LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101522.D
Acq On : 19 Dec 2017 15:11
Operator : SJ/JU
Sample : I6908-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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	5.028	496	500	518	rBV	456937	670956	23.93%	2.618%
2	5.434	565	569	595	rBV	2352387	2701001	96.34%	10.538%
3	6.451	738	742	760	rBV	2419820	2744953	97.90%	10.709%
4	6.581	760	764	771	rVV	2713199	2556040	91.17%	9.972%
5	6.810	799	803	811	rBV	800982	771554	27.52%	3.010%
6	6.963	825	829	850	rVB	2272893	2094587	74.71%	8.172%
7	7.375	895	899	924	rBV	1624877	1739828	62.05%	6.788%
8	8.092	1017	1021	1034	rBV	931004	1004321	35.82%	3.918%
9	9.163	1199	1203	1213	rBV	3029518	2803712	100.00%	10.938%
10	9.563	1265	1271	1276	rBV	134584	147390	5.26%	0.575%
11	9.763	1302	1305	1309	rVB	77968	62378	2.22%	0.243%
12	9.845	1315	1319	1332	rVB	1125835	1057886	37.73%	4.127%
13	10.263	1387	1390	1393	rVB	107588	84463	3.01%	0.330%
14	10.480	1421	1427	1430	rBV	33123	42968	1.53%	0.168%
15	10.639	1451	1454	1467	rBV	1335127	1381141	49.26%	5.388%
16	10.733	1467	1470	1475	rVV	105612	107598	3.84%	0.420%
17	11.180	1544	1546	1549	rBV	55280	47884	1.71%	0.187%
18	11.339	1569	1573	1582	rBV	976336	988831	35.27%	3.858%
19	11.610	1616	1619	1621	rBV	45594	33645	1.20%	0.131%
20	11.851	1657	1660	1664	rBV3	29601	34637	1.24%	0.135%
21	12.921	1837	1842	1845	rBV	2081618	1961816	69.97%	7.654%
22	13.133	1872	1878	1881	rBV4	22511	41451	1.48%	0.162%
23	13.804	1988	1992	2004	rBV	225672	304632	10.87%	1.189%
24	13.986	2019	2023	2031	rBV	690872	704396	25.12%	2.748%
25	14.439	2095	2100	2106	rBV3	61793	106069	3.78%	0.414%
26	14.868	2171	2173	2179	rVB5	28936	38709	1.38%	0.151%
27	15.057	2201	2205	2208	rBV	133160	144352	5.15%	0.563%
28	15.457	2269	2273	2281	rBV	542658	760124	27.11%	2.966%
29	15.627	2299	2302	2307	rVB3	48596	60385	2.15%	0.236%
30	15.851	2335	2340	2345	rBV	136420	206568	7.37%	0.806%
31	15.909	2346	2350	2358	rVV3	57947	121460	4.33%	0.474%
32	16.633	2468	2473	2480	rVB4	56721	105881	3.78%	0.413%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101522.D
Acq On : 19 Dec 2017 15:11
Operator : SJ/JU
Sample : I6908-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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

Sum of corrected areas: 25631616

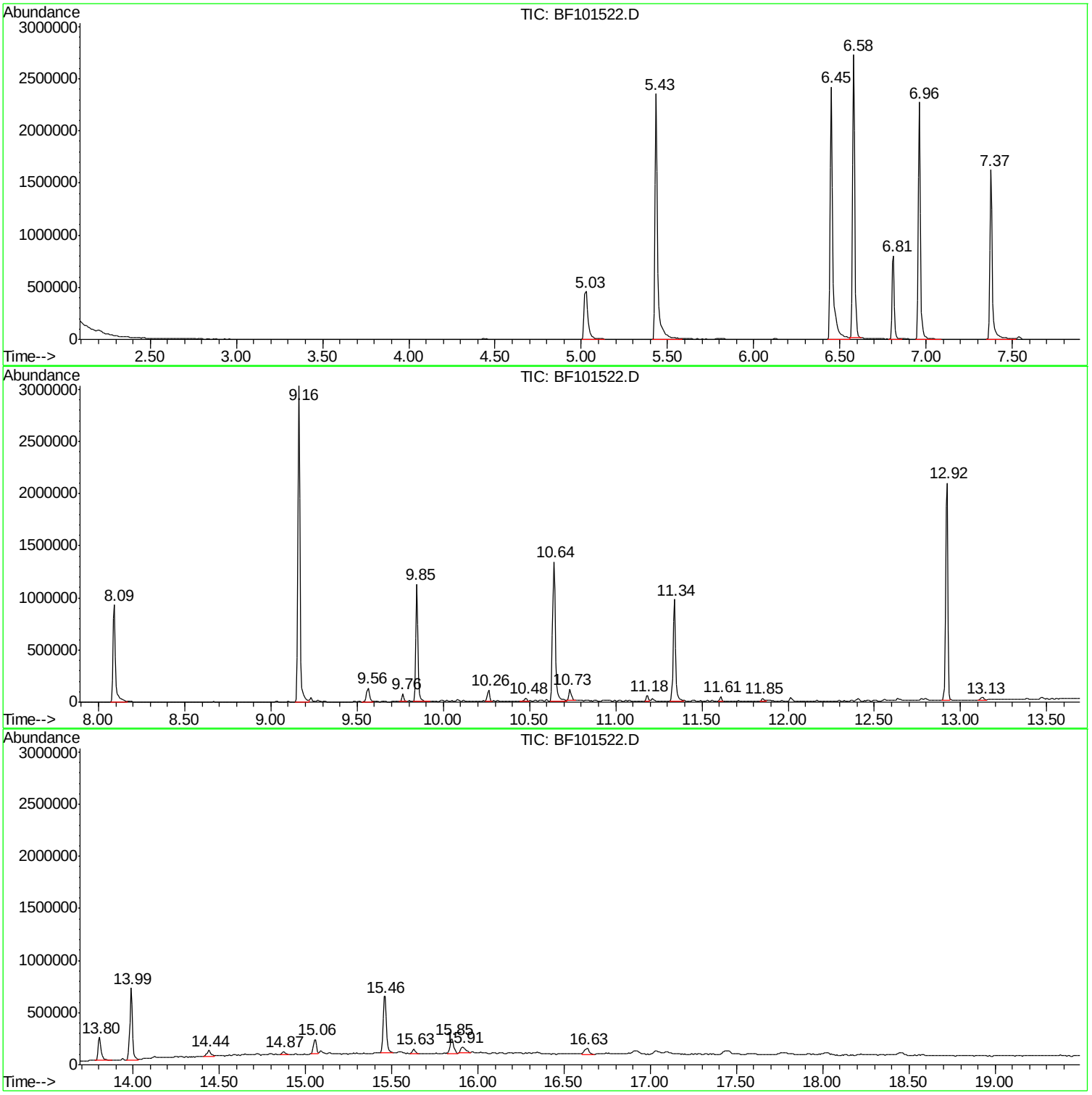
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101522.D
Acq On : 19 Dec 2017 15:11
Operator : SJ/JU
Sample : I6908-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101522.D
Acq On : 19 Dec 2017 15:11
Operator : SJ/JU
Sample : I6908-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

