LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080918\
Data File : BN002270.D
Acq On : 09 Aug 2018 19:21
Operator : JU/SJ
Sample : J4301-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AF3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN071318MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	41	45	51	rVB	60472	85049	1.78%	0.132%
2	6.863	653	659	670	rBV	1051585	1786137	37.30%	2.778%
3	7.028	680	687	700	rBV	924799	1406881	29.38%	2.188%
4	7.222	713	720	733	rBV	1125417	1785375	37.28%	2.777%
5	7.687	792	799	806	rBV	1037873	1629780	34.03%	2.535%
6	8.387	912	918	935	rBV	1177620	1960571	40.94%	3.049%
7	8.834	987	994	1009	rVB	1153473	1884065	39.34%	2.930%
8	9.552	1109	1116	1126	rBV	910684	1563338	32.65%	2.431%
9	10.087	1200	1207	1222	rBV	1293749	2282954	47.67%	3.551%
10	10.457	1261	1270	1279	rBV	1511803	2511232	52.44%	3.906%
11	10.599	1286	1294	1311	rBV	1064621	1907691	39.84%	2.967%
12	13.540	1788	1794	1799	rBV2	45296	66994	1.40%	0.104%
13	13.728	1820	1826	1831	rBV	2312320	3312754	69.18%	5.152%
14	13.775	1831	1834	1845	rVB	882091	1183498	24.71%	1.841%
15	14.010	1866	1874	1884	rBV	2706752	4155144	86.77%	6.462%
16	14.316	1915	1926	1938	rBV2	2081861	3199193	66.81%	4.975%
17	14.528	1956	1962	1972	rBV	739142	1290640	26.95%	2.007%
18	15.316	2089	2096	2102	rBV	3241726	4788644	100.00%	7.447%
19	15.440	2112	2117	2128	rBV	957931	1347652	28.14%	2.096%
20	15.551	2131	2136	2141	rBV2	35456	57594	1.20%	0.090%
21	16.045	2216	2220	2223	rBV	47753	64133	1.34%	0.100%
22	16.839	2350	2355	2361	rBV2	54159	81968	1.71%	0.127%
23	17.063	2387	2393	2400	rBV2	2461152	3441293	71.86%	5.352%
24	17.163	2403	2410	2421	rBV2	3350624	4781173	99.84%	7.436%
25	17.575	2476	2480	2485	rBV	46425	57160	1.19%	0.089%
26	17.975	2542	2548	2565	rBV	1018898	1646900	34.39%	2.561%
27	19.257	2761	2766	2778	rBV	448222	740183	15.46%	1.151%
28	19.351	2778	2782	2787	rVB3	35206	65796	1.37%	0.102%
29	19.463	2795	2801	2808	rBV	3324417	4533194	94.67%	7.050%
30	19.533	2808	2813	2823	rVV3	58630	143954	3.01%	0.224%
31	20.522	2977	2981	2984	rBV2	53773	52211	1.09%	0.081%
32	20.986	3057	3060	3063	rBV	57681	75404	1.57%	0.117%
33	21.039	3063	3069	3090	rVB8	94429	481864	10.06%	0.749%
34	21.263	3101	3107	3113	rBV	2159292	2703013	56.45%	4.204%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080918\
Data File : BN002270.D
Acq On : 09 Aug 2018 19:21
Operator : JU/SJ
Sample : J4301-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AF3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN071318MA.M
Title : SVOA CALIBRATION

35	21.422	3131	3134	3138	rVV2	78333	84686	1.77%	0.132%
36	21.857	3204	3208	3212	rBV	91006	112804	2.36%	0.175%
37	22.316	3282	3286	3290	rVB2	107828	143099	2.99%	0.223%
38	22.445	3304	3308	3314	rBV	101796	141360	2.95%	0.220%
39	22.821	3368	3372	3376	rVB	117493	158016	3.30%	0.246%
40	23.345	3454	3461	3473	rBV2	1897095	3666902	76.57%	5.703%
41	23.486	3478	3485	3493	rBV	1315136	2462897	51.43%	3.830%
42	24.016	3570	3575	3584	rVB3	122134	239275	5.00%	0.372%
43	24.751	3695	3700	3707	rVB	109929	216457	4.52%	0.337%

