LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019084.D
Acq On : 08 Mar 2019 21:28
Operator : JU/SJ
Sample : K1807-41
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-21

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-BM021119.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	5.269	365	371	388	rBV	3191353	4480054	65.34%	9.179%
2	6.851	631	640	653	rBV	2811157	4690135	68.40%	9.609%
3	7.204	693	700	717	rBV	3212321	4927007	71.86%	10.095%
4	7.669	771	779	787	rBV	697183	1084240	15.81%	2.221%
5	7.987	825	833	845	rBV	2021771	3284611	47.90%	6.730%
6	8.834	970	977	992	rBV	1540208	2731256	39.83%	5.596%
7	10.457	1244	1253	1268	rBV	756723	1354569	19.76%	2.775%
8	12.933	1666	1674	1697	rBV	3107621	4709219	68.68%	9.648%
9	13.792	1813	1820	1830	rBV	215948	364279	5.31%	0.746%
10	14.210	1881	1891	1904	rBV2	66857	214886	3.13%	0.440%
11	14.321	1904	1910	1926	rVB2	972640	1621800	23.65%	3.323%
12	15.821	2159	2165	2184	rBV	2777537	4182699	61.00%	8.570%
13	17.080	2371	2379	2390	rBV2	1126850	1824745	26.61%	3.739%
14	17.962	2525	2529	2545	rBV	250595	471138	6.87%	0.965%
15	19.251	2743	2748	2759	rBV2	109413	210262	3.07%	0.431%
