LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044876.D
Acq On : 18 Mar 2020 23:08
Operator : CG/JU
Sample : L1917-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-139

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	3.146	4	10	19	rBV	151585	337504	5.34%	1.271%
2	3.223	19	23	36	rVB	115990	202906	3.21%	0.764%
3	5.614	423	430	438	rVB	526641	881139	13.93%	3.317%
4	7.194	692	699	709	rVB	330369	583418	9.22%	2.196%
5	8.041	837	843	851	rBV	247915	432046	6.83%	1.627%
6	8.370	888	899	908	rBV	1042384	1899291	30.03%	7.151%
7	9.198	1028	1040	1049	rBV	868096	1614428	25.53%	6.078%
8	10.849	1314	1321	1328	rBV	320597	593841	9.39%	2.236%
9	13.299	1731	1738	1748	rBV	2396905	3731682	59.00%	14.049%
10	14.122	1870	1878	1885	rBV	333317	490472	7.75%	1.847%
11	14.674	1963	1972	1980	rBV2	526795	867357	13.71%	3.265%
12	16.160	2218	2225	2236	rBV	2079390	3189744	50.43%	12.009%
13	17.418	2431	2439	2447	rBV	706706	1136412	17.97%	4.278%
14	18.317	2587	2592	2599	rBV2	122524	194829	3.08%	0.733%
15	20.032	2877	2884	2891	rBV	4502670	6324750	100.00%	23.812%
16	21.348	3103	3108	3117	rVV2	452011	761687	12.04%	2.868%
17	21.683	3159	3165	3175	rVB	797512	1335284	21.11%	5.027%
18	22.524	3304	3308	3316	rVB4	46523	95879	1.52%	0.361%
19	23.217	3420	3426	3435	rBV5	55127	123773	1.96%	0.466%
20	24.028	3559	3564	3574	rBV4	53232	110627	1.75%	0.416%
21	24.891	3698	3711	3721	rBV	463168	1323197	20.92%	4.982%
22	24.991	3722	3728	3735	rVB4	54758	125594	1.99%	0.473%
23	26.125	3916	3921	3930	rVB6	37112	102245	1.62%	0.385%
24	26.249	3935	3942	3947	rBV8	38022	103486	1.64%	0.390%

