LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019040.D
Acq On : 05 Mar 2019 17:13
Operator : JU/SJ
Sample : K1705-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-028-SW002-022719

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-BM021119.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	5.275	365	372	388	rBV	3311581	4881236	73.92%	8.620%
2	6.851	633	640	651	rBV	3172329	5086656	77.03%	8.983%
3	7.210	694	701	717	rBV	3534706	5428141	82.20%	9.586%
4	7.675	774	780	789	rBV	931388	1473391	22.31%	2.602%
5	7.992	824	834	845	rBV	2526582	3974248	60.18%	7.018%
6	8.845	971	979	998	rBV	1790080	3062130	46.37%	5.407%
7	10.463	1245	1254	1270	rBV	1052603	1834475	27.78%	3.240%
8	12.939	1668	1675	1689	rBV	3695833	5784264	87.59%	10.215%
9	13.798	1814	1821	1831	rBV	163443	262629	3.98%	0.464%
10	14.216	1885	1892	1902	rBV2	27992	81217	1.23%	0.143%
11	14.327	1904	1911	1924	rVV2	1343400	2127572	32.22%	3.757%
12	15.827	2159	2166	2187	rBV	2957648	4457615	67.50%	7.872%
13	17.080	2373	2379	2396	rBV2	1538975	2414503	36.56%	4.264%
14	17.968	2525	2530	2541	rBV	291238	508069	7.69%	0.897%
15	19.151	2726	2731	2738	rVB	144616	215616	3.27%	0.381%
16	19.256	2745	2749	2754	rBV2	116374	175175	2.65%	0.309%
17	19.515	2789	2793	2800	rVB	143083	204791	3.10%	0.362%
18	19.715	2822	2827	2841	rBV	5446488	6603769	100.00%	11.662%
19	20.980	3037	3042	3053	rBV3	303939	503939	7.63%	0.890%
20	21.186	3073	3077	3081	rBV	226381	249160	3.77%	0.440%
21	21.274	3087	3092	3097	rBV	1898818	2684892	40.66%	4.741%
22	21.415	3113	3116	3123	rBV2	114399	157753	2.39%	0.279%
23	21.845	3186	3189	3192	rBV	189328	251275	3.81%	0.444%
24	22.309	3264	3268	3273	rBV	278030	348527	5.28%	0.615%
25	22.815	3349	3354	3357	rBV	311472	469540	7.11%	0.829%
26	23.380	3446	3450	3454	rBV	254830	339661	5.14%	0.600%
27	23.521	3468	3474	3488	rVB	1316193	2650139	40.13%	4.680%
28	24.021	3555	3559	3567	rVB2	207462	397547	6.02%	0.702%

