LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
Data File : BM019306.D
Acq On : 22 Mar 2019 00:34
Operator : JU/SJ
Sample : K1941-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : T-2

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-BM031119.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	5.228	375	381	394	rBV	1947773	2894948	19.17%	3.799%
2	6.810	644	650	668	rBV	1368820	2250767	14.91%	2.954%
3	7.163	702	710	729	rBV	4296696	6728515	44.57%	8.830%
4	7.628	782	789	797	rBV	775225	1215190	8.05%	1.595%
5	7.945	835	843	856	rBV	3557072	5593275	37.05%	7.340%
6	8.798	980	988	1003	rBV	2916355	4893930	32.42%	6.422%
7	10.410	1255	1262	1275	rBV	1060275	1850297	12.26%	2.428%
8	12.898	1678	1685	1701	rBV	9296135	12974048	85.93%	17.026%
9	13.757	1825	1831	1841	rBV	88862	151986	1.01%	0.199%
10	14.286	1913	1921	1935	rBV2	1833214	2776045	18.39%	3.643%
11	15.792	2170	2177	2192	rBV	6682742	9780335	64.78%	12.835%
12	17.045	2384	2390	2403	rBV	2061139	3016354	19.98%	3.958%
13	17.933	2537	2541	2550	rBV	362695	581275	3.85%	0.763%
14	19.227	2756	2761	2770	rBV	240353	430116	2.85%	0.564%
15	19.686	2833	2839	2844	rBV	13033690	15097551	100.00%	19.812%
