LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044731.D
Acq On : 12 Mar 2020 12:13
Operator : CG/JU
Sample : L1873-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

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-BG031020.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	3.155	5	11	20	rBV3	93640	216757	3.40%	0.650%
2	3.231	21	24	31	rVB	47214	75526	1.18%	0.227%
3	5.622	422	431	442	rBV	1800089	2933819	46.01%	8.803%
4	7.209	691	701	710	rBV	1830589	3185799	49.97%	9.559%
5	8.055	834	845	853	rBV	350378	604612	9.48%	1.814%
6	8.378	892	900	909	rBV	1289810	2345094	36.78%	7.036%
7	9.212	1032	1042	1049	rBV	1073531	2009599	31.52%	6.030%
8	10.863	1315	1323	1330	rBV	450779	828345	12.99%	2.485%
9	13.313	1731	1740	1749	rBV	2769270	4371328	68.56%	13.116%
10	14.136	1874	1880	1885	rBV	166277	242481	3.80%	0.728%
11	14.688	1967	1974	1981	rVB	712707	1178738	18.49%	3.537%
12	16.169	2218	2226	2241	rBV	2224266	3458116	54.24%	10.376%
13	17.432	2433	2441	2448	rBV	935950	1481323	23.23%	4.445%
14	18.331	2590	2594	2603	rBV2	111823	186667	2.93%	0.560%
15	20.047	2879	2886	2892	rBV	4699608	6375803	100.00%	19.130%
16	21.369	3106	3111	3118	rBV2	224736	371270	5.82%	1.114%
17	21.704	3161	3168	3178	rVB	945861	1637199	25.68%	4.912%
18	22.561	3310	3314	3320	rVB2	46878	75588	1.19%	0.227%
19	23.266	3430	3434	3439	rBV6	40986	64463	1.01%	0.193%
20	24.083	3568	3573	3581	rBV4	44656	91771	1.44%	0.275%
21	24.917	3705	3715	3725	rVB3	553914	1594007	25.00%	4.783%

