LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019152.D
Acq On : 13 Mar 2019 18:53
Operator : JU/SJ
Sample : K1861-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF-08-031119

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	5.257	380	386	401	rBV	3561280	5296491	31.80%	6.476%
2	6.840	648	655	676	rBV	4010791	6508853	39.07%	7.959%
3	7.192	708	715	728	rBV	4006553	6233894	37.42%	7.623%
4	7.657	787	794	804	rBV	721787	1154339	6.93%	1.411%
5	7.975	840	848	861	rBV	2566603	4096337	24.59%	5.009%
6	8.828	985	993	1012	rBV	2147412	3684345	22.12%	4.505%
7	10.445	1261	1268	1287	rBV	947441	1692230	10.16%	2.069%
8	12.927	1683	1690	1711	rBV	6286644	9283424	55.73%	11.351%
9	13.780	1829	1835	1846	rBV	323019	538075	3.23%	0.658%
10	14.310	1919	1925	1941	rBV2	1683013	2641647	15.86%	3.230%
11	15.815	2173	2181	2202	rBV	6457529	9646612	57.91%	11.796%
12	17.068	2387	2394	2415	rBV	2191878	3344433	20.08%	4.089%
13	17.956	2539	2545	2557	rBV	453409	765844	4.60%	0.936%
14	19.703	2836	2842	2856	rBV	13236398	16657589	100.00%	20.368%
15	20.962	3052	3056	3069	rBV	1459522	1824794	10.95%	2.231%
16	21.262	3102	3107	3118	rBV	2959556	3930623	23.60%	4.806%
17	21.833	3201	3204	3206	rBV	152987	186752	1.12%	0.228%
