LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
Data File : BG045245.D
Acq On : 4 May 2020 22:35
Operator : CG/JU
Sample : L2375-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-SF-03-009-A

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_G\METHODS\8270-BG041520.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	3.152	7	11	19	rVB	50128	79934	1.49%	0.249%
2	5.566	412	422	437	rBV	1471361	2474800	46.05%	7.709%
3	7.164	684	694	706	rBV	1514681	2780649	51.74%	8.662%
4	7.992	827	835	843	rBV	332041	567839	10.57%	1.769%
5	8.315	882	890	900	rBV	1292492	2330454	43.36%	7.260%
6	9.150	1023	1032	1045	rBV	983898	1846311	34.35%	5.751%
7	10.800	1305	1313	1325	rBV	430062	807679	15.03%	2.516%
8	13.256	1723	1731	1742	rBV	2824642	4534865	84.38%	14.126%
9	14.078	1865	1871	1876	rBV	156162	243383	4.53%	0.758%
10	14.630	1957	1965	1972	rBV2	673782	1119939	20.84%	3.489%
11	16.122	2212	2219	2228	rBV	2087795	3273405	60.91%	10.197%
12	17.380	2427	2433	2438	rBV	741819	1212012	22.55%	3.775%
13	17.421	2438	2440	2448	rVV	216563	296731	5.52%	0.924%
14	17.515	2451	2456	2462	rVB	43670	73657	1.37%	0.229%
15	18.278	2578	2586	2590	rBV2	202551	396619	7.38%	1.235%
16	18.455	2611	2616	2619	rBV3	51875	83114	1.55%	0.259%
17	18.789	2670	2673	2682	rVB10	35229	75528	1.41%	0.235%
18	19.436	2777	2783	2789	rBV	523641	785572	14.62%	2.447%
19	19.794	2836	2844	2853	rVB	503825	853202	15.88%	2.658%
20	20.000	2872	2879	2893	rVB	3852979	5374358	100.00%	16.741%
21	20.287	2925	2928	2935	rVB2	104255	167910	3.12%	0.523%
22	21.310	3098	3102	3110	rBV4	239459	421046	7.83%	1.312%
23	21.644	3152	3159	3164	rBV2	752266	1588477	29.56%	4.948%
24	24.834	3696	3702	3710	rBV2	294186	714584	13.30%	2.226%

