LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019971.D
Acq On : 19 Apr 2019 01:48
Operator : JU/SJ
Sample : K2442-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-20-S

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_M\METHODS\8270-BM041519.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	5.128	358	364	383	rBV	1406225	2295102	50.11%	7.158%
2	6.710	626	633	659	rBV	1322096	2492003	54.41%	7.772%
3	7.045	684	690	712	rBV	1578959	2599726	56.76%	8.108%
4	7.510	763	769	779	rBV	473692	750433	16.38%	2.341%
5	7.822	815	822	833	rBV	1206491	1905043	41.59%	5.942%
6	8.687	962	969	988	rBV	691362	1422849	31.07%	4.438%
7	10.292	1235	1242	1261	rBV	483387	967035	21.11%	3.016%
8	12.780	1659	1665	1684	rBV	2033402	3185882	69.56%	9.936%
9	13.051	1706	1711	1722	rVB	62096	111061	2.42%	0.346%
10	13.657	1809	1814	1824	rBV	156788	278703	6.09%	0.869%
11	14.180	1897	1903	1919	rVB2	796134	1244504	27.17%	3.881%
12	15.692	2154	2160	2173	rBV	1609533	2584007	56.42%	8.059%
13	16.945	2365	2373	2379	rBV2	976573	1450157	31.66%	4.523%
14	17.839	2519	2525	2531	rBV	263153	430472	9.40%	1.343%
15	18.704	2667	2672	2677	rBV2	174146	242221	5.29%	0.755%
16	19.021	2721	2726	2736	rBV	263744	381193	8.32%	1.189%
17	19.133	2740	2745	2750	rBV2	101823	175704	3.84%	0.548%
18	19.345	2778	2781	2785	rBV3	55032	96688	2.11%	0.302%
19	19.386	2785	2788	2796	rVB	227319	320652	7.00%	1.000%
20	19.592	2817	2823	2831	rBV	3601671	4580143	100.00%	14.285%
21	20.380	2955	2957	2962	rVB2	58790	68772	1.50%	0.214%
22	20.850	3033	3037	3048	rVB3	410923	598217	13.06%	1.866%
23	21.156	3083	3089	3094	rBV	1366566	1959741	42.79%	6.112%
24	23.344	3455	3461	3476	rVB	1028256	1922328	41.97%	5.996%

