LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
Data File : BM047260.D
Acq On : 19 Aug 2024 20:09
Operator : RC/JU
Sample : P3637-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI - 370

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-BM081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047260.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.257	60	63	80	rBV	123606	204381	1.90%	0.299%
2	4.569	280	286	293	rVB	143459	207201	1.92%	0.303%
3	5.016	356	362	374	rBV	2434945	3556698	33.04%	5.203%
4	6.575	621	627	638	rBV	2418731	3789266	35.20%	5.543%
5	7.363	753	761	768	rBV	824435	1259582	11.70%	1.842%
6	8.510	949	956	966	rBV	1572212	2542954	23.62%	3.720%
7	10.116	1221	1229	1236	rBV	1077641	1776517	16.50%	2.599%
8	10.880	1353	1359	1369	rBV	78550	155066	1.44%	0.227%
9	12.627	1648	1656	1671	rBV	4054359	5981363	55.56%	8.749%
10	13.904	1866	1873	1879	rBV3	48994	124132	1.15%	0.182%
11	14.021	1887	1893	1900	rBV	1713408	2468804	22.93%	3.611%
12	14.274	1934	1936	1942	rVB	90891	120854	1.12%	0.177%
13	15.533	2143	2150	2160	rBV	3808121	5439172	50.52%	7.956%
14	16.786	2358	2363	2368	rBV	2257738	3150548	29.26%	4.609%
15	16.827	2368	2370	2375	rVB	198728	229361	2.13%	0.336%
16	16.921	2382	2386	2393	rVB	89031	129129	1.20%	0.189%
17	17.727	2517	2523	2531	rBV	1170607	1792423	16.65%	2.622%
18	18.862	2711	2716	2720	rBV	664758	903769	8.39%	1.322%
19	19.021	2739	2743	2755	rBV	623844	1034874	9.61%	1.514%
20	19.233	2771	2779	2785	rBV	567210	916528	8.51%	1.341%
21	19.456	2811	2817	2827	rVB	8073989	9761352	90.67%	14.279%
22	20.762	3036	3039	3050	rVB3	604591	938032	8.71%	1.372%
23	20.968	3070	3074	3078	rBV	3057394	3386092	31.45%	4.953%
24	21.027	3078	3084	3088	rVV	2693080	3971954	36.89%	5.810%
25	21.068	3088	3091	3099	rVB	333321	504355	4.68%	0.738%
26	22.068	3255	3261	3267	rBV	7165025	10765801	100.00%	15.748%
27	23.727	3537	3543	3560	rVB	1397378	3253509	30.22%	4.759%

