LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046540.D
Acq On : 4 Sep 2020 14:36
Operator : CG/JU
Sample : L3910-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LPBH-01

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-BG082520.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	3.129	3	7	26	rVB	939789	1503232	34.58%	7.017%
2	5.515	405	413	423	rBV	403693	654262	15.05%	3.054%
3	7.101	675	683	698	rBV	263432	463970	10.67%	2.166%
4	7.930	817	824	832	rBV	256490	420104	9.66%	1.961%
5	8.253	871	879	888	rBV	995442	1688678	38.85%	7.883%
6	9.081	1012	1020	1029	rBV	747333	1364676	31.39%	6.370%
7	10.726	1292	1300	1312	rBV	321998	594860	13.68%	2.777%
8	13.182	1709	1718	1735	rBV	2097389	3351465	77.10%	15.645%
9	14.011	1853	1859	1870	rBV	65954	102630	2.36%	0.479%
10	14.557	1945	1952	1963	rBV	557952	867096	19.95%	4.048%
11	16.044	2198	2205	2217	rBV	1075364	1716971	39.50%	8.015%
12	17.301	2412	2419	2430	rBV	724140	1129780	25.99%	5.274%
13	18.200	2568	2572	2581	rBV	113335	195064	4.49%	0.911%
14	19.475	2785	2789	2797	rBV3	44944	80214	1.85%	0.374%
15	19.916	2858	2864	2874	rBV	3285667	4346998	100.00%	20.292%
16	20.709	2995	2999	3004	rBV	161830	205399	4.73%	0.959%
17	21.220	3082	3086	3092	rBV3	67160	107984	2.48%	0.504%
18	21.549	3136	3142	3156	rVB	751126	1227682	28.24%	5.731%
19	23.012	3387	3391	3399	rVB3	30208	55897	1.29%	0.261%
20	24.651	3660	3670	3687	rVB2	450169	1345580	30.95%	6.281%