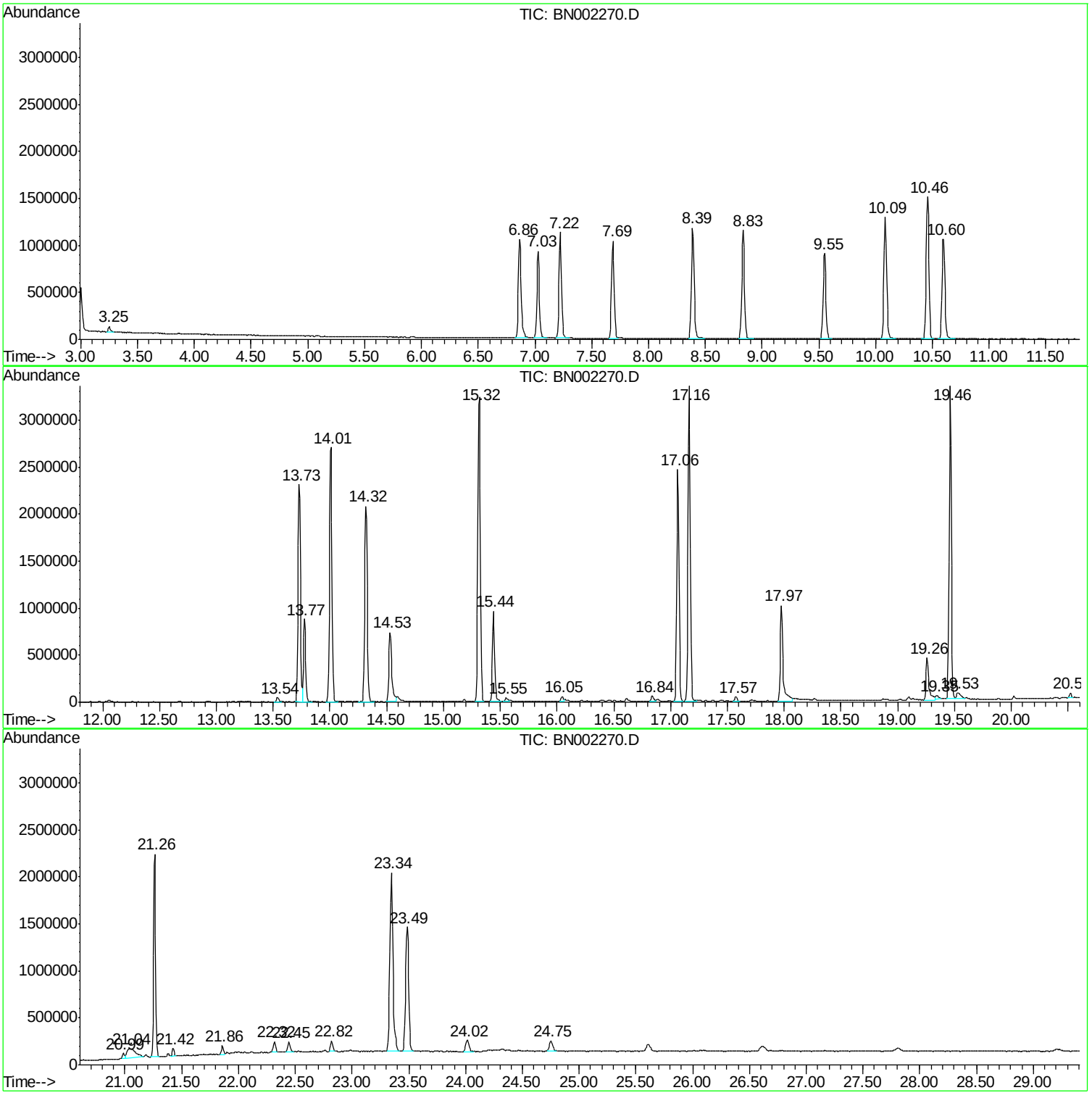
Sum of corrected areas: 64298928

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080918\
Data File : BN002270.D
Acq On : 09 Aug 2018 19:21
Operator : JU/SJ
Sample : J4301-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080918\
Data File : BN002270.D
Acq On : 09 Aug 2018 19:21
Operator : JU/SJ
Sample : J4301-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AF3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