Sum of corrected areas: 32062636

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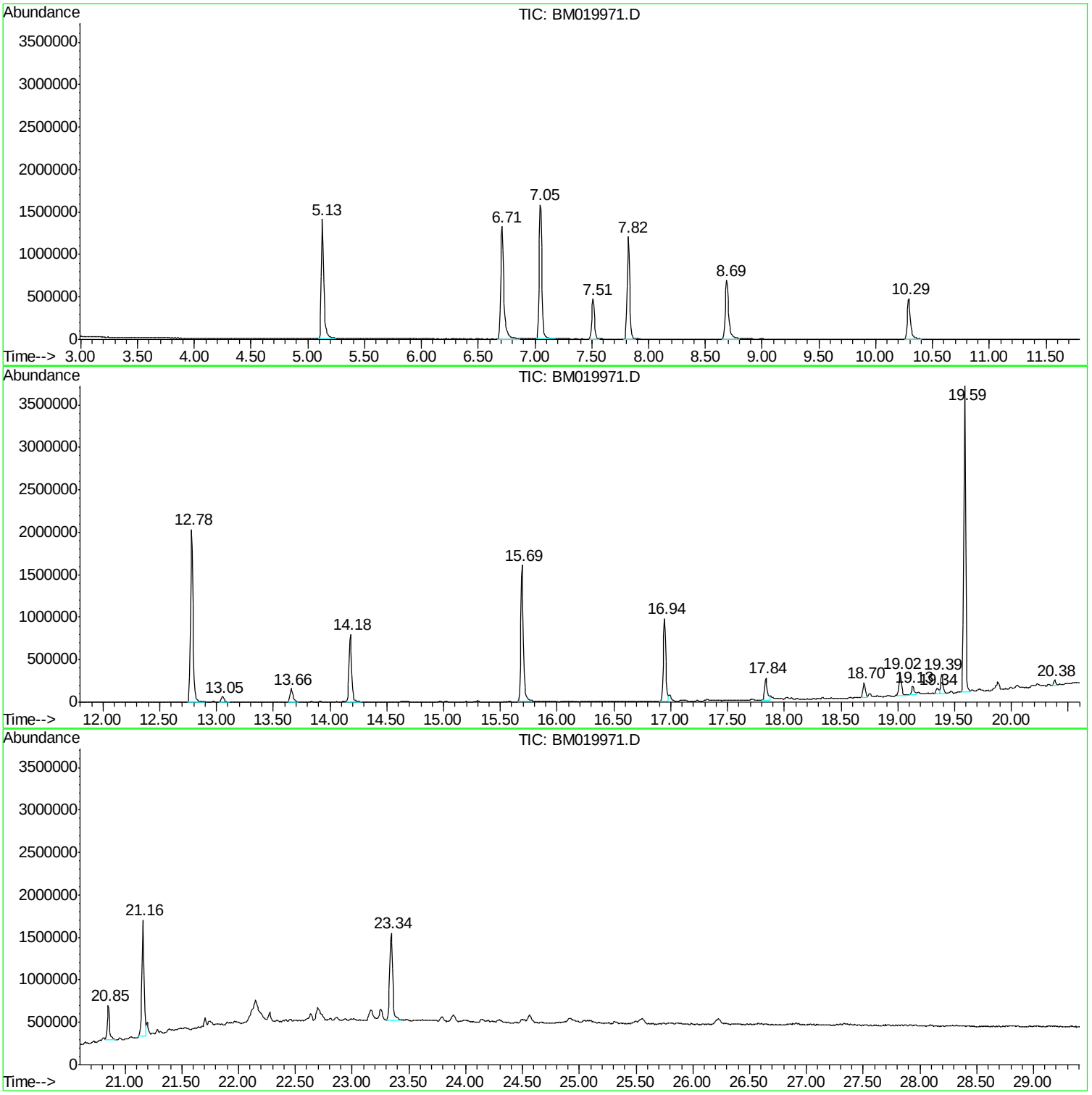
Instrument :
BNA_M
ClientSampleId :
TP-20-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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