Sum of corrected areas: 56627930

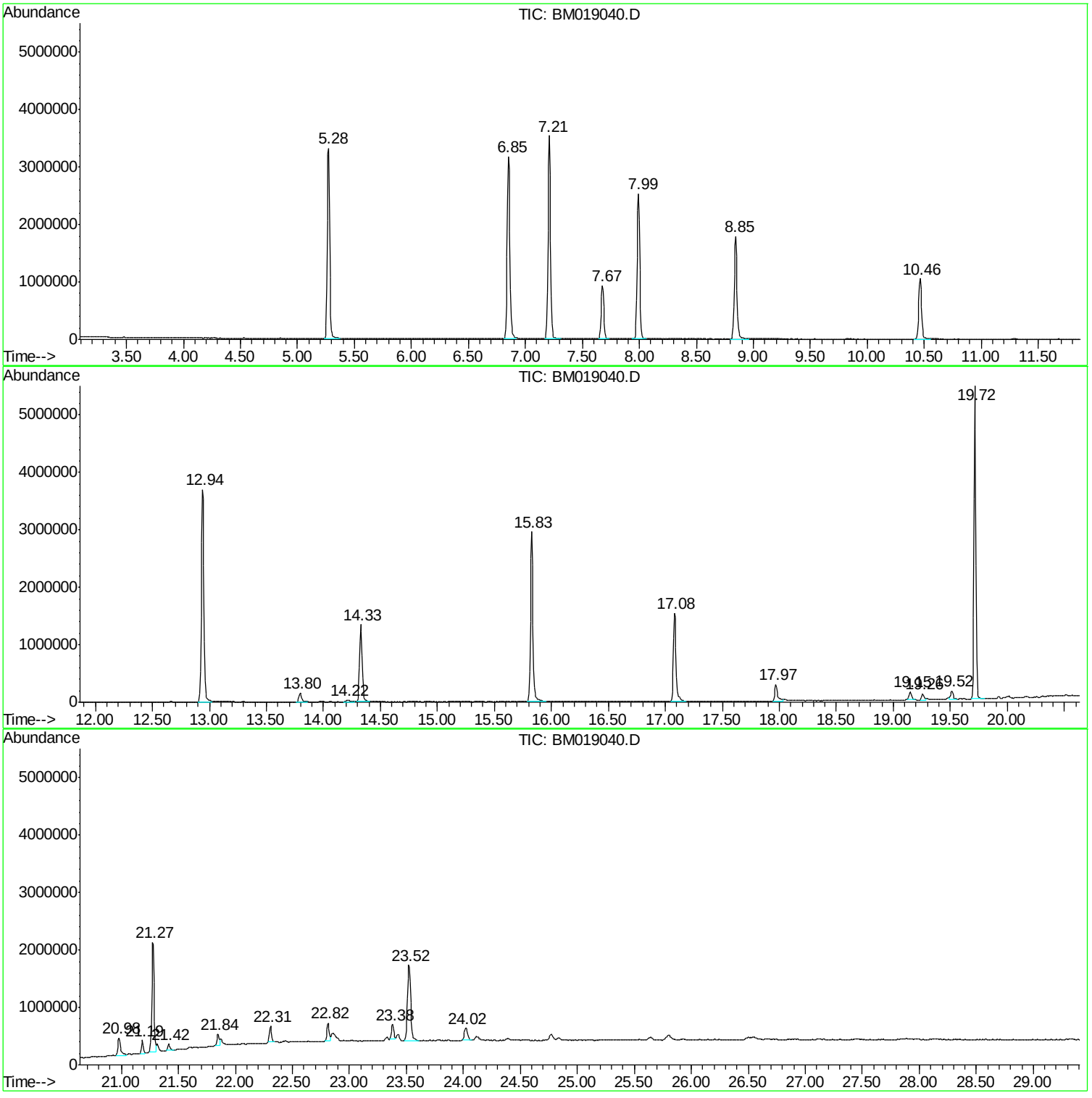
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019040.D
Acq On : 05 Mar 2019 17:13
Operator : JU/SJ
Sample : K1705-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-028-SW002-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019040.D
Acq On : 05 Mar 2019 17:13
Operator : JU/SJ
Sample : K1705-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-028-SW002-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

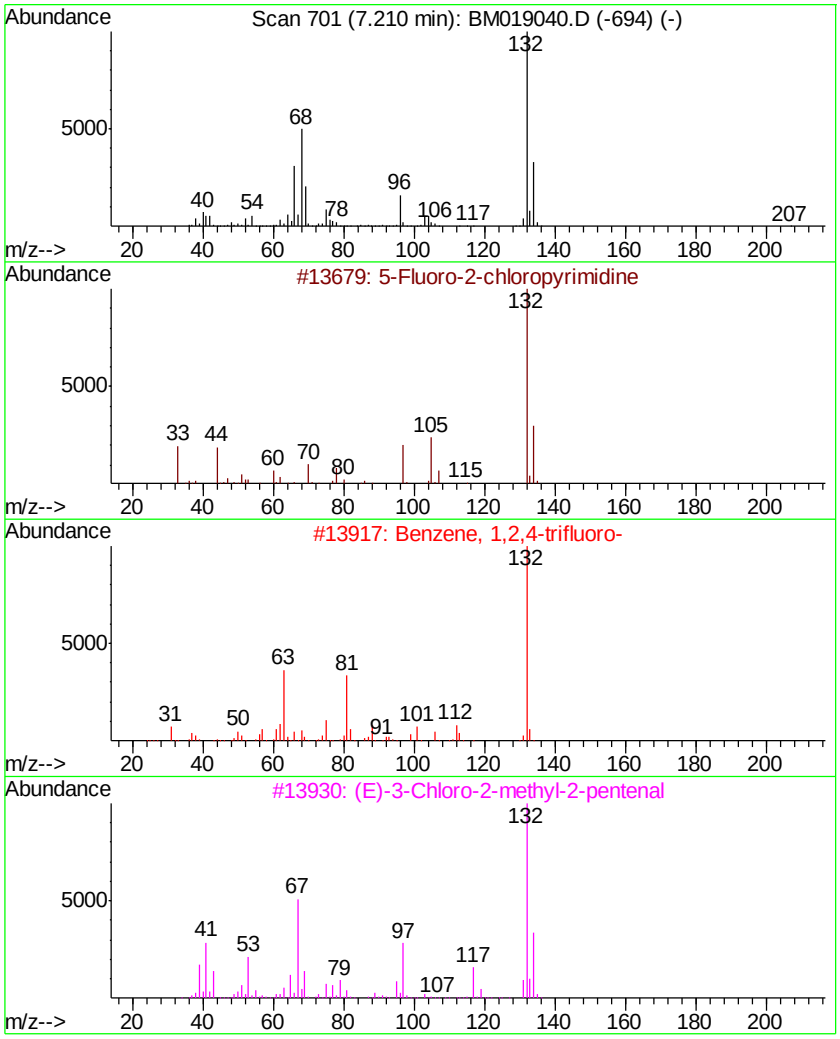
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