Sum of corrected areas: 68363717

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Instrument :
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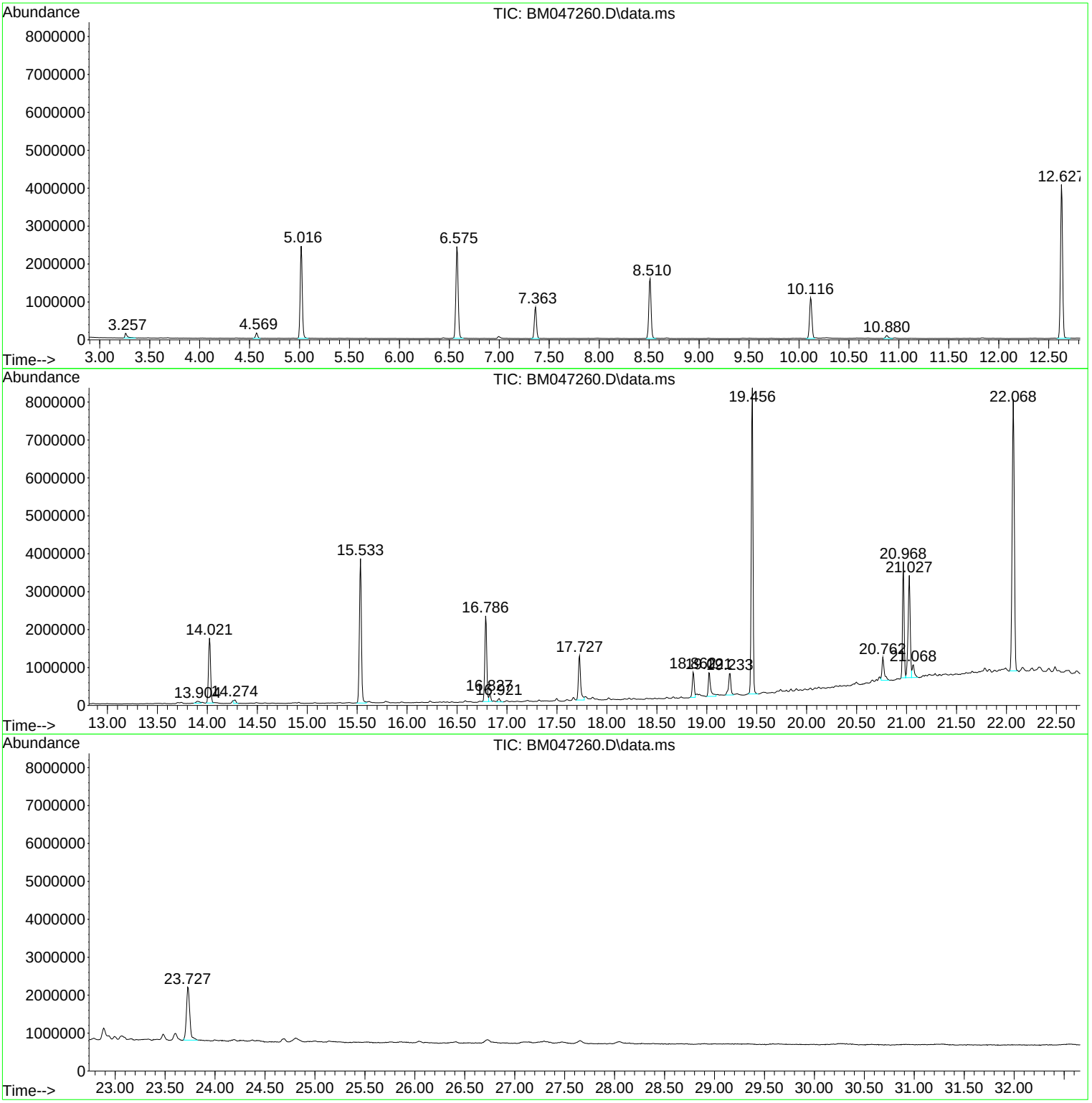
ClientSampleId :
ETGI - 370

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Operator : RC/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

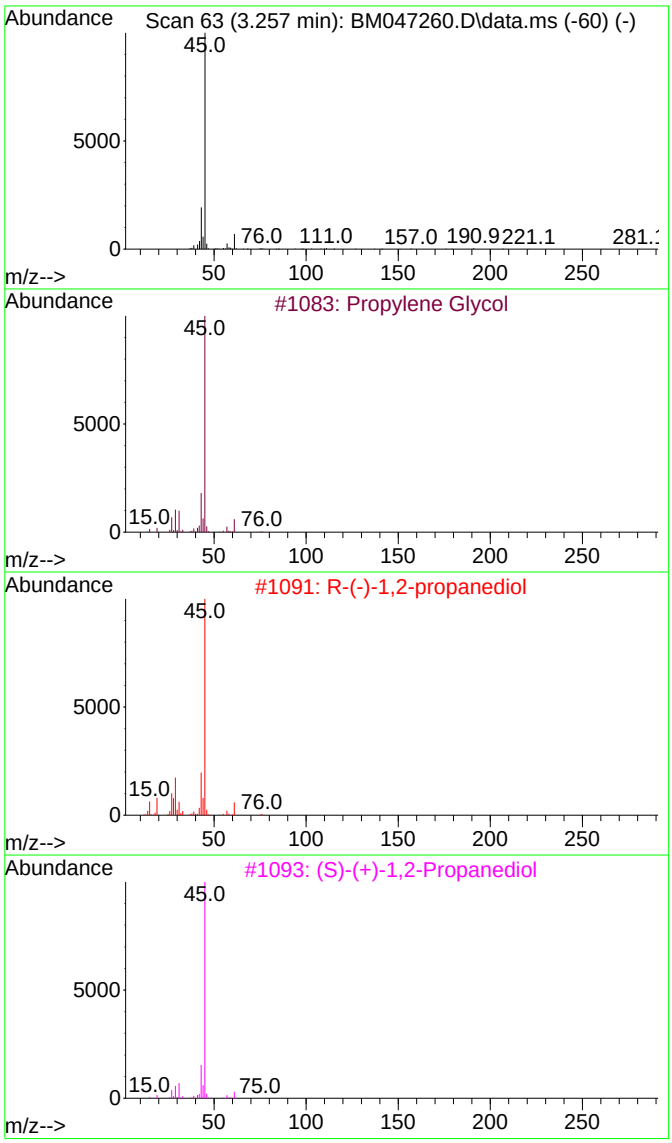
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