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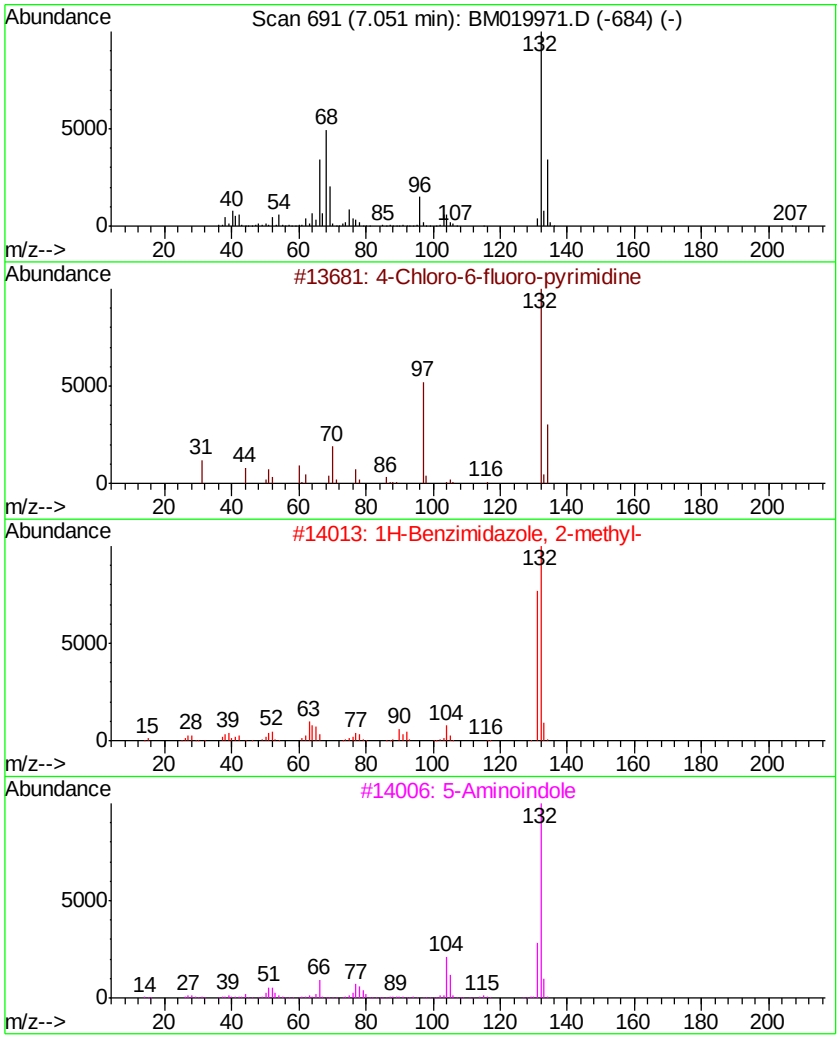
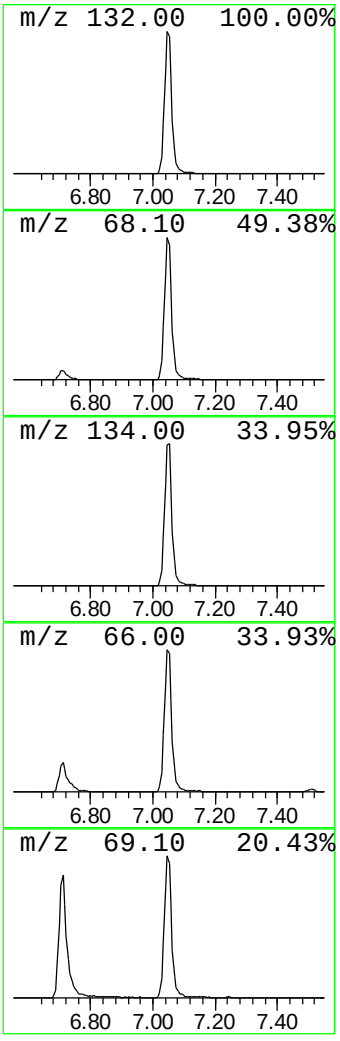
Peak Number 1 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	69.29 ng	2599730	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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ClientSampleId : TP-20-S