18	22.291	3279	3282	3287	rVB	157333	198410	1.19%	0.243%
19	22.786	3364	3366	3371	rVB	169626	221017	1.33%	0.270%
20	23.503	3481	3488	3503	rVB	1668522	3313377	19.89%	4.051%
21	24.091	3583	3588	3599	rVB2	283829	563026	3.38%	0.688%

Sum of corrected areas: 81782112

LSC Report - Integrated Chromatogram

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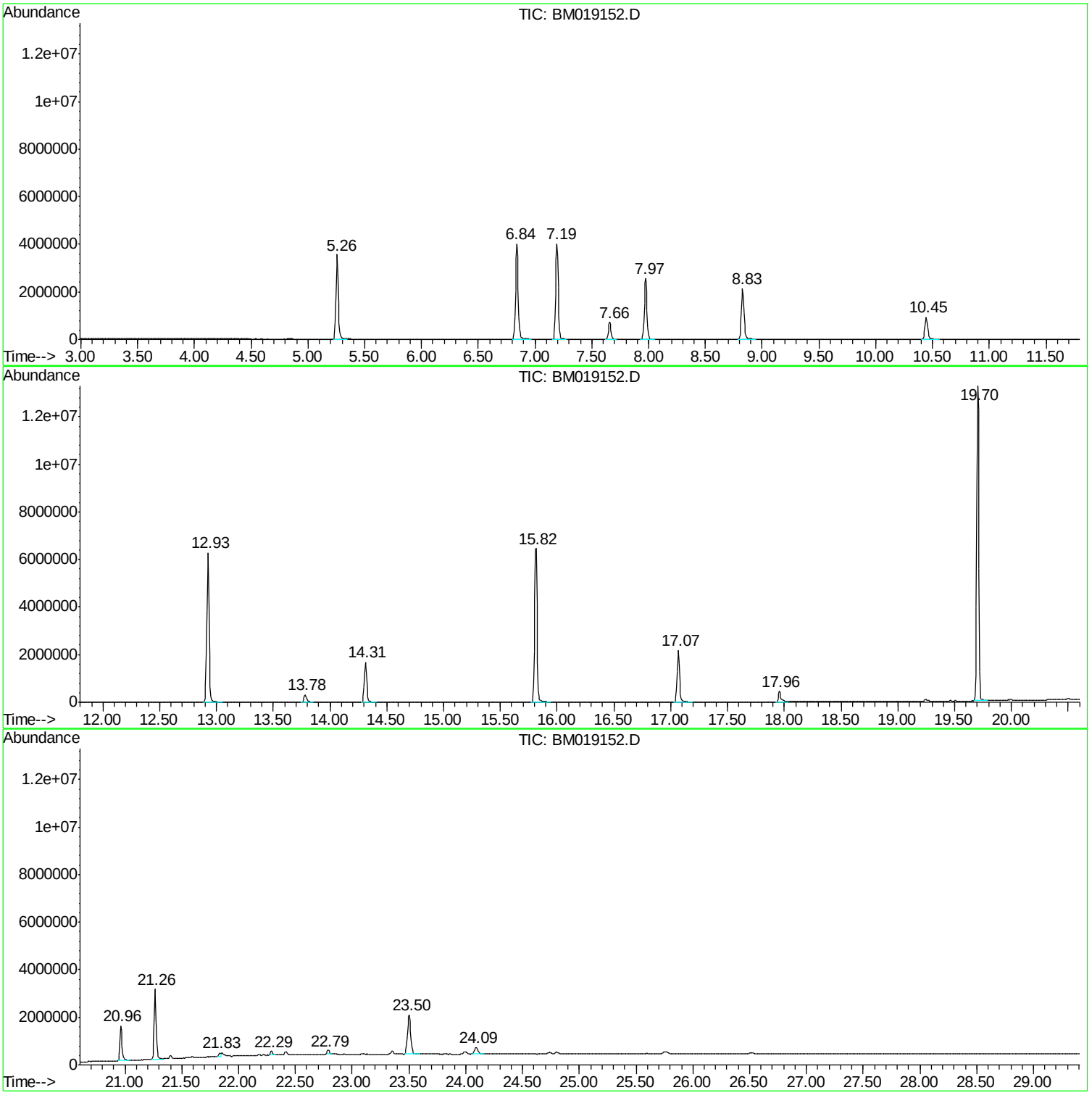
Instrument : BNA_M
ClientSampleId : BF-08-031119

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
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Operator : JU/SJ
