LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
Data File : BG049111.D
Acq On : 26 Jun 2021 16:34
Operator : CG/JU
Sample : M2852-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MANHOLE-WC-S

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_G\METHODS\8270-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049111.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.149	14	19	29	rBV2	45968	85467	3.41%	0.753%
2	5.652	439	445	456	rVB	566850	936297	37.32%	8.246%
3	7.256	709	718	731	rBV	591553	1049849	41.84%	9.246%
4	8.102	855	862	869	rBV	111274	191848	7.65%	1.690%
5	9.266	1052	1060	1069	rBV	362693	663754	26.45%	5.846%
6	10.682	1296	1301	1309	rBV3	16846	37740	1.50%	0.332%
7	10.923	1333	1342	1351	rBV	155944	282174	11.25%	2.485%
8	13.367	1750	1758	1769	rVB	959184	1484208	59.15%	13.072%
9	14.742	1986	1992	2003	rVB	259849	419463	16.72%	3.694%
10	16.228	2238	2245	2260	rVB	964982	1492712	59.49%	13.147%
11	17.491	2454	2460	2465	rBV	358880	552906	22.04%	4.870%
12	18.367	2604	2609	2614	rBV2	52923	73317	2.92%	0.646%
13	19.636	2821	2825	2830	rBV4	40078	50725	2.02%	0.447%
14	20.094	2897	2903	2909	rBV	1852886	2509041	100.00%	22.098%
15	20.770	3012	3018	3024	rBV	173449	238016	9.49%	2.096%
16	21.410	3123	3127	3136	rVB5	41248	92044	3.67%	0.811%
17	21.487	3138	3140	3144	rVB	21830	25244	1.01%	0.222%
18	21.775	3182	3189	3195	rBV2	331310	561545	22.38%	4.946%
19	25.094	3744	3754	3768	rVB2	193514	608060	24.23%	5.355%