Sum of corrected areas: 26561591

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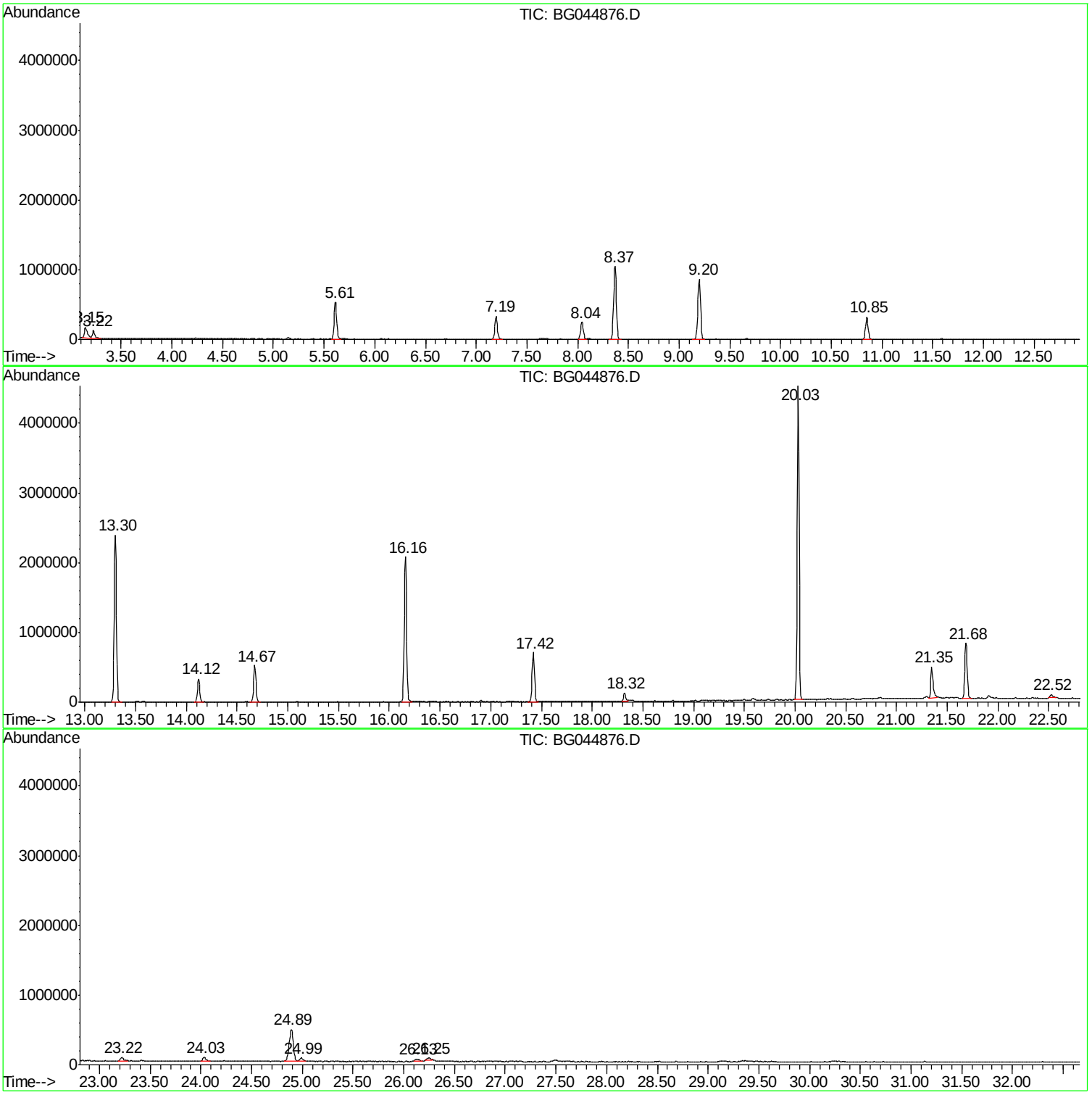
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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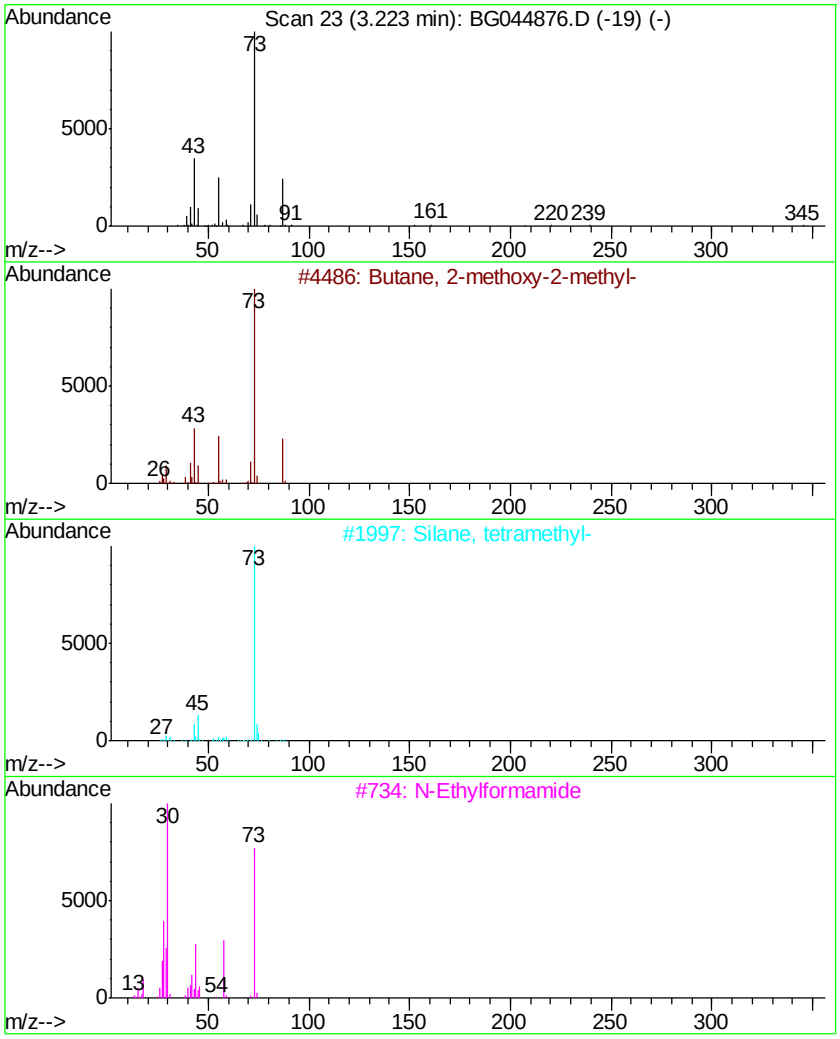
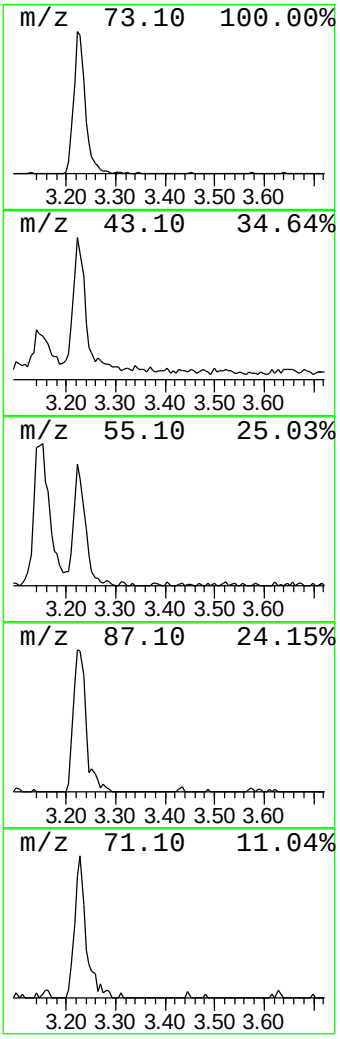
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	9.39 ng	202906	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