Sum of corrected areas: 21422542

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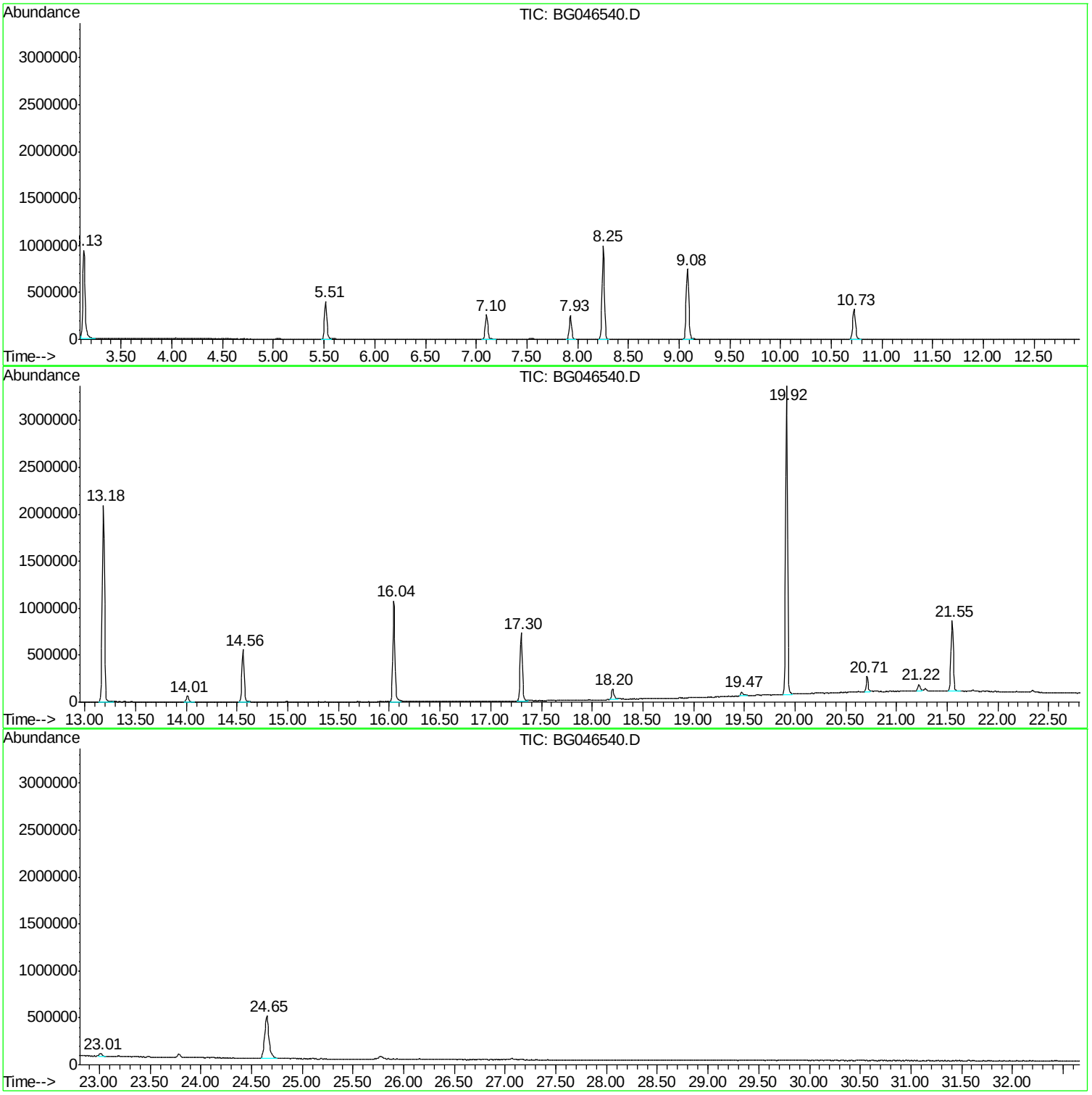
Instrument : BNA_G
ClientSampleId : LPBH-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.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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Data File : BG046540.D
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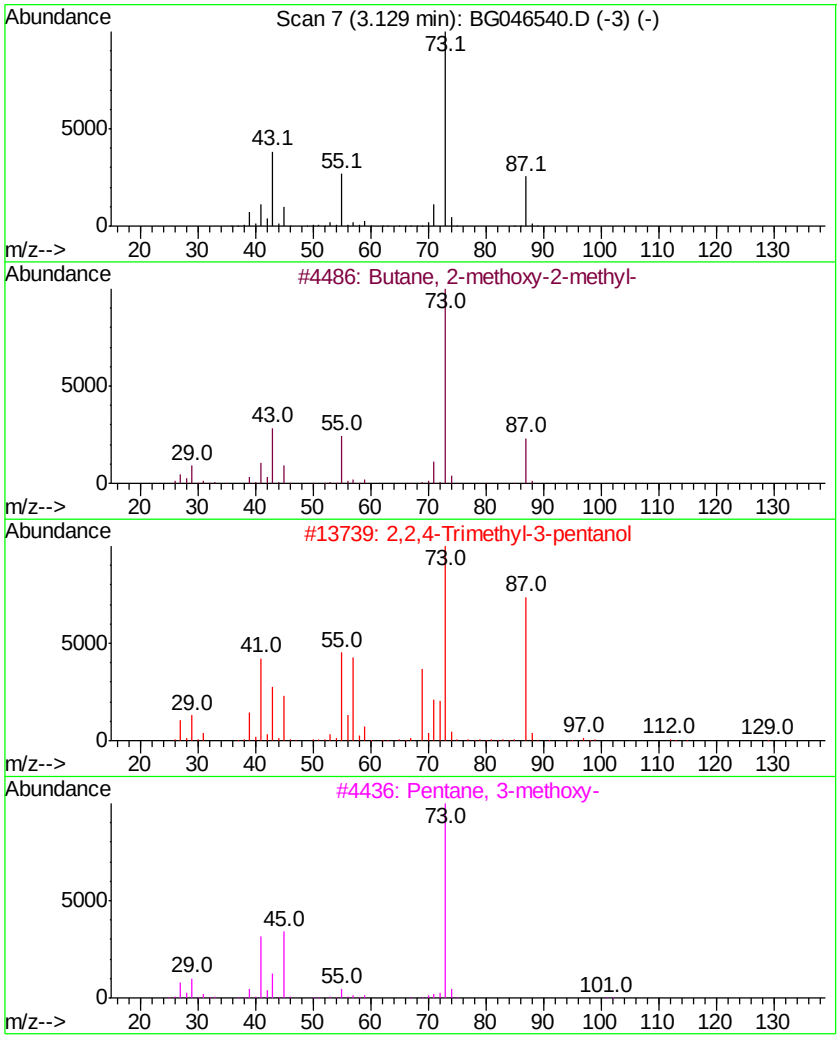
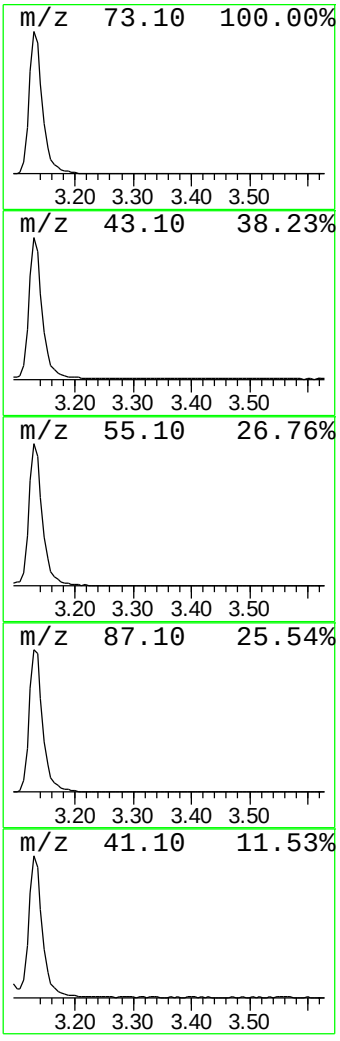
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	71.56 ng	1503230	1,4-Dichlorobenzene-d4	7.93