Sum of corrected areas: 32102068

LSC Report - Integrated Chromatogram

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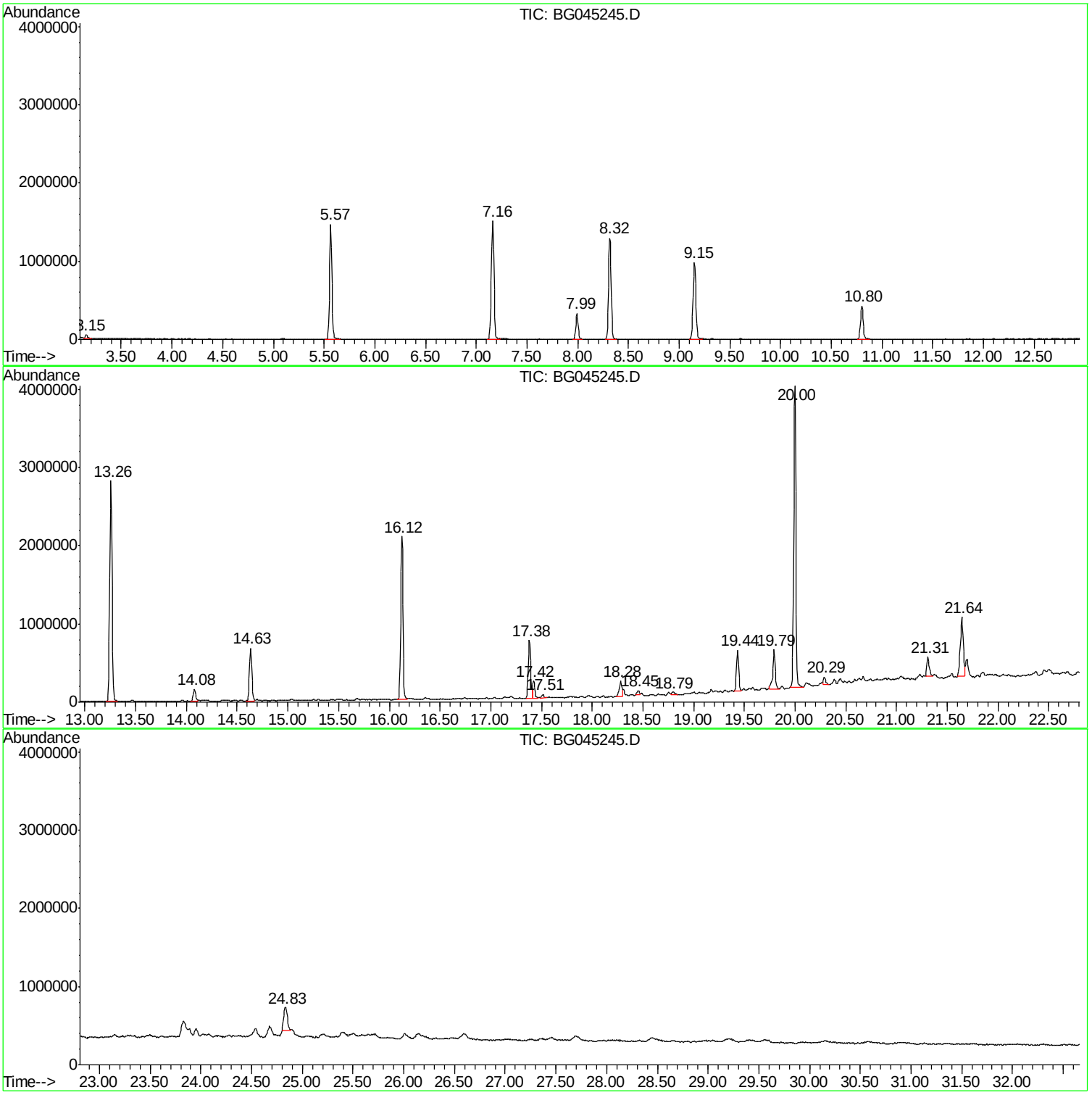
ClientSampleId : FK-SF-03-009-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