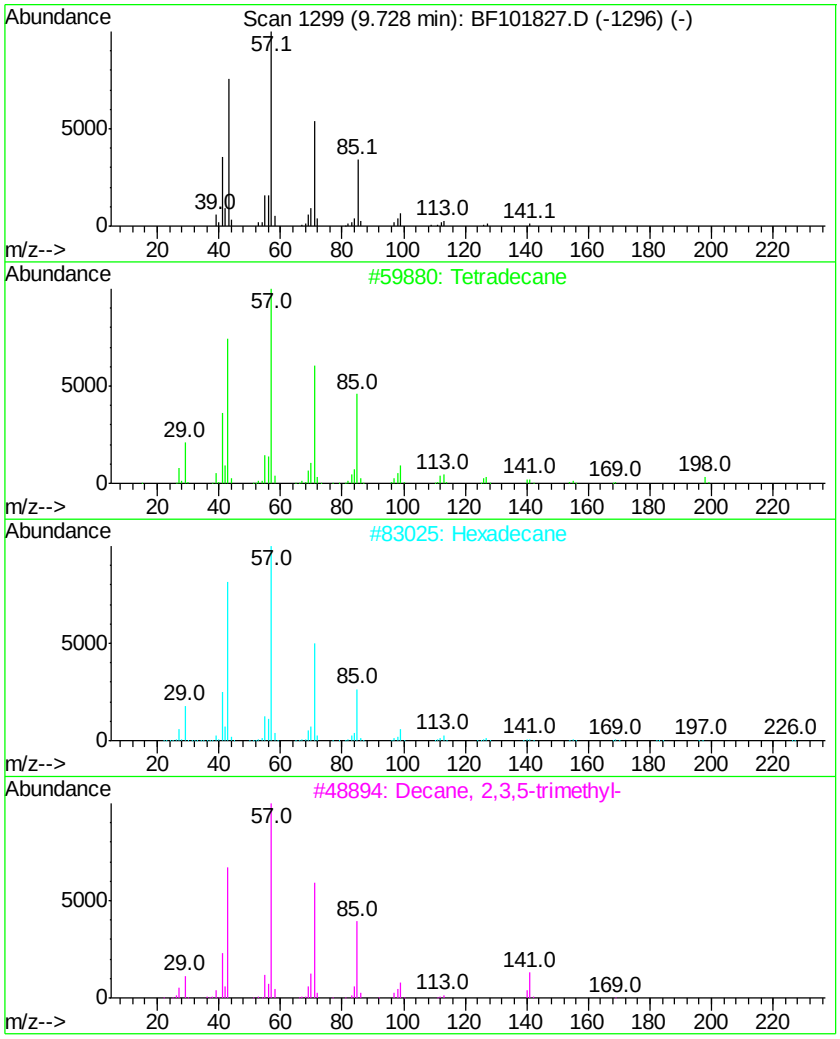
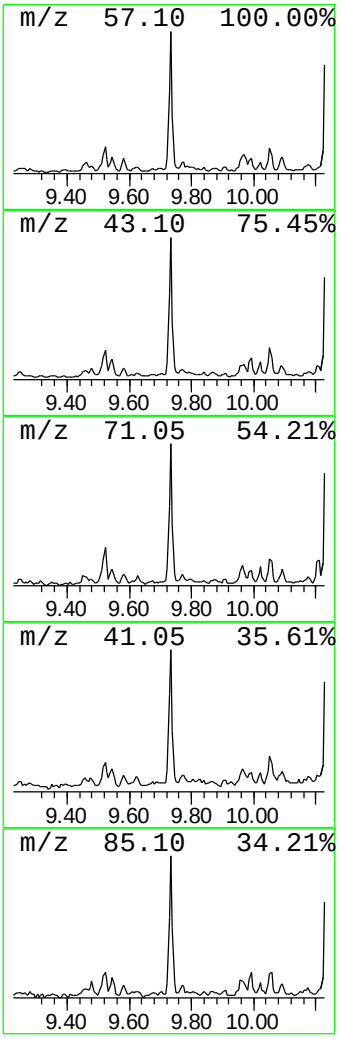
Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	2.97 ng	174913	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Undecane	156	C11H24	001120-21-4	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





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Instrument : BNA_F
ClientSampleId : LB-1

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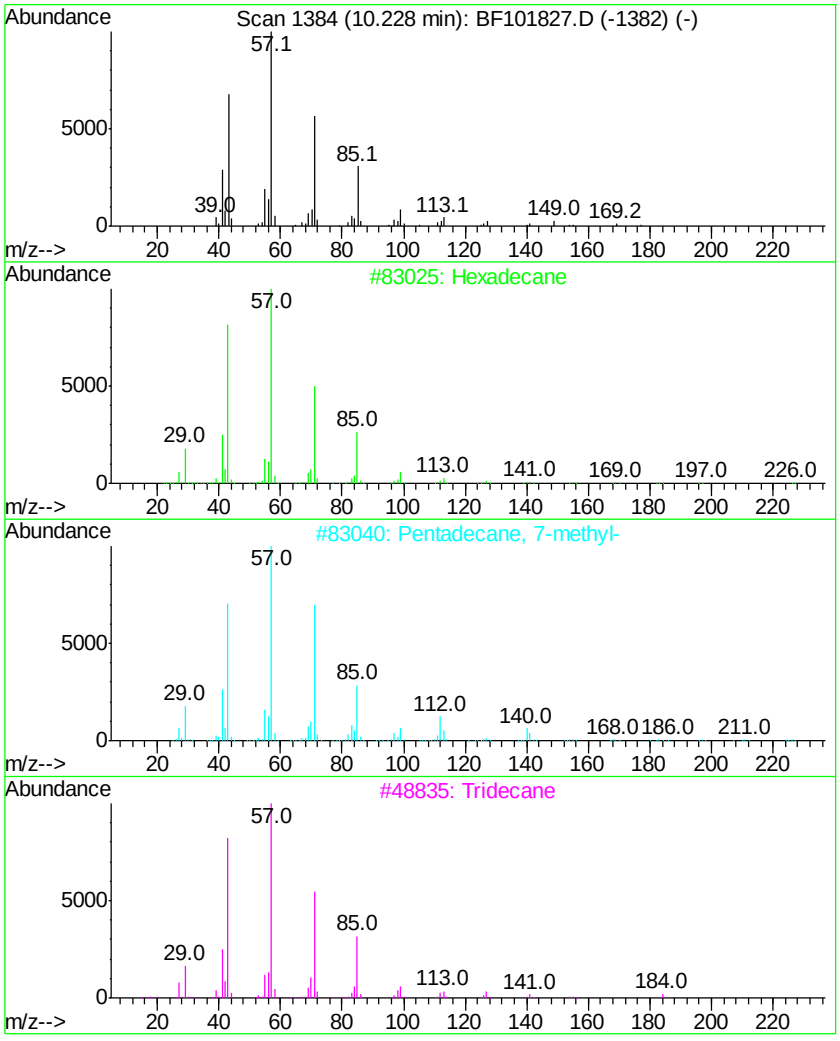