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Instrument : BNA_G
ClientSampleId : LPBH-01

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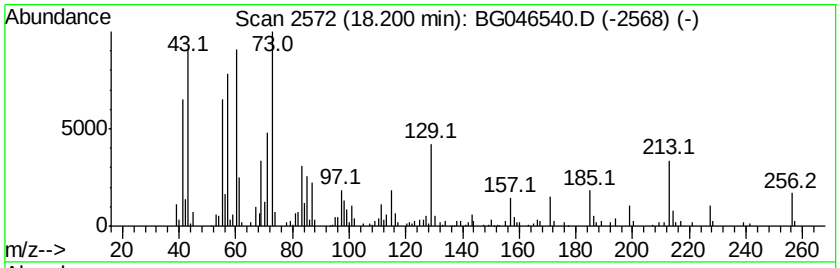
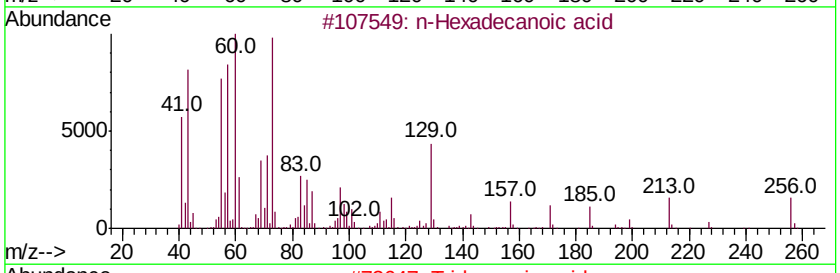
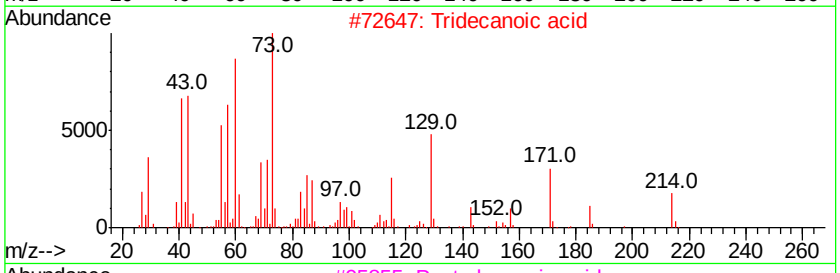
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