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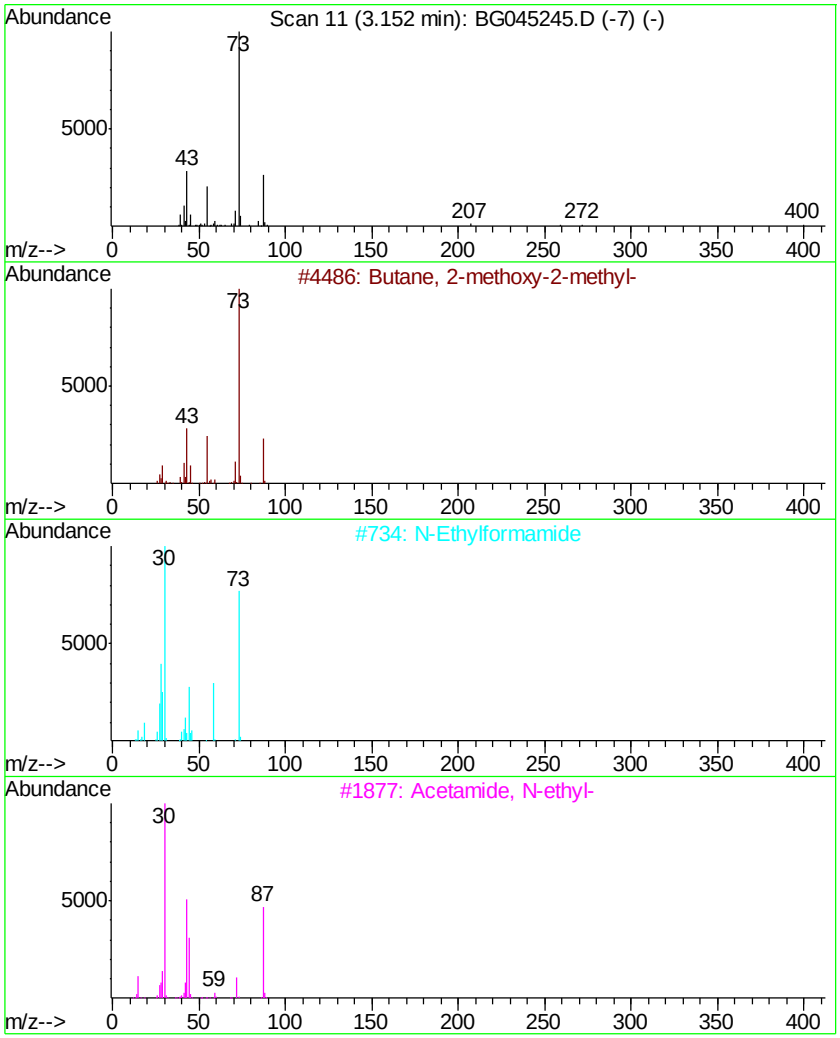
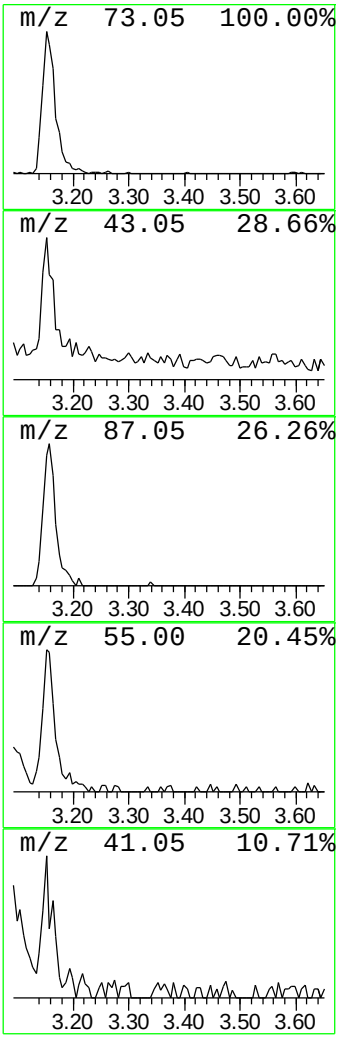
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	2.82 ng	79934	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9





