LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
Data File : BG046157.D
Acq On : 3 Aug 2020 20:04
Operator : CG/JU
Sample : L3523-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200448-SITE-WATER

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-BG073020.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	3.158	7	12	30	rVB	1436559	2209298	33.74%	7.661%
2	5.537	409	417	429	rBV	977245	1552929	23.71%	5.385%
3	7.118	677	686	698	rBV	632010	1074517	16.41%	3.726%
4	7.952	821	828	837	rBV	333766	549323	8.39%	1.905%
5	9.104	1016	1024	1034	rBV	938817	1673772	25.56%	5.804%
6	10.749	1293	1304	1315	rBV	452527	795906	12.15%	2.760%
7	13.205	1714	1722	1730	rBV	2513981	3919750	59.86%	13.592%
8	14.027	1856	1862	1873	rBV	93446	137514	2.10%	0.477%
9	14.580	1949	1956	1963	rBV	724211	1138432	17.39%	3.947%
10	16.060	2201	2208	2219	rBV	2099565	3150139	48.11%	10.923%
11	17.318	2415	2422	2429	rBV	953316	1412446	21.57%	4.898%
12	18.223	2570	2576	2584	rBV2	219747	332672	5.08%	1.154%
13	19.492	2787	2792	2804	rBV3	77637	128058	1.96%	0.444%
14	19.932	2861	2867	2876	rBV	4738407	6548346	100.00%	22.706%
15	21.231	3084	3088	3101	rBV	379905	572163	8.74%	1.984%
16	21.566	3137	3145	3153	rBV	1049230	1735855	26.51%	6.019%
17	24.668	3662	3673	3684	rBV2	638905	1774532	27.10%	6.153%
18	25.949	3884	3891	3905	rVB6	42634	133835	2.04%	0.464%

Sum of corrected areas: 28839487

LSC Report - Integrated Chromatogram

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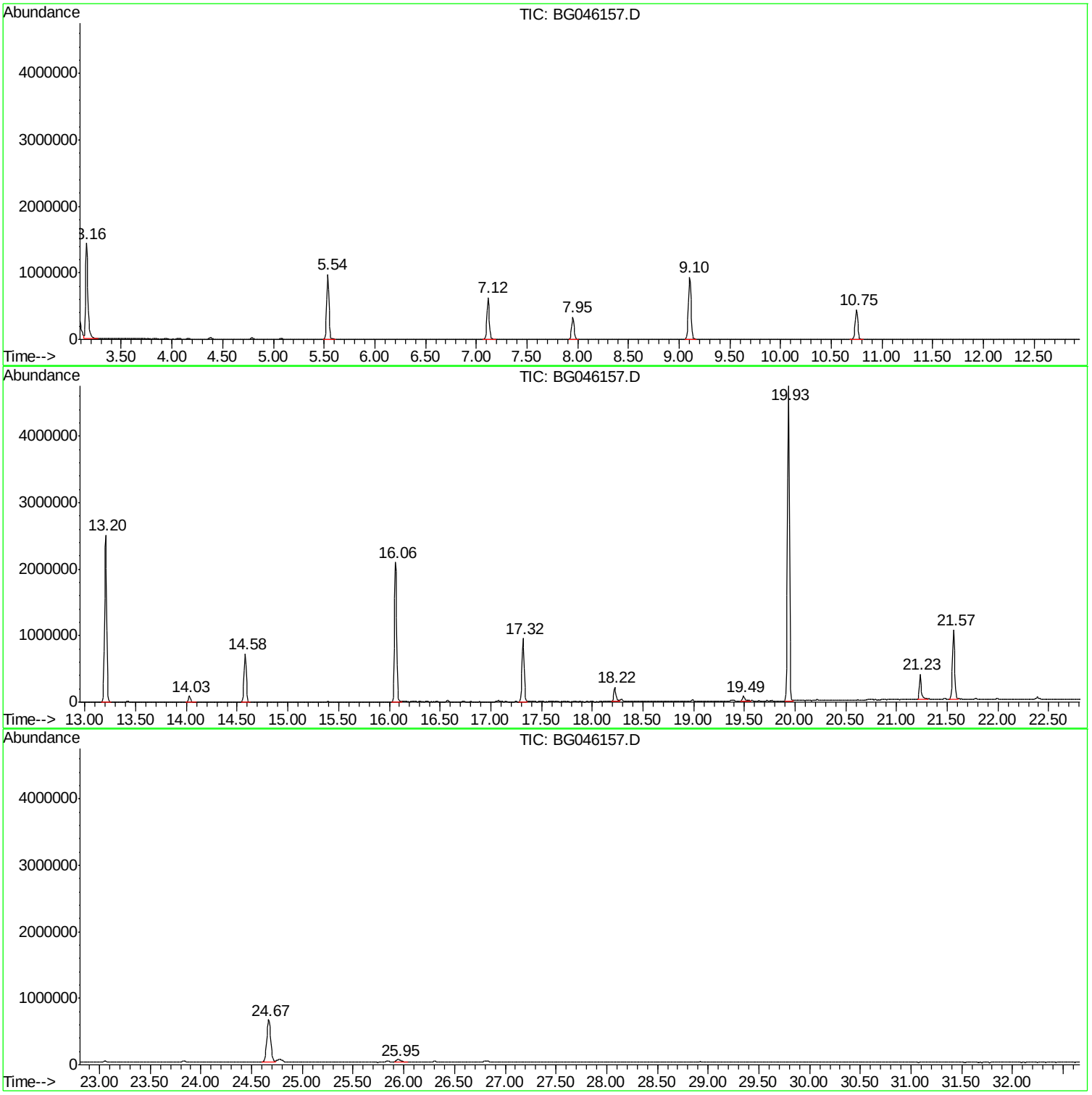
Instrument : BNA_G