Sum of corrected areas: 33328305

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ClientSampleId :
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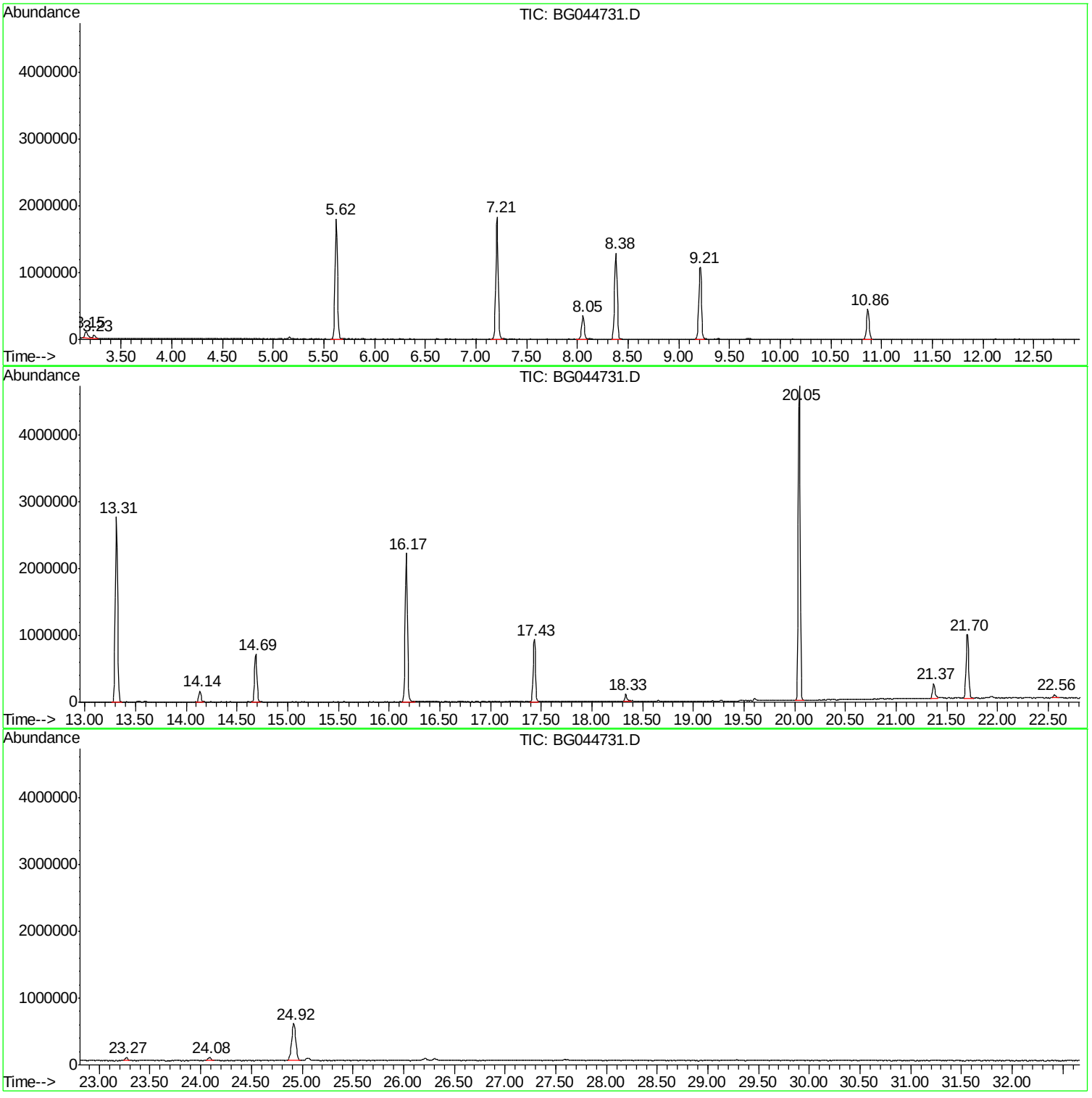
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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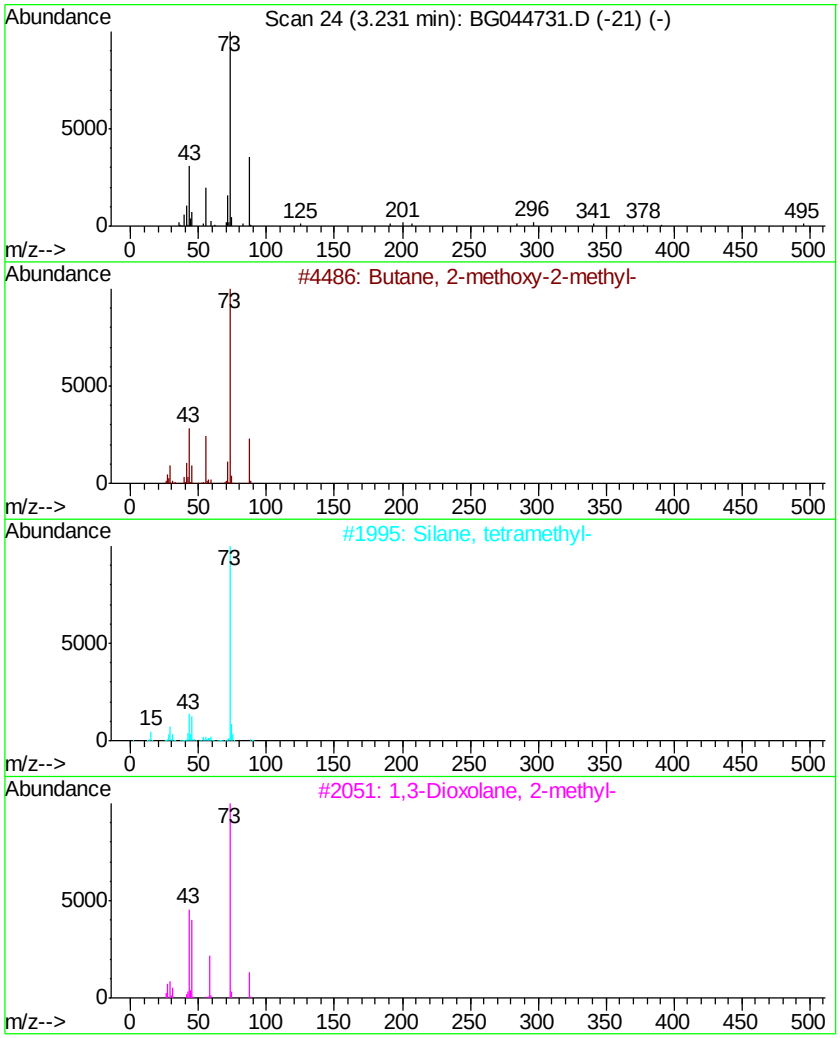
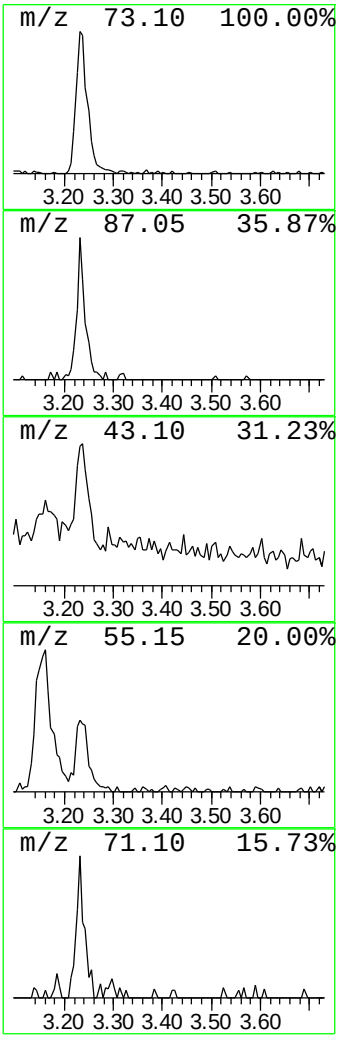
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	2.50 ng	75526	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