Library Search Compound Report

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ClientSampleId : FK-SF-03-009-A

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

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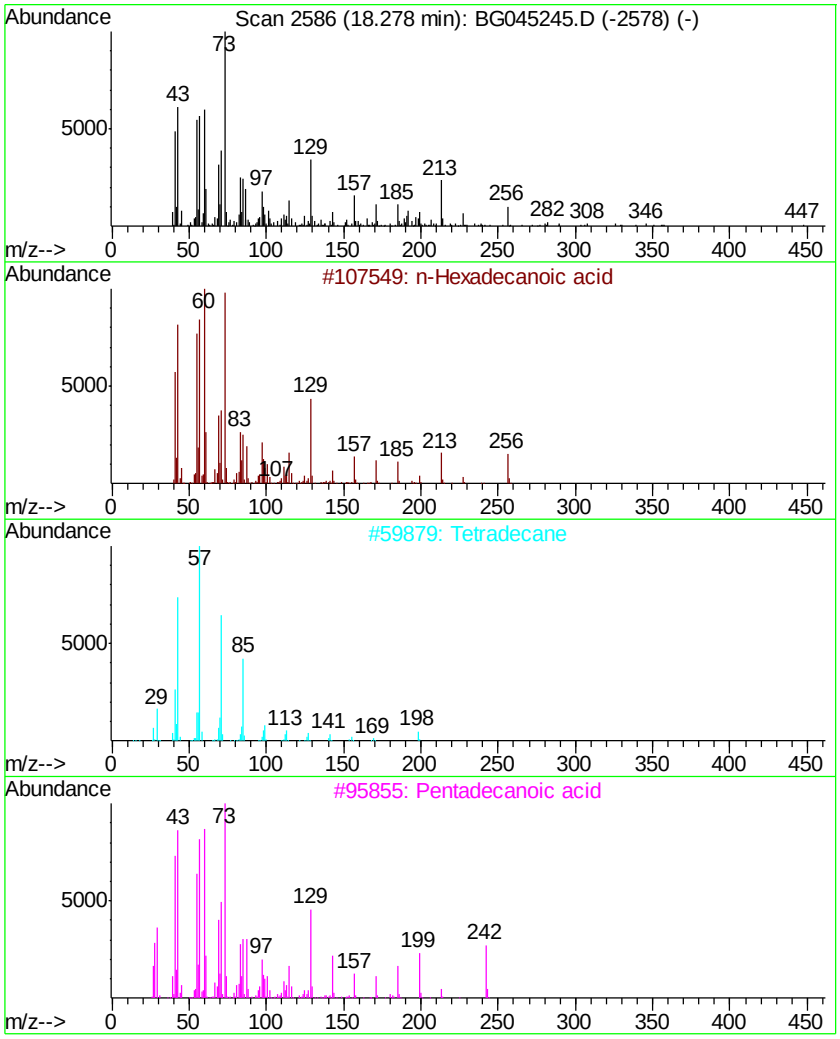
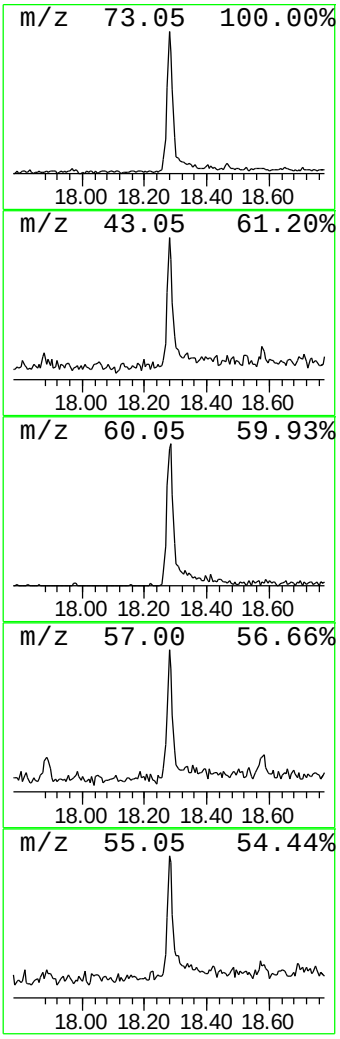
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	6.54 ng	396619	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecane	198	C14H30	000629-59-4	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Octadecanoic acid	284	C18H36O2	000057-11-4	49
5	Eicosane	282	C20H42	000112-95-8	35