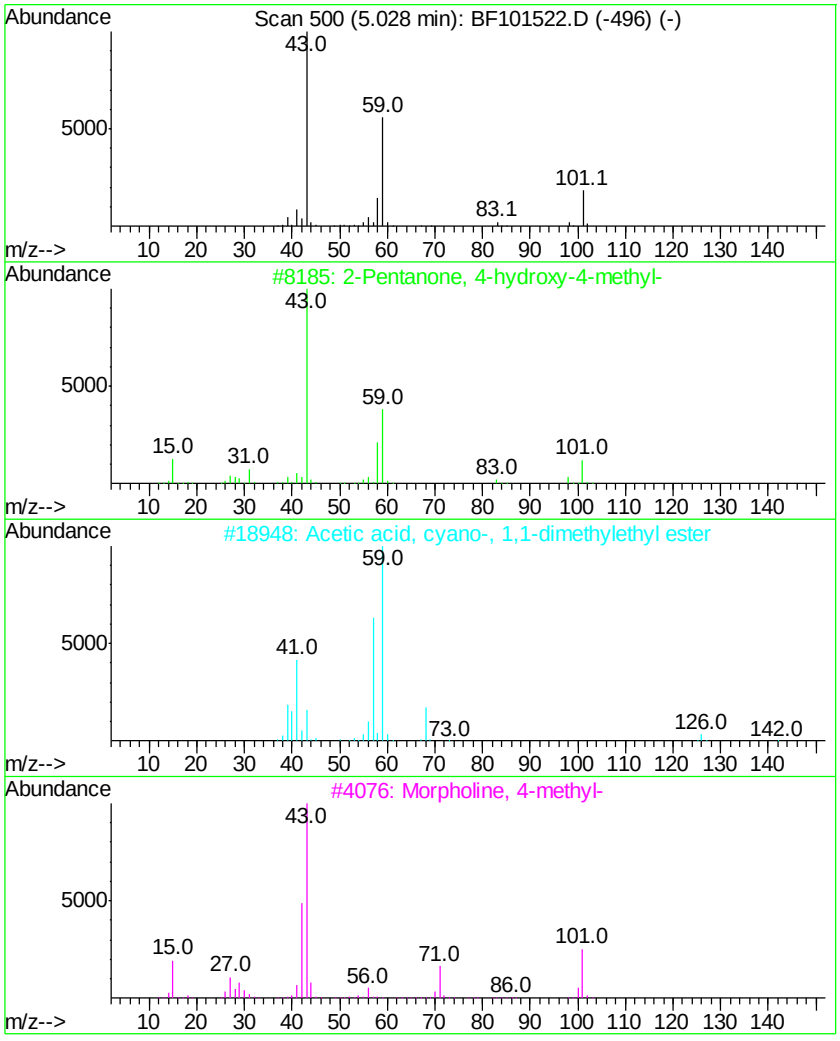
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