Sum of corrected areas: 11354410

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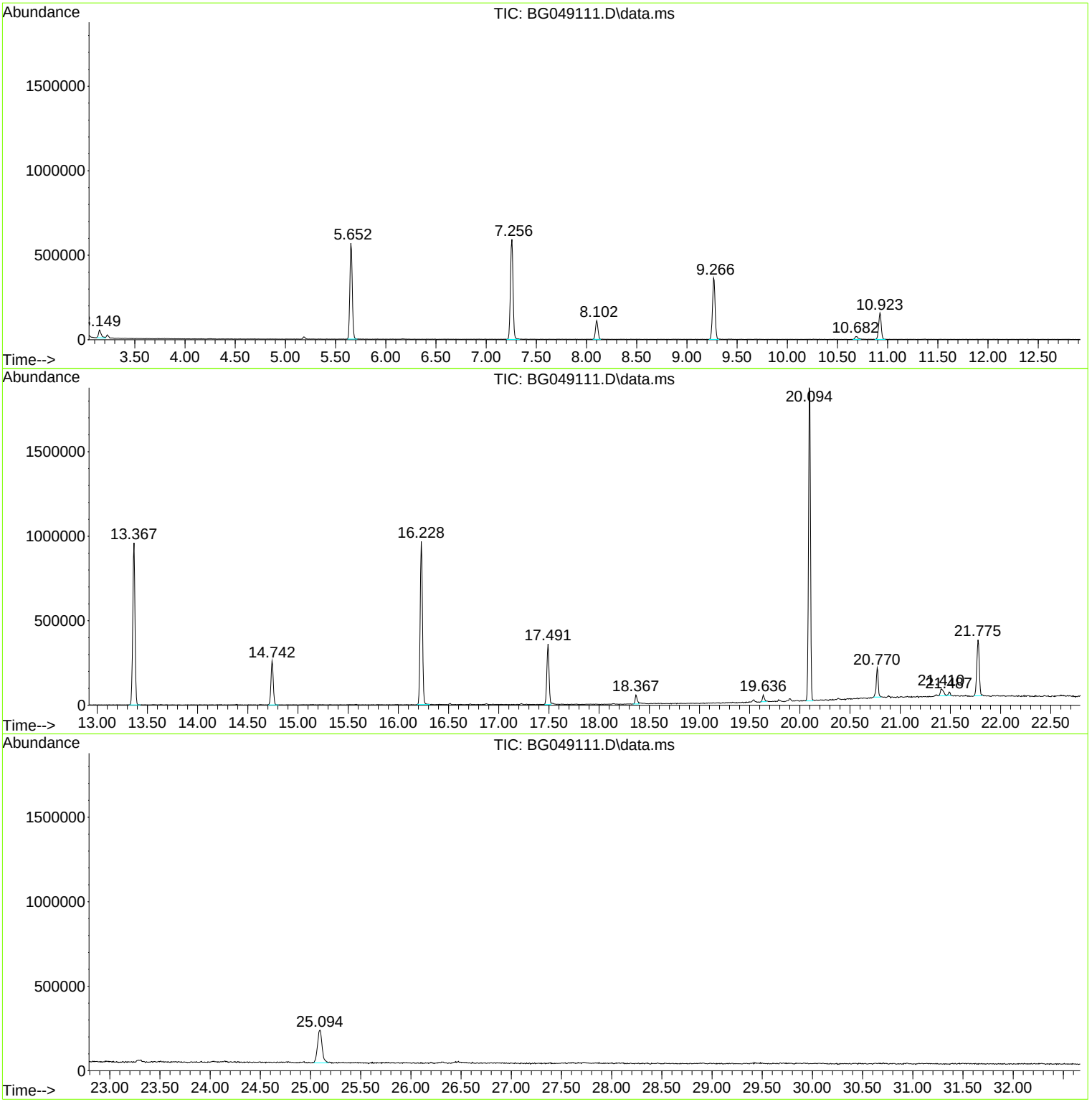
ClientSampleId :
MANHOLE-WC-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.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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TIC Library : C:\Database\NIST11.L
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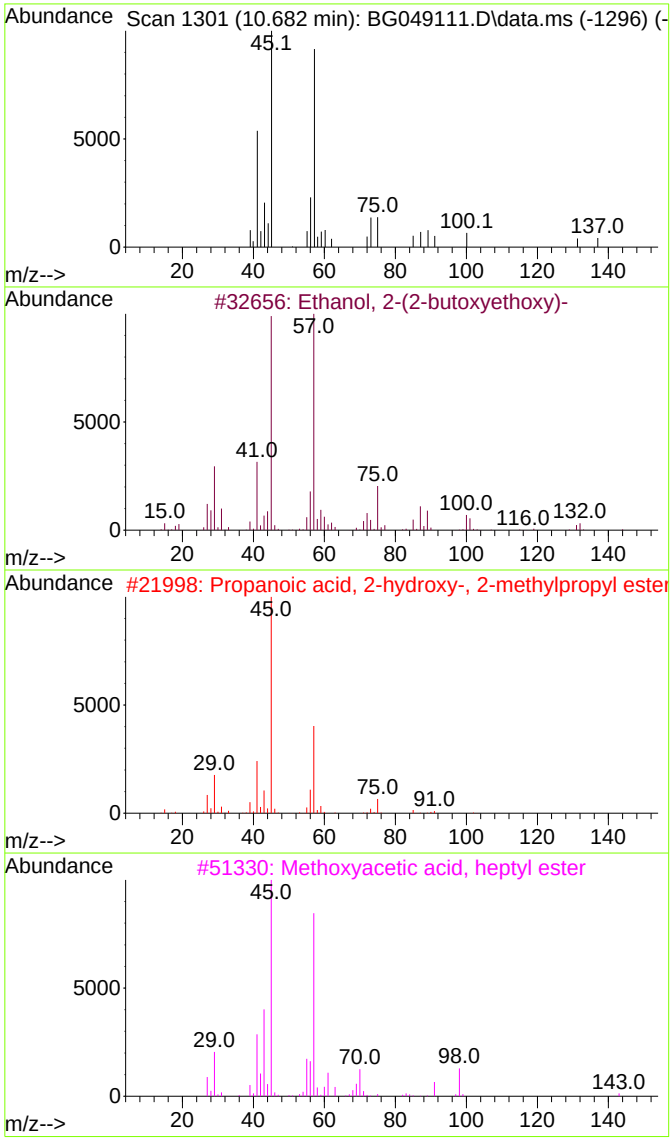
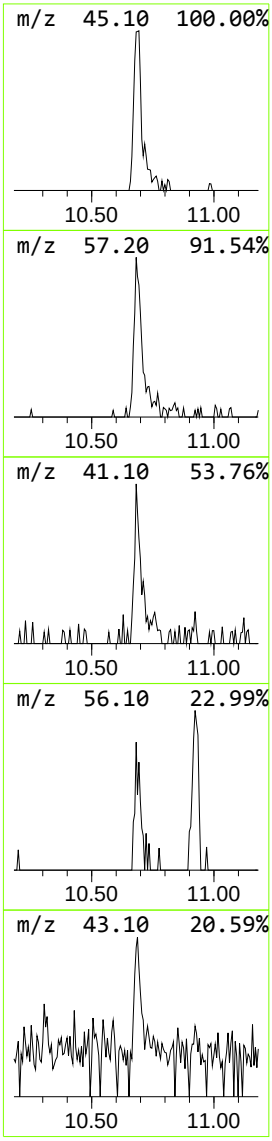
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.682	2.67 ng	37740	Naphthalene-d8	10.923