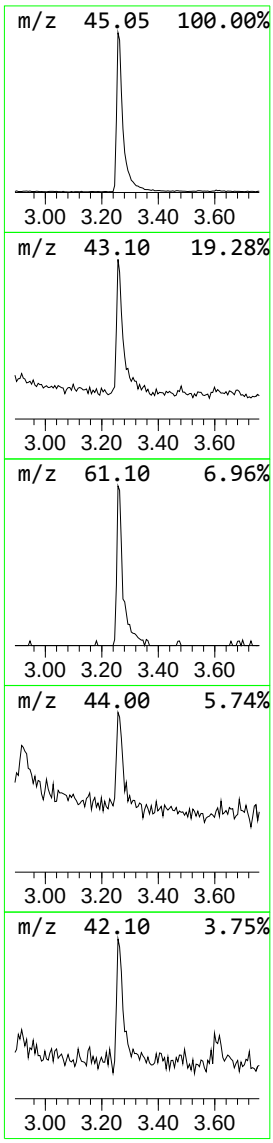
****

Peak Number 1 Propylene Glycol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.257	3.25 ng	204381	1,4-Dichlorobenzene-d4	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
5	2-Pentanol	88	C5H12O	006032-29-7	9





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
ETGI - 370

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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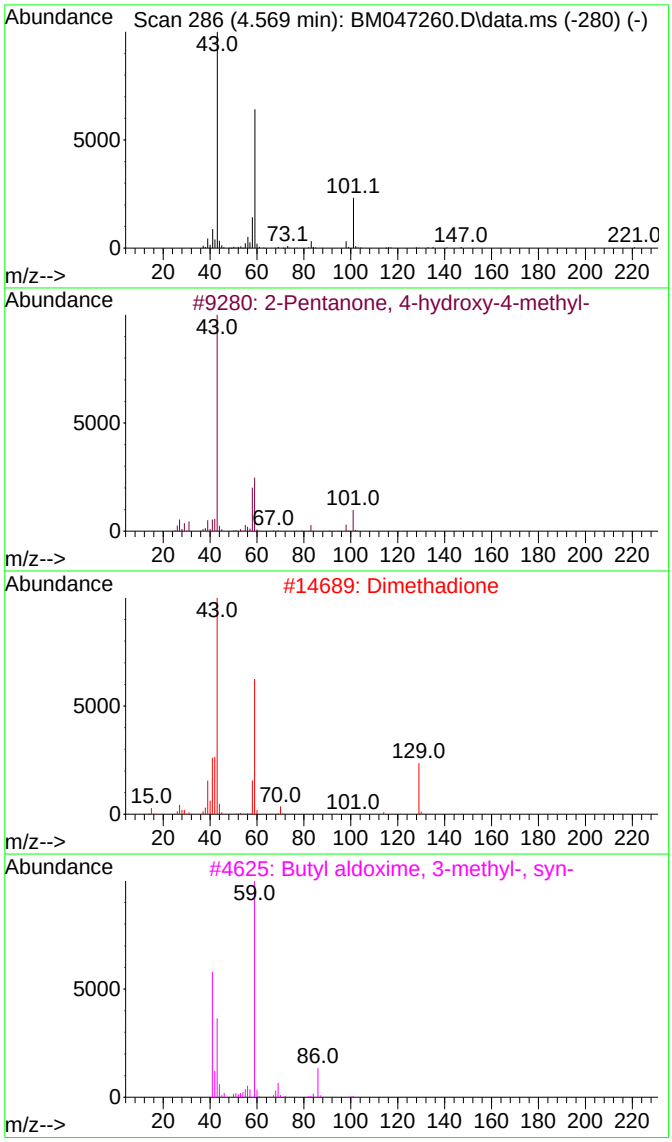
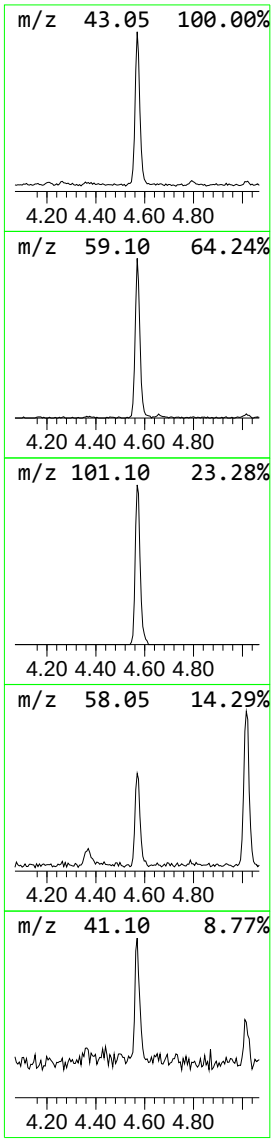
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.569	3.29 ng	207201	1,4-Dichlorobenzene-d4	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Dimethadione	129	C5H7NO3	000695-53-4	40
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
5	3-Hexanol	102	C6H14O	000623-37-0	33