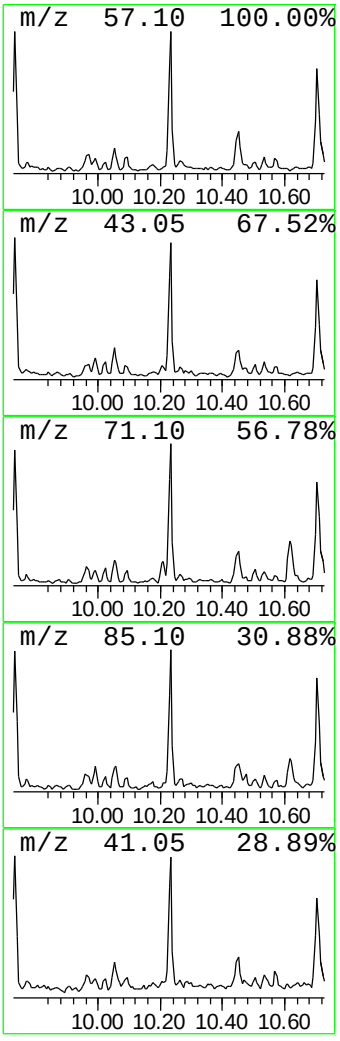
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	2.99 ng	176123	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
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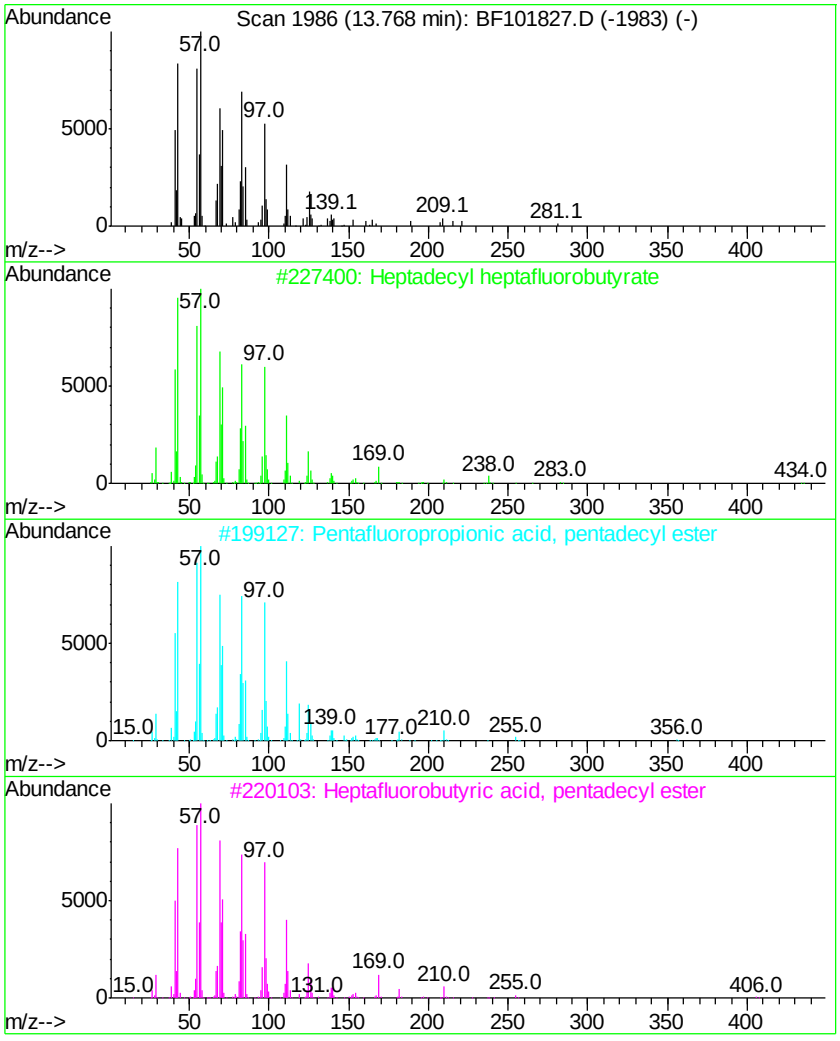
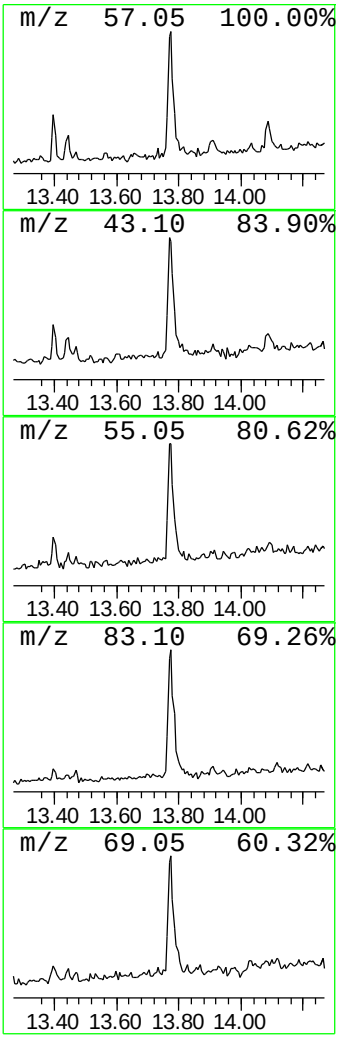
Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.72 ng	159349	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	95