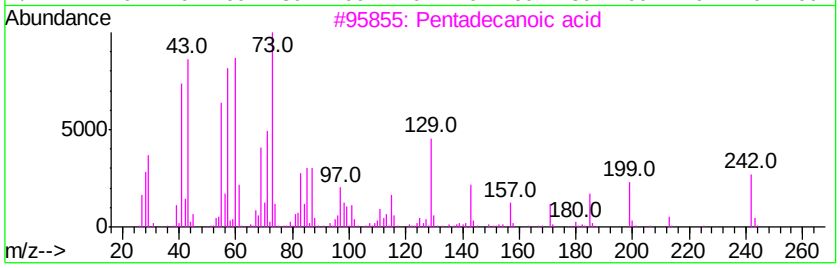
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.45 ng	195064	Phenanthrene-d10	17.30

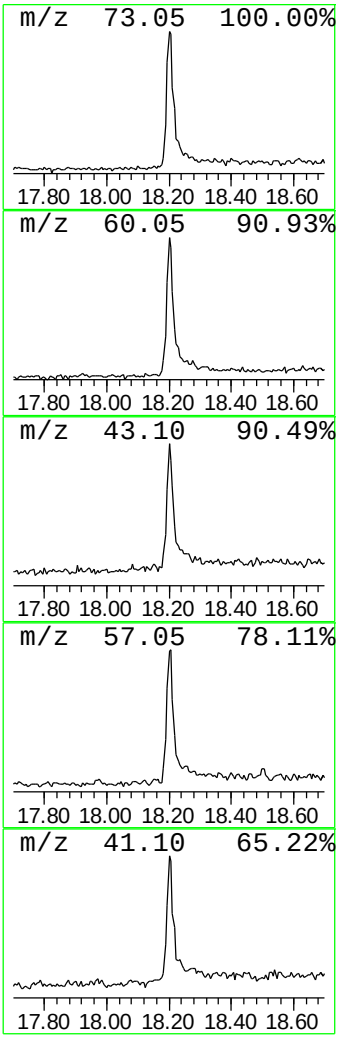
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	68