ClientSampleId : 20200448-SITE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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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Instrument :
BNA_G
ClientSampleId :
20200448-SITE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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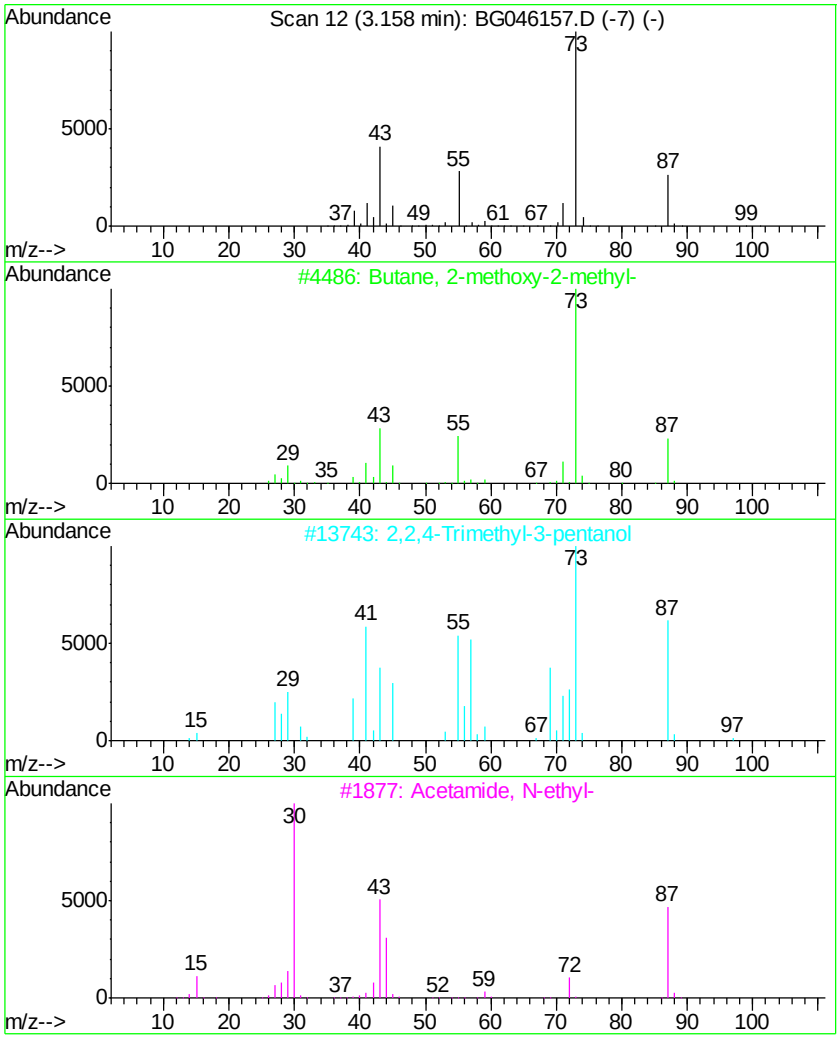
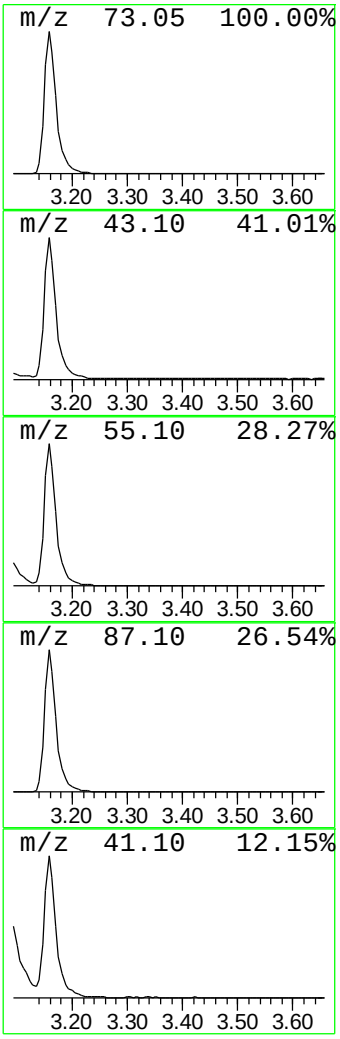
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	80.44 ng	2209300	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Instrument : BNA_G
ClientSampleId : 20200448-SITE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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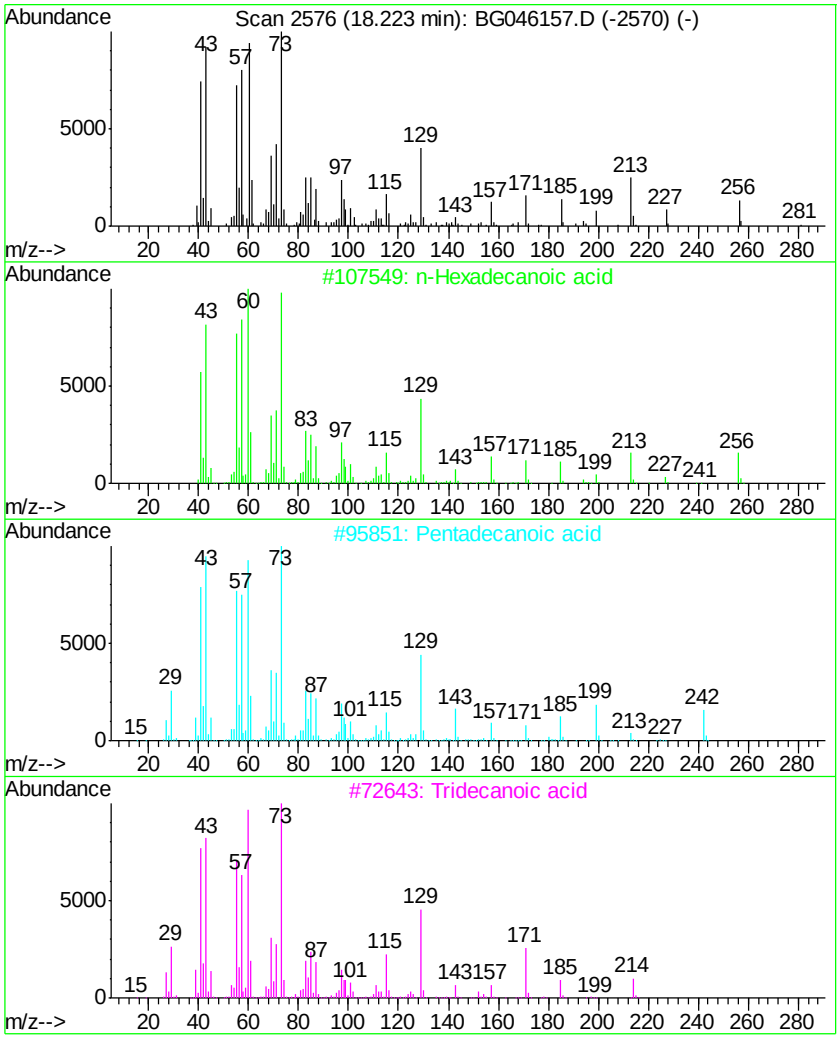
