LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095358.D
Acq On : 23 May 2017 18:53
Operator : SJ/MA
Sample : I3243-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-TP-6

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:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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	5.131	538	543	572	rBV	211563	604851	16.25%	2.266%
2	5.725	640	644	672	rBV	1289369	2777700	74.61%	10.405%
3	7.301	908	912	928	rBV	1655891	2797418	75.14%	10.478%
4	7.419	928	932	952	rVB	2175694	3475399	93.35%	13.018%
5	7.754	986	989	999	rBV	472480	579799	15.57%	2.172%
6	7.995	1024	1030	1046	rBV	1996973	2497846	67.10%	9.356%
7	8.660	1138	1143	1168	rBV	1142632	1889001	50.74%	7.076%
8	9.777	1329	1333	1358	rBV	423751	825914	22.19%	3.094%
9	11.542	1628	1633	1657	rBV	2431437	3722845	100.00%	13.945%
10	12.248	1749	1753	1762	rBV	219944	369334	9.92%	1.383%
11	12.607	1809	1814	1831	rBV2	557214	941829	25.30%	3.528%
12	13.436	1952	1955	1961	rVB2	35452	41031	1.10%	0.154%
13	13.901	2029	2034	2057	rBV	1058979	1859762	49.96%	6.966%
14	14.212	2082	2087	2095	rBV	31625	46749	1.26%	0.175%
15	15.012	2218	2223	2235	rBV	423393	740081	19.88%	2.772%
16	15.965	2381	2385	2395	rBV3	44785	91585	2.46%	0.343%
17	17.330	2611	2617	2629	rBV	1876621	2328541	62.55%	8.722%
18	18.577	2823	2829	2842	rBV5	31621	103182	2.77%	0.386%
19	18.689	2844	2848	2869	rVB	260150	462639	12.43%	1.733%
20	19.794	3033	3036	3044	rVB	51127	58924	1.58%	0.221%
21	20.359	3128	3132	3143	rBV	289725	482377	12.96%	1.807%

Sum of corrected areas: 26696807