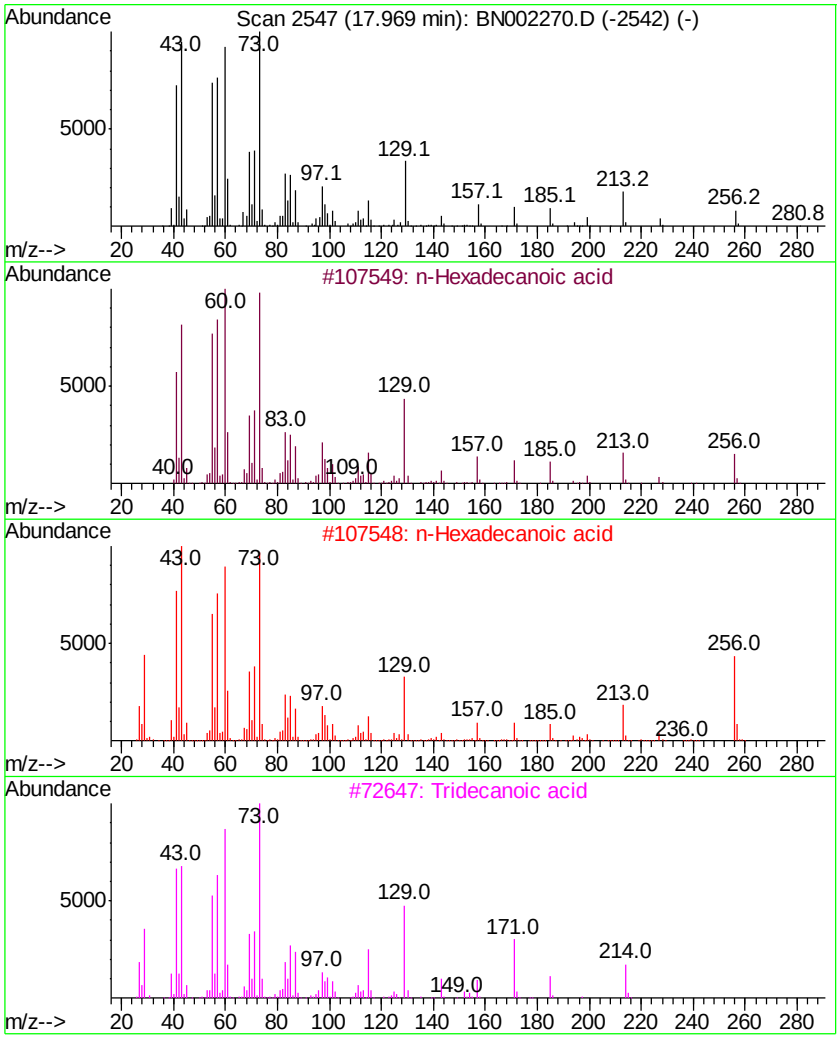
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

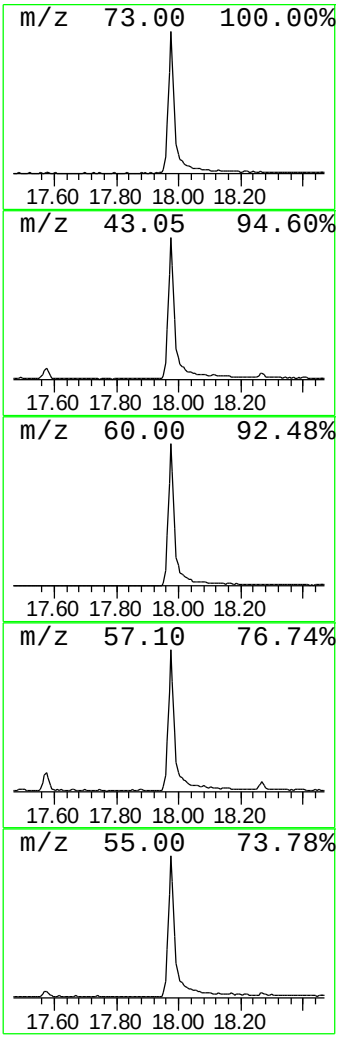
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	9.57 ng/ul	1646900	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080918\
Data File : BN002270.D
Acq On : 09 Aug 2018 19:21
Operator : JU/SJ
Sample : J4301-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AF3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