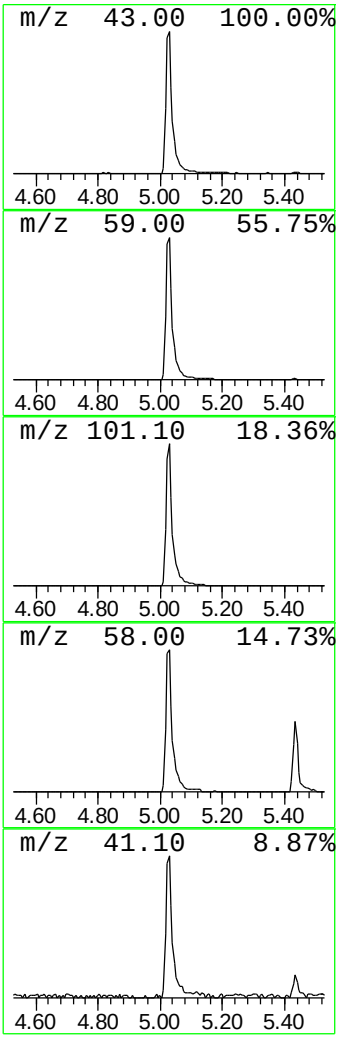
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	17.39 ng	670956	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101522.D
Acq On : 19 Dec 2017 15:11
Operator : SJ/JU
Sample : I6908-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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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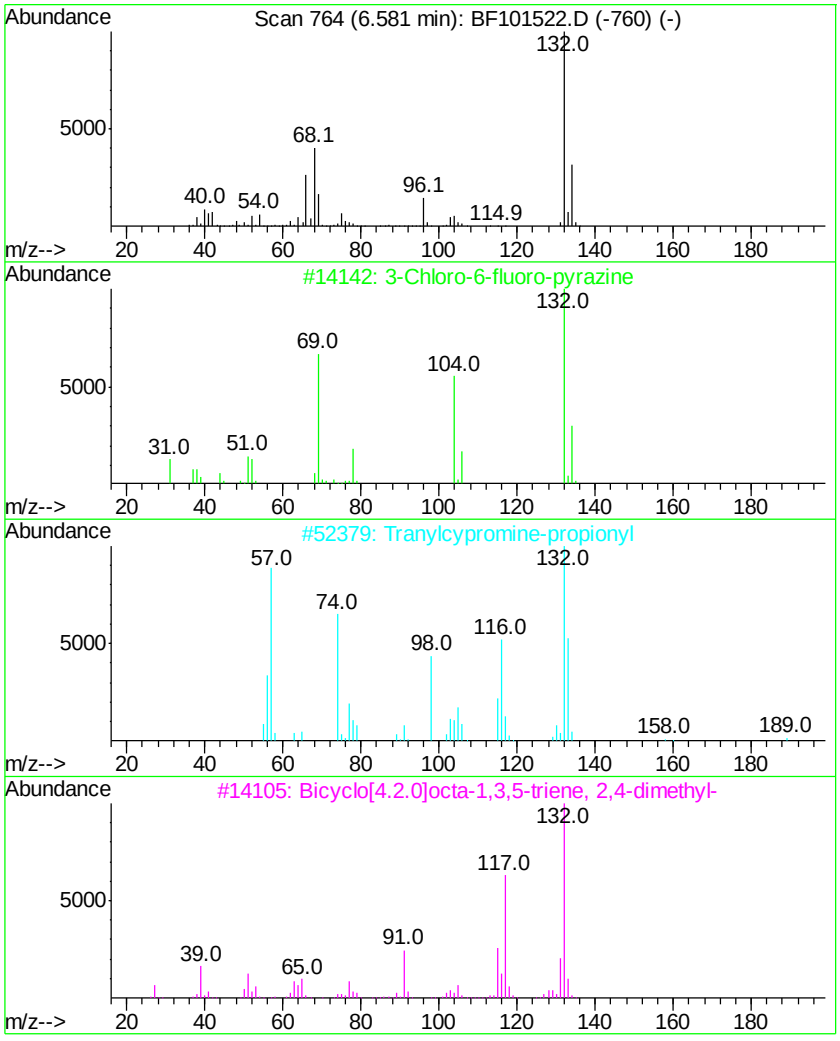
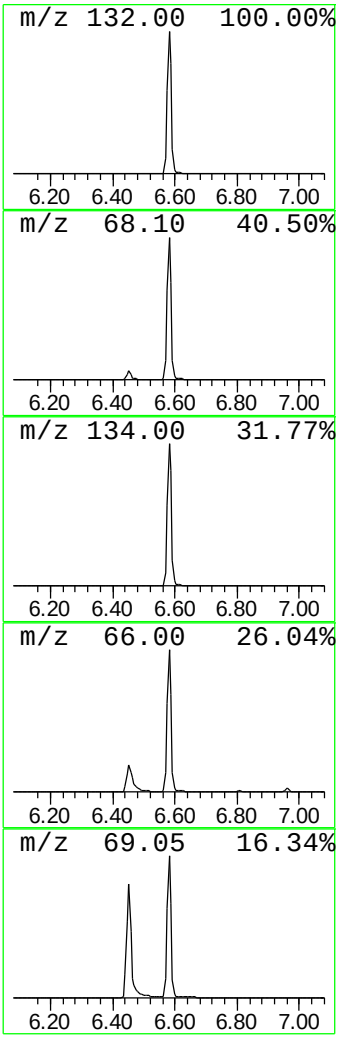
Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	66.26 ng	2556040	1,4-Dichlorobenzene-d4	6.81