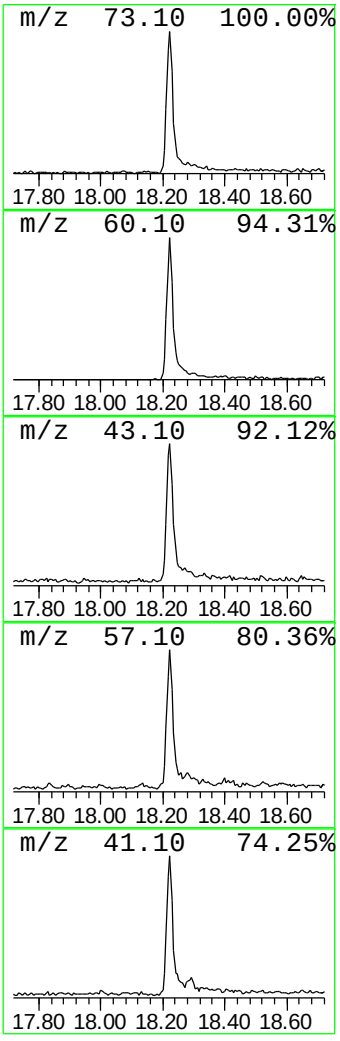
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	4.71 ng	332672	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Instrument : BNA_G
ClientSampleId : 20200448-SITE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
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TIC Library : C:\Database\NIST11.L
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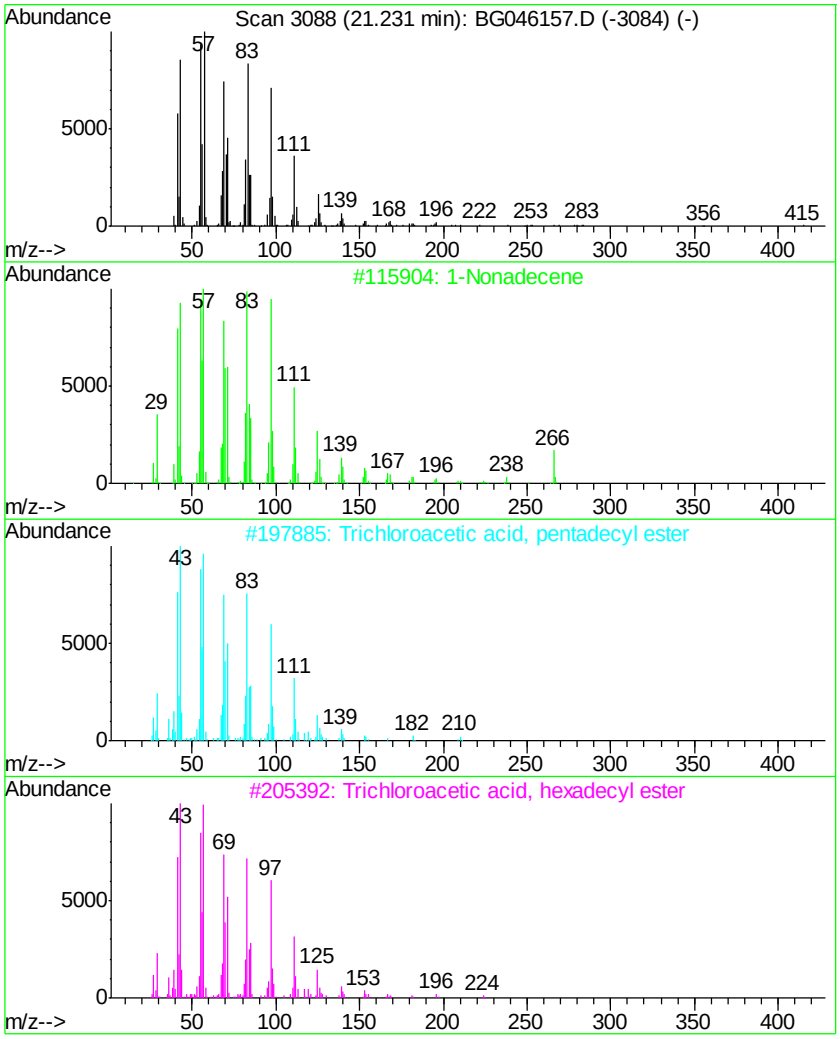
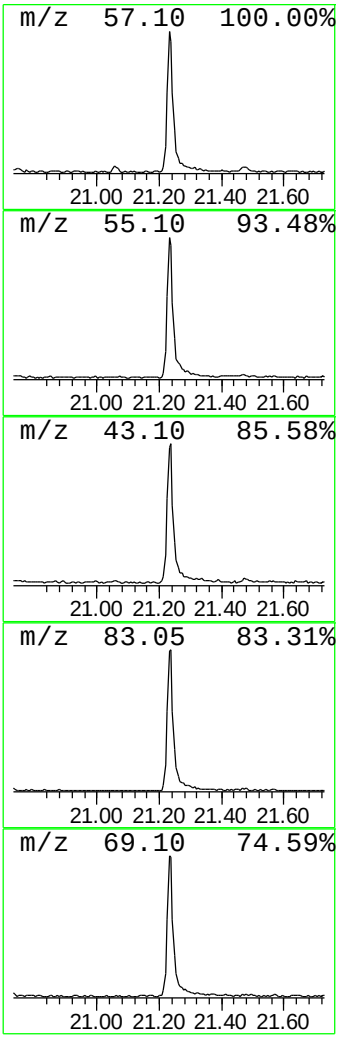
Peak Number 3 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	6.59 ng	572163	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	80.4	ng	2209300	1	7.95	549323	20.0
n-Hexadecanoic acid	18.22	4.7	ng	332672	4	17.32	1412450	20.0
1-Nonadecene	21.23	6.6	ng	572163	5	21.57	1735860	20.0