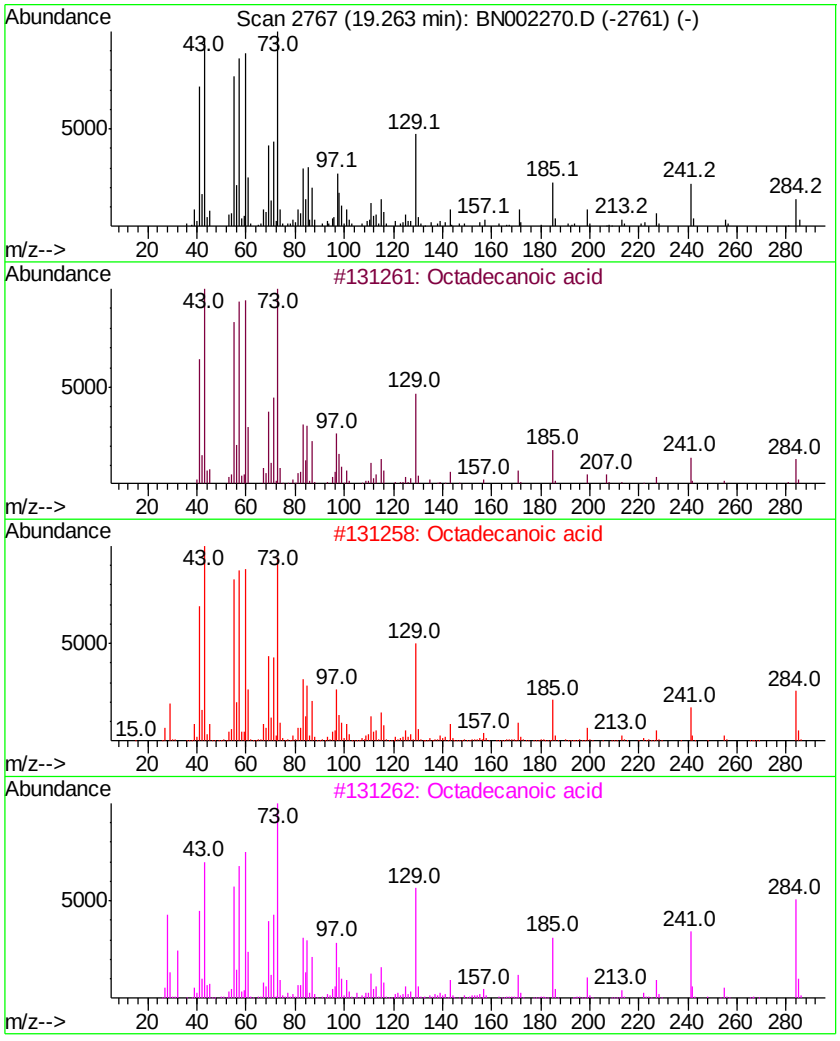
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

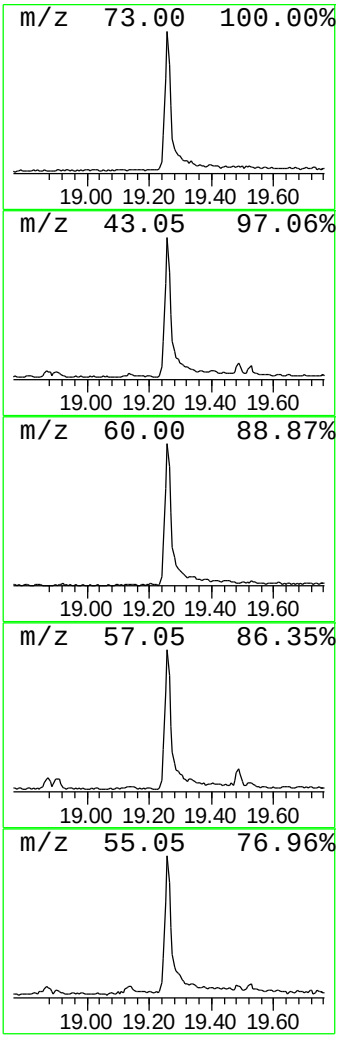
****

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	5.48 ng/ul	740183	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080918\
Data File : BN002270.D
Acq On : 09 Aug 2018 19:21
Operator : JU/SJ
Sample : J4301-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AF3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