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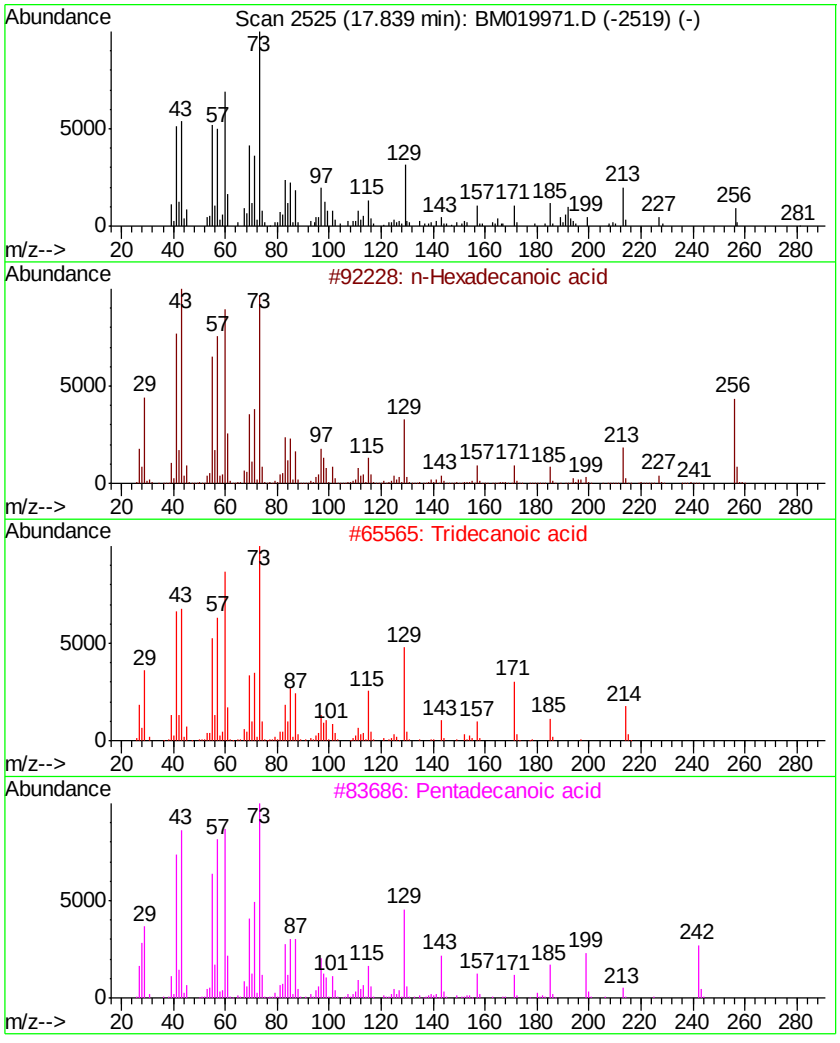
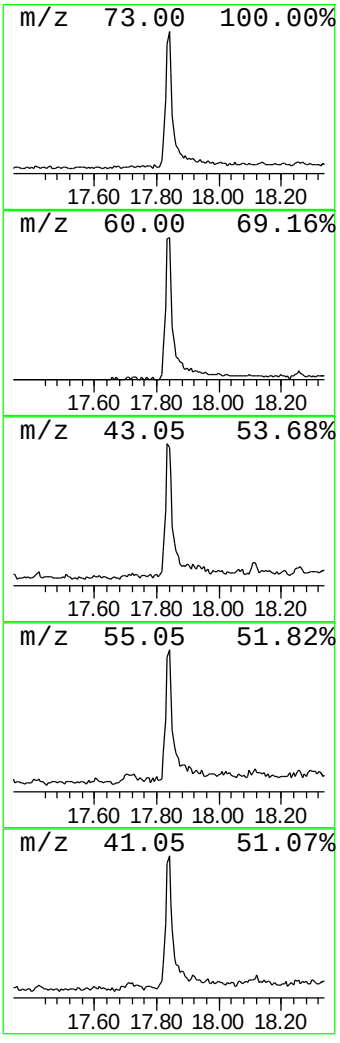
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	5.94 ng	430472	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	60
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