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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101522.D
Acq On : 19 Dec 2017 15:11
Operator : SJ/JU
Sample : I6908-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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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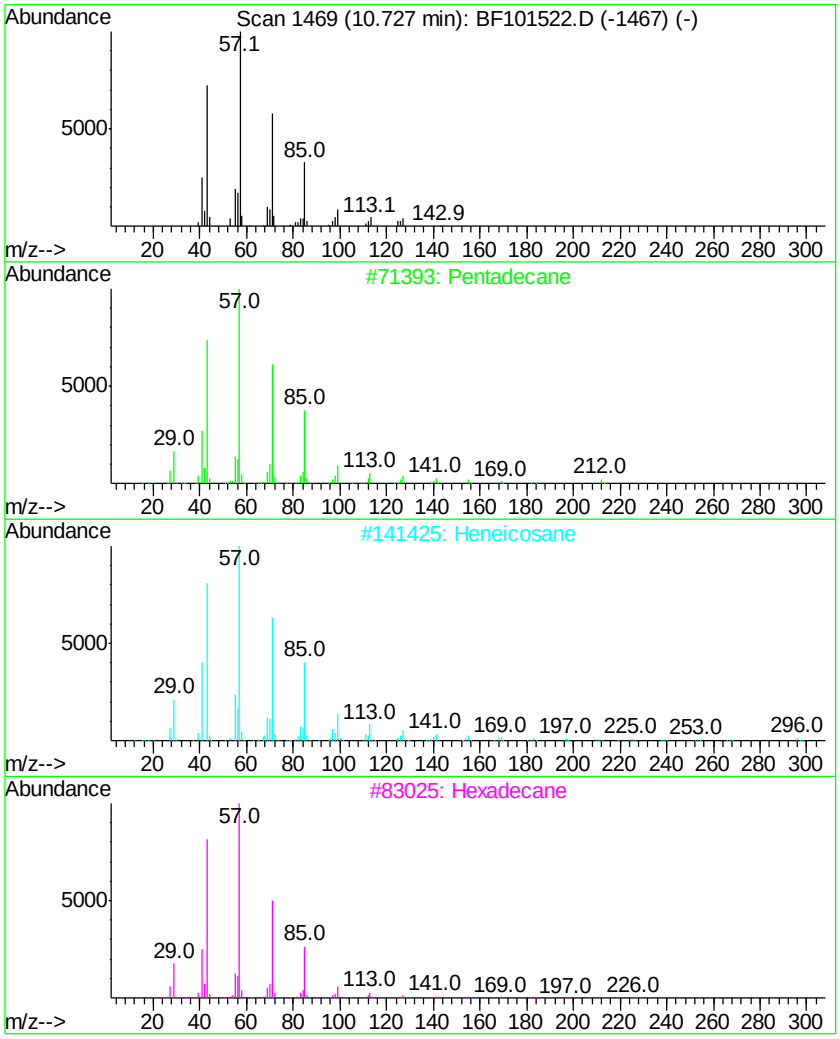
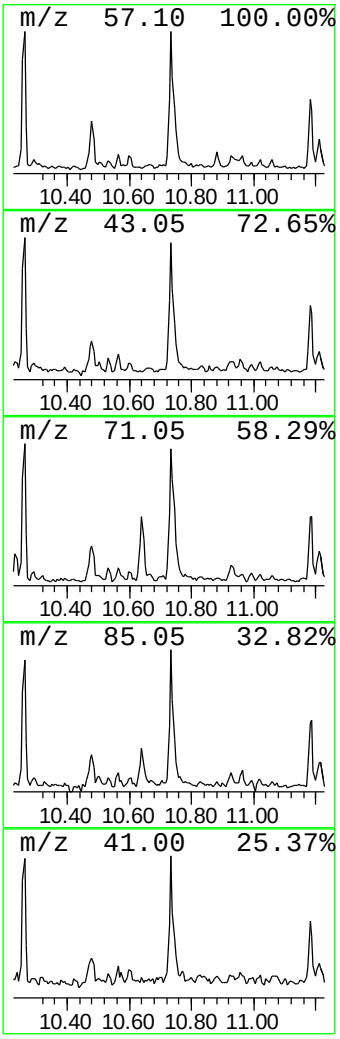
Peak Number 4 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.18 ng	107598	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Heptacosane	380	C27H56	000593-49-7	86





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101522.D
Acq On : 19 Dec 2017 15:11
Operator : SJ/JU
Sample : I6908-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

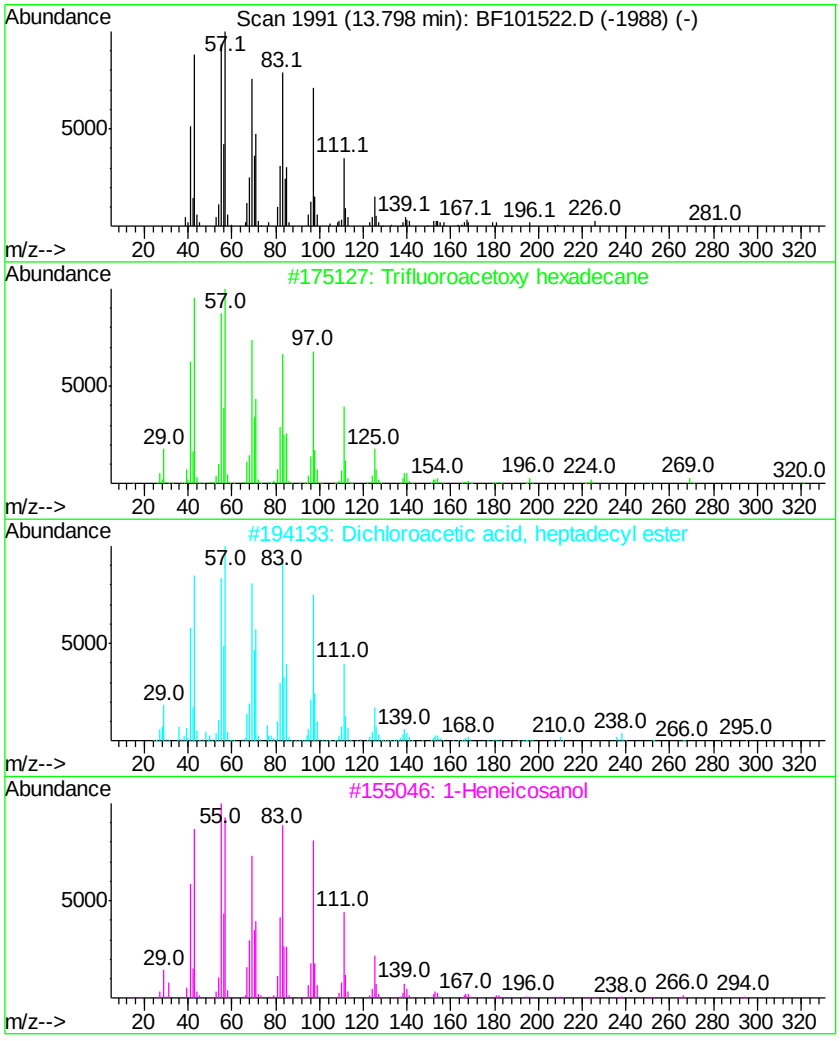
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

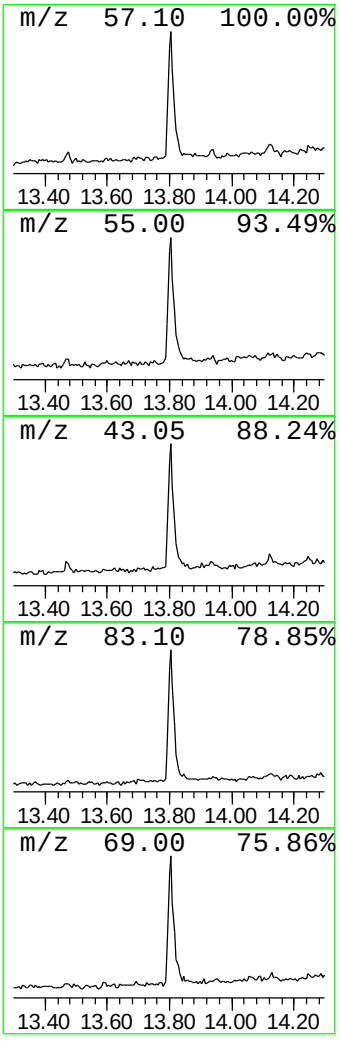
****

Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	8.65 ng	304632	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





