LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026858.D
Acq On : 23 Jul 2020 19:21
Operator : JU/CG
Sample : L3381-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 365-GRID-B6-B8

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-BM070820.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	3.166	71	73	81	rBV	18015	33498	1.15%	0.156%
2	4.925	366	372	381	rBV	1644083	2262615	77.92%	10.519%
3	6.496	629	639	653	rBV	1518648	2371770	81.68%	11.026%
4	6.925	706	712	726	rBV	49937	110879	3.82%	0.515%
5	7.278	765	772	780	rBV	473341	704488	24.26%	3.275%
6	8.431	960	968	978	rBV	892260	1457563	50.20%	6.776%
7	10.031	1232	1240	1246	rBV	550391	884923	30.48%	4.114%
8	12.548	1661	1668	1681	rBV	1810804	2585866	89.05%	12.022%
9	12.860	1714	1721	1727	rBV	46691	78572	2.71%	0.365%
10	13.425	1811	1817	1826	rBV	323288	447094	15.40%	2.079%
11	13.948	1899	1906	1913	rVB	670689	940537	32.39%	4.373%
12	15.460	2157	2163	2171	rBV	1254378	1713847	59.02%	7.968%
13	16.513	2338	2342	2348	rBV7	15915	32505	1.12%	0.151%
14	16.713	2370	2376	2380	rBV	719811	937086	32.27%	4.357%
15	16.754	2380	2383	2389	rVB	108791	140806	4.85%	0.655%
16	16.848	2395	2399	2404	rVB	38642	54480	1.88%	0.253%
17	17.654	2530	2536	2542	rBV2	112883	176561	6.08%	0.821%
18	17.783	2553	2558	2562	rBV2	36233	59834	2.06%	0.278%
19	18.524	2681	2684	2689	rBV2	26973	40435	1.39%	0.188%
20	18.789	2724	2729	2737	rBV	248921	321275	11.06%	1.494%
21	19.154	2784	2791	2795	rBV	263999	377773	13.01%	1.756%
22	19.383	2824	2830	2839	rVB	2406944	2903763	100.00%	13.500%