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Misc :
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Instrument : BNA_G
ClientSampleId : FK-SF-03-009-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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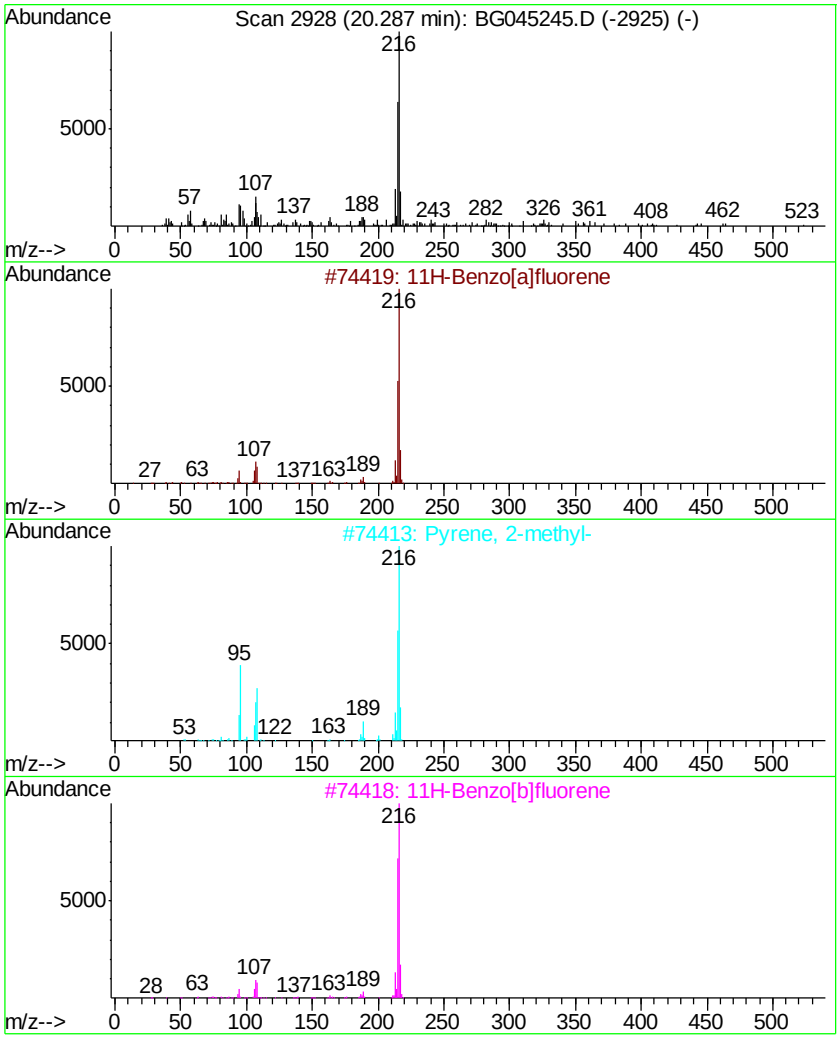
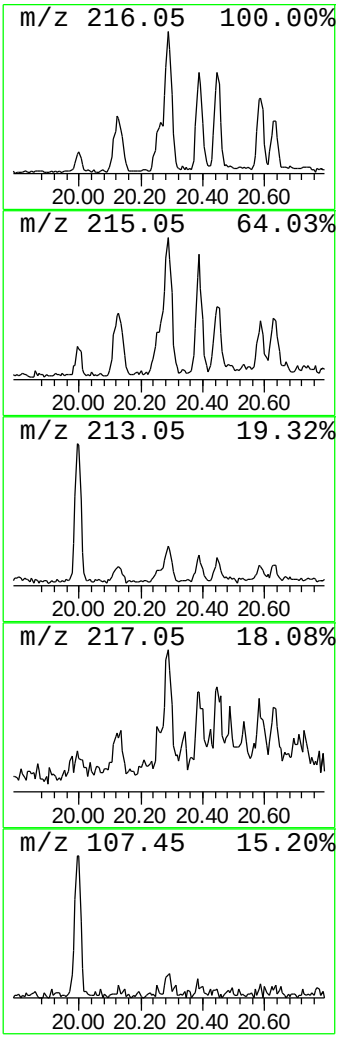
Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	2.11 ng	167910	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	53