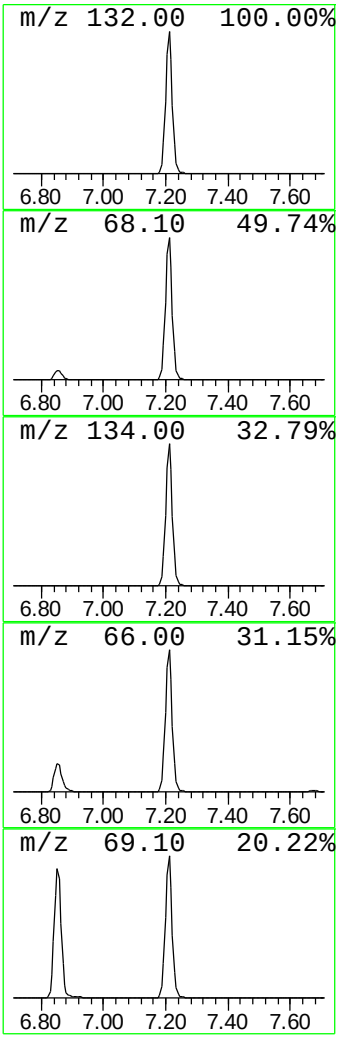
****

Peak Number 1 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	73.68 ng	5428140	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019040.D
Acq On : 05 Mar 2019 17:13
Operator : JU/SJ
Sample : K1705-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-028-SW002-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