16	19.709	2821	2826	2841	rBV	5258610	6856792	100.00%	14.048%
17	20.974	3037	3041	3046	rBV2	181642	239025	3.49%	0.490%
18	21.274	3087	3092	3103	rBV	1716723	2292265	33.43%	4.696%
19	21.839	3185	3188	3195	rBV	106547	153226	2.23%	0.314%
20	22.297	3263	3266	3273	rVB2	157797	207412	3.02%	0.425%
21	22.803	3348	3352	3357	rBV	192089	260369	3.80%	0.533%
22	23.368	3444	3448	3457	rVB	187671	292889	4.27%	0.600%
23	23.515	3467	3473	3485	rVB	1186630	2355808	34.36%	4.827%

Sum of corrected areas: 48808686

LSC Report - Integrated Chromatogram

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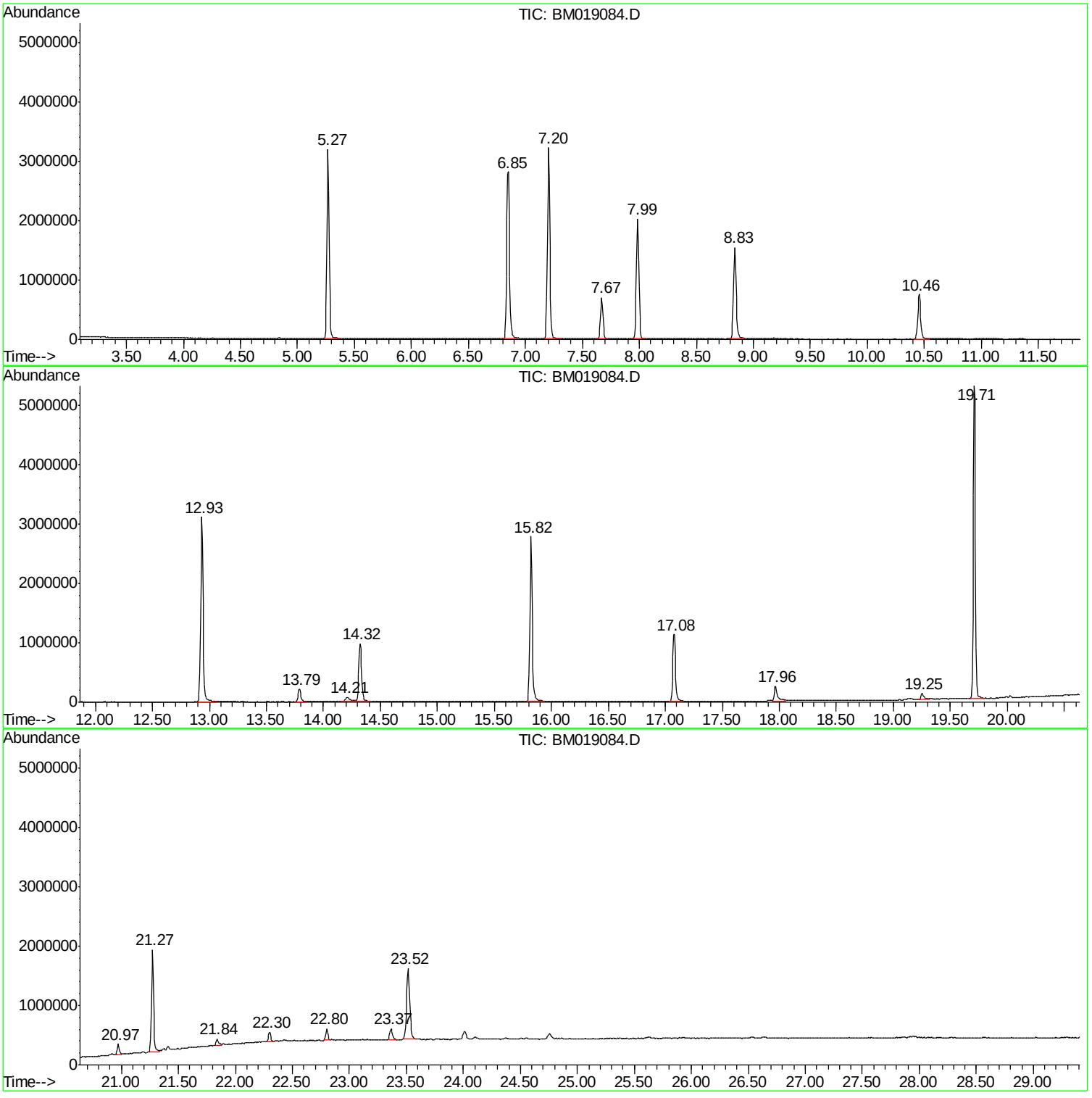
