LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041967.D
Acq On : 5 Aug 2019 16:10
Operator : HP/JU
Sample : K3976-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0CB3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM-EPA-BG080319MA.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	3.159	7	12	27	rVB	372291	638080	6.62%	2.023%
2	3.394	45	52	77	rBV	5089005	9638068	100.00%	30.554%
3	4.721	273	278	288	rVB2	23041	40495	0.42%	0.128%
4	7.183	691	697	706	rBV	57051	114761	1.19%	0.364%
5	7.354	716	726	740	rBV	181997	341194	3.54%	1.082%
6	7.559	754	761	774	rBV	218390	414493	4.30%	1.314%
7	8.035	835	842	851	rBV	230787	404993	4.20%	1.284%
8	8.740	955	962	973	rBV	170057	322243	3.34%	1.022%
9	9.199	1032	1040	1049	rBV	265011	497080	5.16%	1.576%
10	9.927	1156	1164	1176	rBV	233890	443182	4.60%	1.405%
11	10.474	1248	1257	1277	rBV	324423	684205	7.10%	2.169%
12	10.861	1314	1323	1333	rBV	307252	593893	6.16%	1.883%
13	10.991	1339	1345	1359	rVB	34917	72126	0.75%	0.229%
14	12.448	1587	1593	1598	rBV2	6525	9745	0.10%	0.031%