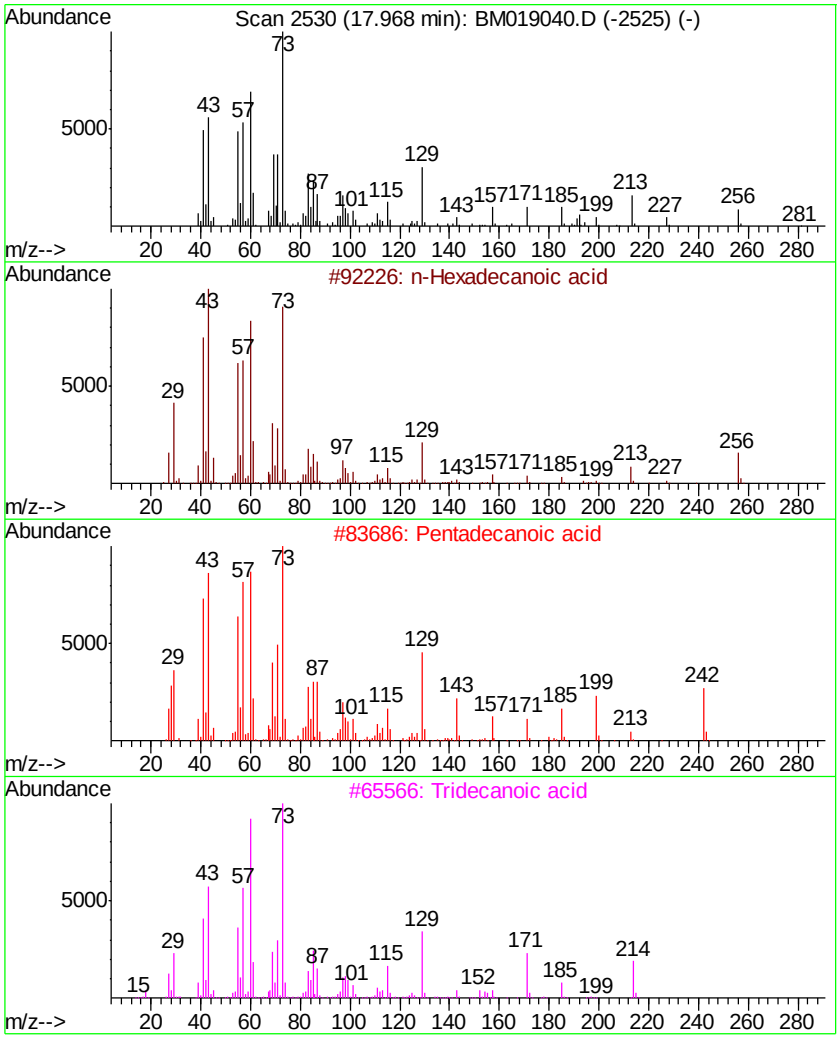
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

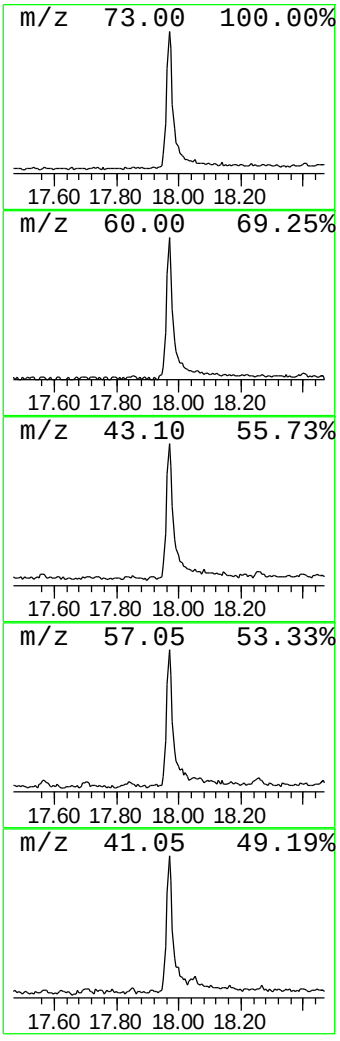
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	4.21 ng	508069	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019040.D
Acq On : 05 Mar 2019 17:13
Operator : JU/SJ
Sample : K1705-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-028-SW002-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