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Data File : BF101522.D
Acq On : 19 Dec 2017 15:11
Operator : SJ/JU
Sample : I6908-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

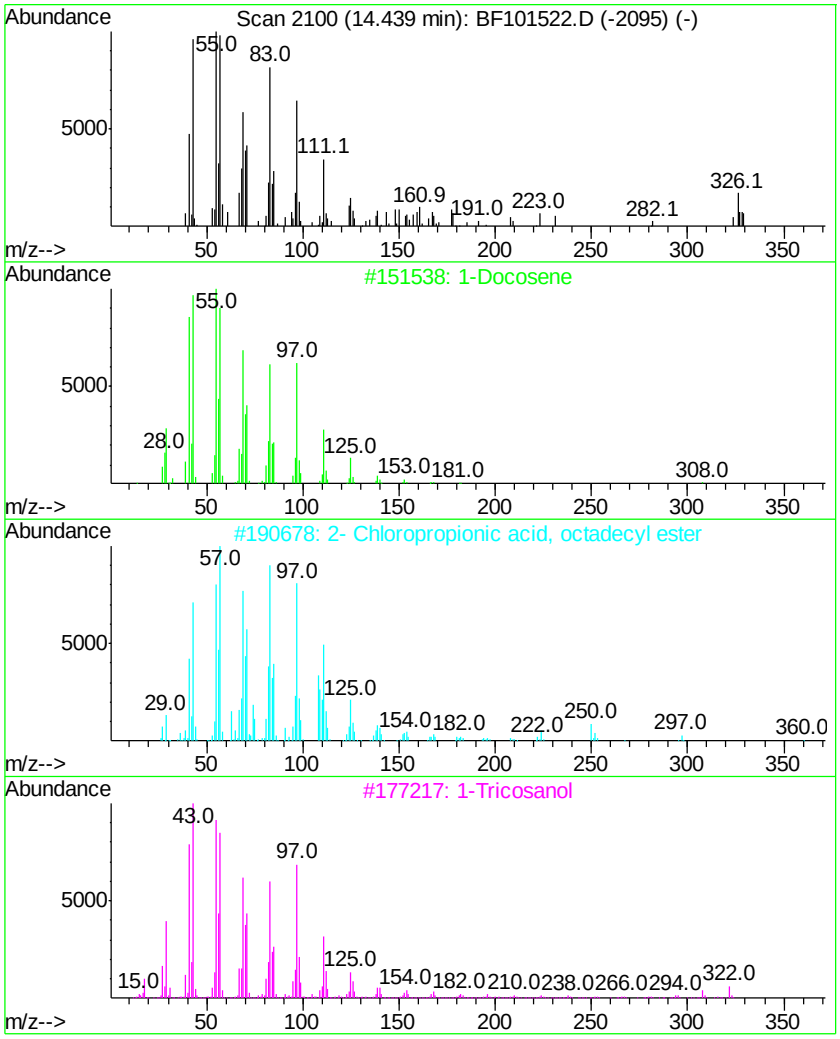
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

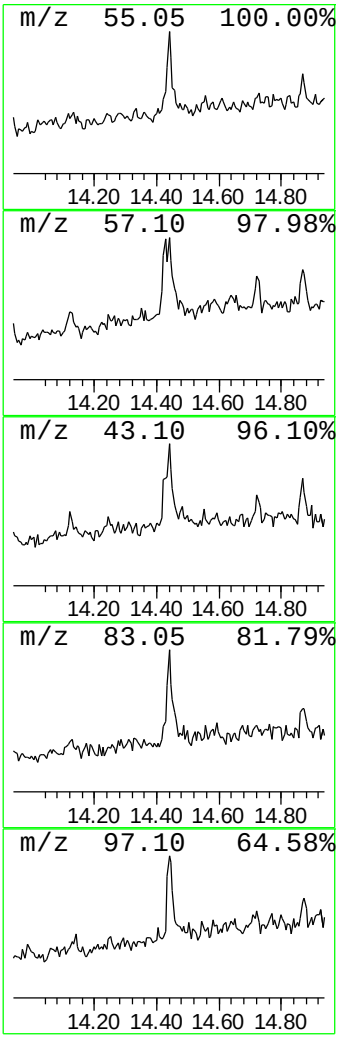
****

Peak Number 6 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	3.01 ng	106069	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
3	1-Tricosanol	340	C23H48O	003133-01-5	87
4	Octacosanol	410	C28H58O	000557-61-9	87
5	Cycloeicosane	280	C20H40	000296-56-0	86





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101522.D
Acq On : 19 Dec 2017 15:11
Operator : SJ/JU
Sample : I6908-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