15	14.093	1866	1873	1878	rBV	683928	1046894	10.86%	3.319%
16	14.140	1878	1881	1891	rVB	107287	163501	1.70%	0.518%
17	14.387	1916	1923	1936	rBV	808251	1331254	13.81%	4.220%
18	14.692	1969	1975	1988	rVB	514499	852129	8.84%	2.701%
19	14.880	2002	2007	2021	rBV2	37758	91971	0.95%	0.292%
20	15.685	2137	2144	2158	rBV	1087237	1730777	17.96%	5.487%
21	15.803	2158	2164	2178	rVV	231230	394041	4.09%	1.249%
22	15.926	2180	2185	2193	rVB3	12145	21661	0.22%	0.069%
23	16.472	2272	2278	2282	rVB3	5826	10928	0.11%	0.035%
24	17.442	2437	2443	2453	rBV2	658479	1061668	11.02%	3.366%
25	17.548	2453	2461	2477	rVB	1220504	1908384	19.80%	6.050%
26	17.700	2478	2487	2490	rBV7	6033	13921	0.14%	0.044%
27	18.341	2591	2596	2606	rBV2	59370	122956	1.28%	0.390%
28	18.640	2641	2647	2649	rBV4	7409	11507	0.12%	0.036%
29	19.263	2748	2753	2760	rVB2	17083	25980	0.27%	0.082%
30	19.469	2783	2788	2797	rBV	18761	37645	0.39%	0.119%
31	19.610	2808	2812	2815	rBV5	21869	33430	0.35%	0.106%
32	19.722	2827	2831	2835	rBV	12449	16247	0.17%	0.052%