Instrument : BNA_M
ClientSampleId : TP-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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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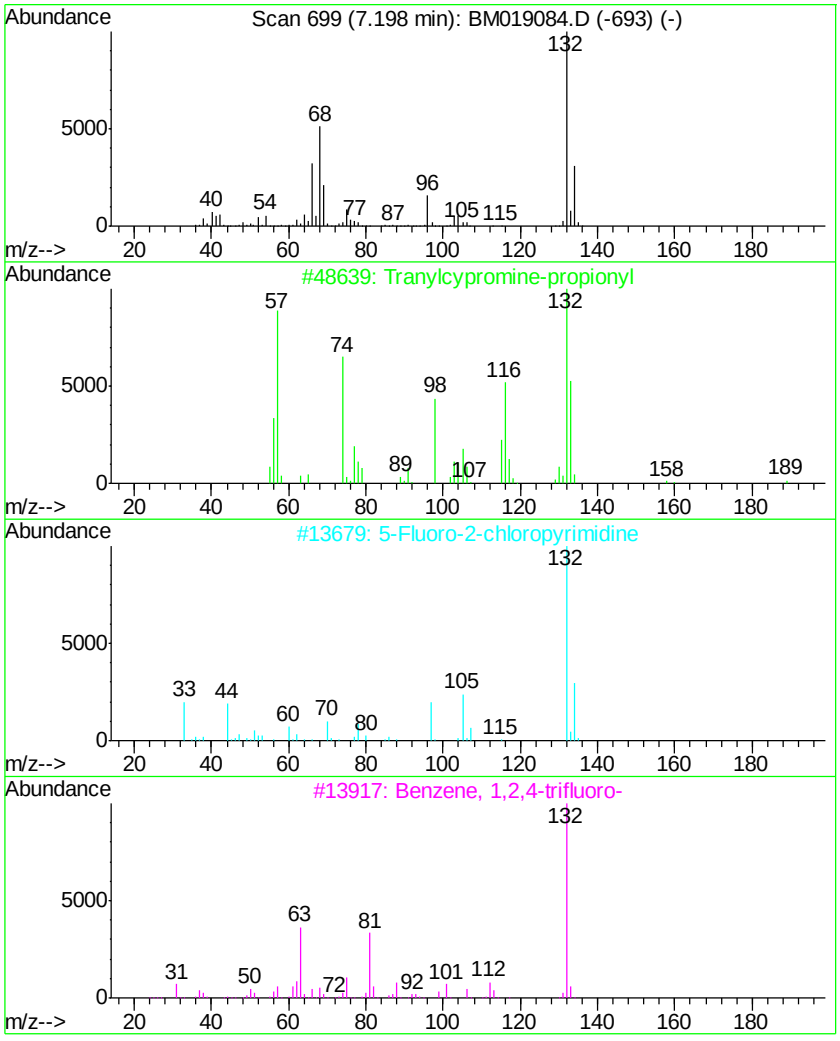
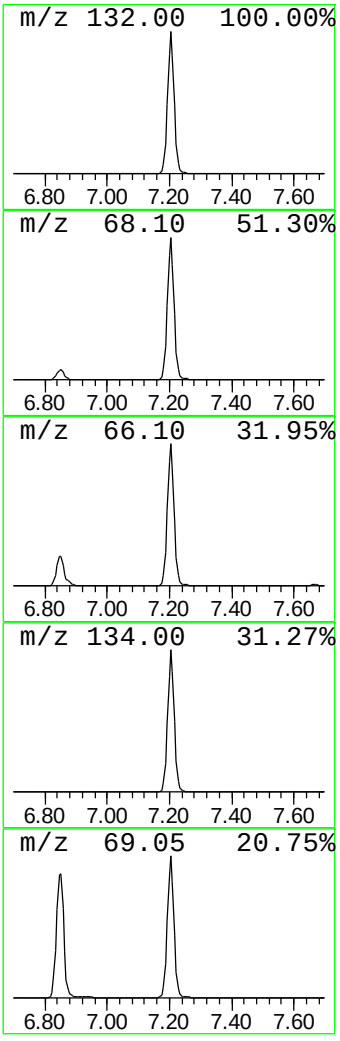
****

Peak Number 1 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	90.88 ng	4927010	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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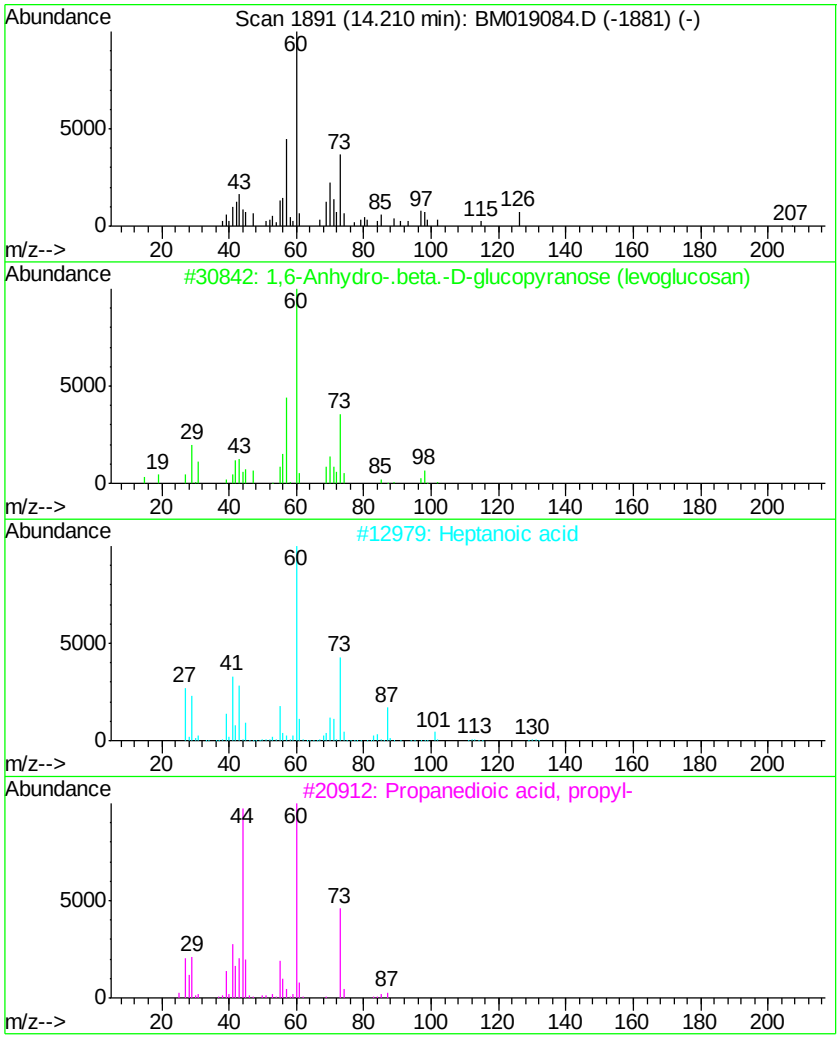
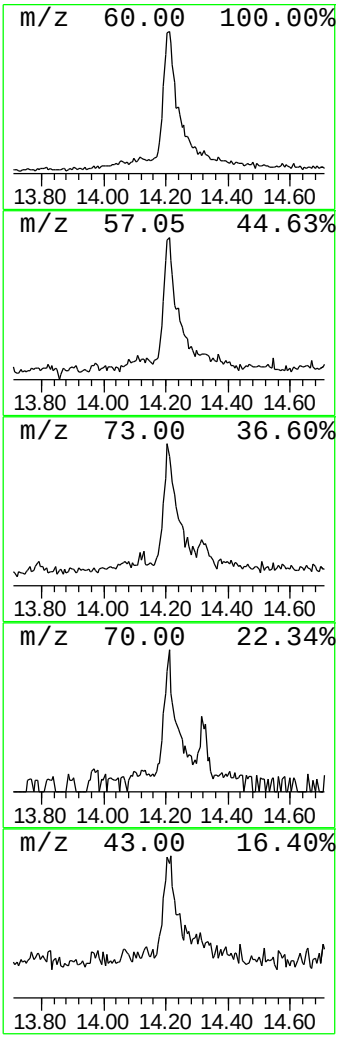