23	20.689	3048	3052	3057	rBV	421376	515933	17.77%	2.399%
24	20.936	3089	3094	3099	rBV2	913394	1301752	44.83%	6.052%
25	23.006	3441	3446	3451	rVB2	669021	1056091	36.37%	4.910%

Sum of corrected areas: 21509946

LSC Report - Integrated Chromatogram

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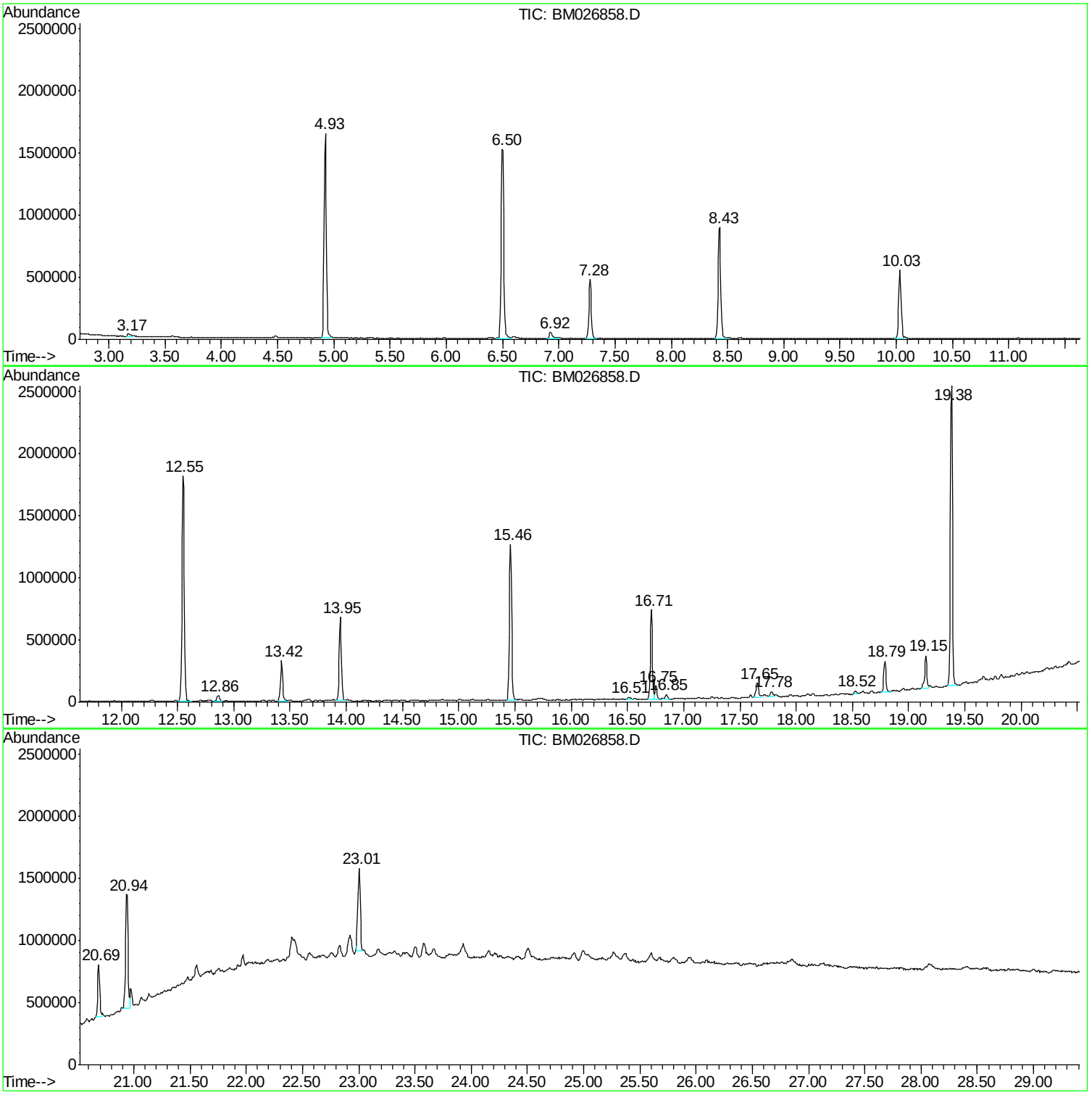
Instrument :
BNA_M
ClientSampleId :
365-GRID-B6-B8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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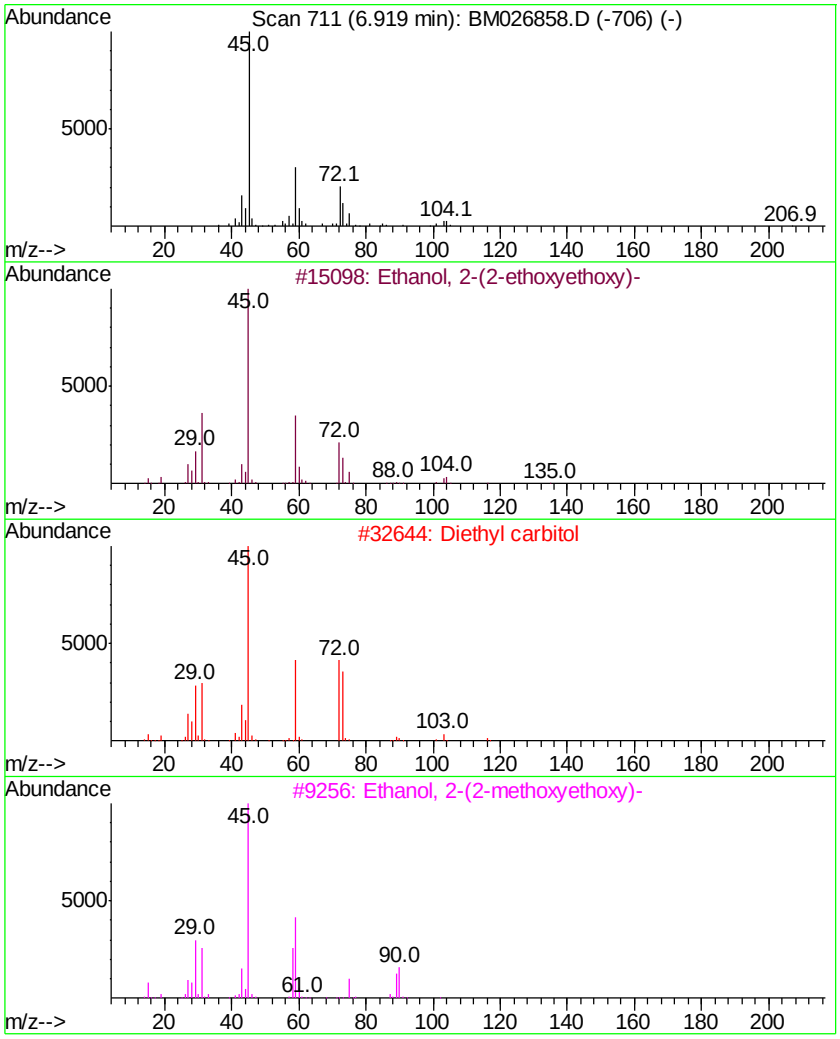
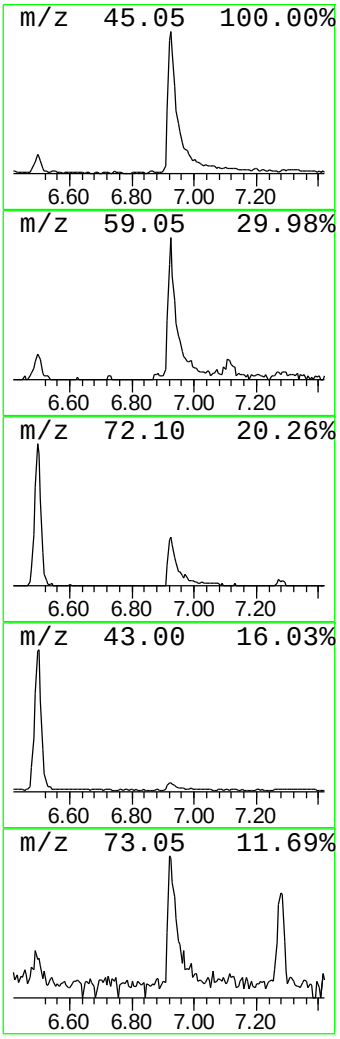
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	3.15 ng	110879	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	78
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