33	19.757	2835	2837	2843	rVB7	6049	9641	0.10%	0.031%
34	19.833	2843	2850	2865	rBV	1544122	2381639	24.71%	7.550%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041967.D
Acq On : 5 Aug 2019 16:10
Operator : HP/JU
Sample : K3976-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0CB3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	20.180	2905	2909	2913	rBV5	5216	10186	0.11%	0.032%
36	20.368	2937	2941	2945	rBV	41389	45941	0.48%	0.146%
37	20.726	2999	3002	3010	rVB9	12161	23287	0.24%	0.074%
38	20.867	3021	3026	3030	rBV	66551	90121	0.94%	0.286%
39	21.378	3108	3113	3125	rBV	122703	230306	2.39%	0.730%
40	21.731	3166	3173	3180	rBV2	695684	1210353	12.56%	3.837%
41	21.937	3203	3208	3215	rVB	99232	150644	1.56%	0.478%
42	22.559	3309	3314	3322	rVB2	109067	179229	1.86%	0.568%
43	23.270	3429	3435	3445	rVB	115431	230261	2.39%	0.730%
44	23.470	3464	3469	3477	rVB4	26941	62374	0.65%	0.198%
45	24.099	3569	3576	3587	rBV2	109330	259612	2.69%	0.823%
46	24.780	3681	3692	3708	rBV	740465	2202931	22.86%	6.984%