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
2	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	50
3	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	45
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	42
5	12-Crown-4	176	C8H16O4	000294-93-9	38





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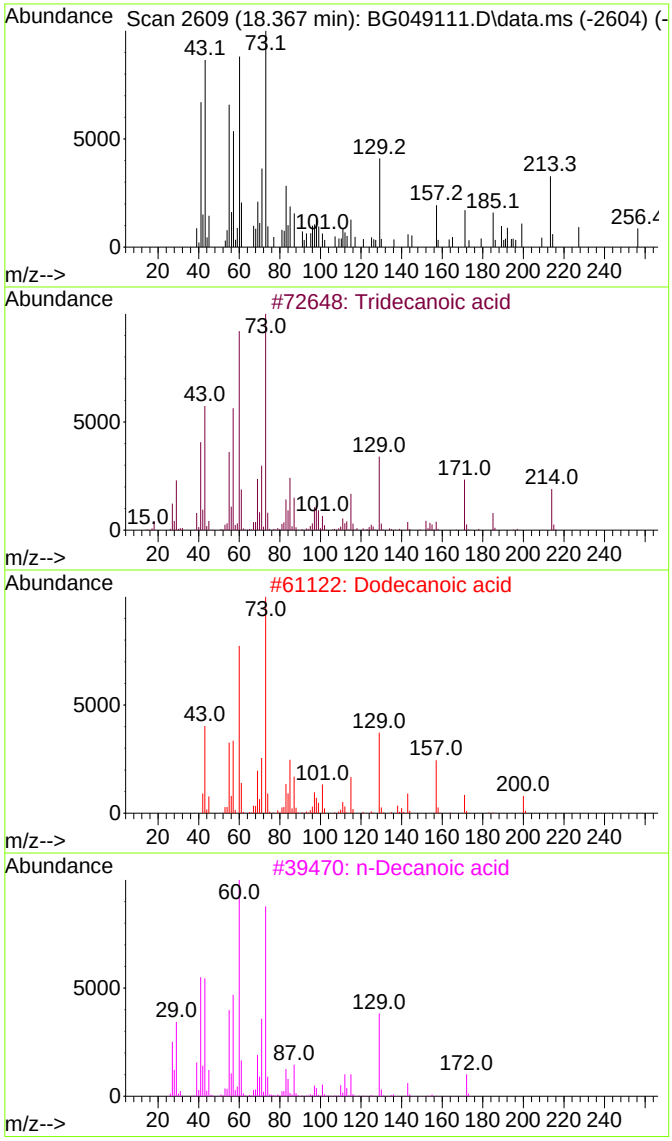
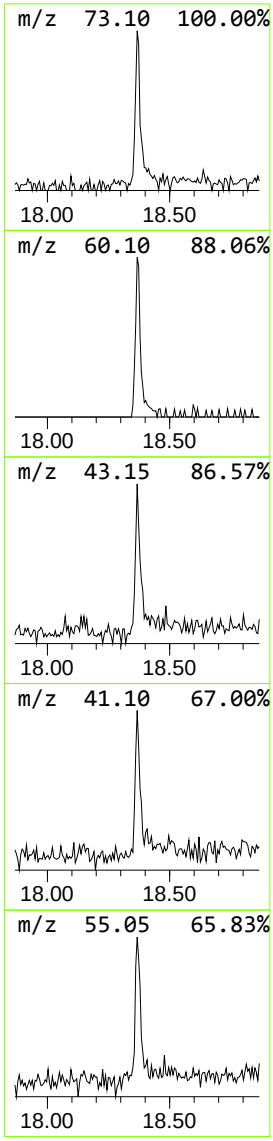
Peak Number 3 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.367	2.65 ng	73317	Phenanthrene-d10	17.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	60
2	Dodecanoic acid	200	C12H24O2	000143-07-7	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	Nonanoic acid	158	C9H18O2	000112-05-0	50
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49