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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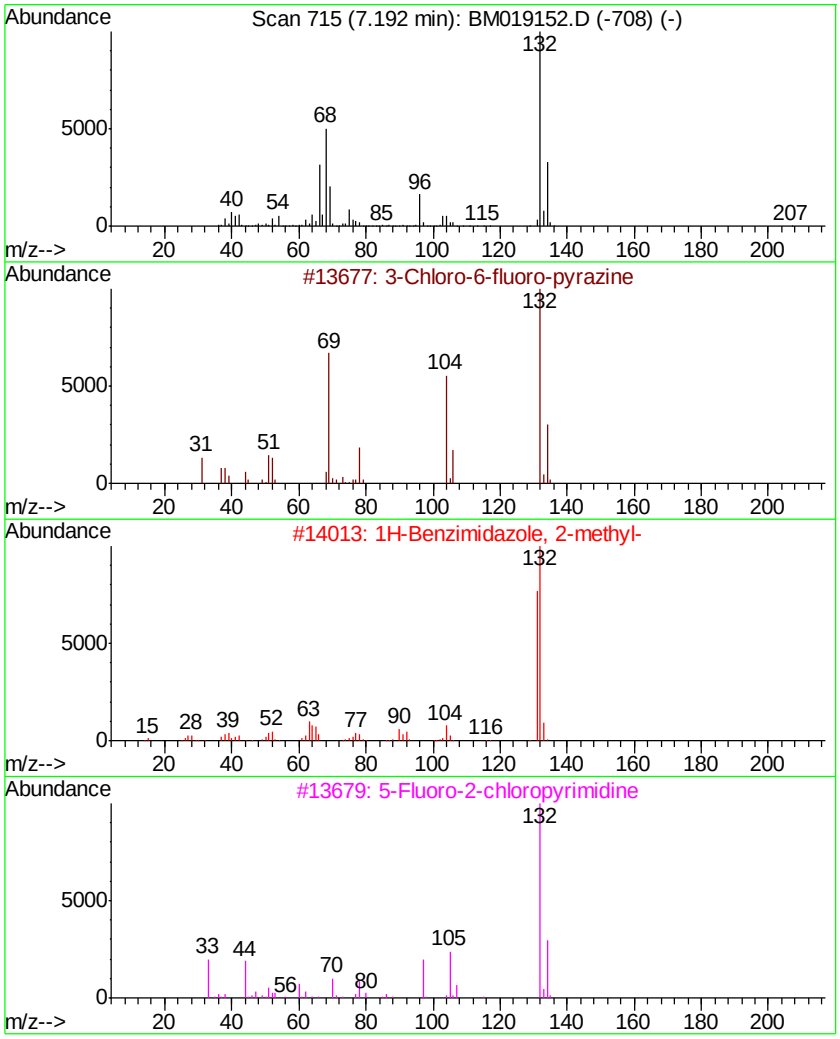
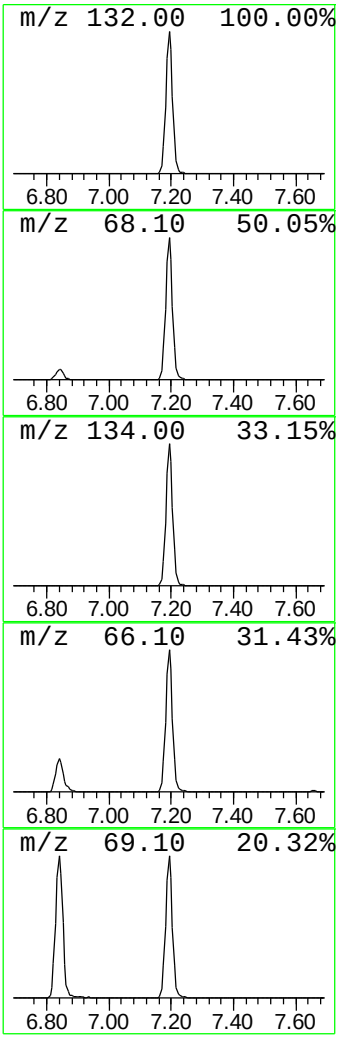
Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	108.01 ng	6233890	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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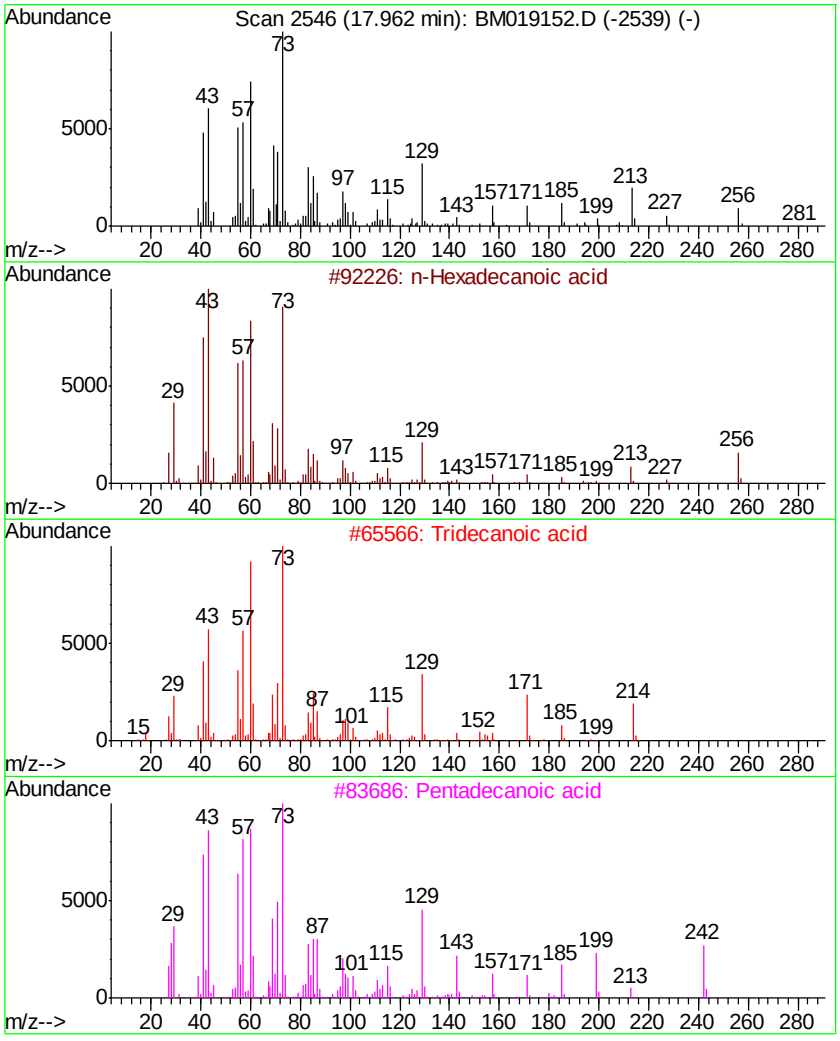
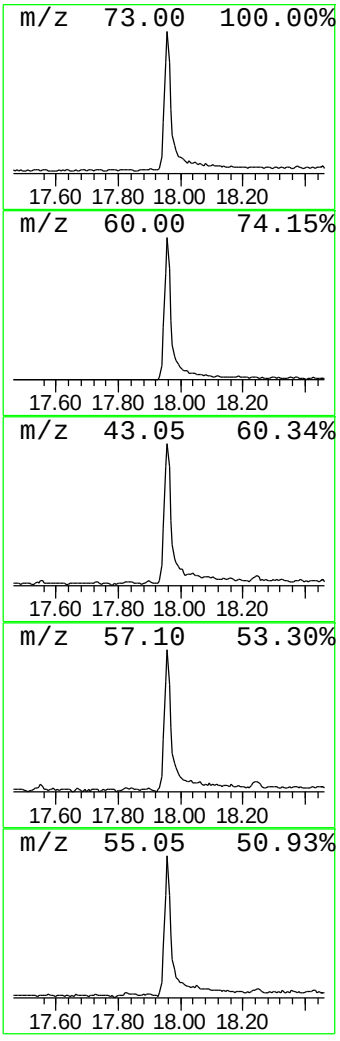
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.58 ng	765844	Phenanthrene-d10	17.07

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	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019152.D