16	20.951	3049	3054	3065	rBV	375297	663305	4.39%	0.870%
17	21.245	3099	3104	3111	rBV	1911643	2385733	15.80%	3.131%
18	22.268	3275	3278	3285	rVB4	146397	205071	1.36%	0.269%
19	22.768	3359	3363	3367	rVB	133194	185131	1.23%	0.243%
20	23.327	3453	3458	3462	rBV2	183270	313177	2.07%	0.411%
21	23.474	3476	3483	3491	rBV2	1151367	2216323	14.68%	2.908%

Sum of corrected areas: 76203372

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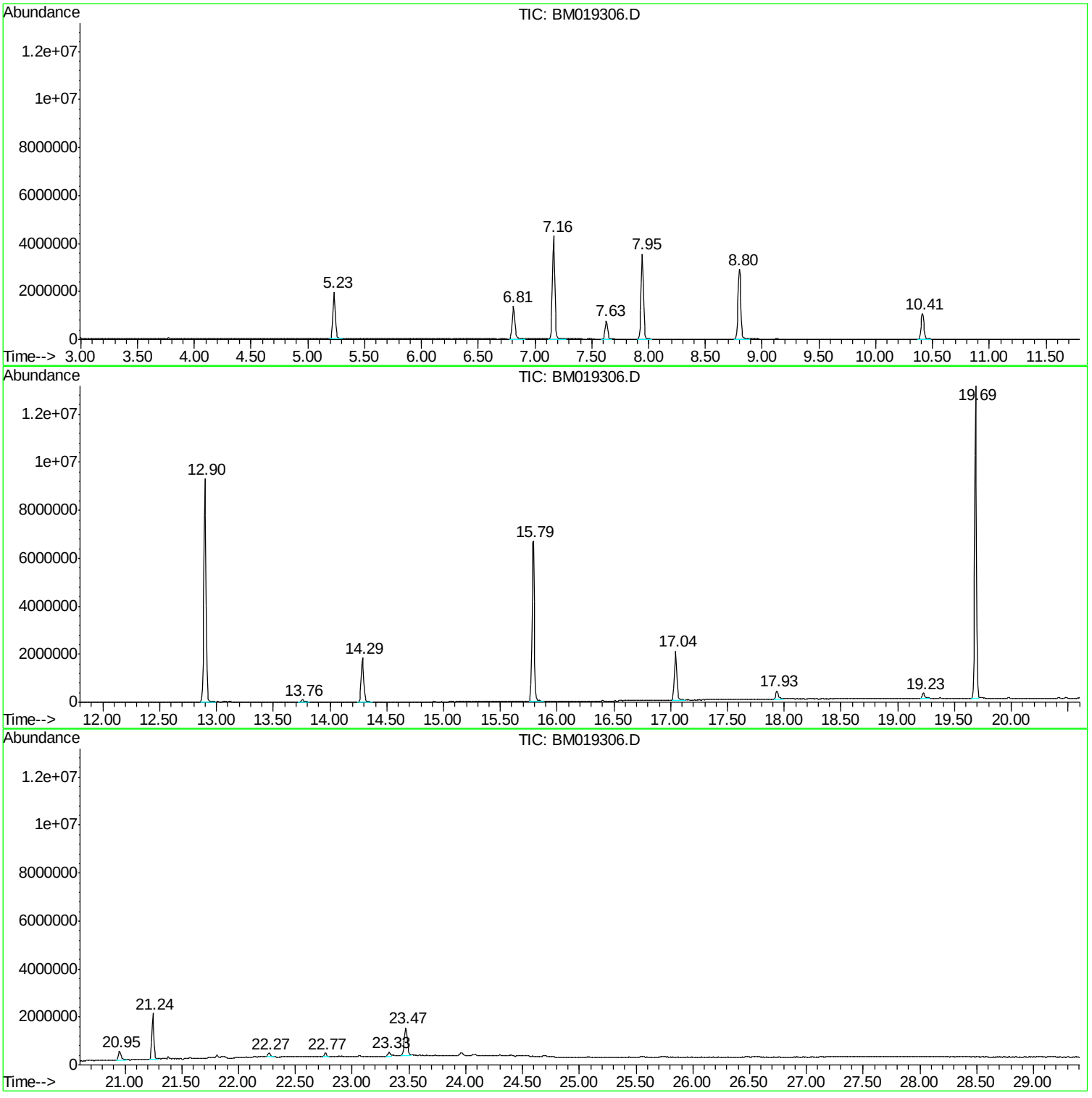
Instrument :
BNA_M
ClientSampleId :