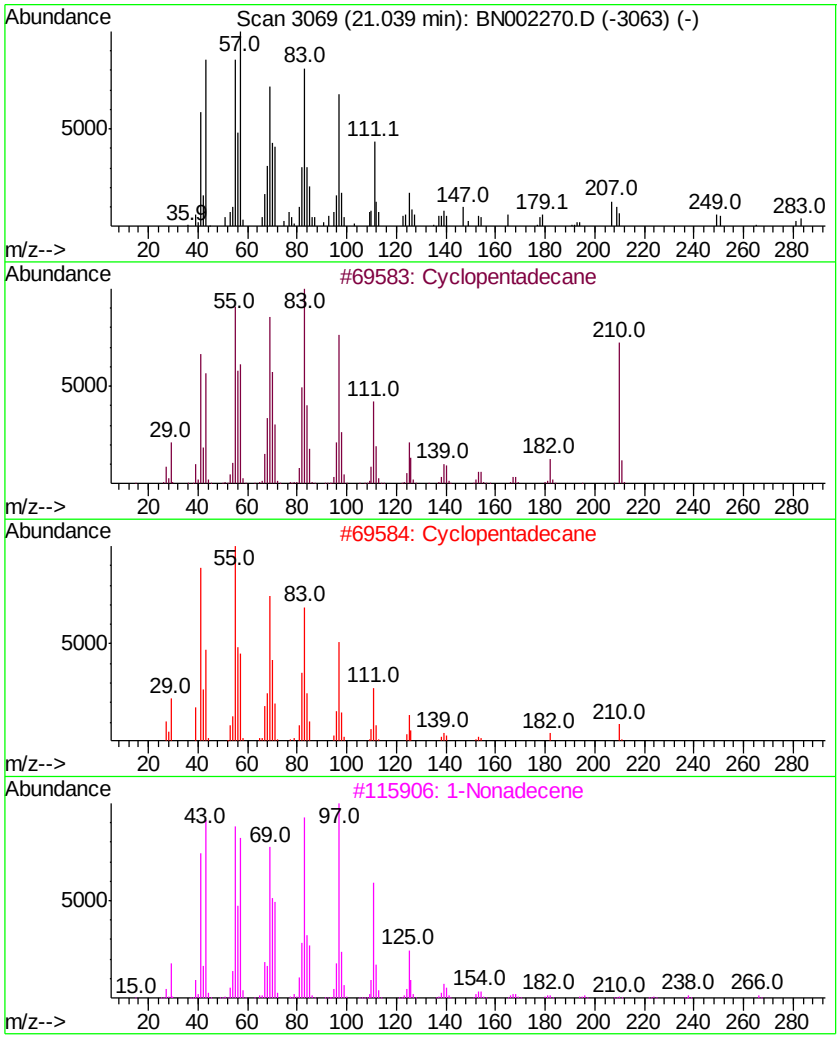
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

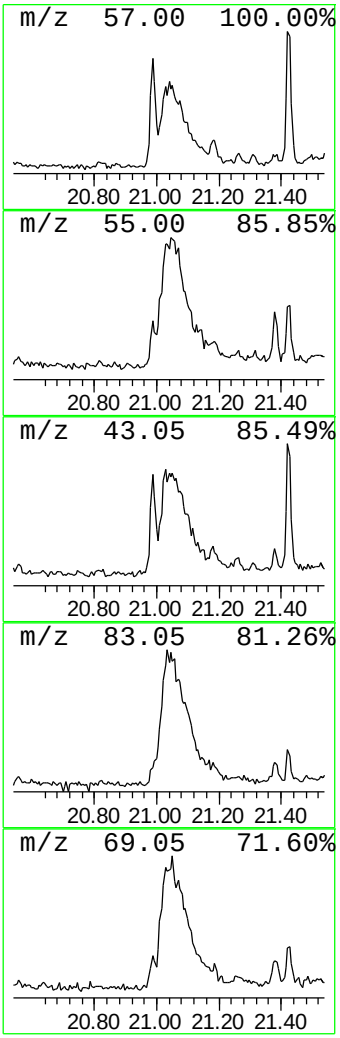
****

Peak Number 3 (DEL) Alkane: Cyclic21.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	3.57 ng/ul	481864	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	1-Nonadecene	266	C19H38	018435-45-5	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080918\
Data File : BN002270.D
Acq On : 09 Aug 2018 19:21
Operator : JU/SJ
Sample : J4301-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AF3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA 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
n-Hexadecanoic acid	17.97	9.6	ng/ul	1646900	4	17.06	3441290	20.0
Octadecanoic acid	19.26	5.5	ng/ul	740183	5	21.26	2703010	20.0
(DEL) Alkane: Cyc...	21.04	3.6	ng/ul	481864	5	21.26	2703010	20.0