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ClientSampleId : TP-1

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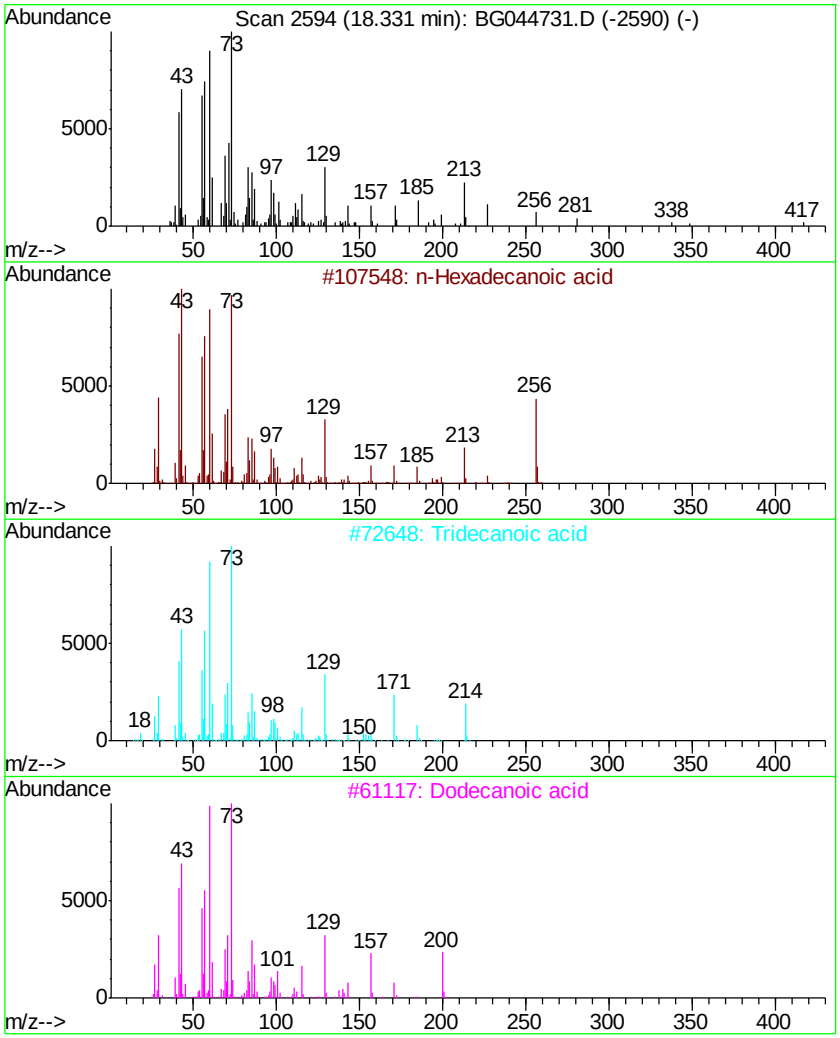
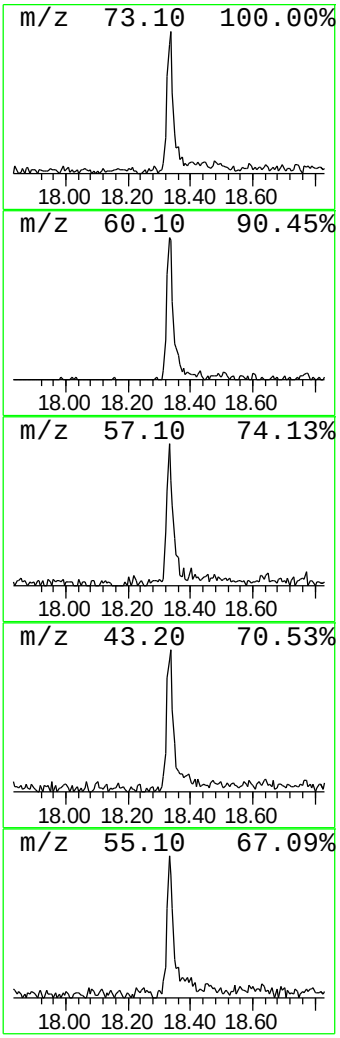
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.52 ng	186667	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	Dodecanoic acid	200	C12H24O2	000143-07-7	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Octadecanoic acid	284	C18H36O2	000057-11-4	53