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Misc :
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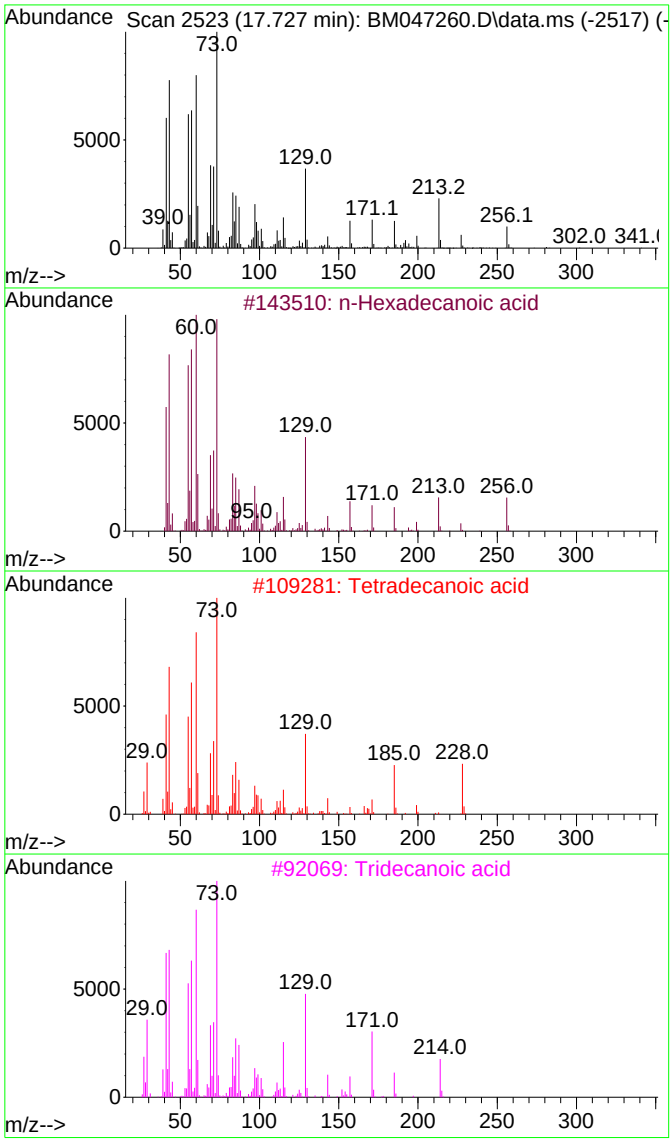
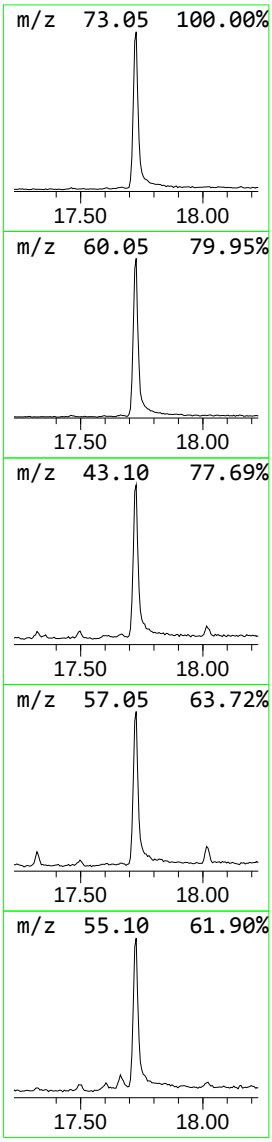
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.727	11.38 ng	1792420	Phenanthrene-d10	16.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Instrument :