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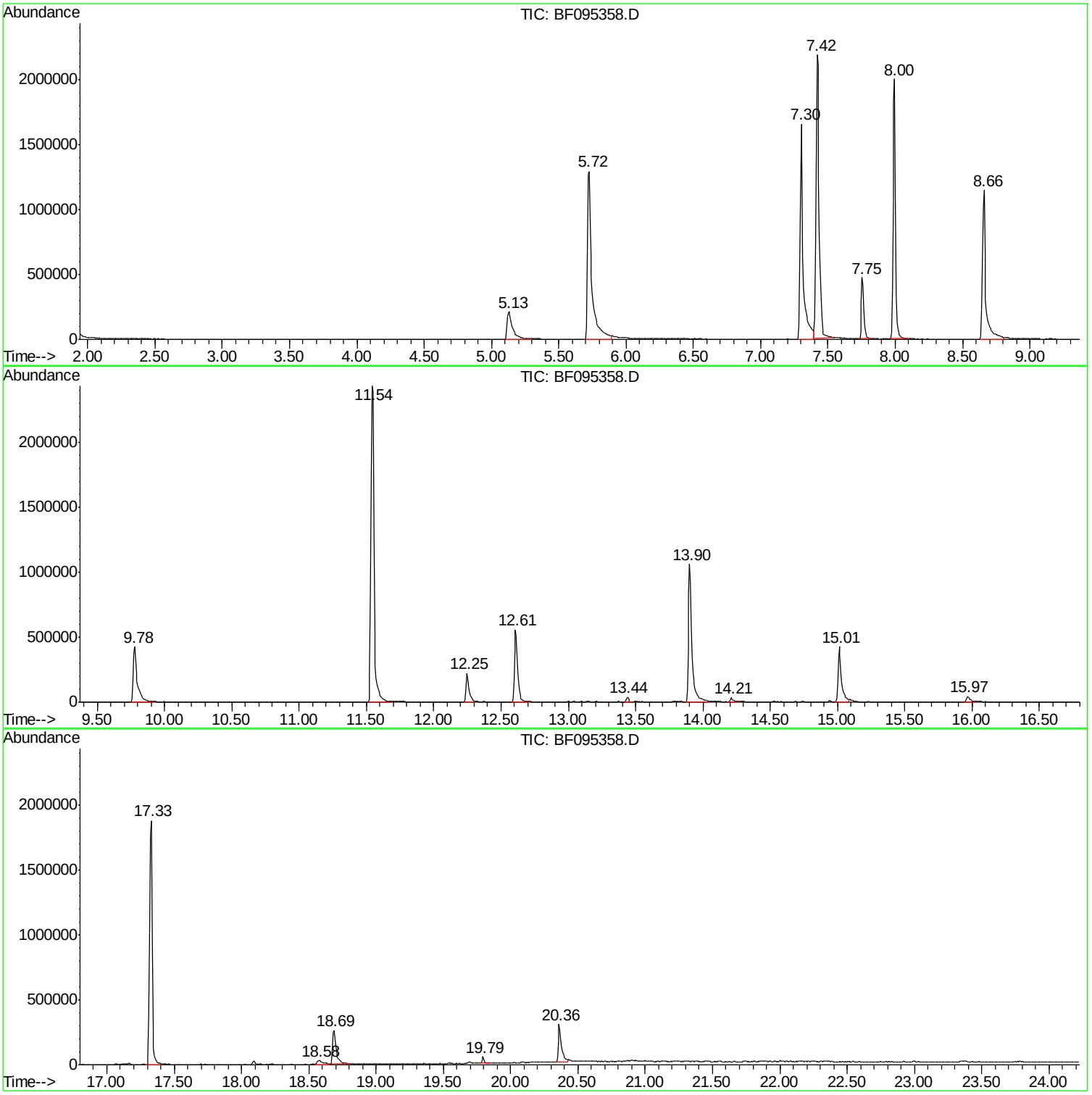
TP-5-TP-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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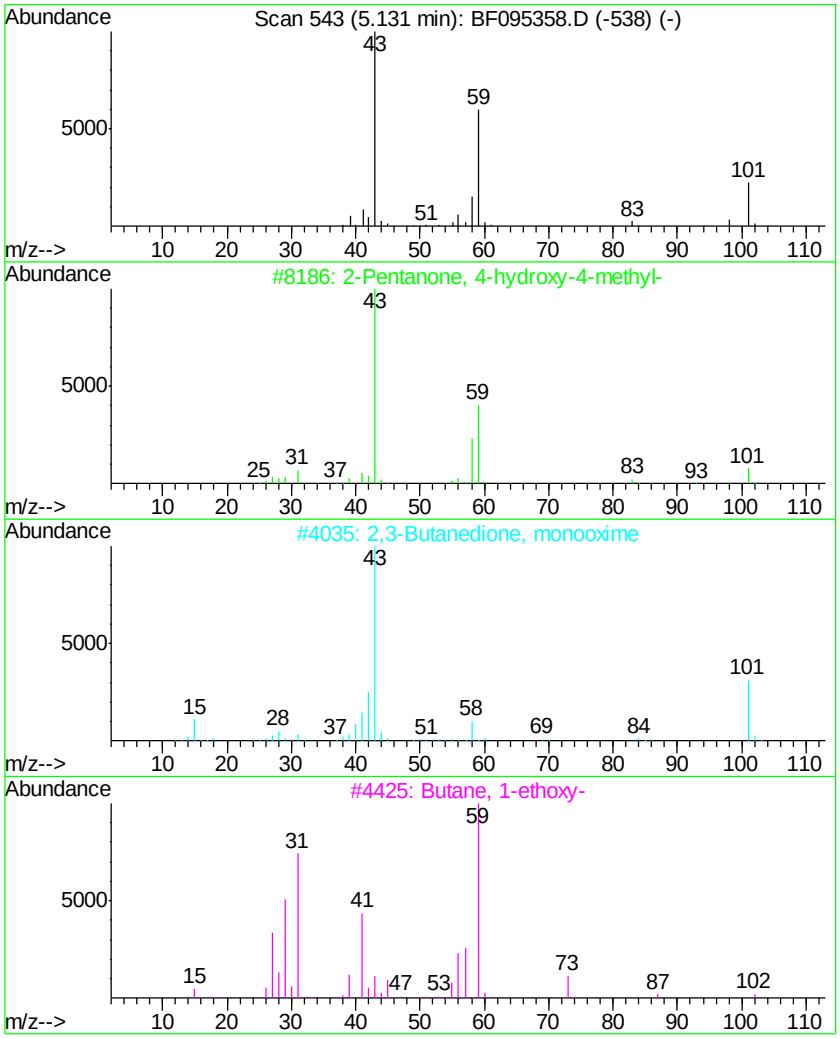
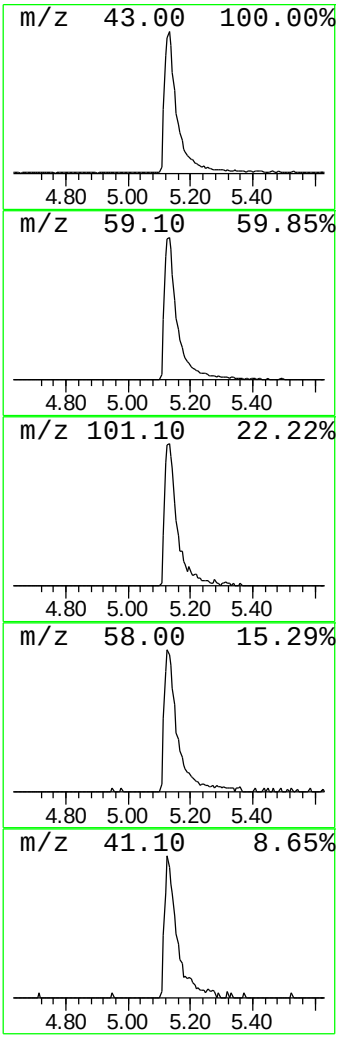
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	20.86 ng	604851	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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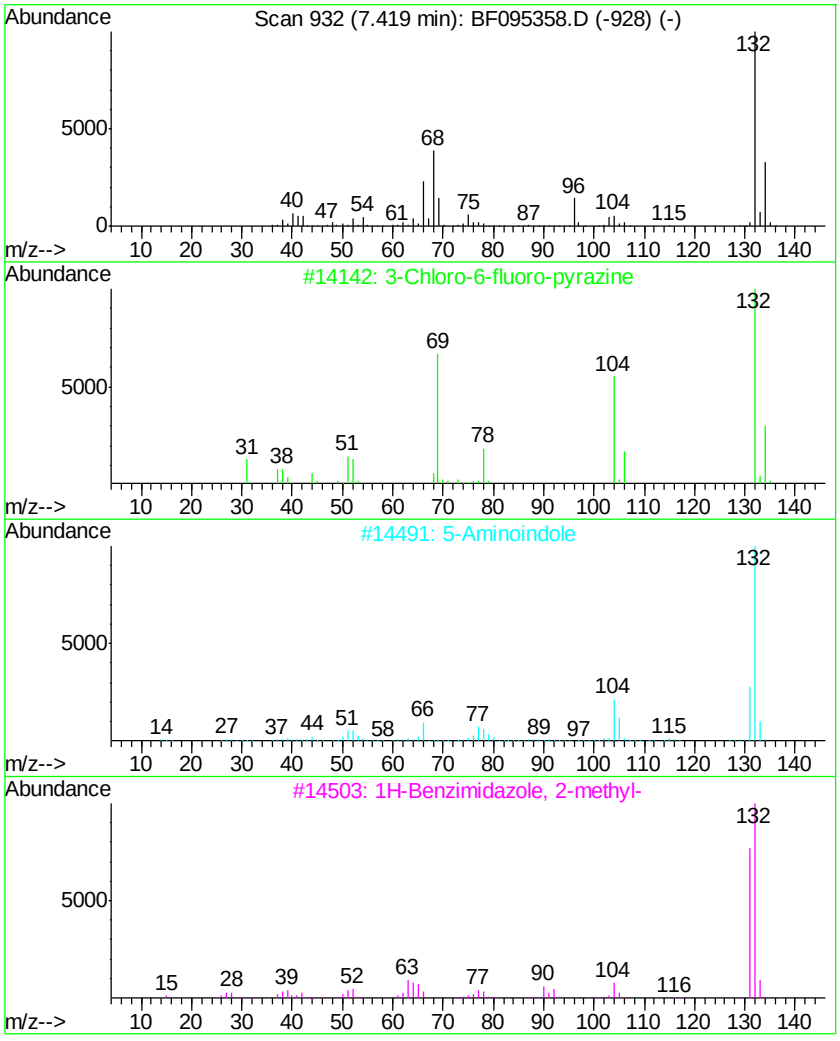
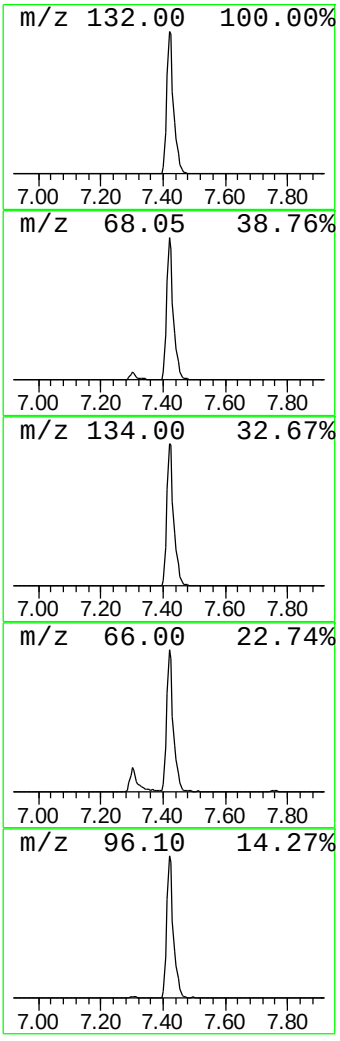