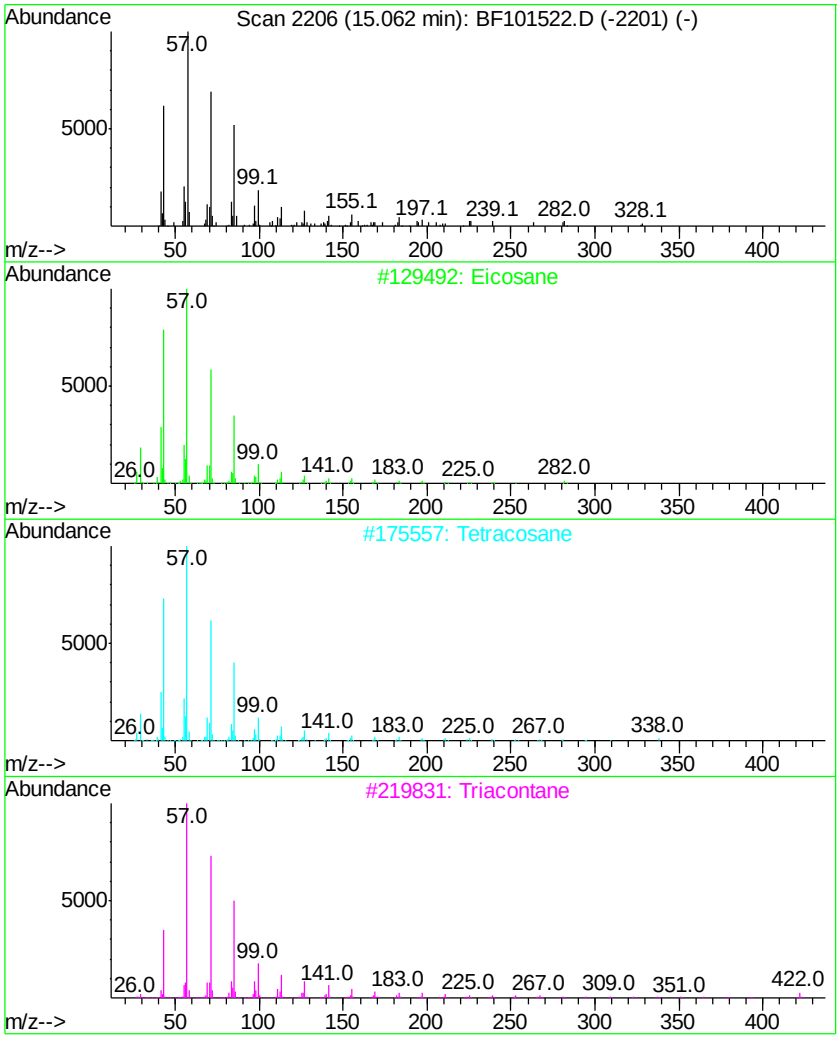
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

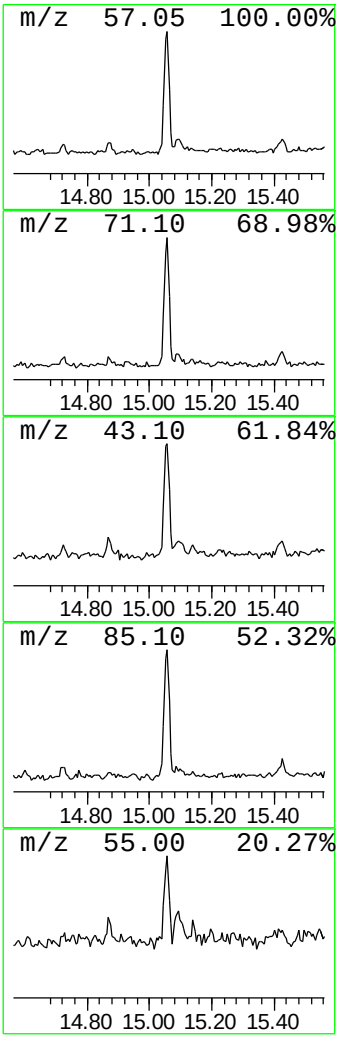
****

Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.80 ng	144352	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Triacontane	422	C30H62	000638-68-6	87
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101522.D
Acq On : 19 Dec 2017 15:11
Operator : SJ/JU
Sample : I6908-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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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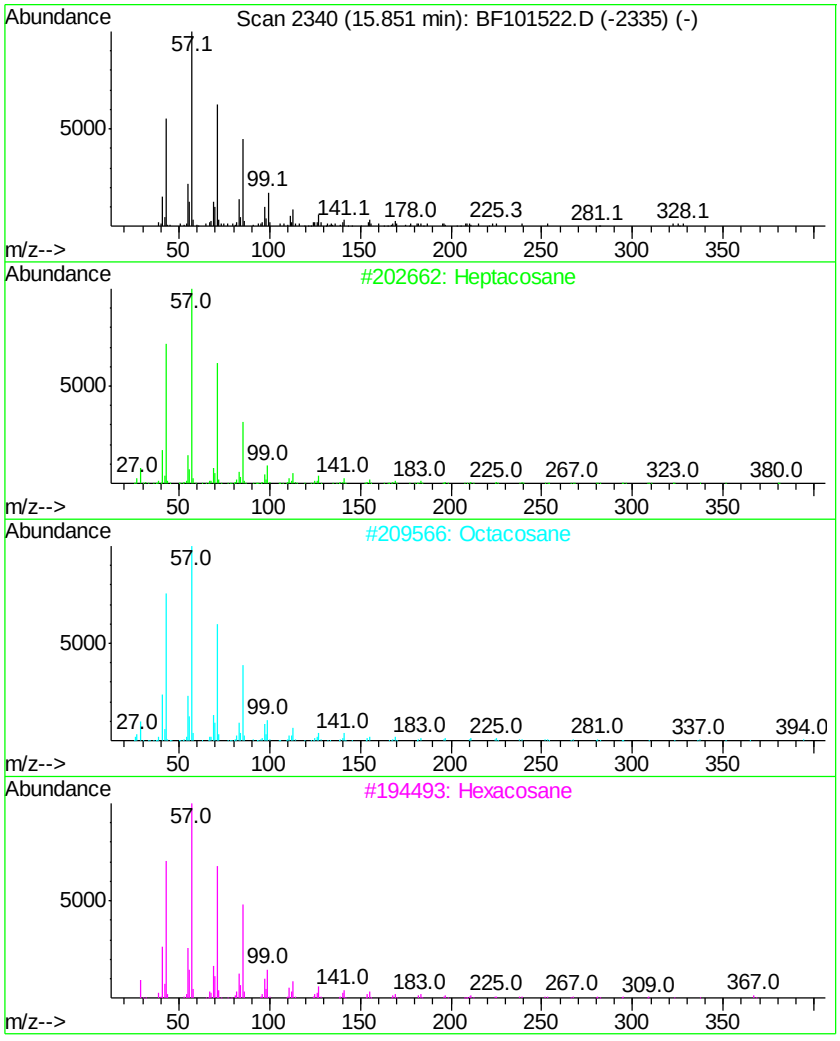
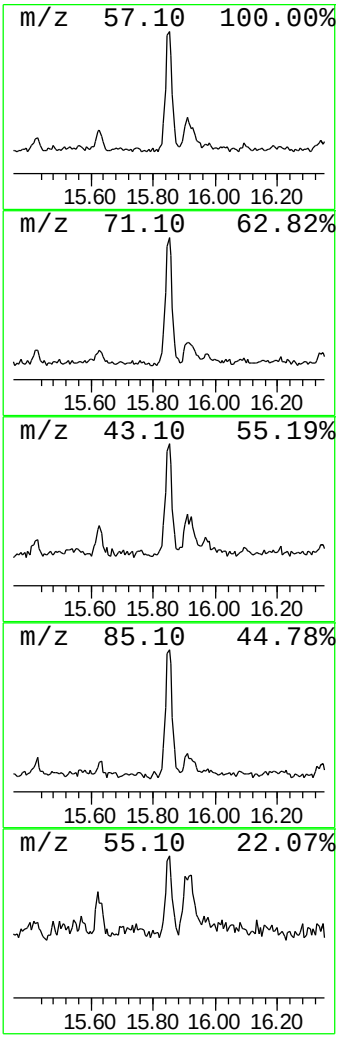
Peak Number 8 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	5.44 ng	206568	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101522.D
Acq On : 19 Dec 2017 15:11
Operator : SJ/JU
Sample : I6908-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