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ClientSampleId : LPBH-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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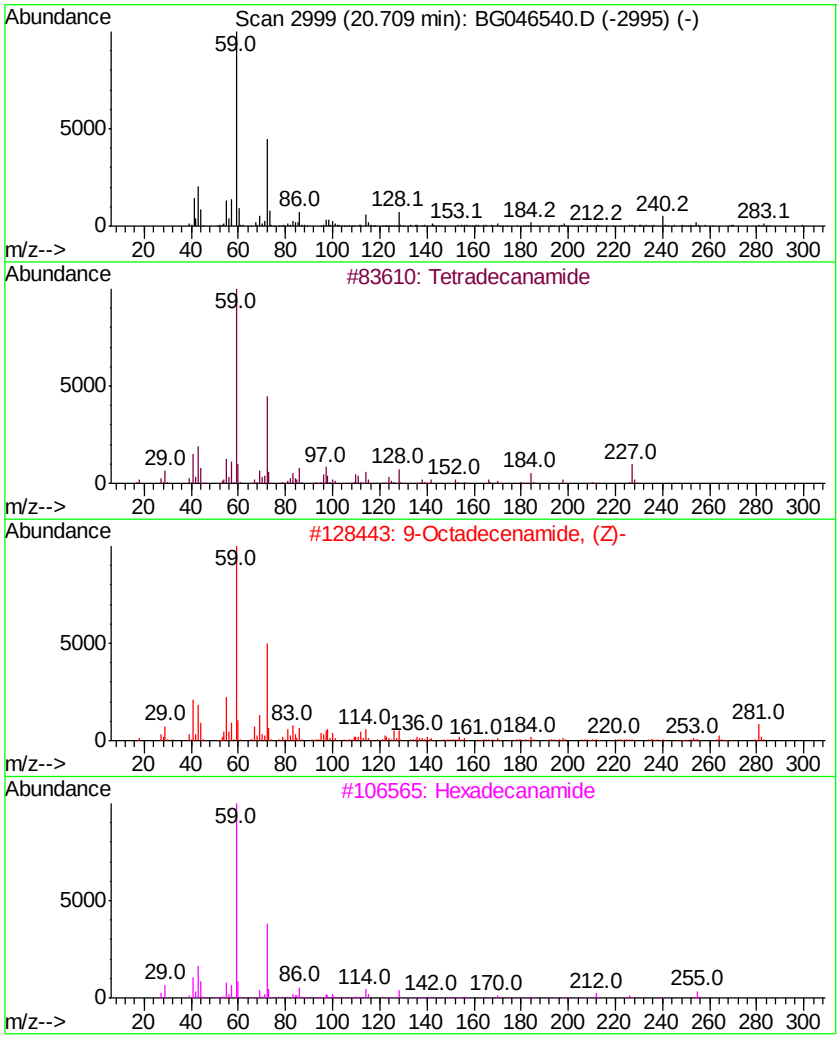
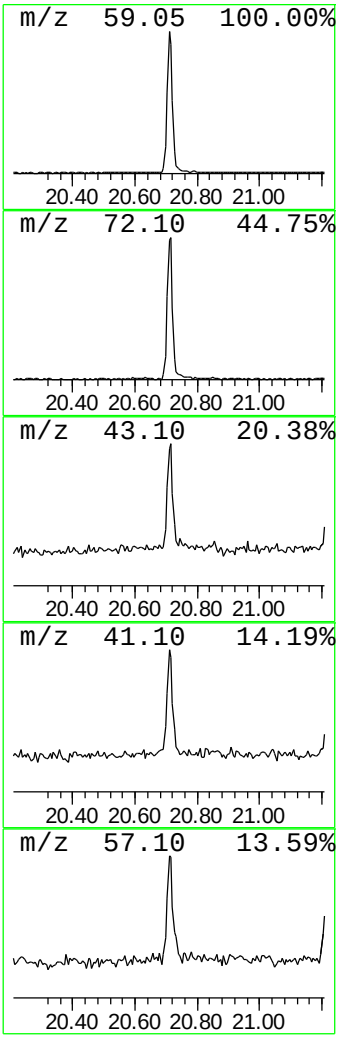
Peak Number 4 Tetradecanamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.71	3.35 ng	205399	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	Hexadecanamide	255	C16H33NO	000629-54-9	86
4	Octadecanamide	283	C18H37NO	000124-26-5	78
5	Decanamide-	171	C10H21NO	002319-29-1	72





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...	3.13	71.6	ng	1503230	1	7.93	420104	20.0
n-Hexadecanoic acid	18.20	3.5	ng	195064	4	17.30	1129780	20.0
Tetradecanamide	20.71	3.4	ng	205399	5	21.55	1227680	20.0