Peak Number 2 unknown7.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	119.88 ng	3475400	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Instrument : BNA_F
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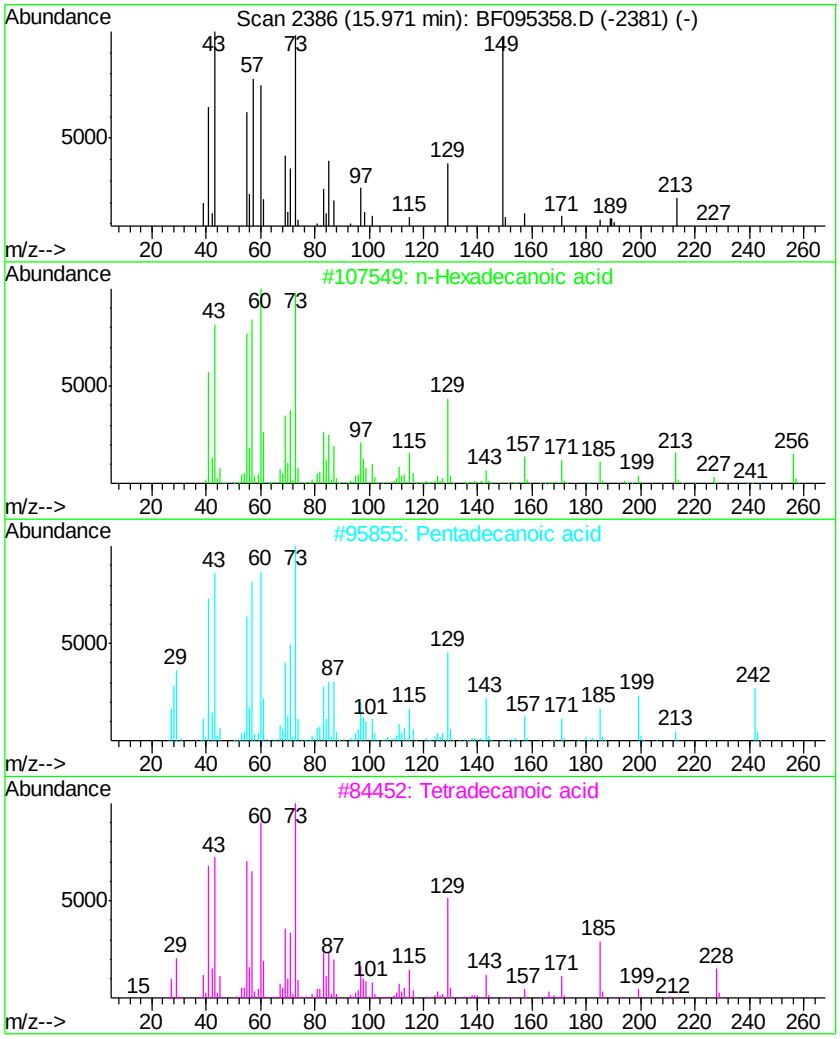
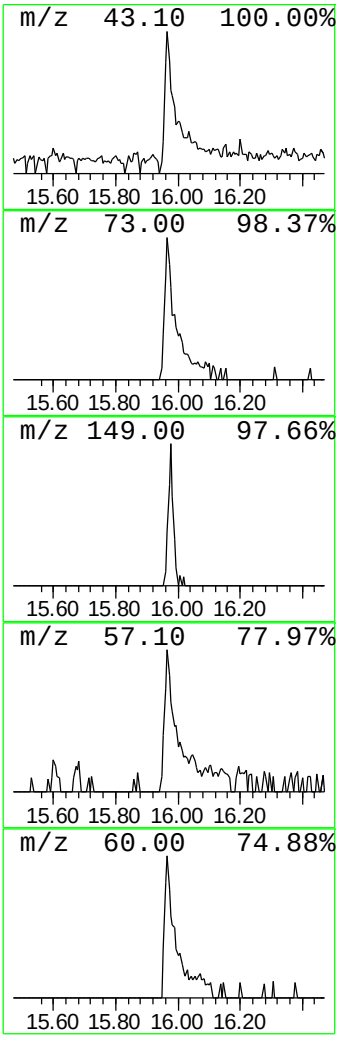
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.48 ng	91585	Phenanthrene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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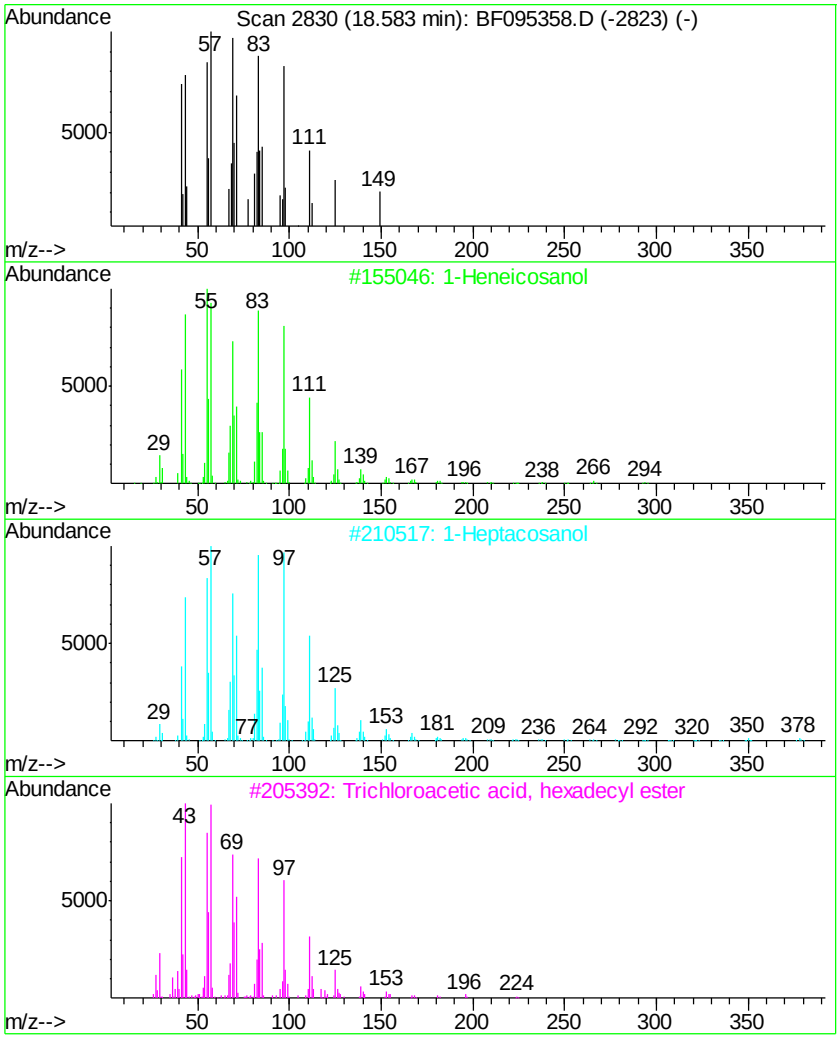
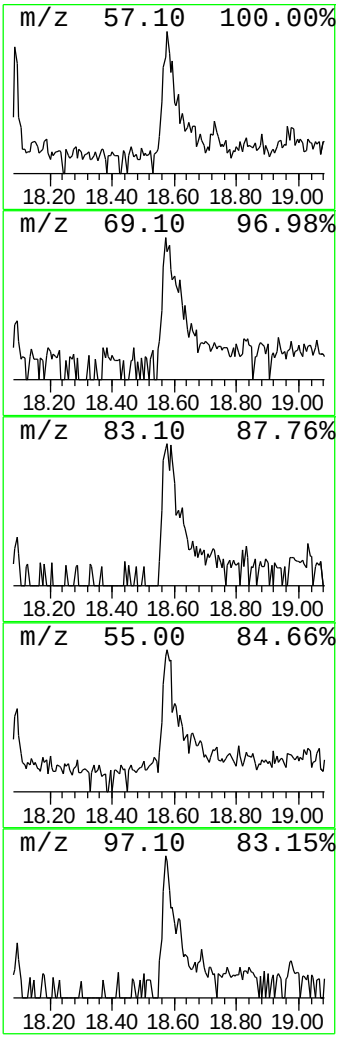
Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	4.46 ng	103182	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	87
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	86
4	1-Docosene	308	C22H44	001599-67-3	76
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	74





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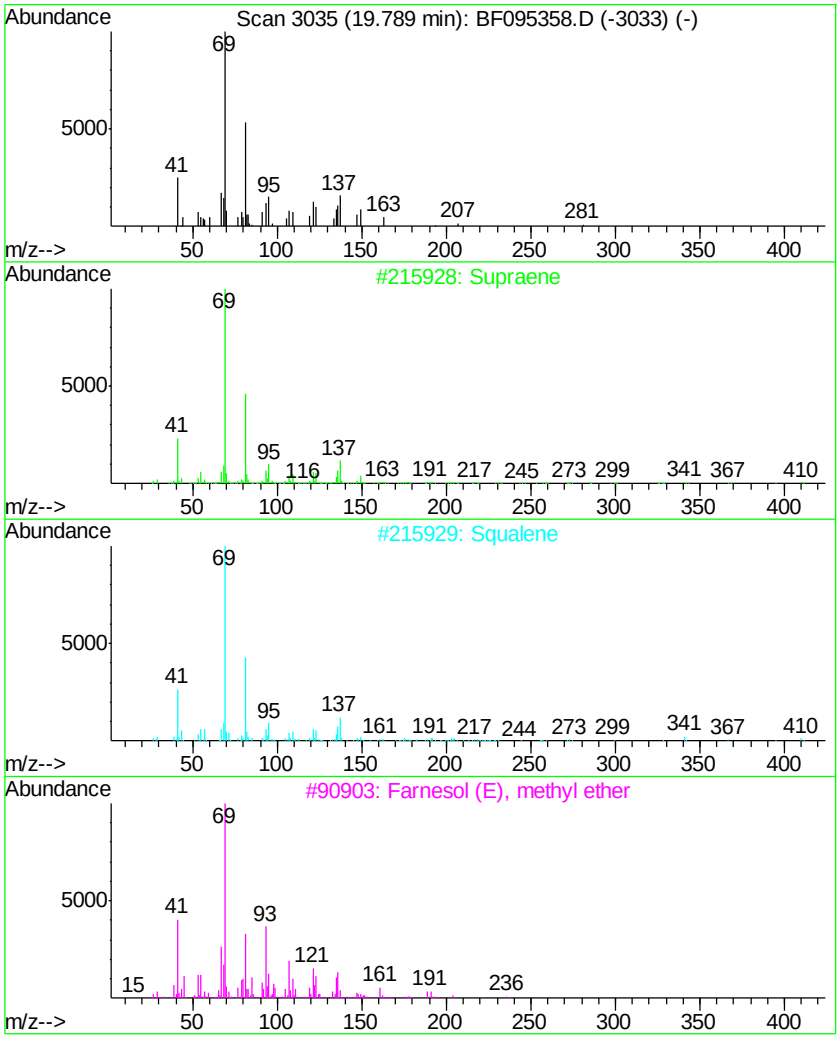
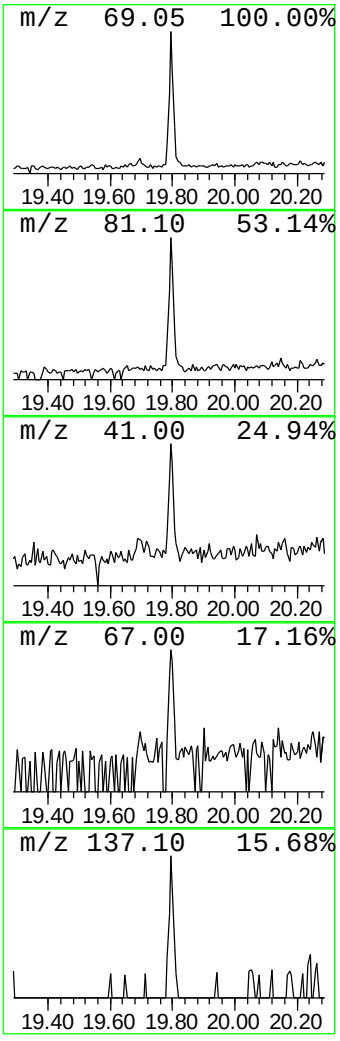
Peak Number 6 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	2.44 ng	58924	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	90
2	Squalene	410	C30H50	000111-02-4	78
3	Farnesol (E), methyl ether	236	C16H28O	1000352-67-3	64
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	trans-Farnesol	222	C15H26O	000106-28-5	56





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.13	20.9	ng	604851	1	7.75	579799	20.0
unknown7.42	7.42	119.9	ng	3475400	1	7.75	579799	20.0
n-Hexadecanoic acid	15.97	2.5	ng	91585	4	15.01	740081	20.0
1-Heneicosanol	18.58	4.5	ng	103182	5	18.69	462639	20.0
Supraene	19.79	2.4	ng	58924	6	20.36	482377	20.0