T-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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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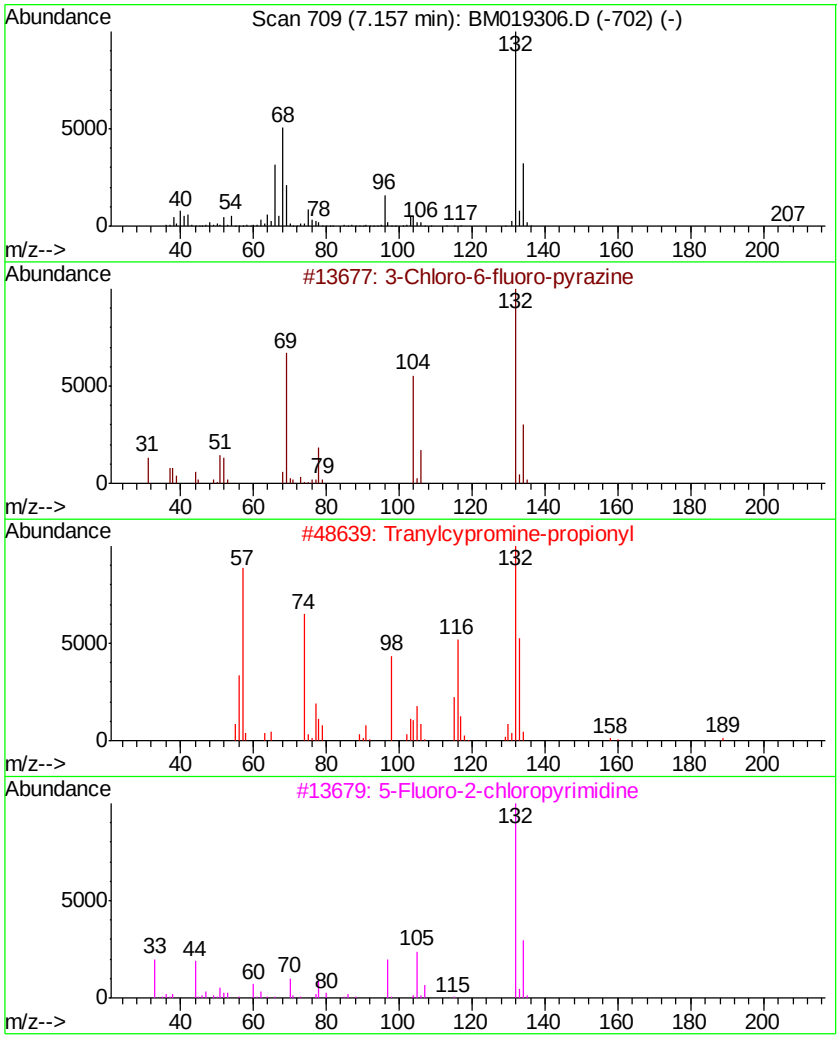
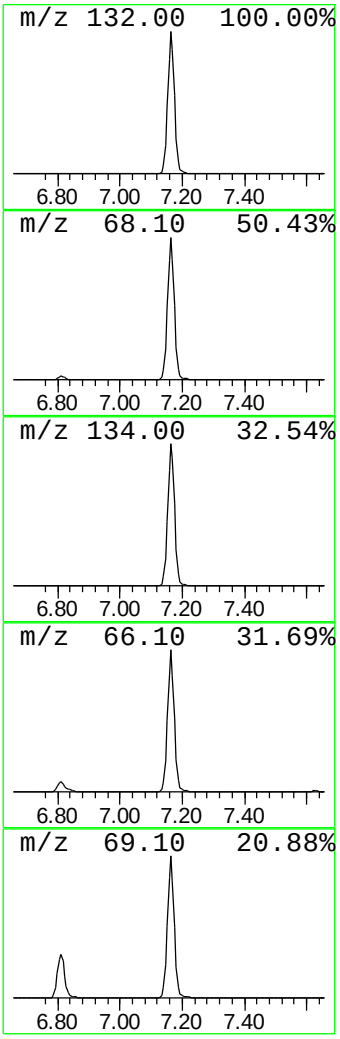
Peak Number 1 unknown7.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	110.74 ng	6728520	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : T-2

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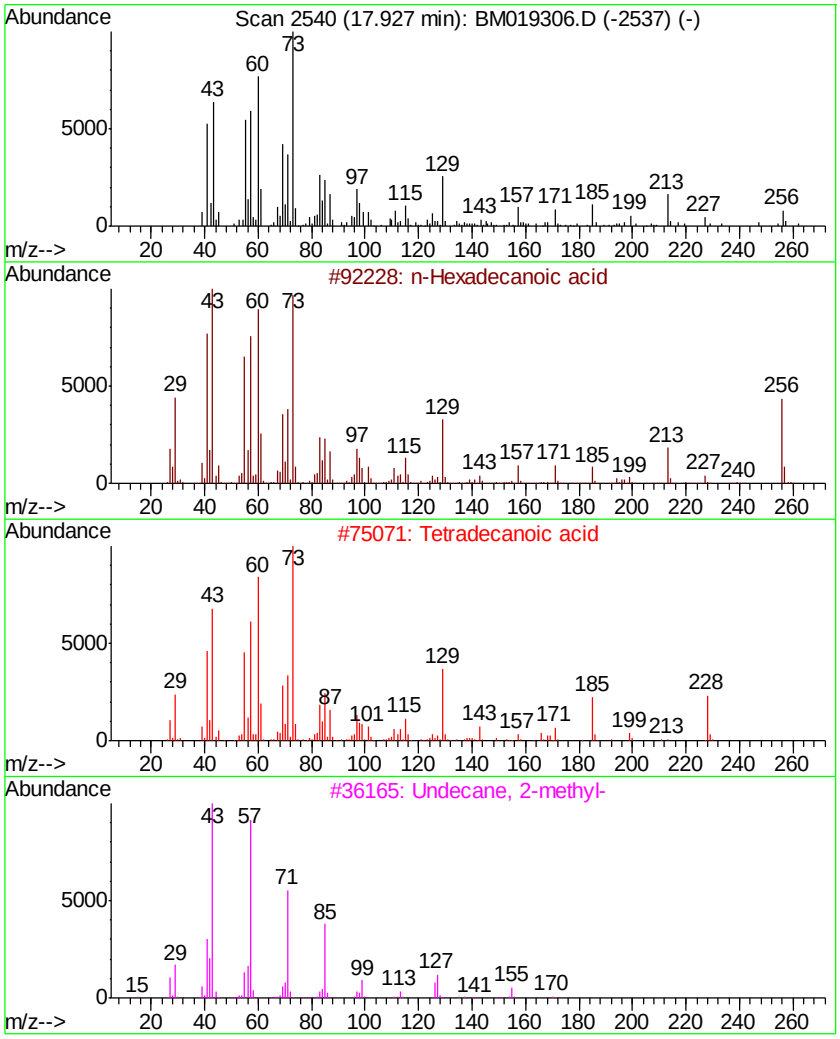
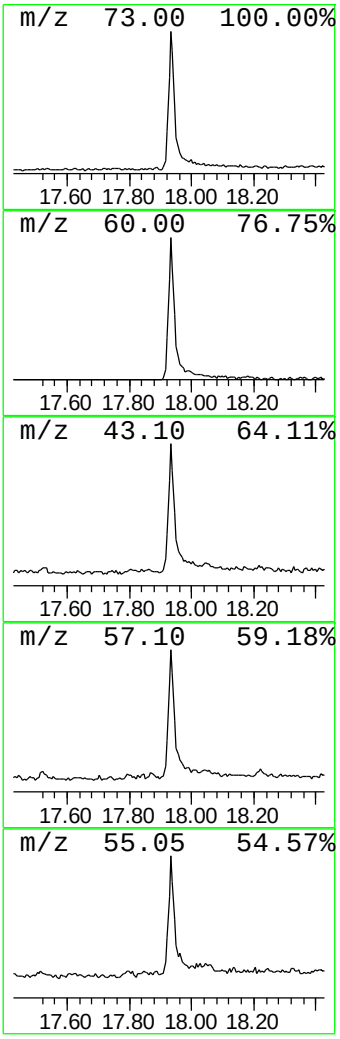
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.85 ng	581275	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	25