4	2-Methoxyisopropyl cyanoacetate	157	C7H11NO3	032804-79-8	38
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	37





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Instrument : BNA_M
ClientSampleId : 365-GRID-B6-B8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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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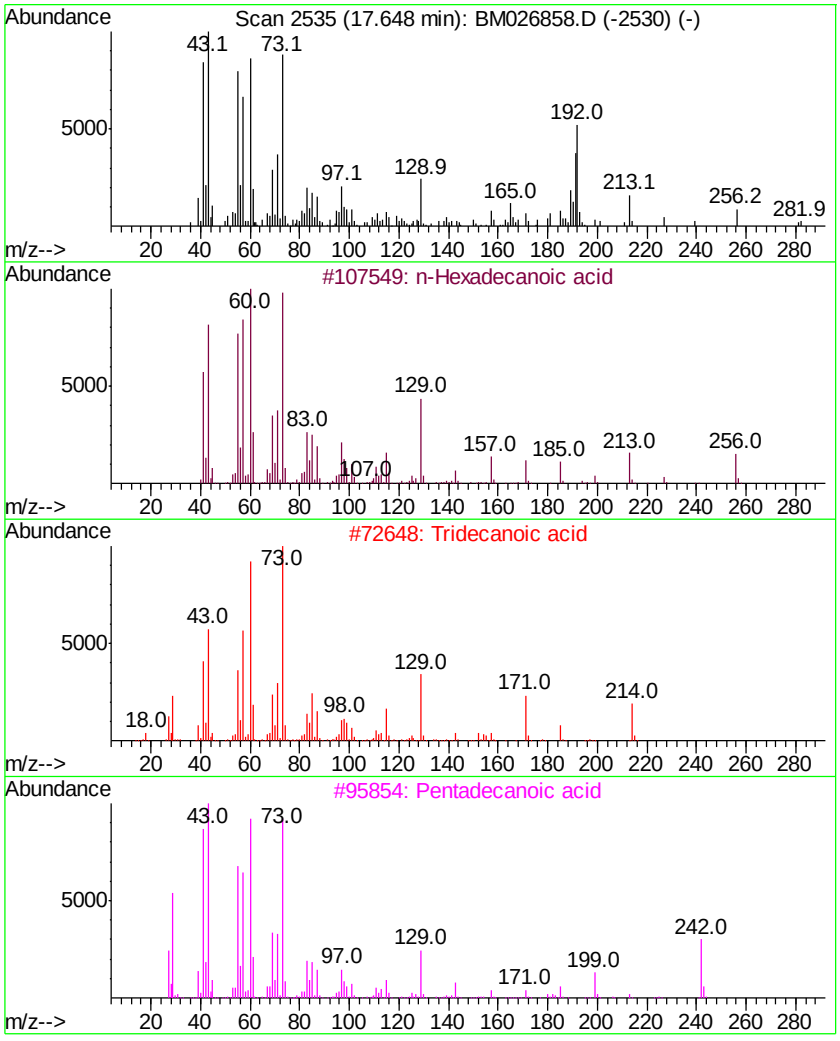
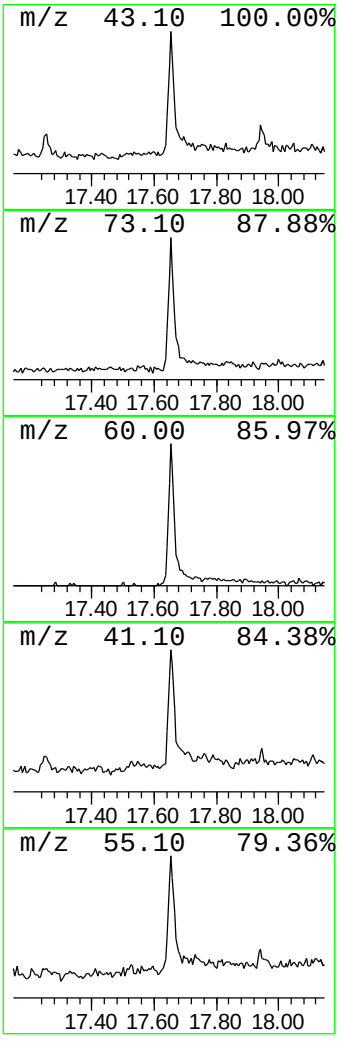
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	3.77 ng	176561	Phenanthrene-d10	16.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Dodecanoic acid	200	C12H24O2	000143-07-7	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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Instrument : BNA_M