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ClientSampleId :
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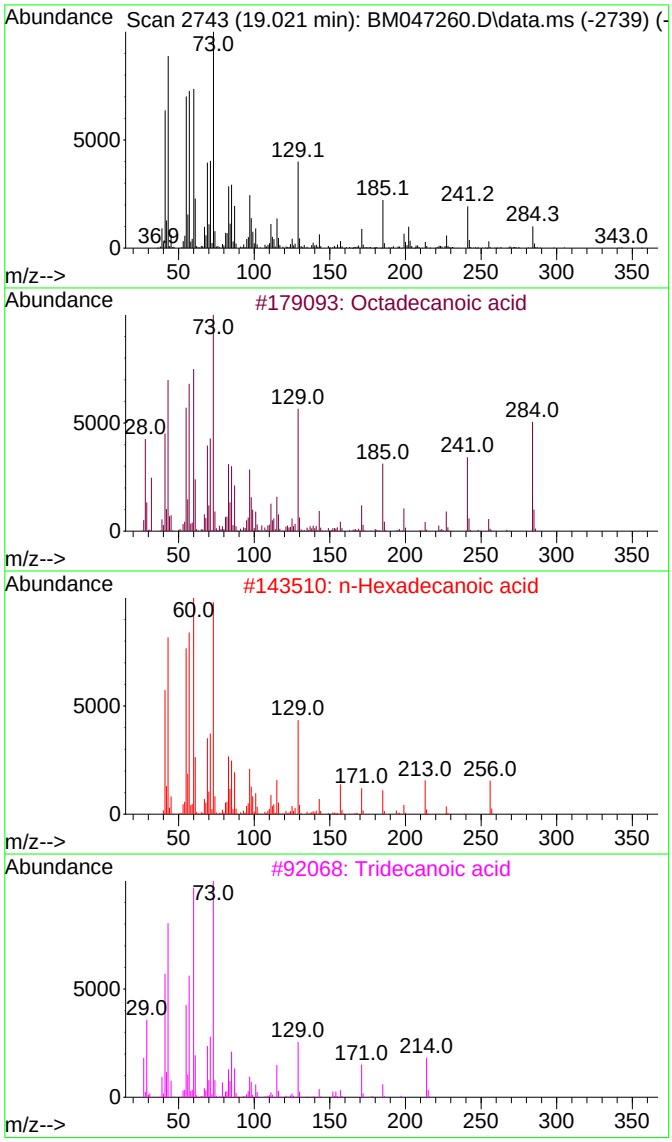
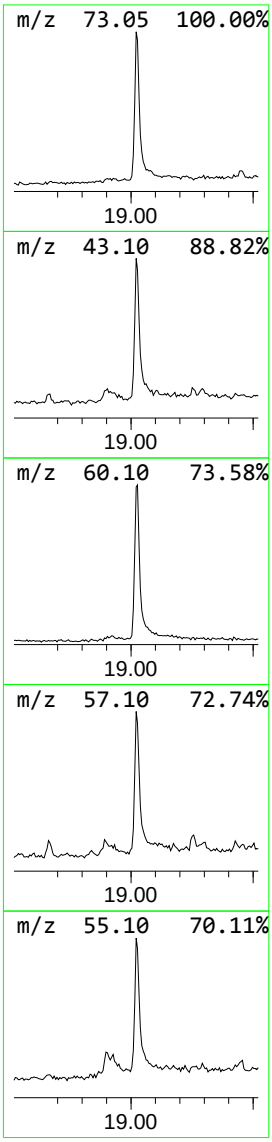
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.021	5.21 ng	1034870	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	70