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Sample : K2442-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-20-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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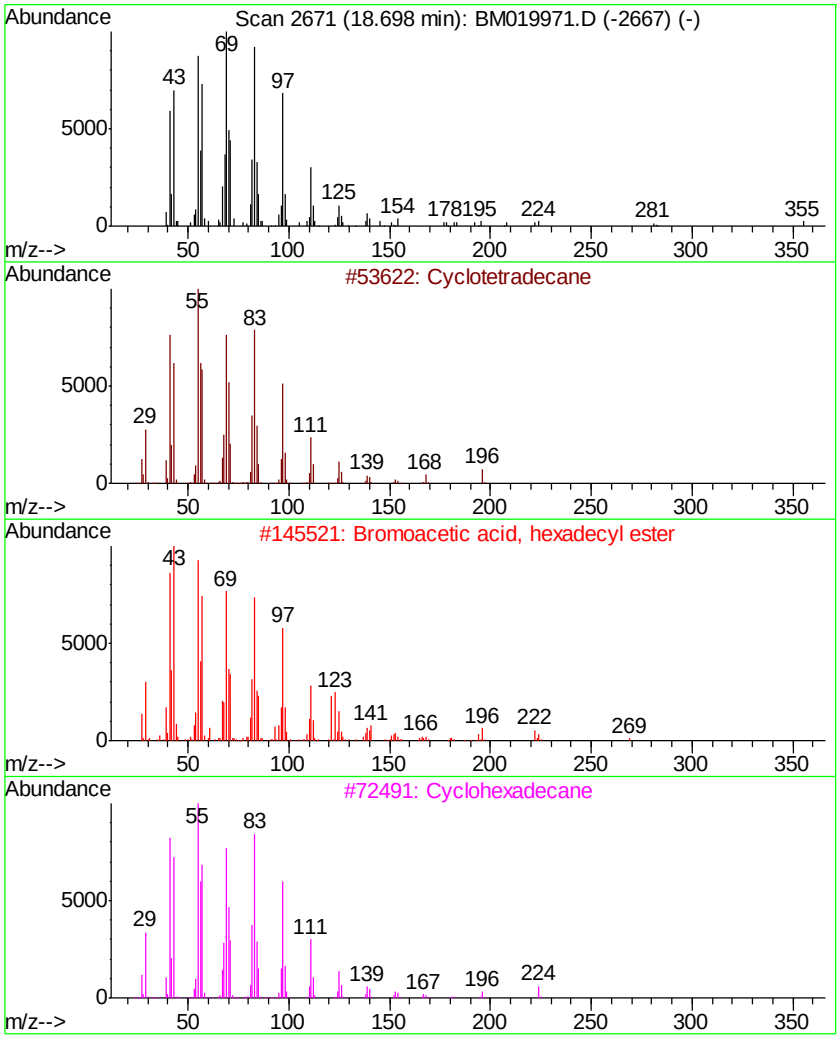
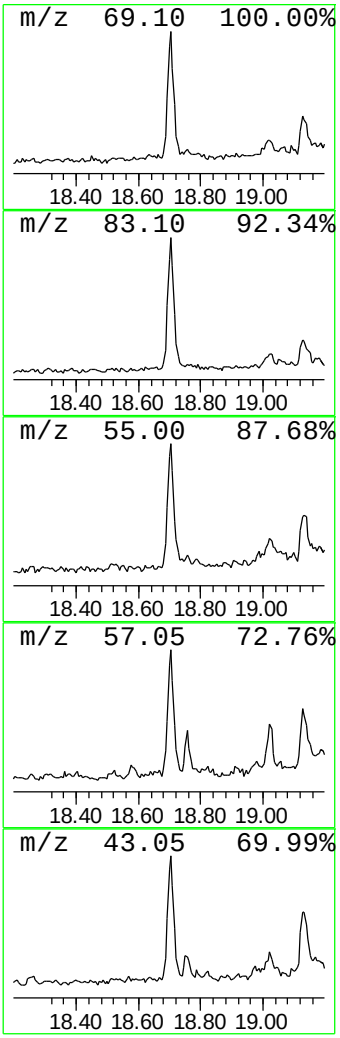
Peak Number 4 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	3.34 ng	242221	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	91
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
3	Cyclohexadecane	224	C16H32	000295-65-8	90
4	3-Octadecene, (E)-	252	C18H36	007206-19-1	87
5	1-Heptadecanol	256	C17H36O	001454-85-9	81





Library Search Compound Report

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Sample : K2442-07
Misc :
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
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TIC Library : C:\DATABASE\NIST02.L
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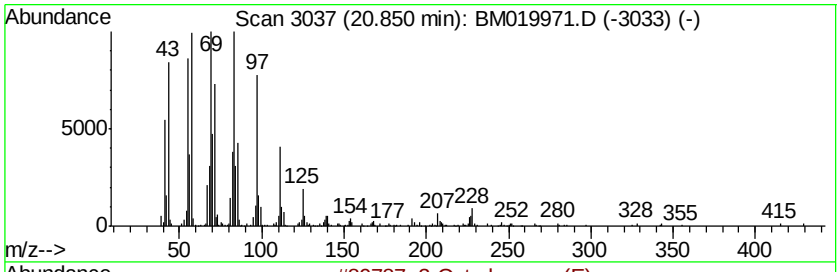
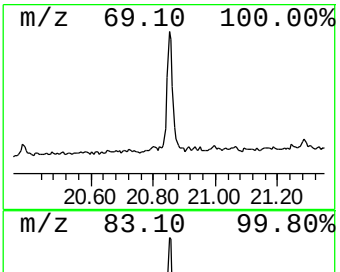
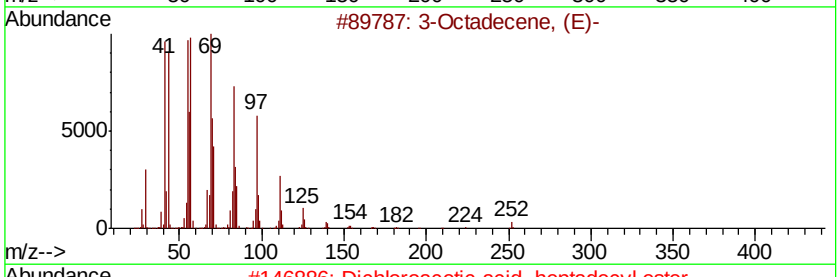
Peak Number 5 3-Octadecene, (E)- Concentration Rank 3