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	95





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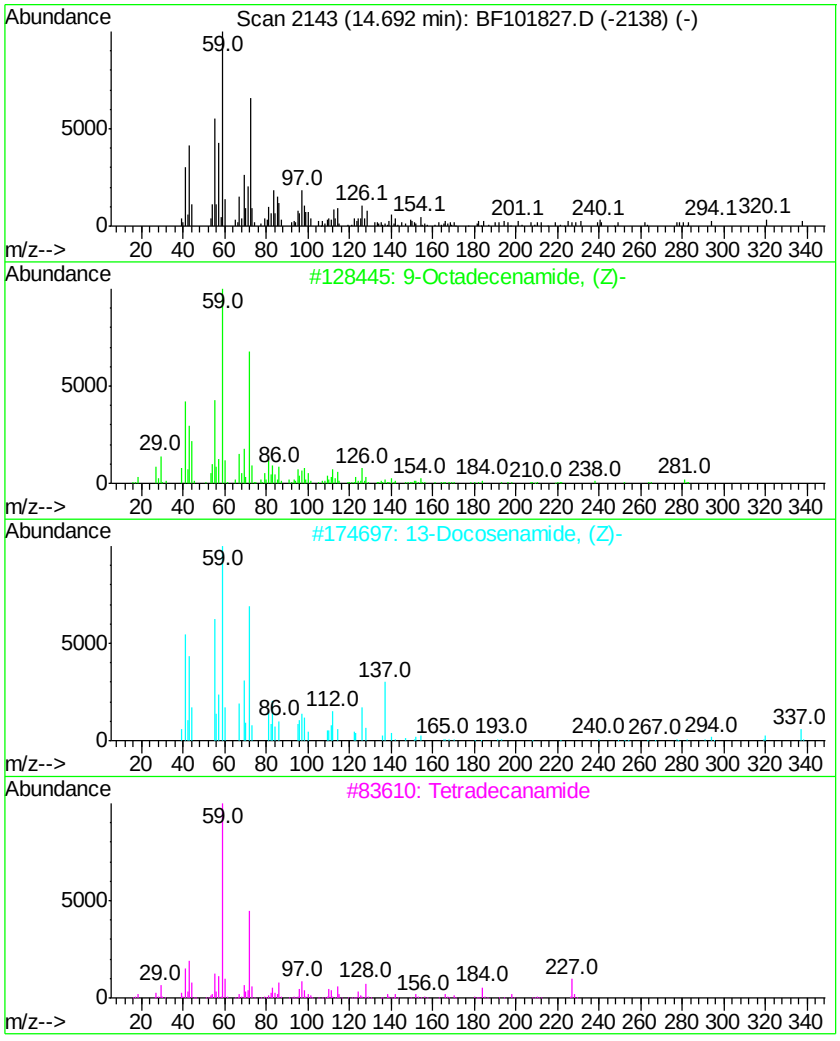
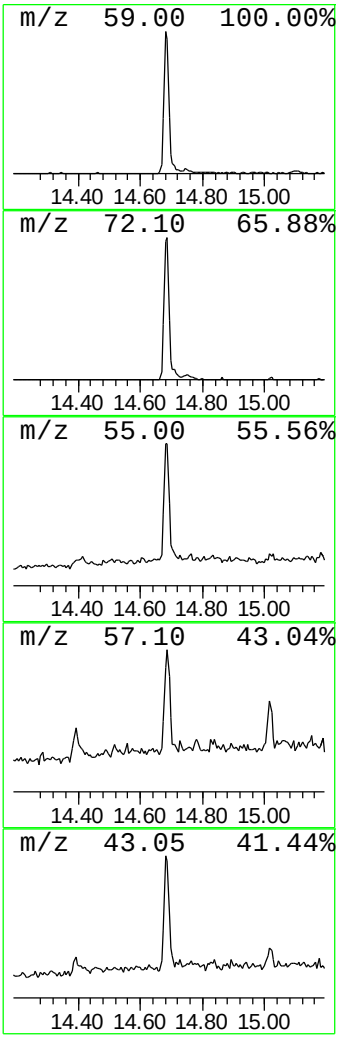
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	7.33 ng	313470	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
3	Tetradecanamide	227	C14H29NO	000638-58-4	78
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59
5	Octadecanamide	283	C18H37NO	000124-26-5	53





Tentatively Identified Compound (LSC) summary

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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...	5.02	8.5	ng	409923	1	6.78	964904	20.0
unknown6.56	6.56	86.5	ng	4170620	1	6.78	964904	20.0
Tetradecane	9.73	3.0	ng	174913	3	9.82	1177240	20.0
Hexadecane	10.23	3.0	ng	176123	3	9.82	1177240	20.0
Heptadecyl heptaf...	13.77	3.7	ng	159349	5	13.97	855768	20.0
9-Octadecenamide,...	14.69	7.3	ng	313470	5	13.97	855768	20.0