Peak Number 3 1,6-Anhydro-.beta.-D-glucop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	2.65 ng	214886	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	64
2	Heptanoic acid	130	C7H14O2	000111-14-8	53
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	40
4	Pentanoic acid	102	C5H10O2	000109-52-4	40
5	Hexanoic acid	116	C6H12O2	000142-62-1	40





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Misc :
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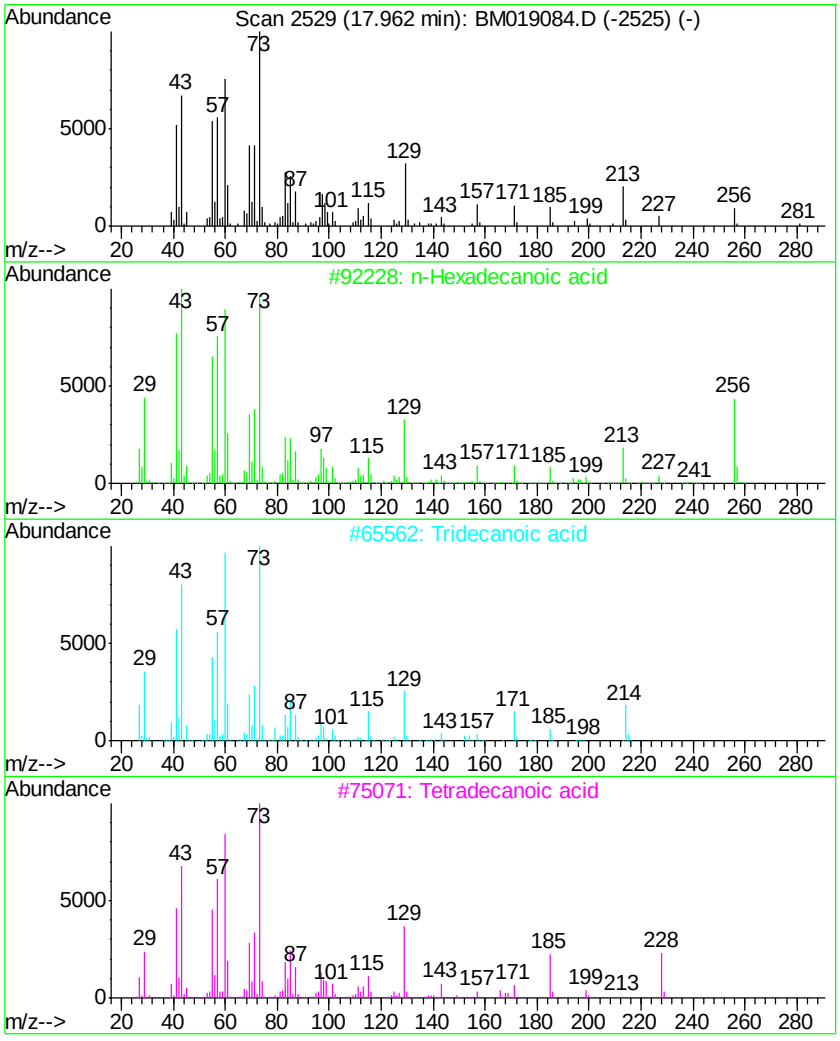
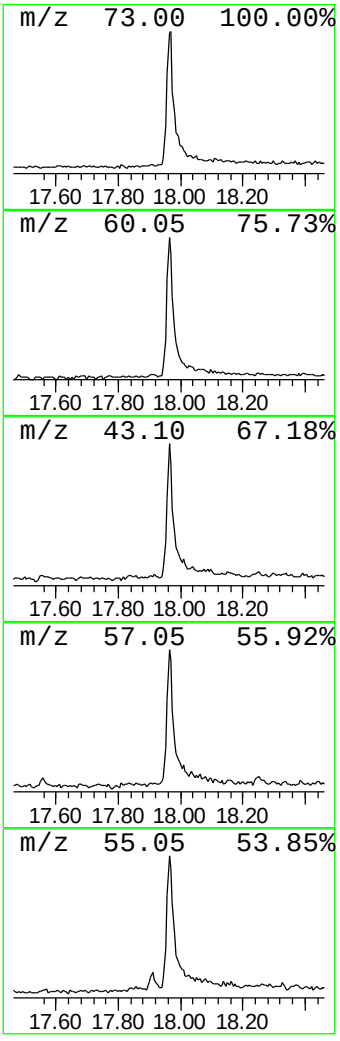