Acq On : 13 Mar 2019 18:53
Operator : JU/SJ
Sample : K1861-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF-08-031119

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
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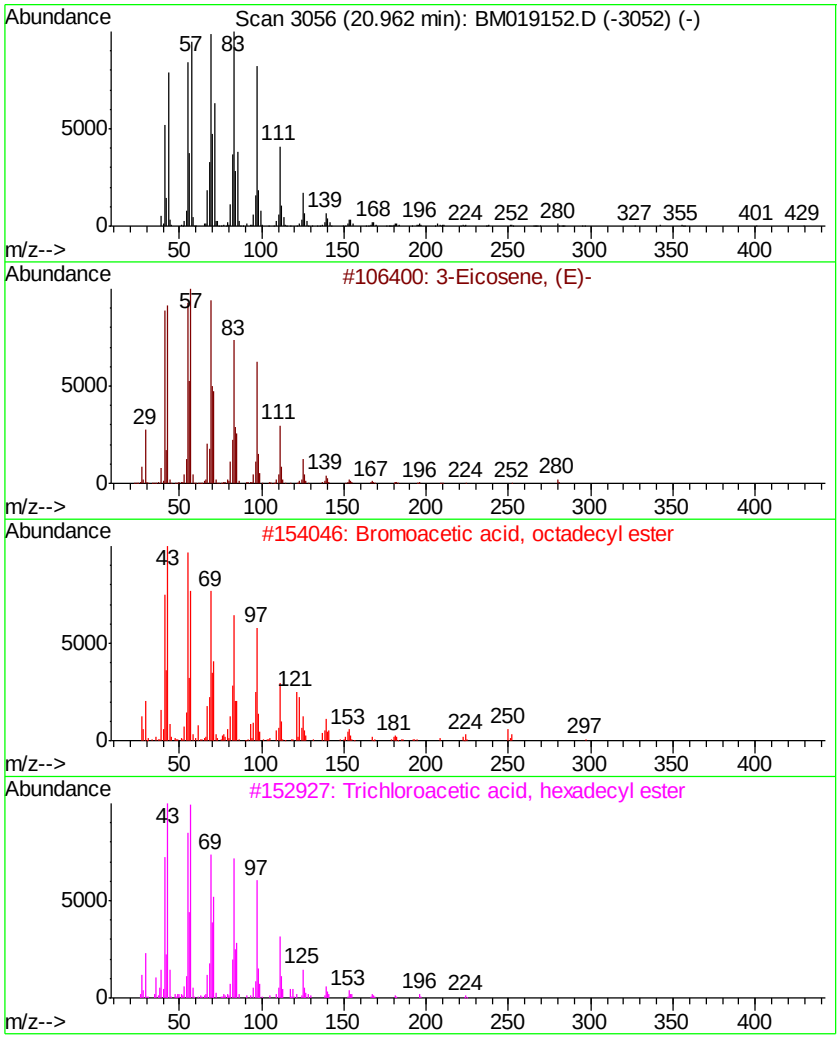
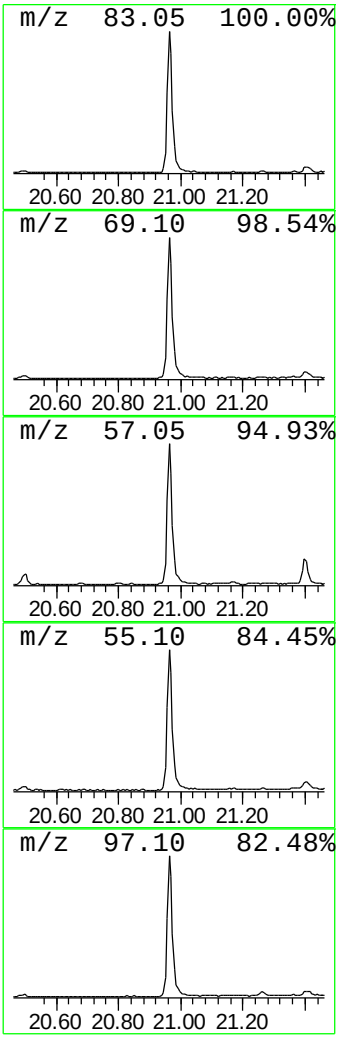
Peak Number 4 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	9.29 ng	1824790	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	83





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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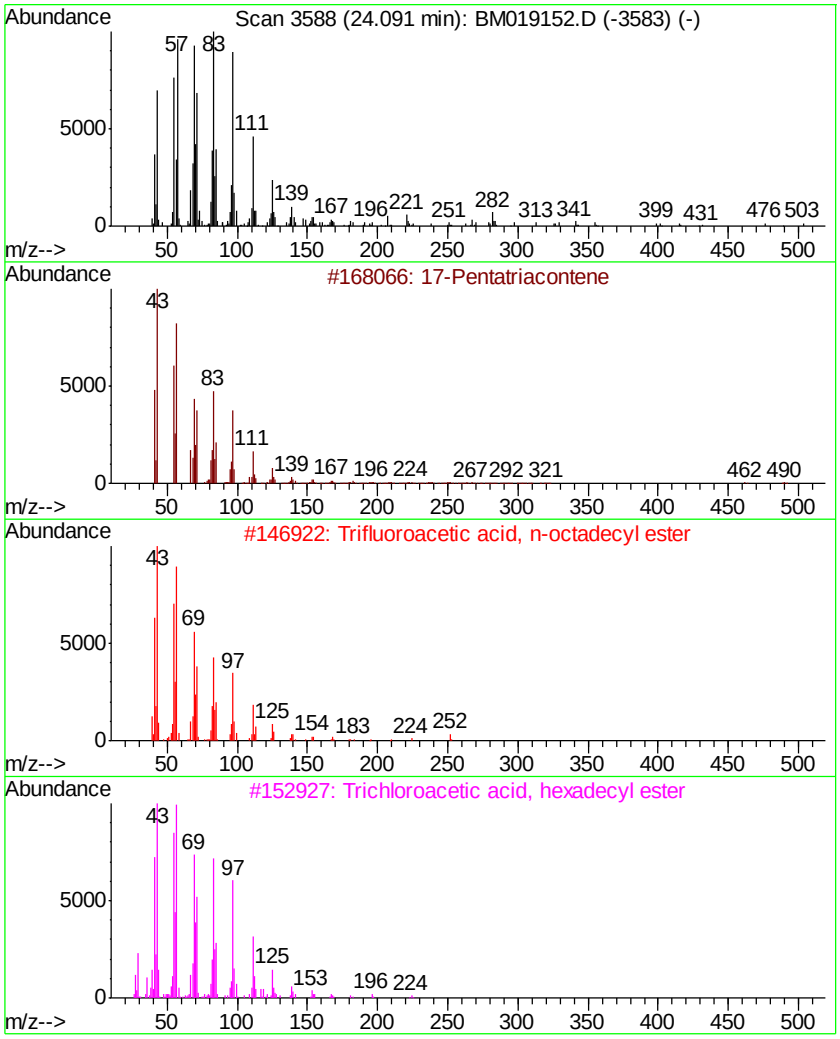