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Instrument : BNA_G
ClientSampleId : MANHOLE-WC-S

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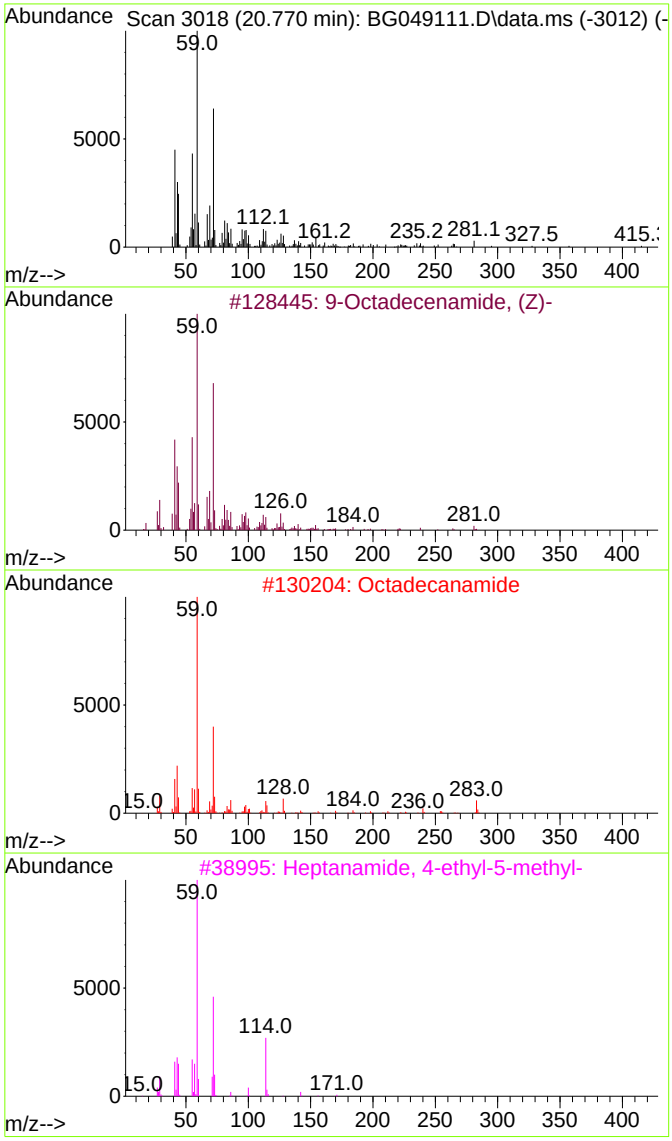
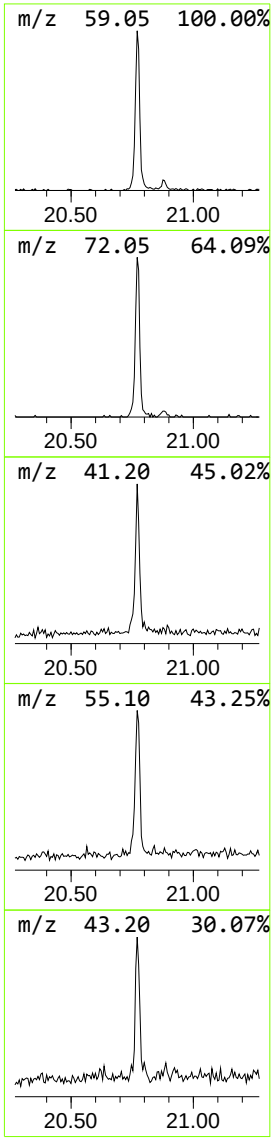
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.770	8.48 ng	238016	Chrysene-d12	21.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	Octadecanamide	283	C18H37NO	000124-26-5	64
3	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	58
4	Dodecanamide	199	C12H25NO	001120-16-7	53
5	Tetradecanamide	227	C14H29NO	000638-58-4	50