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	5.16 ng	471138	Phenanthrene-d10	17.08

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	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	Tridecane	184	C13H28	000629-50-5	11





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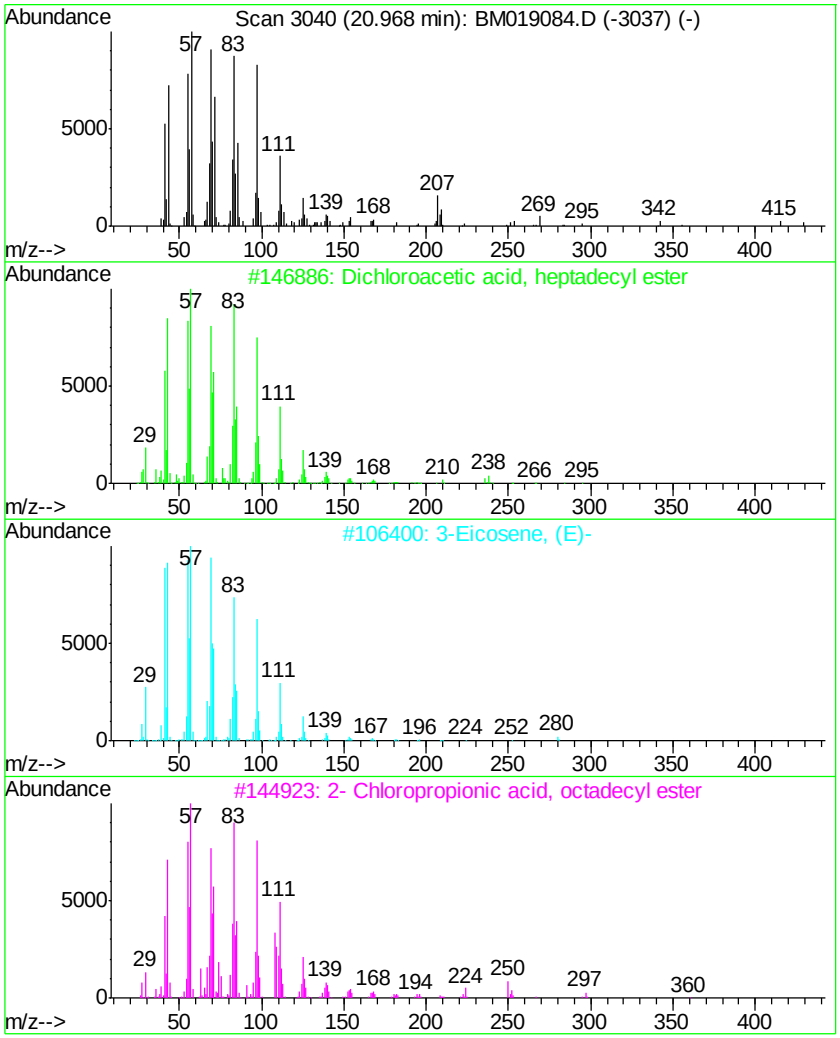
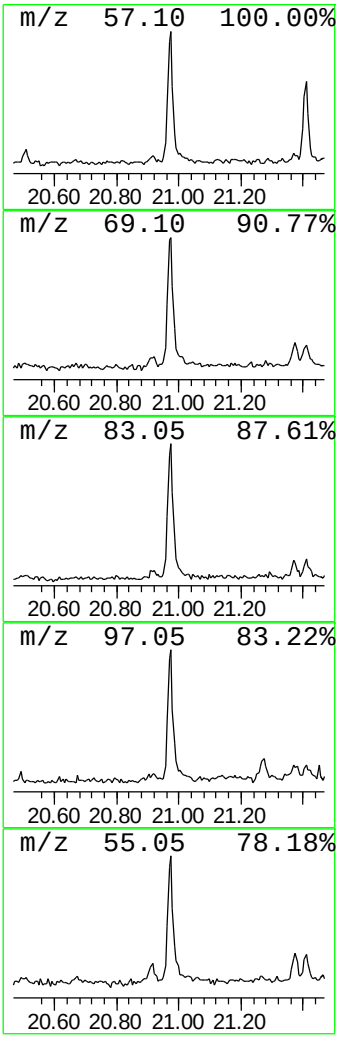
Peak Number 5 Dichloroacetic acid, heptad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.09 ng	239025	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	86