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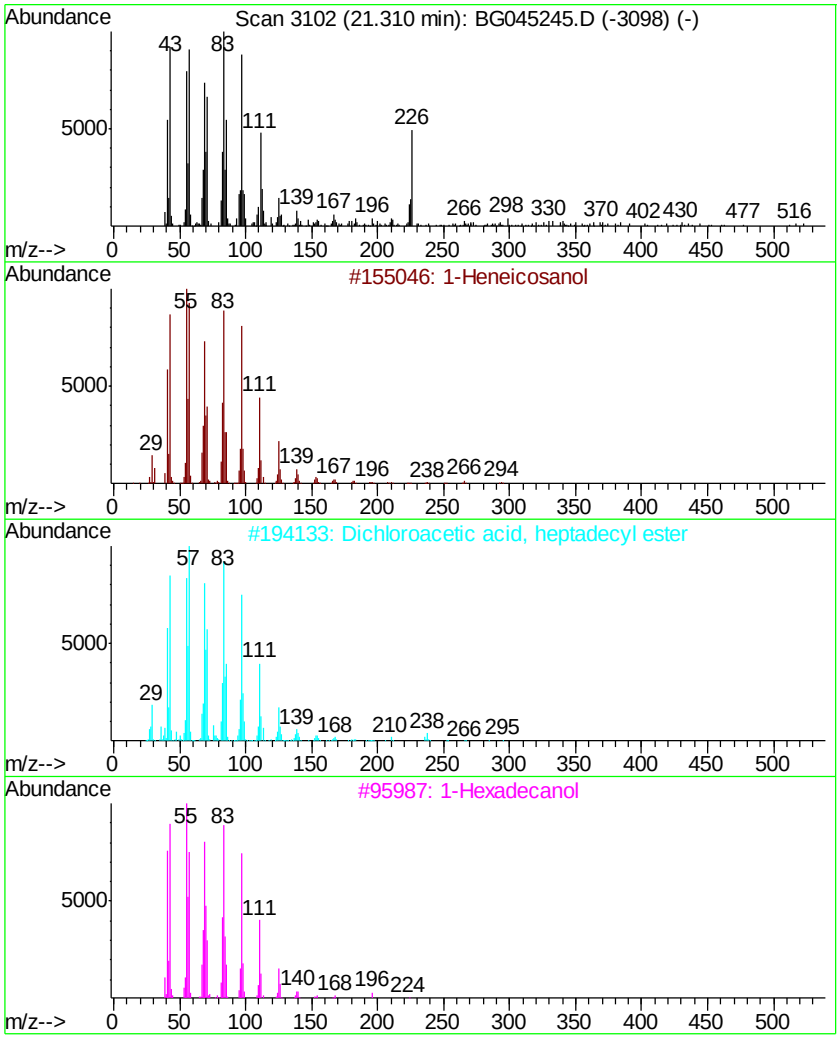
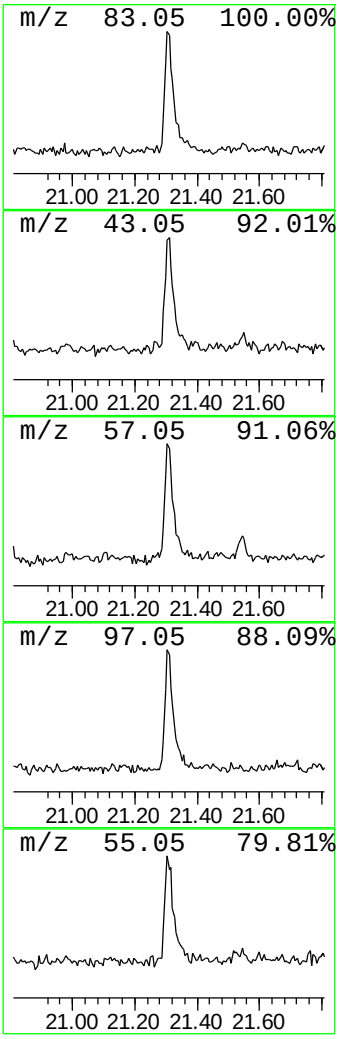
Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	5.30 ng	421046	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	68
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	68
3	1-Hexadecanol	242	C16H34O	036653-82-4	68
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	68
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	68





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
Butane, 2-methoxy...	3.15	2.8	ng	79934	1	7.99	567839	20.0
n-Hexadecanoic acid	18.28	6.5	ng	396619	4	17.38	1212010	20.0
11H-Benzo[a]fluorene	20.29	2.1	ng	167910	5	21.64	1588480	20.0
1-Heneicosanol	21.31	5.3	ng	421046	5	21.64	1588480	20.0