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ClientSampleId : CBH-139

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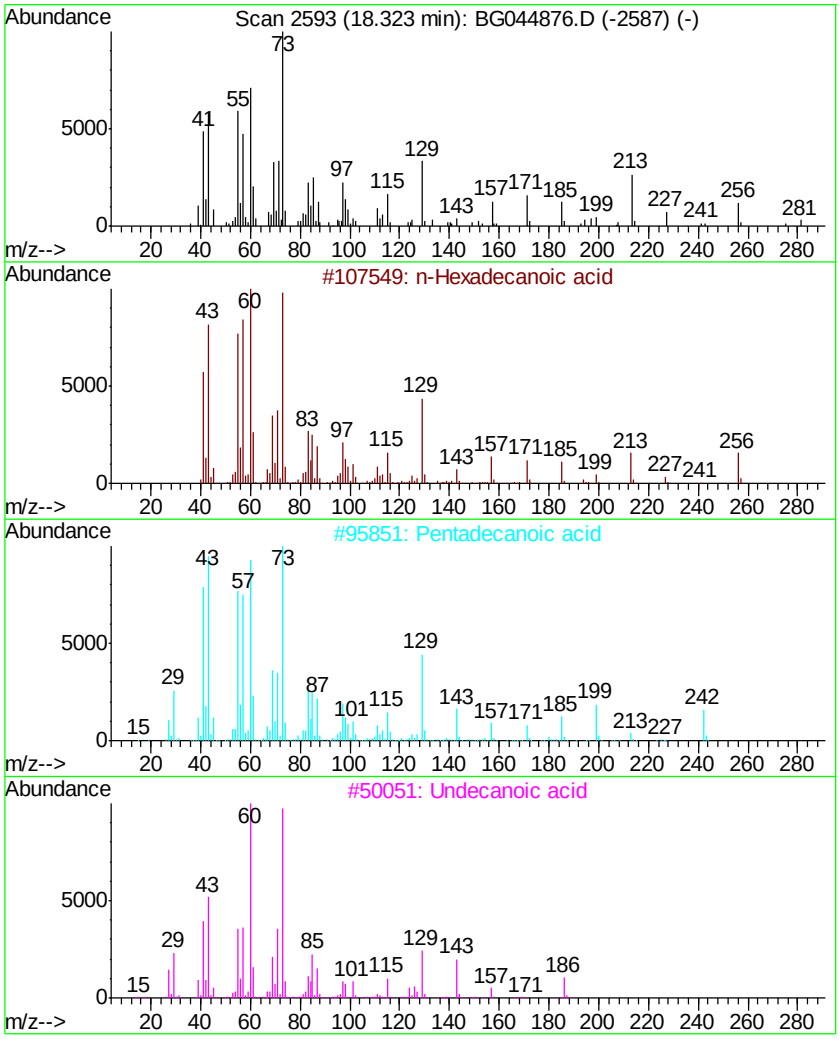
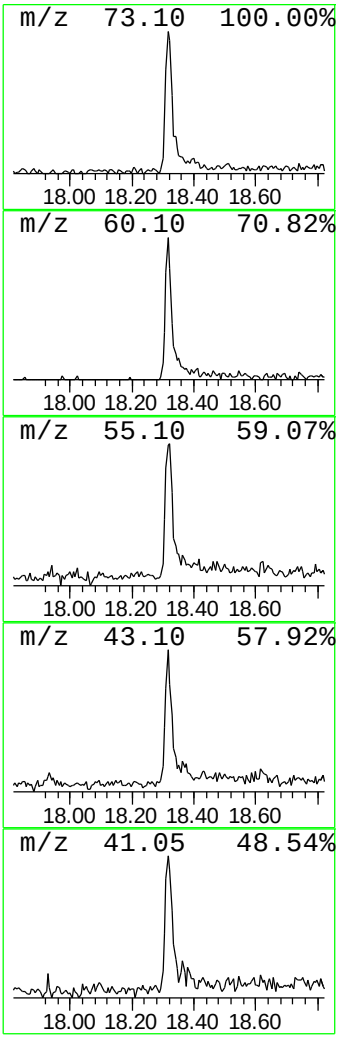
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.43 ng	194829	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044876.D
Acq On : 18 Mar 2020 23:08
Operator : CG/JU
Sample : L1917-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-139