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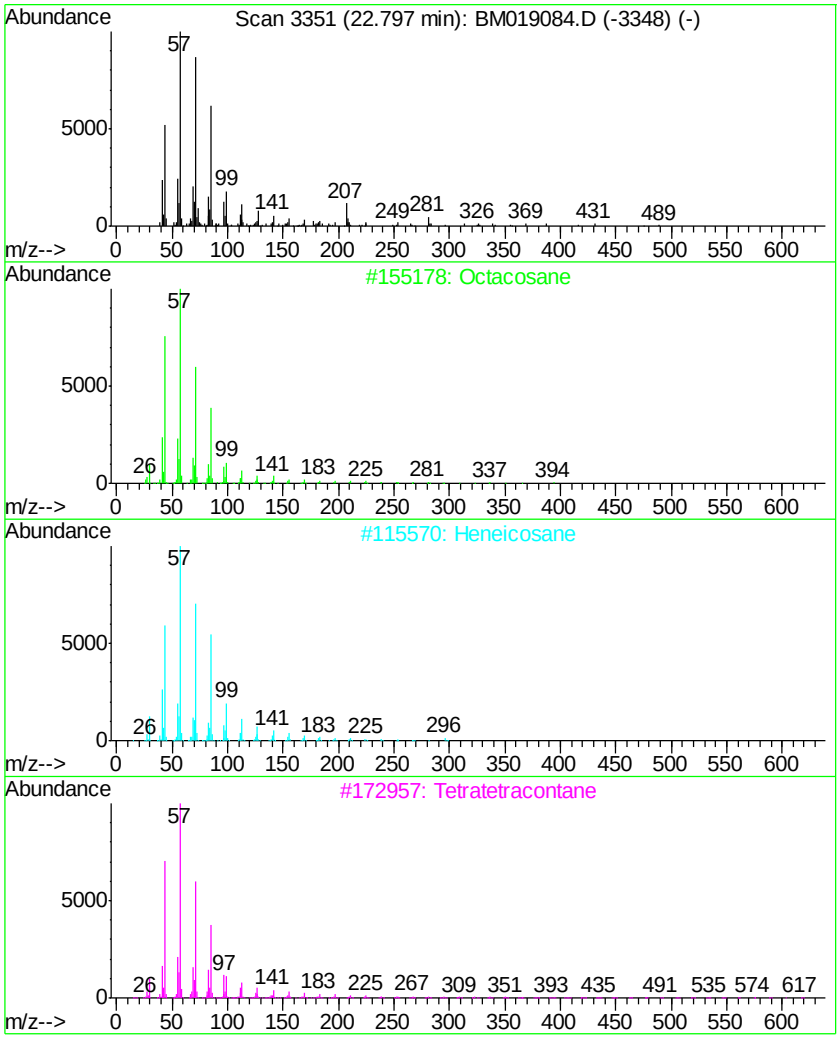
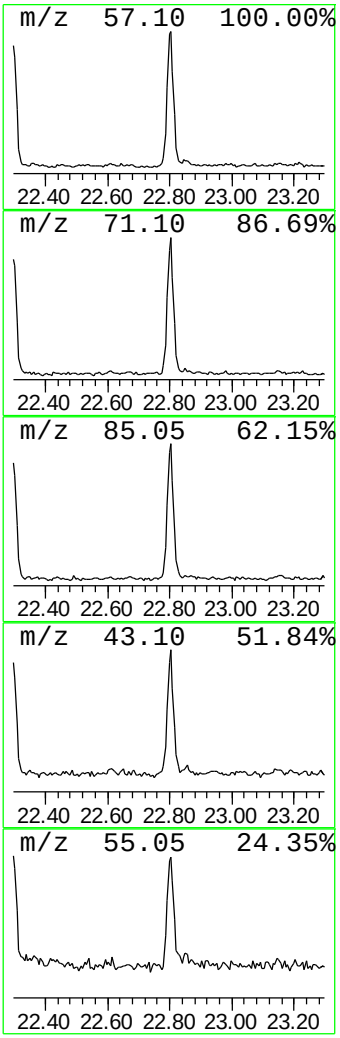
Peak Number 6 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.21 ng	260369	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetratetracontane	619	C44H90	007098-22-8	83
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80





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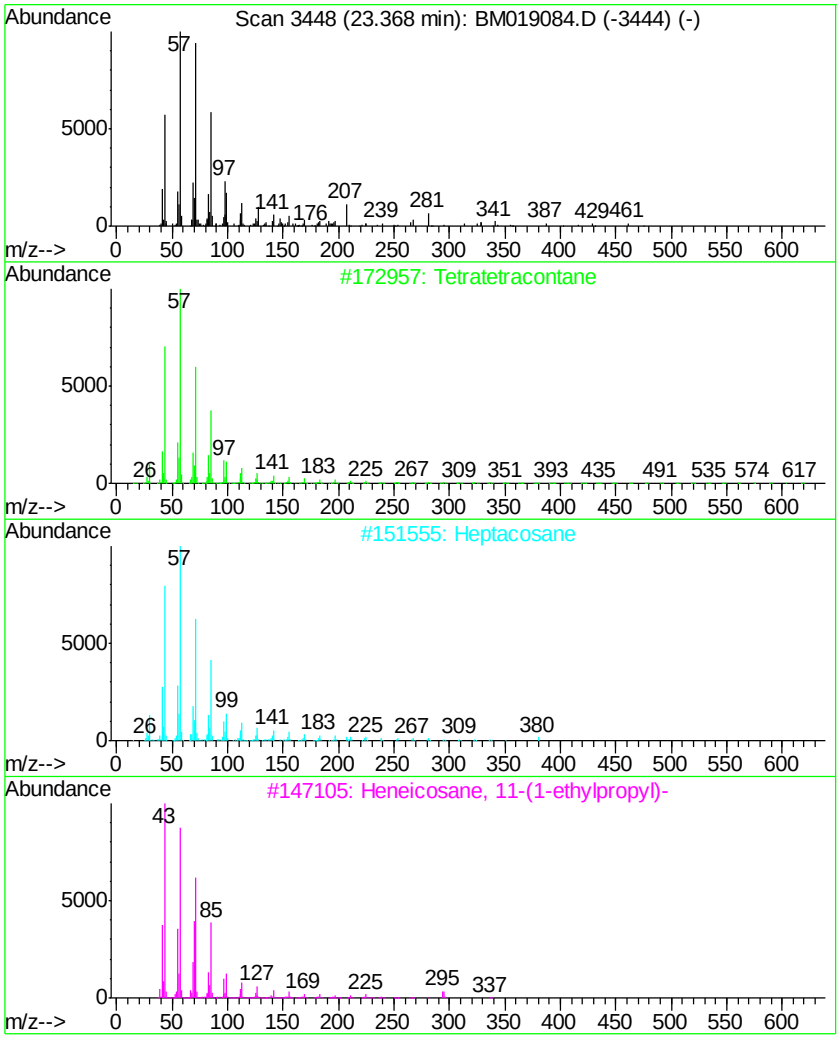
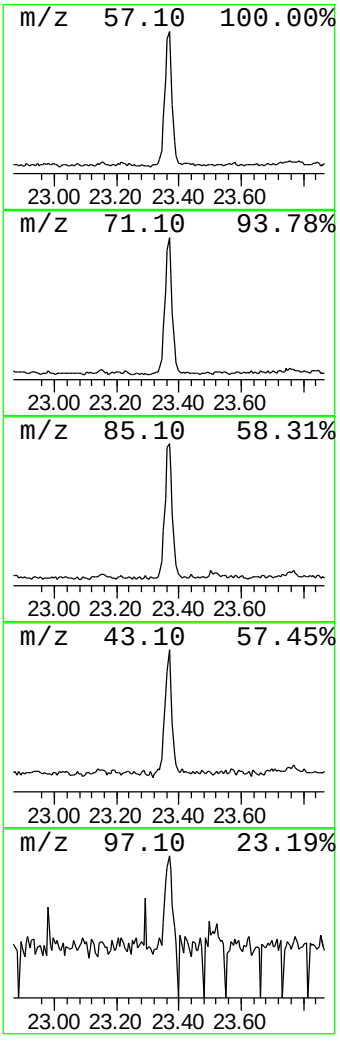
****

Peak Number 7 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	2.49 ng	292889	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	83
2	Heptacosane	380	C27H56	000593-49-7	80
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
5	Docosane	310	C22H46	000629-97-0	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
unknown7.20	7.20	90.9	ng	4927010	1	7.67	1084240	20.0
1,6-Anhydro-.beta...	14.21	2.6	ng	214886	3	14.32	1621800	20.0
n-Hexadecanoic acid	17.96	5.2	ng	471138	4	17.08	1824750	20.0
Dichloroacetic ac...	20.97	2.1	ng	239025	5	21.27	2292270	20.0
Octacosane	22.80	2.2	ng	260369	6	23.52	2355810	20.0
Tetratetracontane	23.37	2.5	ng	292889	6	23.52	2355810	20.0