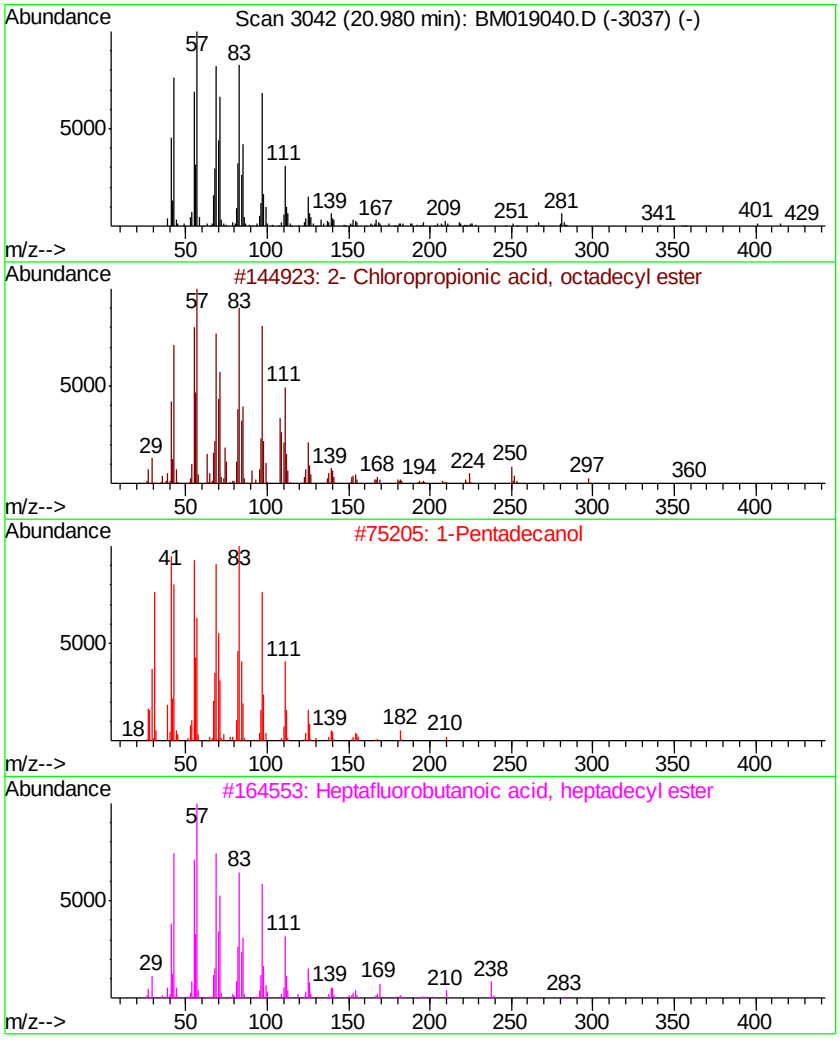
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

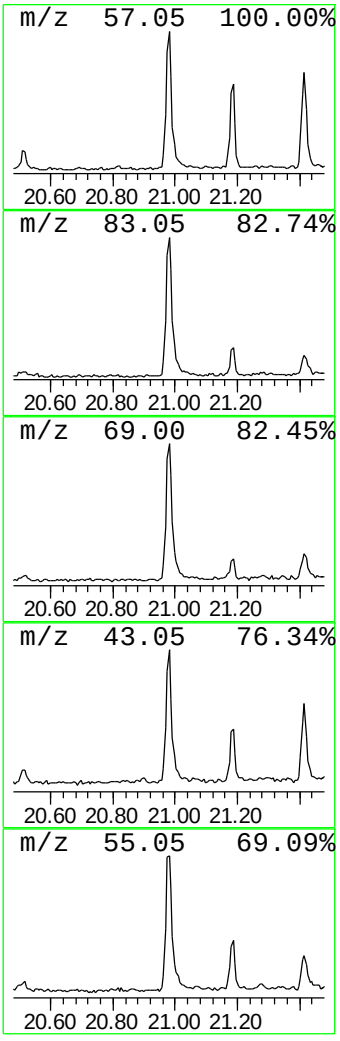
****

Peak Number 4 2- Chloropropionic acid, oc... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	3.75 ng	503939	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
2	1-Pentadecanol	228	C15H32O	000629-76-5	87
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	1-Octadecanol	270	C18H38O	000112-92-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019040.D
Acq On : 05 Mar 2019 17:13
Operator : JU/SJ
Sample : K1705-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-028-SW002-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