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Instrument : BNA_G
ClientSampleId : MANHOLE-WC-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.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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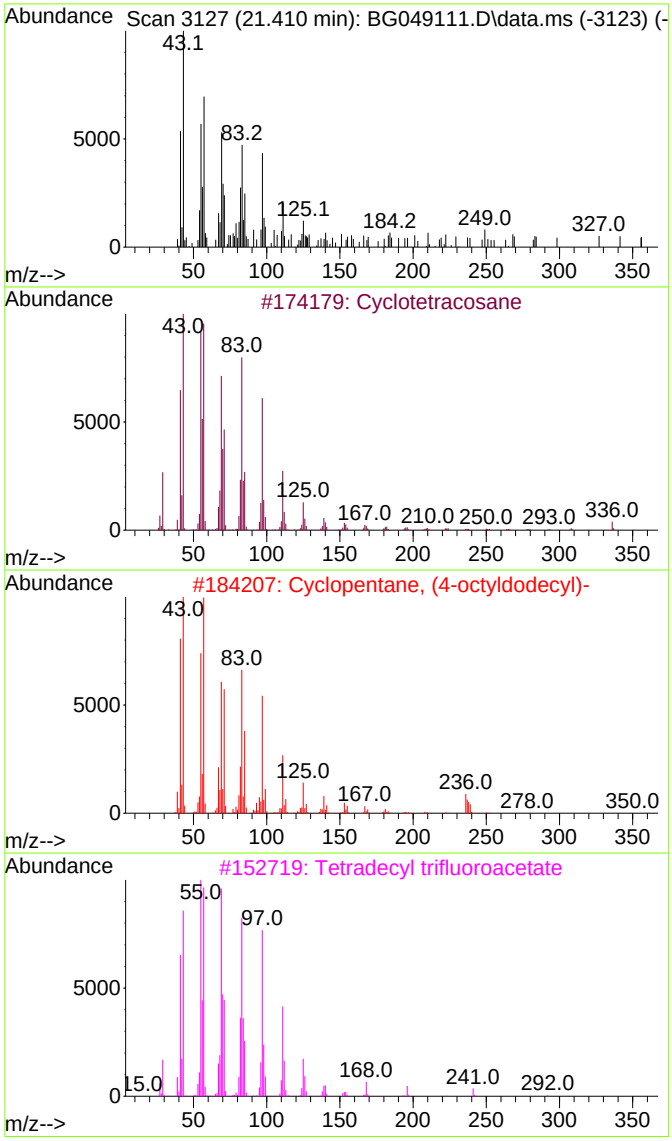
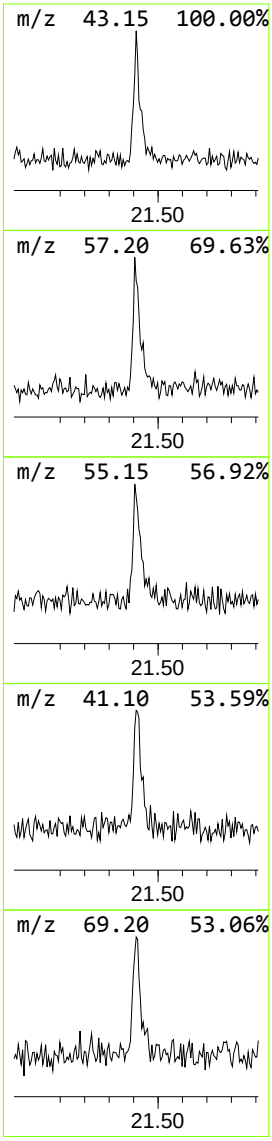
Peak Number 5 Cyclotetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.410	3.28 ng	92044	Chrysene-d12	21.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	70
2	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	68
3	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	62
4	10-Heneicosene (c,t)	294	C21H42	095008-11-0	62
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	58





Tentatively Identified Compound (LSC) summary

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ClientSampleId : MANHOLE-WC-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.682	2.7	ng	37740	2	10.923	282174	20.0
Tridecanoic acid	18.367	2.6	ng	73317	4	17.491	552906	20.0
9-Octadecenamid...	20.770	8.5	ng	238016	5	21.775	561545	20.0
Cyclotetracosane	21.410	3.3	ng	92044	5	21.775	561545	20.0