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Instrument :
BNA_M
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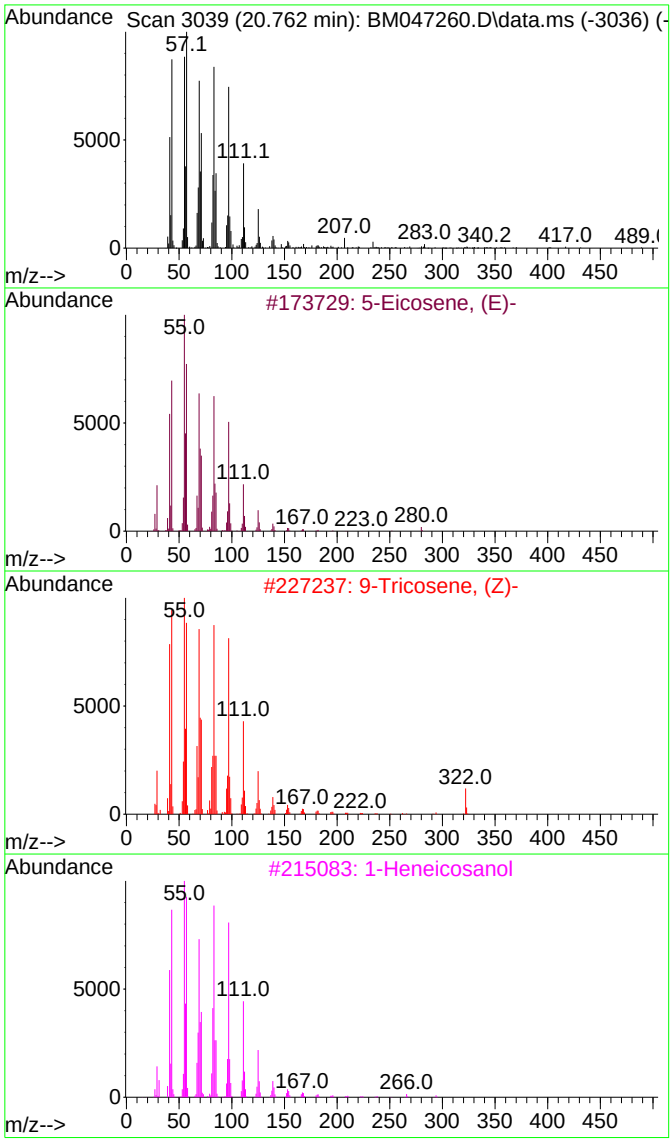
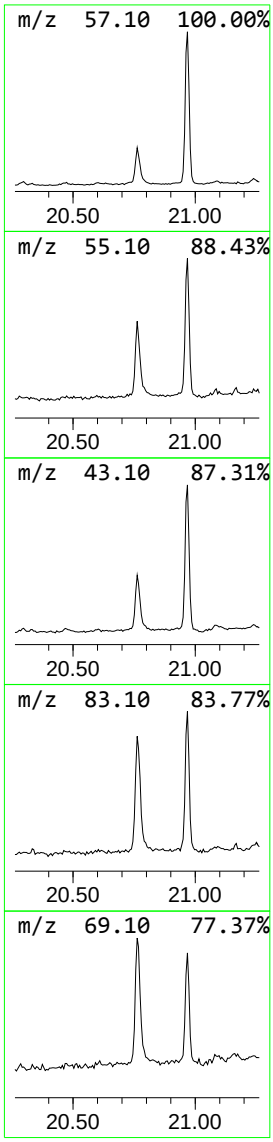
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.762	4.72 ng	938032	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Heptacos-1-ene	378	C27H54	015306-27-1	94
5	1-Tetracosene	336	C24H48	010192-32-2	94