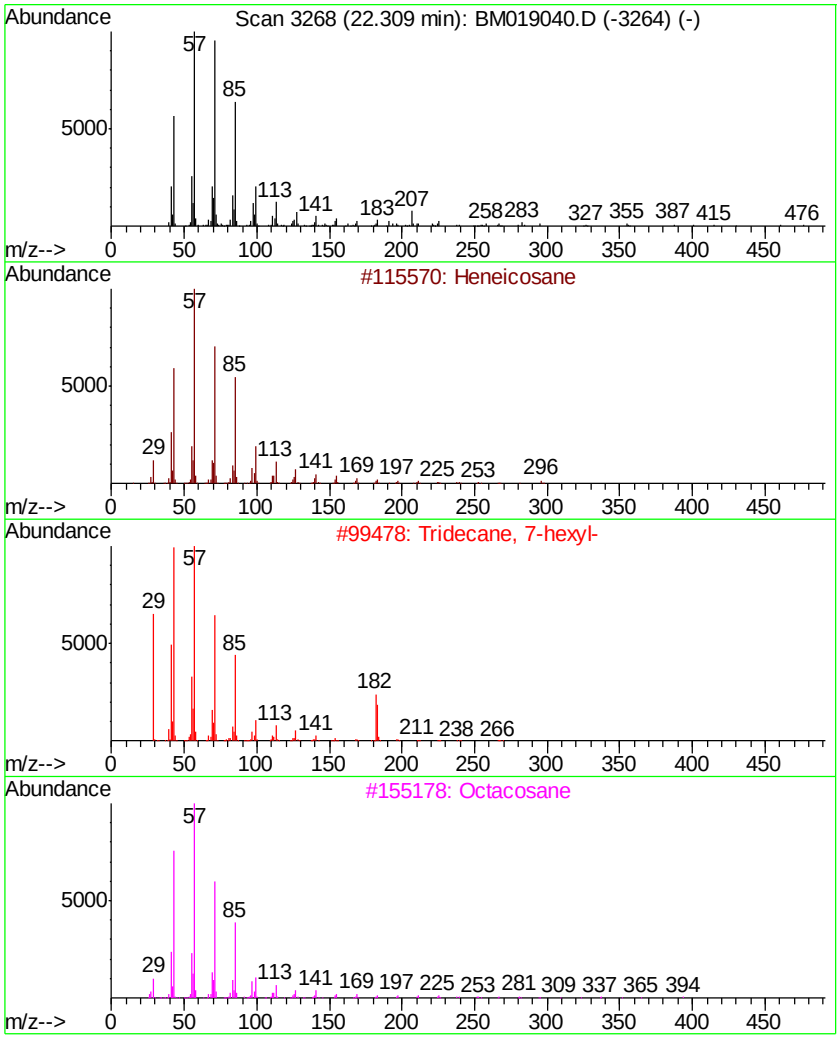
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

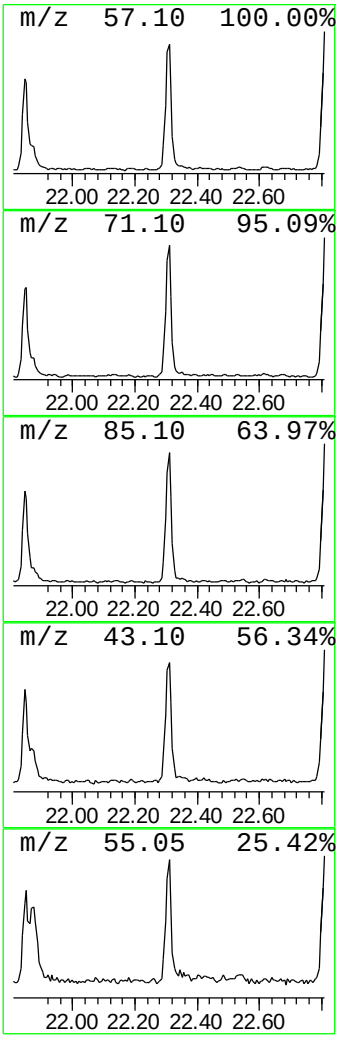
****

Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	2.60 ng	348527	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Nonacosane	408	C29H60	000630-03-5	86
5	Eicosane	282	C20H42	000112-95-8	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019040.D
Acq On : 05 Mar 2019 17:13
Operator : JU/SJ
Sample : K1705-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-028-SW002-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