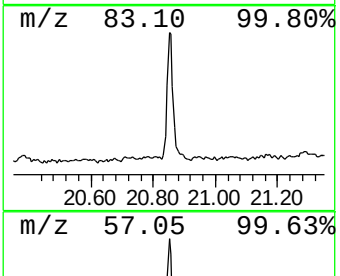
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	6.11 ng	598217	Chrysene-d12	21.16

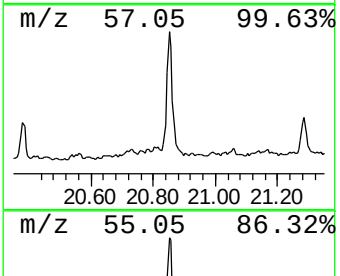
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	90
5	1-Nonadecene	266	C19H38	018435-45-5	86

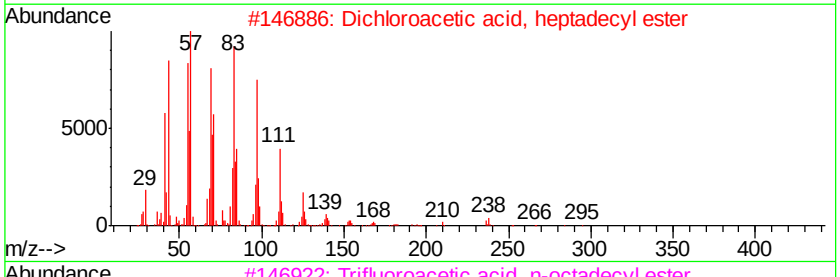


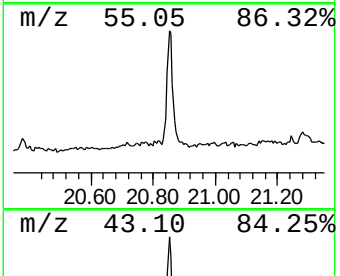


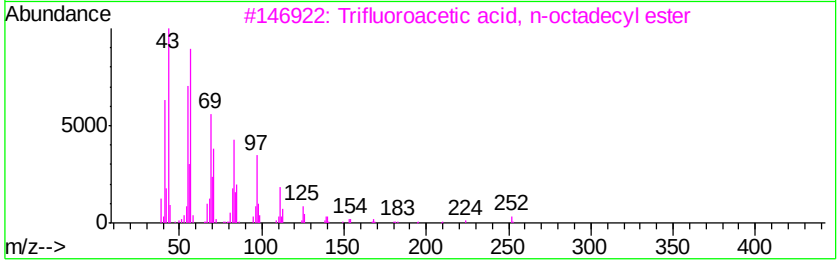


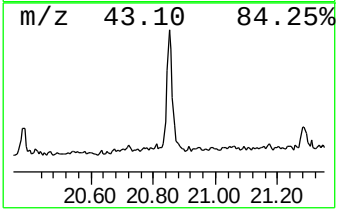












Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.05	7.05	69.3	ng	2599730	1	7.51	750433	20.0
n-Hexadecanoic acid	17.84	5.9	ng	430472	4	16.94	1450160	20.0
Cyclotetradecane	18.70	3.3	ng	242221	4	16.94	1450160	20.0
3-Octadecene, (E)-	20.85	6.1	ng	598217	5	21.16	1959740	20.0