ClientSampleId : 365-GRID-B6-B8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
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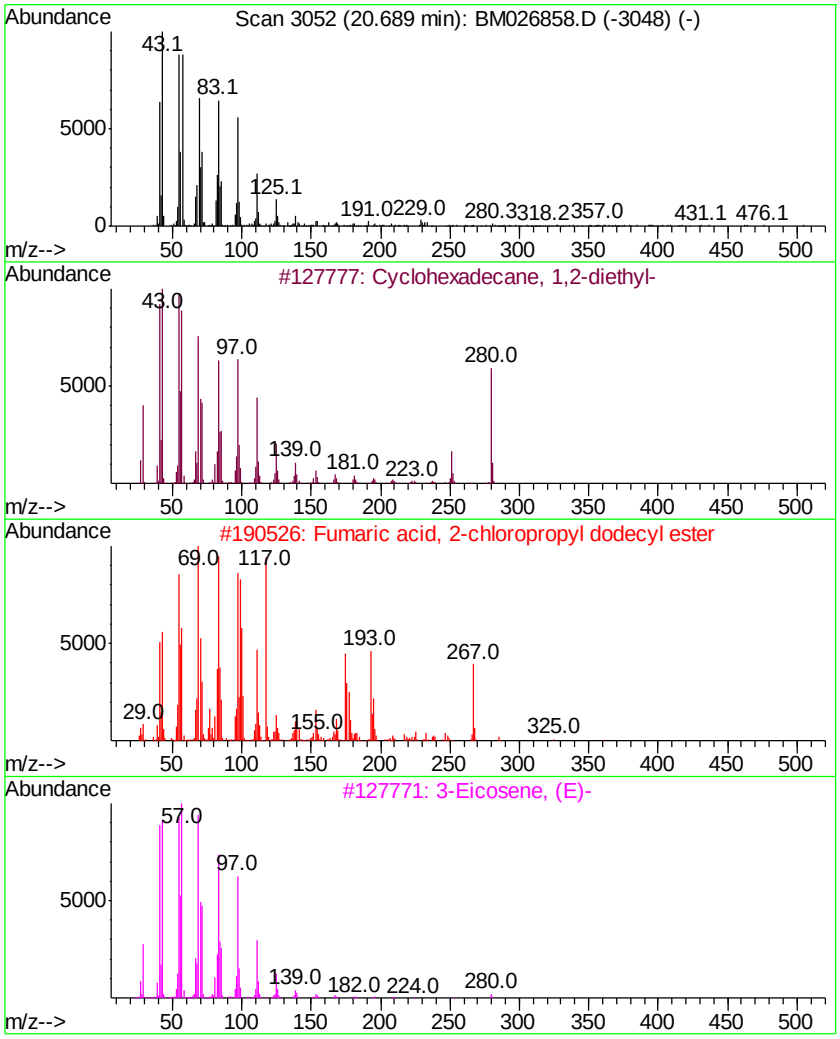
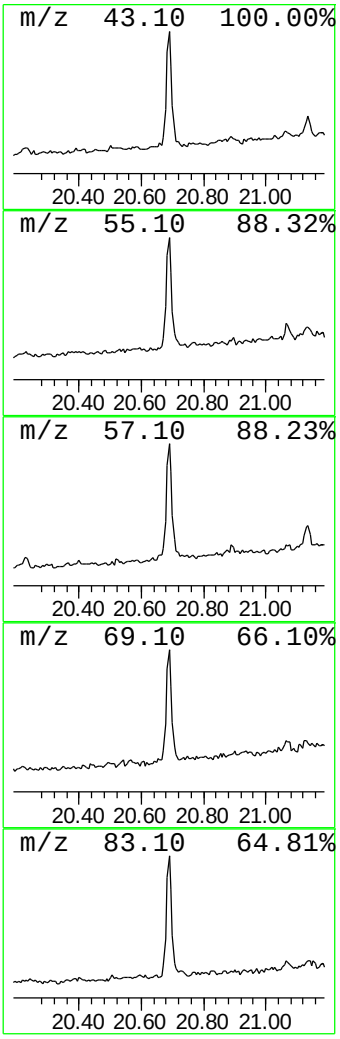
Peak Number 3 Cyclohexadecane, 1,2-diethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	7.93 ng	515933	Chrysene-d12	20.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	99
2	Fumaric acid, 2-chloropropyl dod...	360	C19H33ClO4	1000348-57-0	96
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
4	1-Docosene	308	C22H44	001599-67-3	95
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-eth...	6.92	3.1	ng	110879	1	7.28	704488	20.0
n-Hexadecanoic acid	17.65	3.8	ng	176561	4	16.71	937086	20.0
Cyclohexadecane, ...	20.69	7.9	ng	515933	5	20.94	1301750	20.0