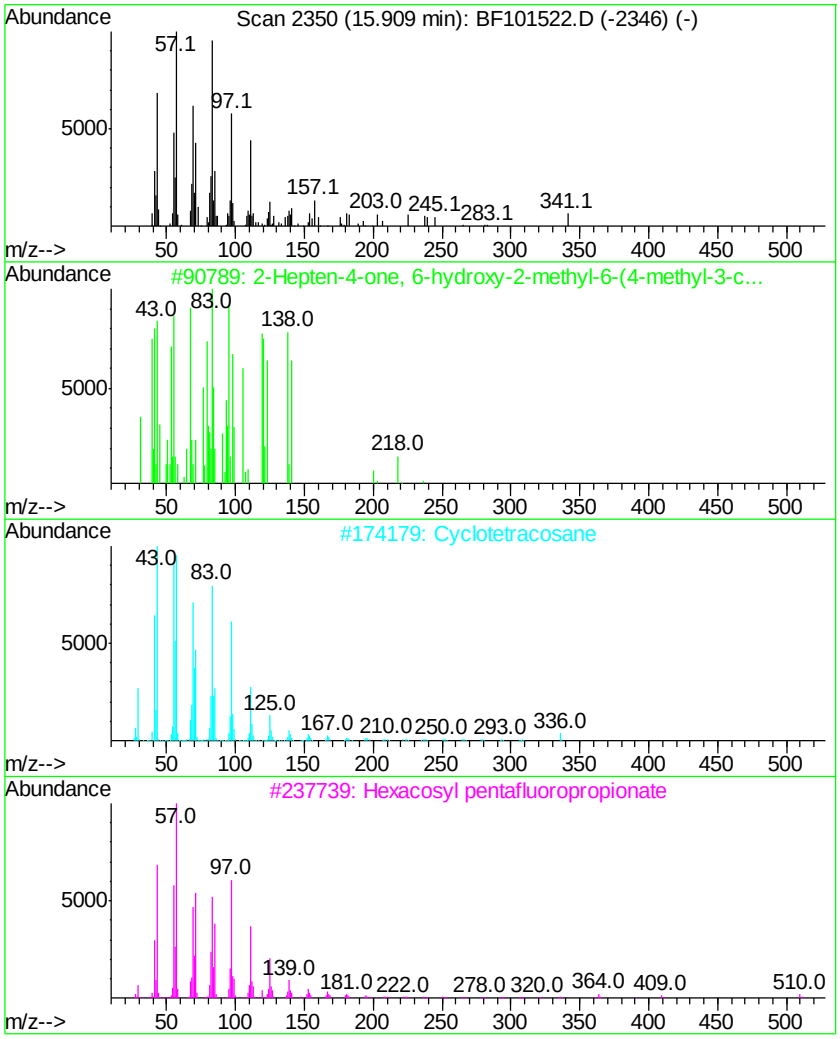
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

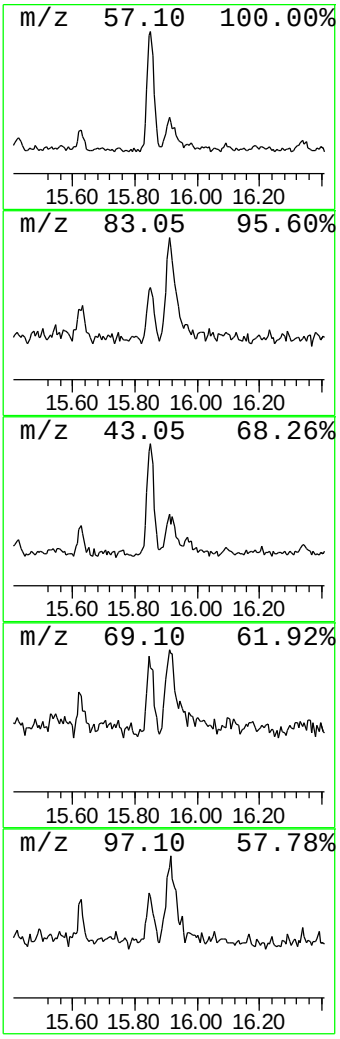
****

Peak Number 9 2-Hepten-4-one, 6-hydroxy-2... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	3.20 ng	121460	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hepten-4-one, 6-hydroxy-2-meth...	236	C15H24O2	038043-98-0	93
2	Cyclotetracosane	336	C24H48	000297-03-0	64
3	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	49
4	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	49
5	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	49