Library Search Compound Report

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Acq On : 12 Mar 2020 12:13
Operator : CG/JU
Sample : L1873-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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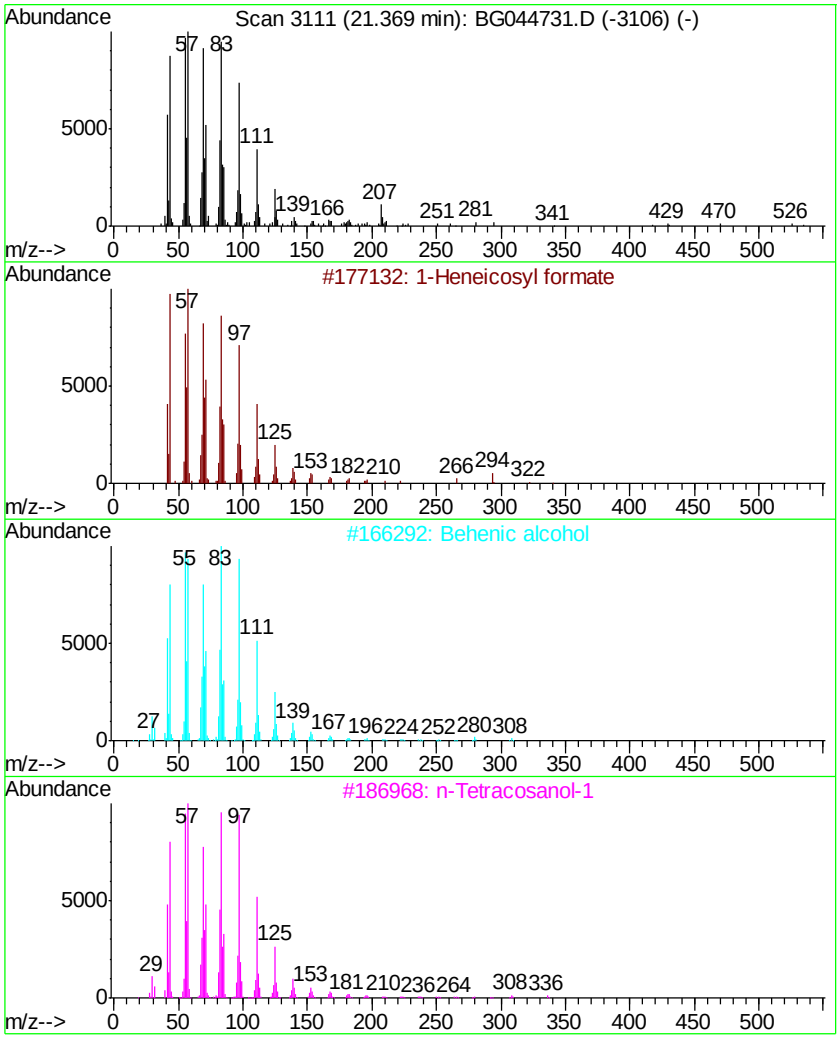
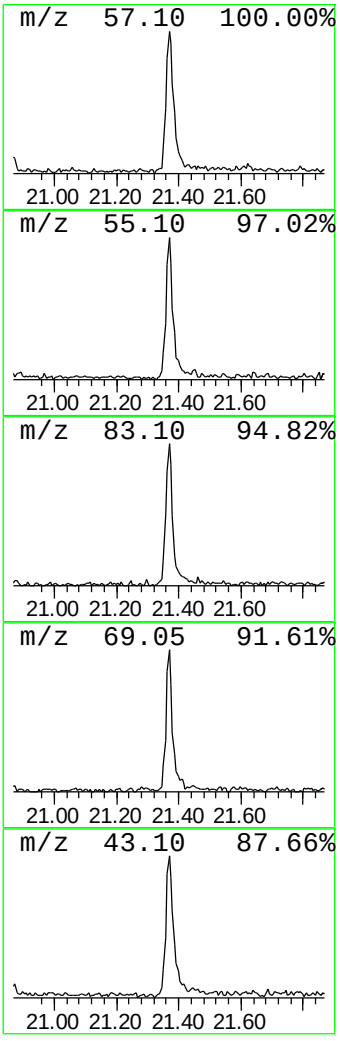
Peak Number 5 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.54 ng	371270	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Cyclohexadecane	224	C16H32	000295-65-8	93





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	3.23	2.5	ng	75526	1	8.05	604612	20.0
n-Hexadecanoic acid	18.33	2.5	ng	186667	4	17.43	1481320	20.0
1-Heneicosyl formate	21.37	4.5	ng	371270	5	21.70	1637200	20.0