4	Hexadecane	226	C16H34	000544-76-3	18
5	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	15





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Sample : K1941-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : T-2

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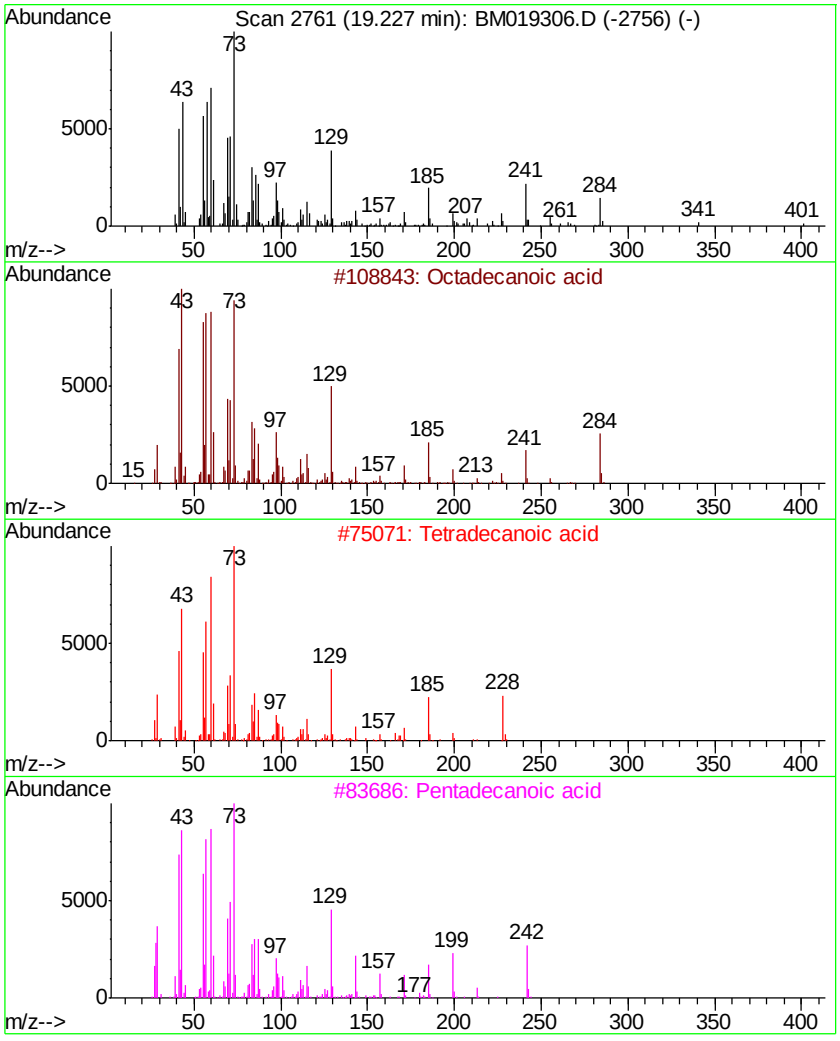
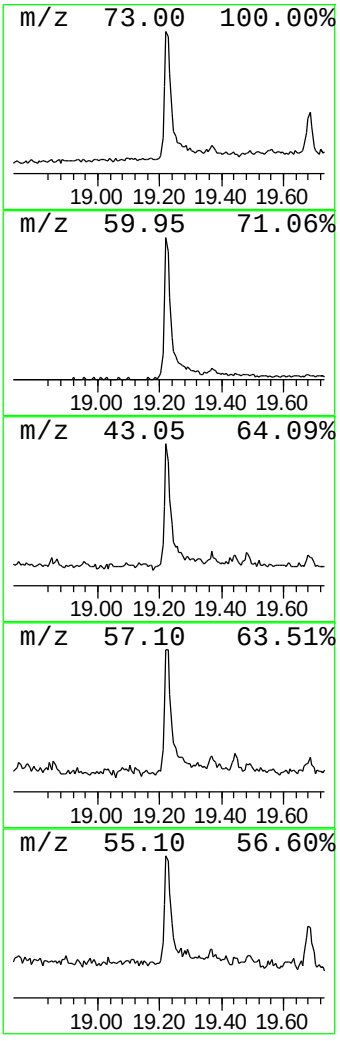
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.61 ng	430116	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Instrument : BNA_M