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101522.D
Acq On : 19 Dec 2017 15:11
Operator : SJ/JU
Sample : I6908-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

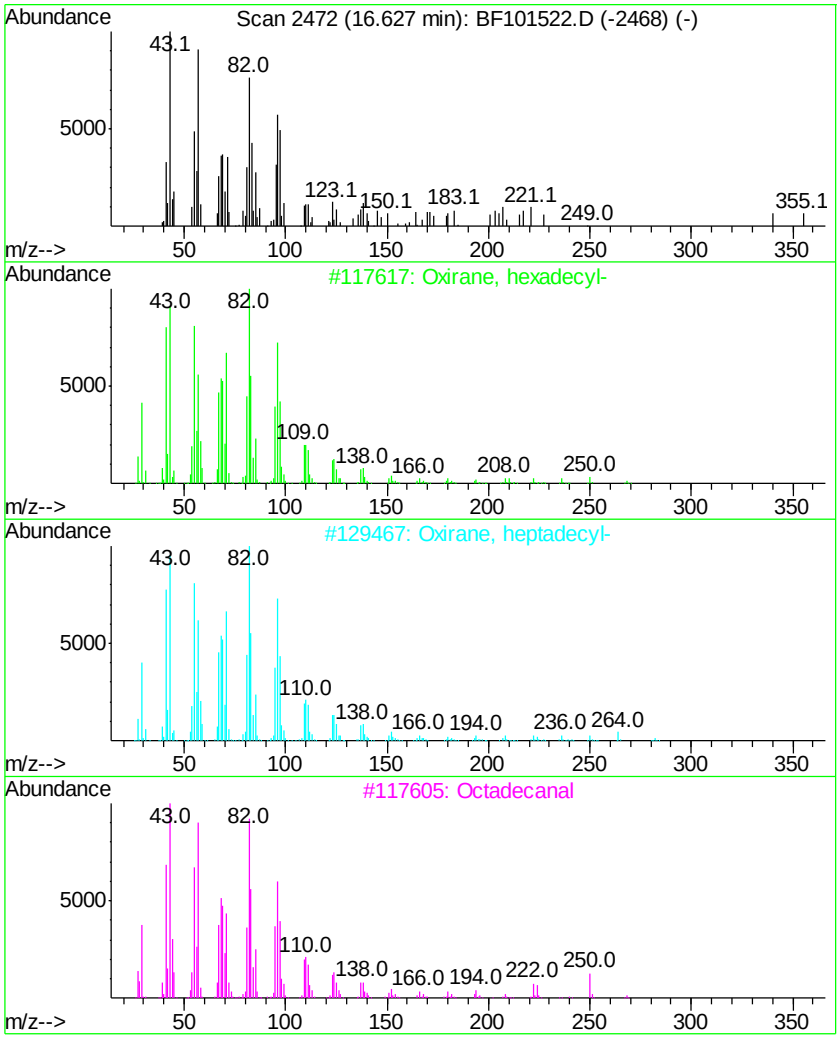
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

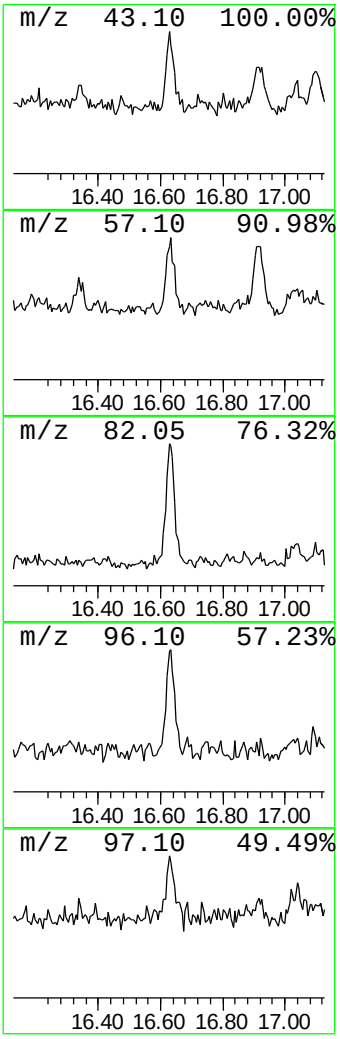
****

Peak Number 10 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	2.79 ng	105881	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
3	Octadecanal	268	C18H36O	000638-66-4	80
4	9-Octadecen-1-ol, (E)-	268	C18H36O	000506-42-3	58
5	Carbonic acid, isobutyl undec-10...	270	C16H30O3	1000314-60-8	50





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF121917\
Data File : BF101522.D
Acq On : 19 Dec 2017 15:11
Operator : SJ/JU
Sample : I6908-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.03	17.4	ng	670956	1	6.81	771554	20.0
unknown6.58	6.58	66.3	ng	2556040	1	6.81	771554	20.0
Pentadecane	10.73	2.2	ng	107598	4	11.34	988831	20.0
Trifluoroacetoxy ...	13.80	8.7	ng	304632	5	13.99	704396	20.0
1-Docosene	14.44	3.0	ng	106069	5	13.99	704396	20.0
Eicosane	15.06	3.8	ng	144352	6	15.46	760124	20.0
Heptacosane	15.85	5.4	ng	206568	6	15.46	760124	20.0
2-Hepten-4-one, 6...	15.91	3.2	ng	121460	6	15.46	760124	20.0
Oxirane, hexadecyl-	16.63	2.8	ng	105881	6	15.46	760124	20.0