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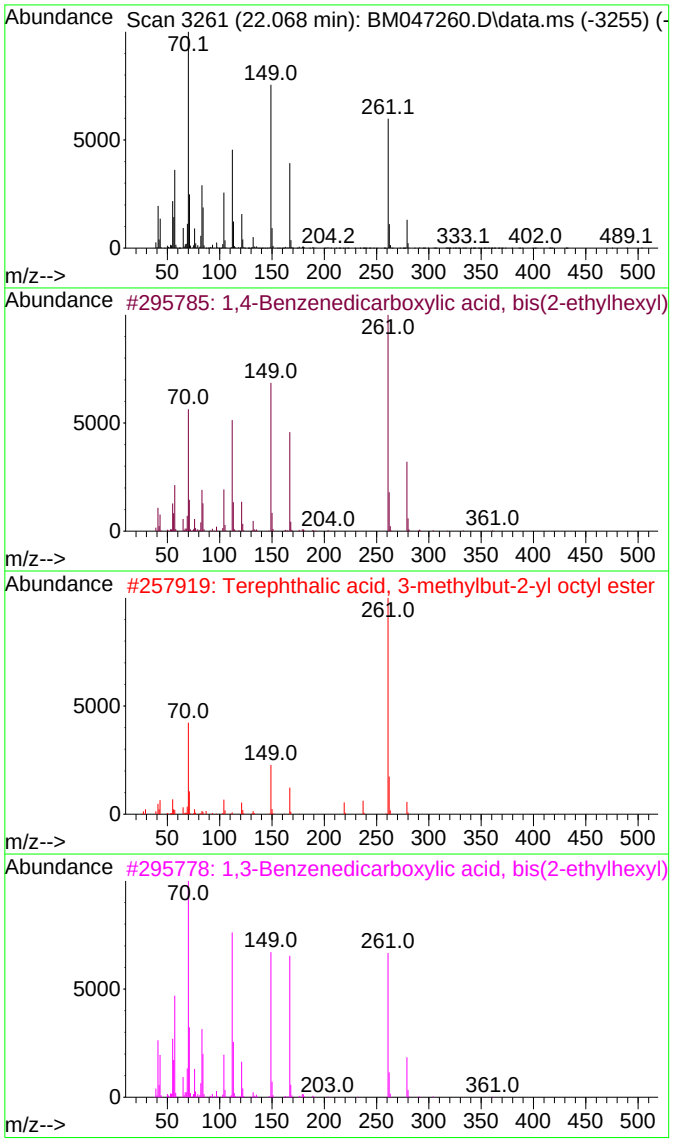
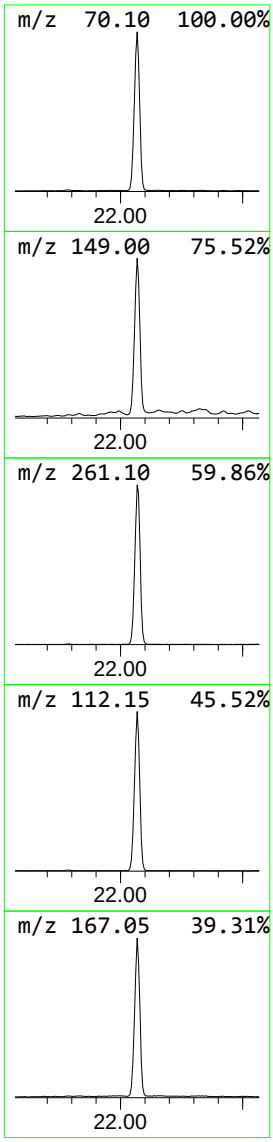
****
Peak Number 6 1,4-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.068	54.21 ng	10765800	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	87
2	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	58
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49
4	Isophthalic acid, 3-methylbut-2-...	348	C21H32O4	1000344-72-4	47
5	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	46





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.257	3.3	ng	204381	1	7.363	1259580	20.0
2-Pentanone, 4-...	4.569	3.3	ng	207201	1	7.363	1259580	20.0
n-Hexadecanoic ...	17.727	11.4	ng	1792420	4	16.786	3150550	20.0
Octadecanoic acid	19.021	5.2	ng	1034870	5	21.027	3971950	20.0
5-Eicosene, (E)-	20.762	4.7	ng	938032	5	21.027	3971950	20.0
1,4-Benzenedica...	22.068	54.2	ng	10765800	5	21.027	3971950	20.0