ClientSampleId : T-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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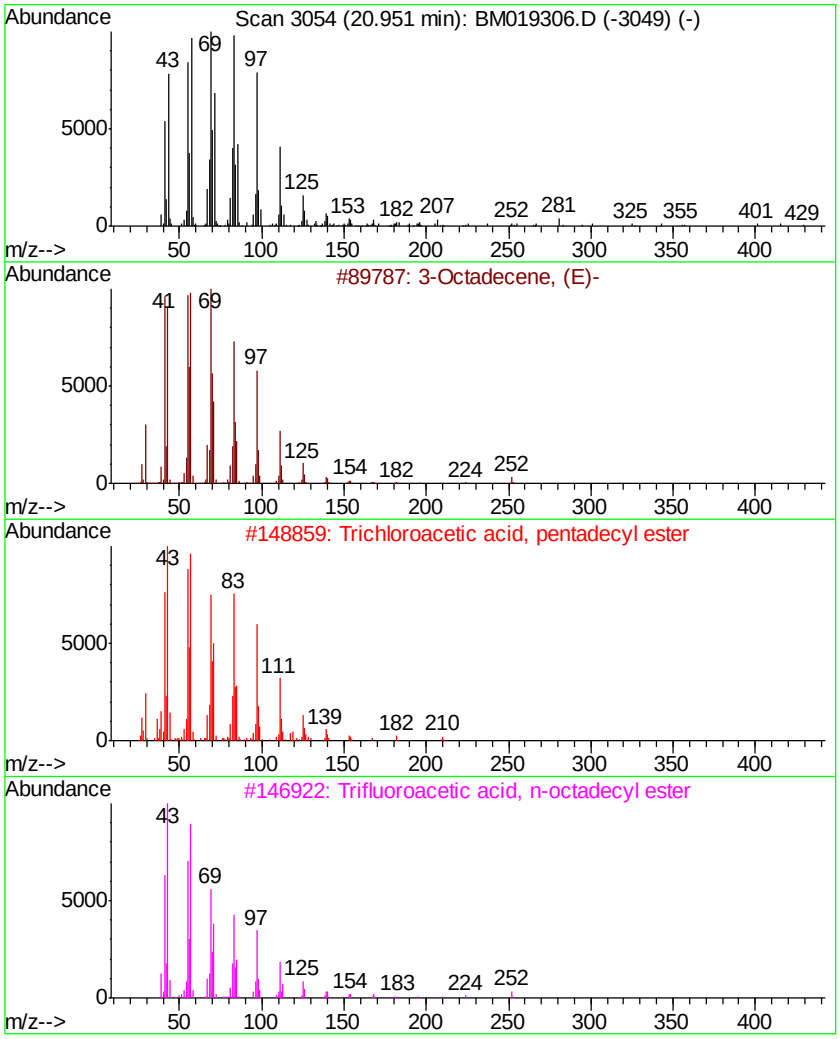
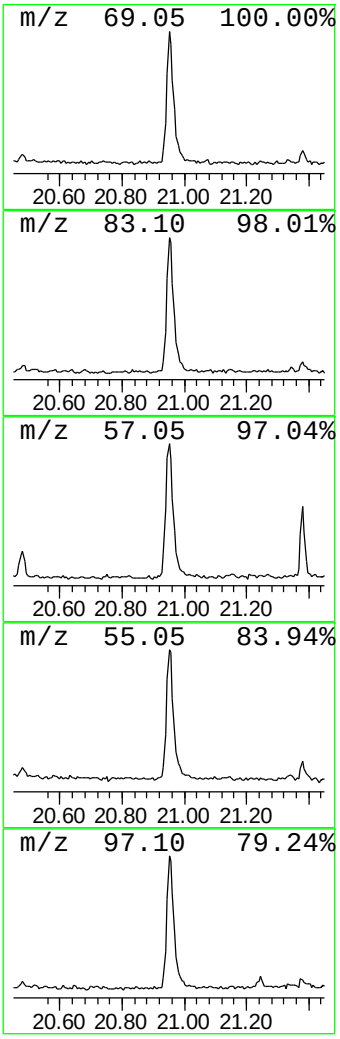
Peak Number 5 3-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	5.56 ng	663305	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	95
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





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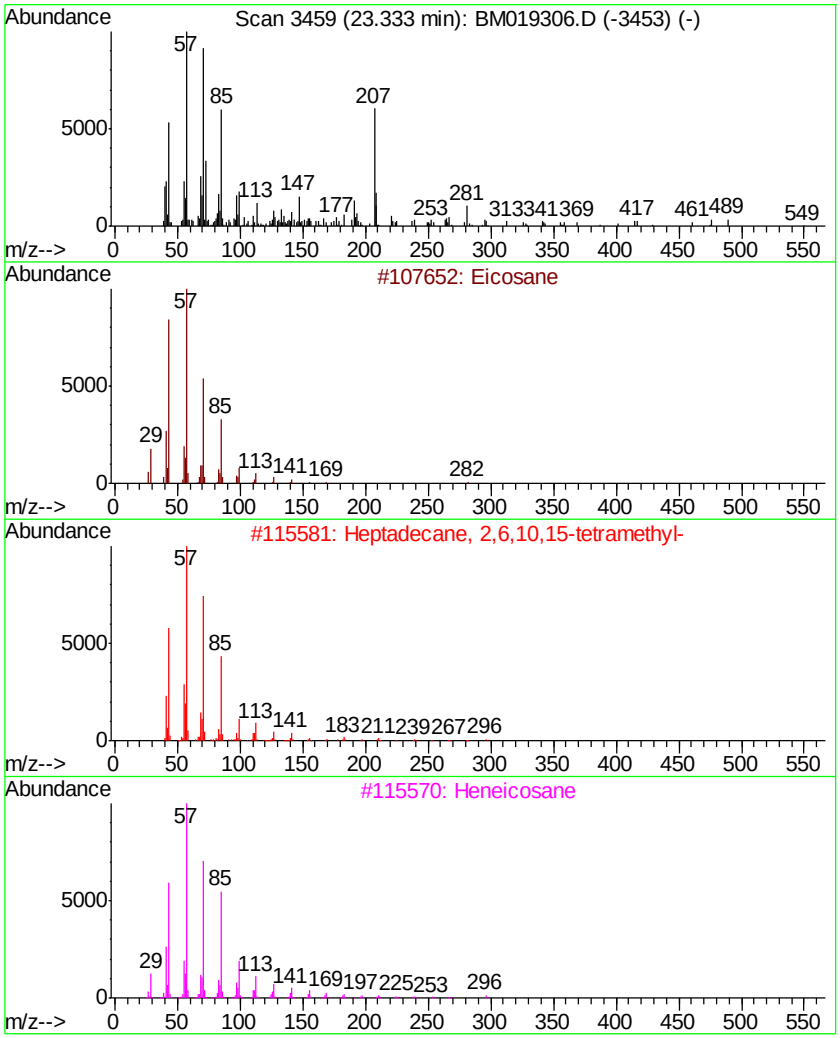
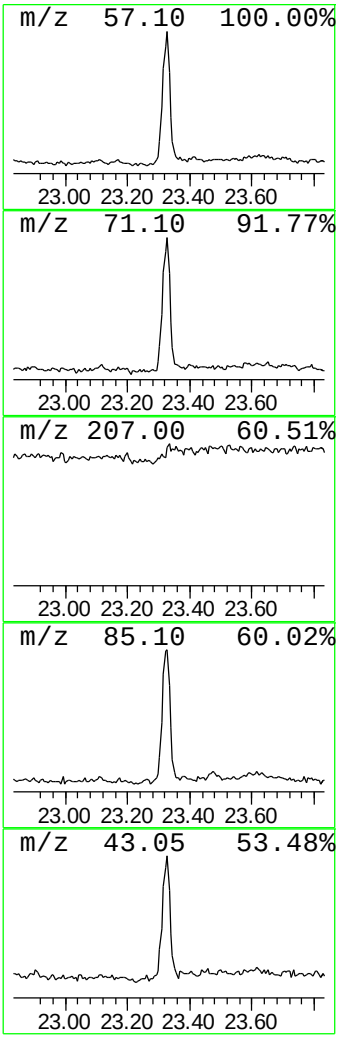
Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	2.83 ng	313177	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
3	Heneicosane	296	C21H44	000629-94-7	70
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	53
5	Octadecane	254	C18H38	000593-45-3	53





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.16	7.16	110.7	ng	6728520	1	7.63	1215190	20.0
n-Hexadecanoic acid	17.93	3.9	ng	581275	4	17.04	3016350	20.0
Octadecanoic acid	19.23	3.6	ng	430116	5	21.24	2385730	20.0
3-Octadecene, (E)-	20.95	5.6	ng	663305	5	21.24	2385730	20.0
Eicosane	23.33	2.8	ng	313177	6	23.47	2216320	20.0