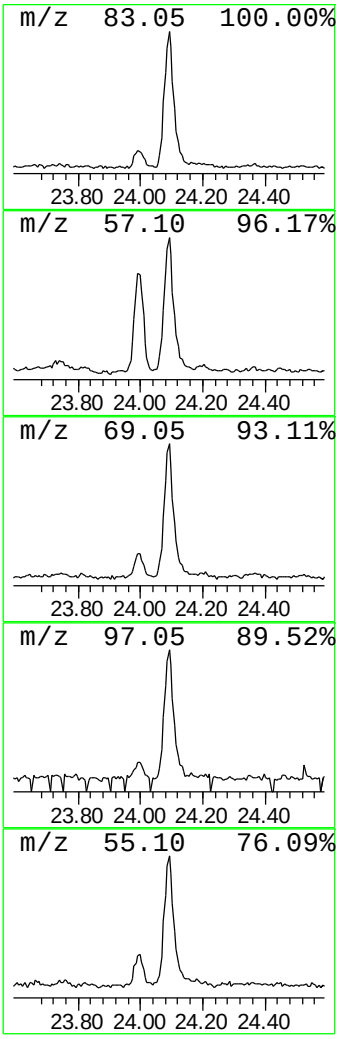
****

Peak Number 5 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	3.40 ng	563026	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4	1-Triacontanol	438	C30H62O	000593-50-0	81
5	1-Docosene	308	C22H44	001599-67-3	74





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
unknown7.19	7.19	108.0	ng	6233890	1	7.66	1154340	20.0
n-Hexadecanoic acid	17.96	4.6	ng	765844	4	17.07	3344430	20.0
3-Eicosene, (E)-	20.96	9.3	ng	1824790	5	21.26	3930620	20.0
17-Pentatriacontene	24.09	3.4	ng	563026	6	23.50	3313380	20.0