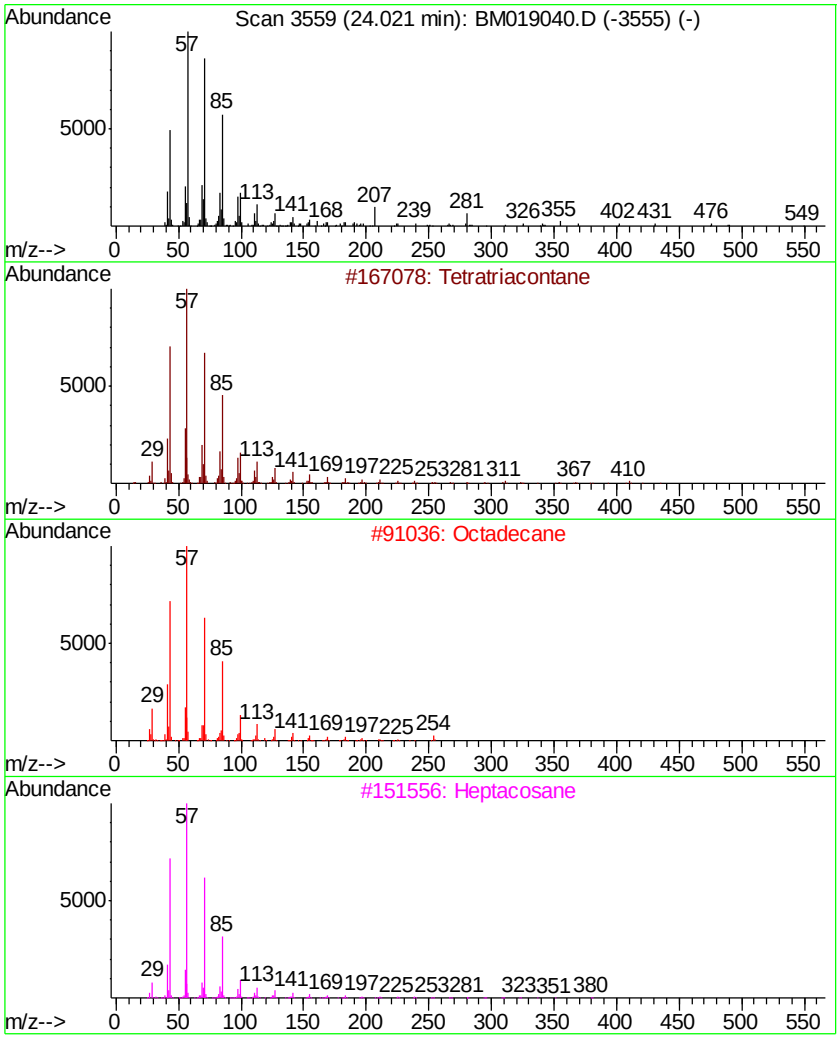
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

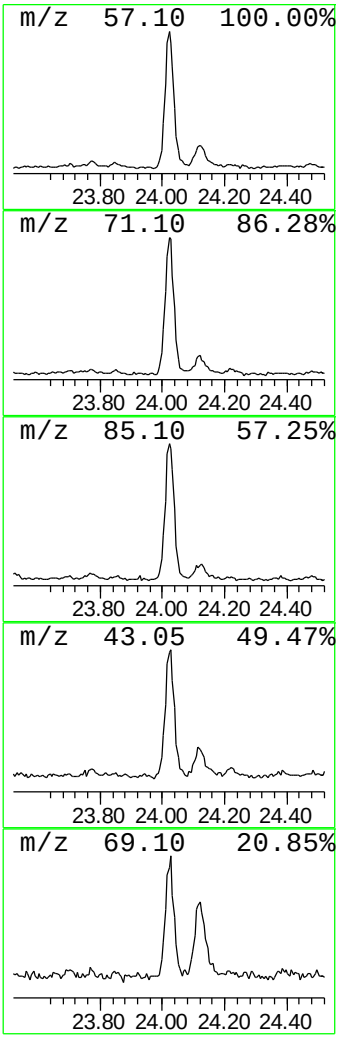
****

Peak Number 8 Tetratriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	3.00 ng	397547	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	83
2	Octadecane	254	C18H38	000593-45-3	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
5	Eicosane	282	C20H42	000112-95-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
Data File : BM019040.D
Acq On : 05 Mar 2019 17:13
Operator : JU/SJ
Sample : K1705-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-028-SW002-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.21	7.21	73.7	ng	5428140	1	7.67	1473390	20.0
n-Hexadecanoic acid	17.97	4.2	ng	508069	4	17.08	2414500	20.0
2- Chloropropioni...	20.98	3.8	ng	503939	5	21.27	2684890	20.0
Heneicosane	22.31	2.6	ng	348527	5	21.27	2684890	20.0
Tetratriacontane	24.02	3.0	ng	397547	6	23.52	2650140	20.0