47	25.004	3720	3730	3738	rBV2	372629	1088087	11.29%	3.449%
48	26.243	3933	3941	3953	rVB2	59914	194614	2.02%	0.617%
49	27.642	4174	4179	4187	rVB5	30540	85896	0.89%	0.272%

Sum of corrected areas: 31544574

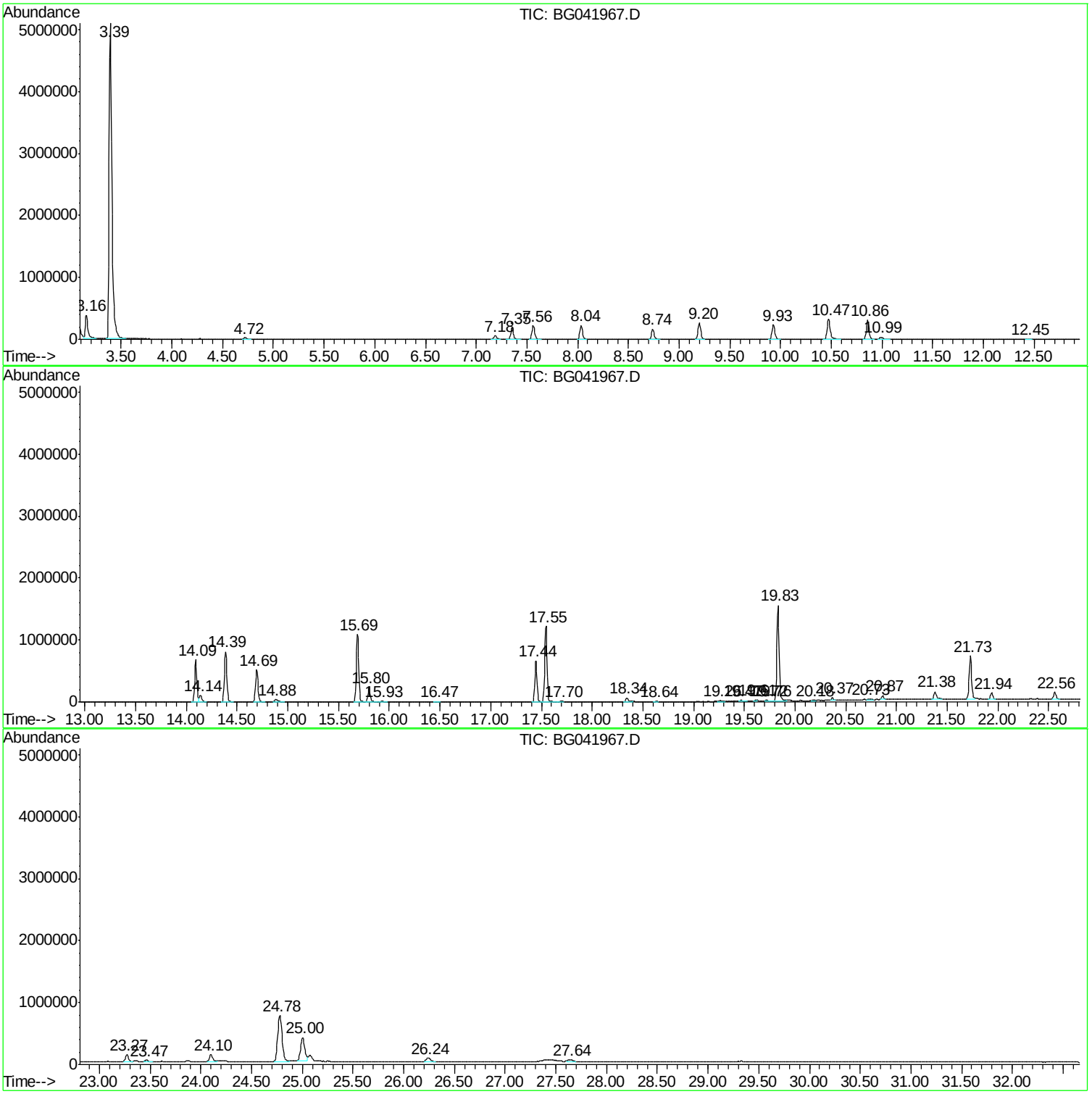
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041967.D
Acq On : 5 Aug 2019 16:10
Operator : HP/JU
Sample : K3976-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0CB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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 G\DATA\BG080519\
Data File : BG041967.D
Acq On : 5 Aug 2019 16:10
Operator : HP/JU
Sample : K3976-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0CB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

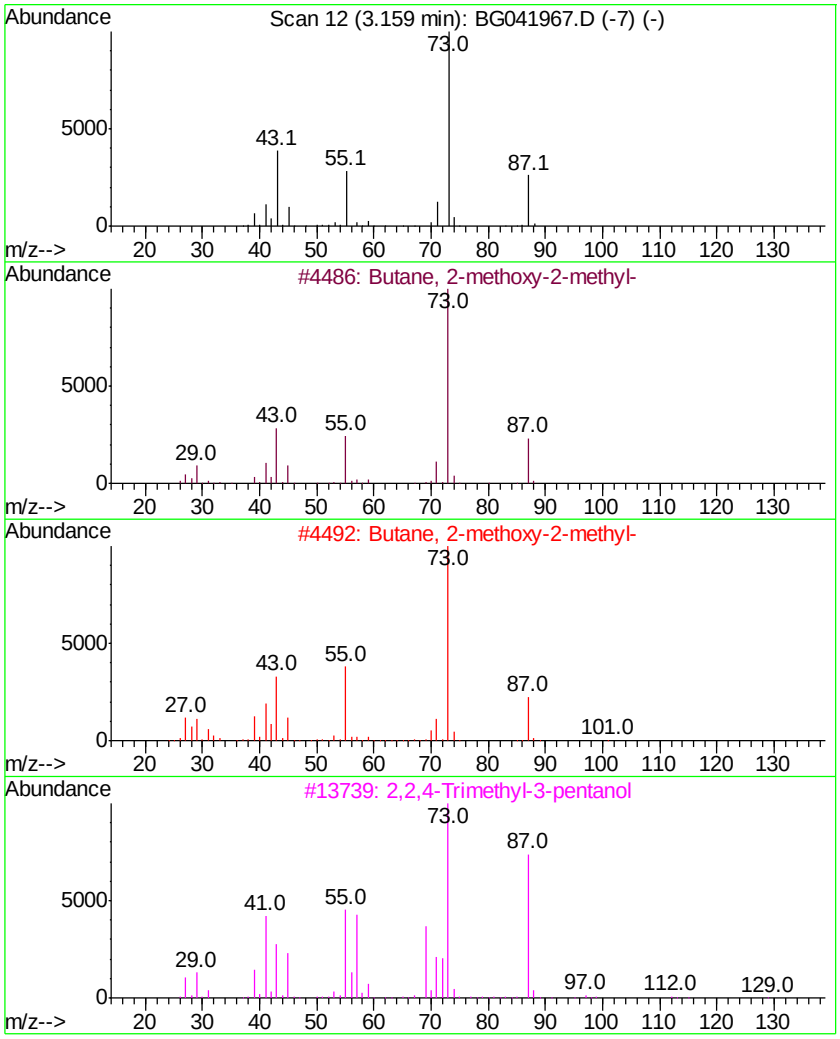
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

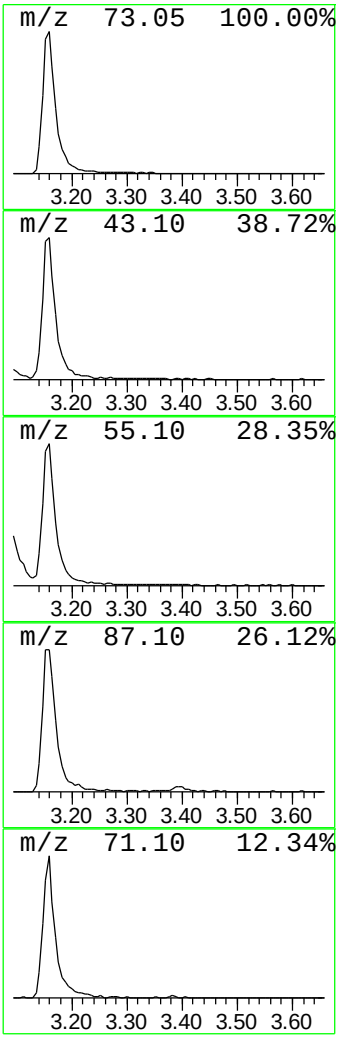
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	31.51 ng/ul	638080	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	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041967.D