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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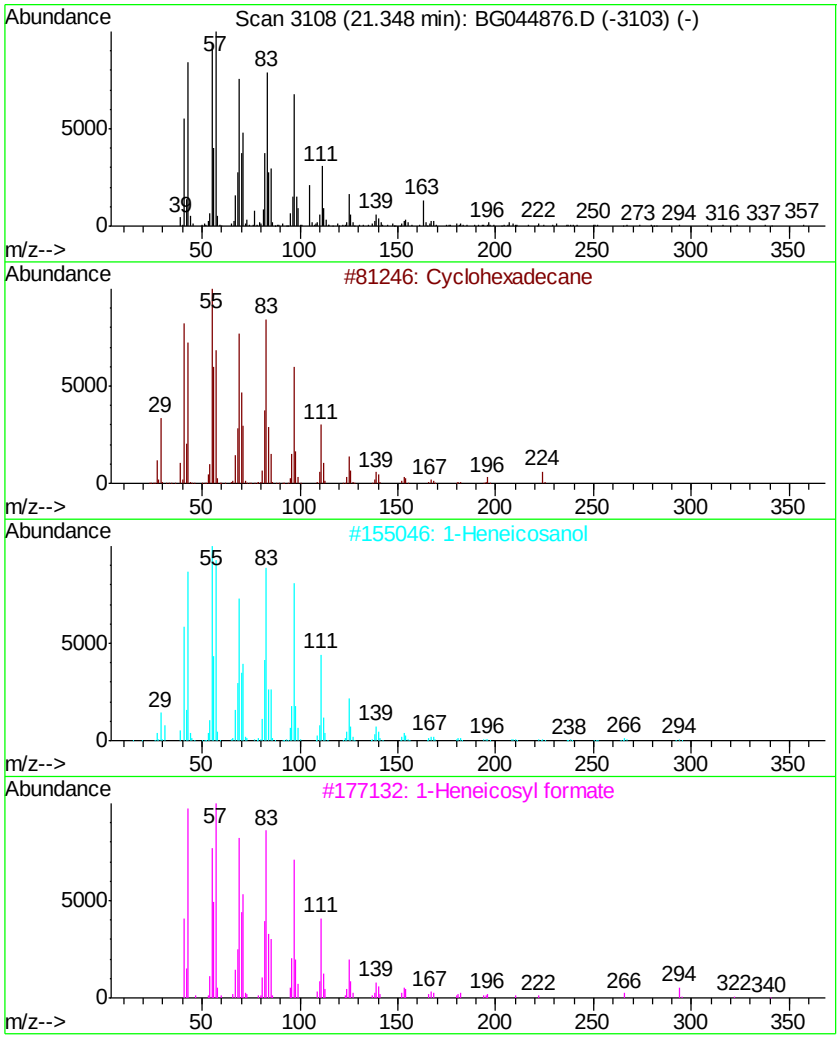
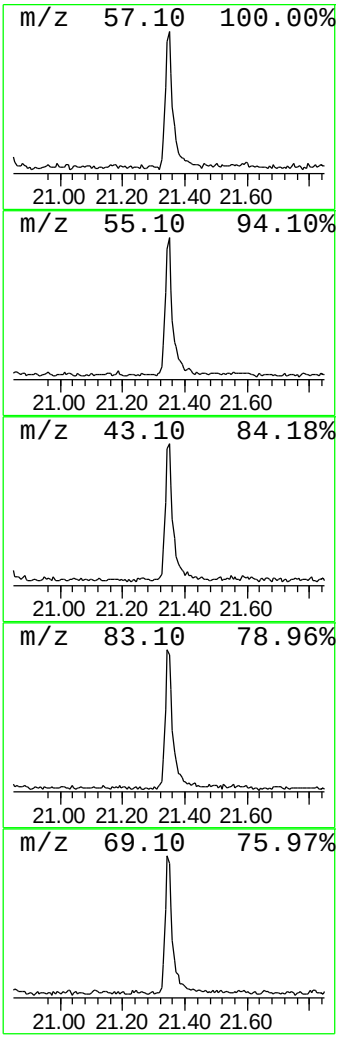
Peak Number 5 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	11.41 ng	761687	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





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...	3.22	9.4	ng	202906	1	8.04	432046	20.0
n-Hexadecanoic acid	18.32	3.4	ng	194829	4	17.42	1136410	20.0
Cyclohexadecane	21.35	11.4	ng	761687	5	21.68	1335280	20.0