Acq On : 5 Aug 2019 16:10
Operator : HP/JU
Sample : K3976-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0CB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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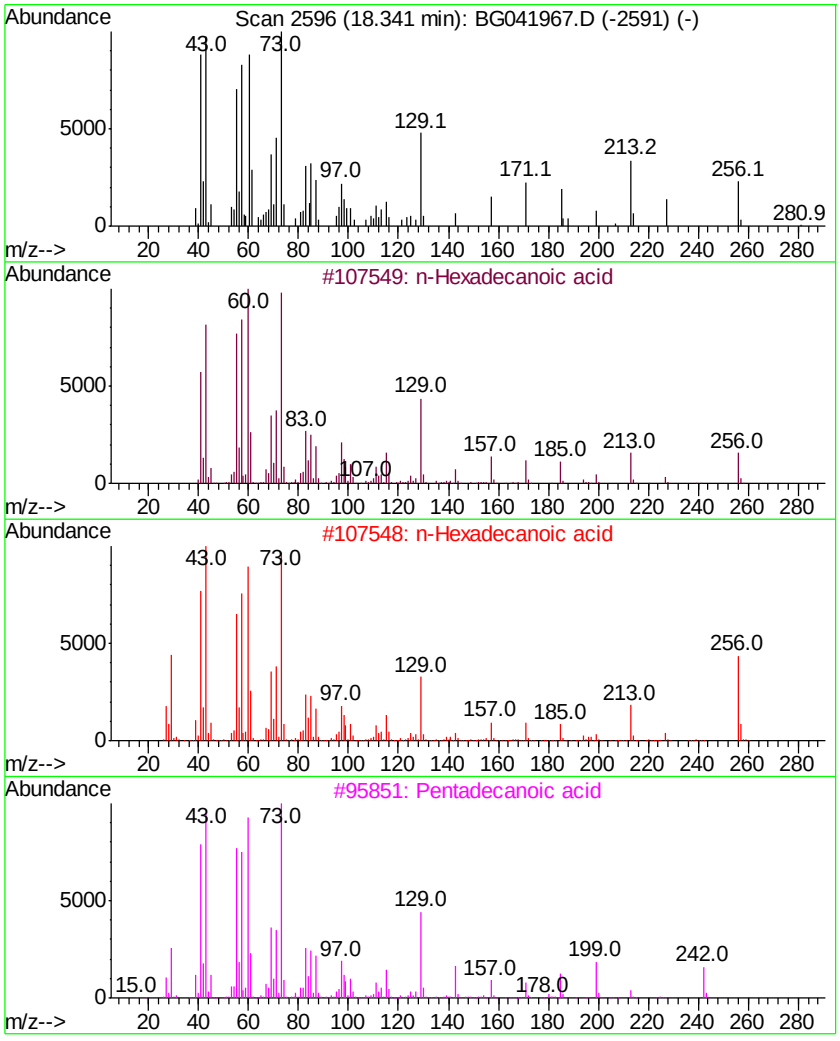
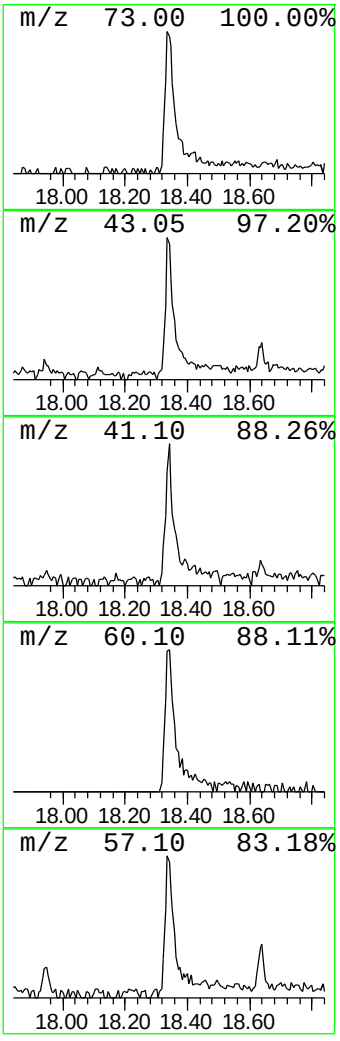
Peak Number 2 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.32 ng/ul	122956	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041967.D
Acq On : 5 Aug 2019 16:10
Operator : HP/JU
Sample : K3976-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0CB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

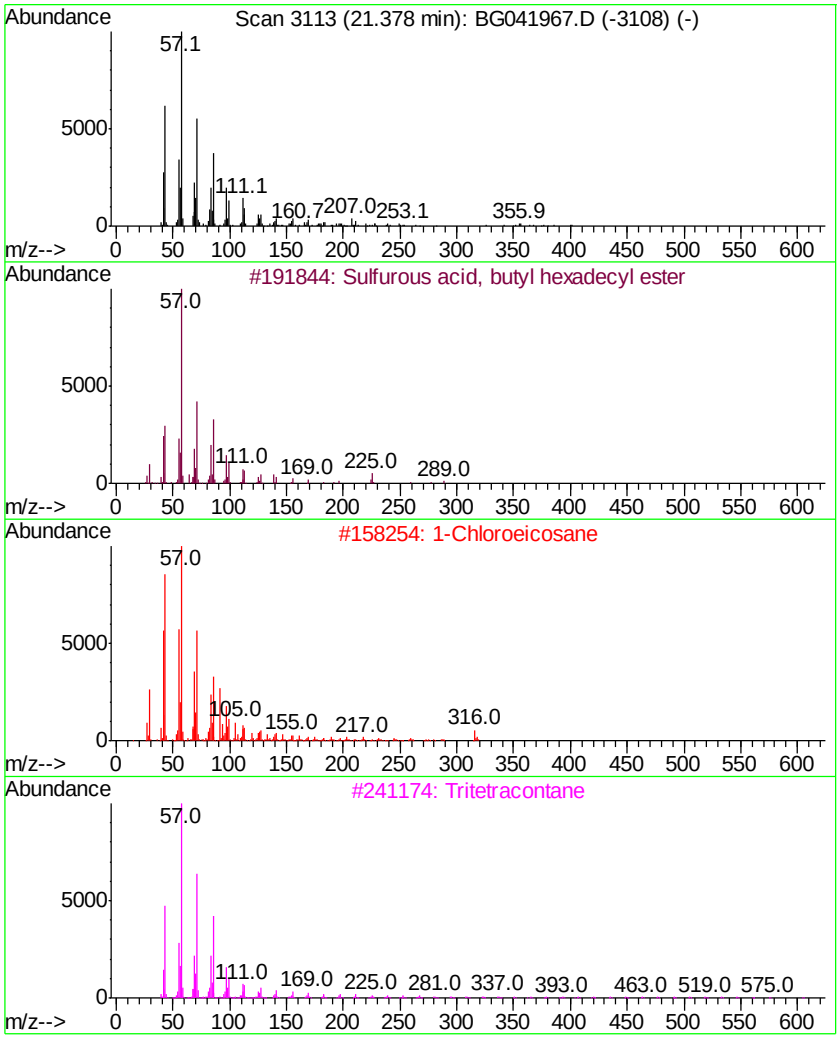
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

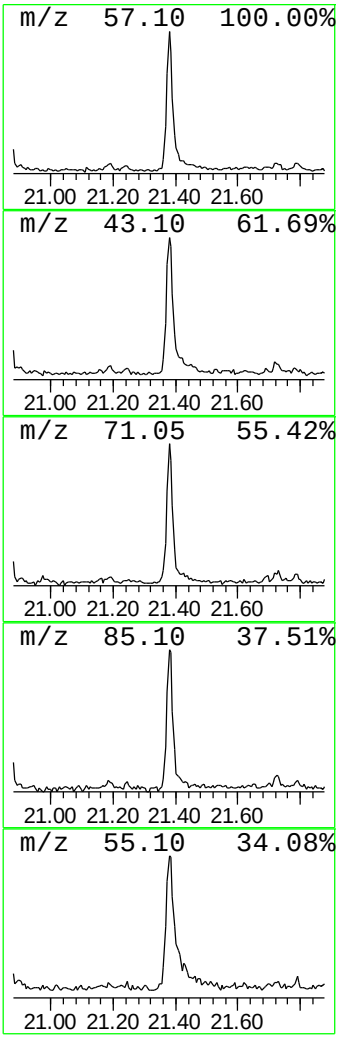
****

Peak Number 3 Sulfurous acid, butyl hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	3.81 ng/ul	230306	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	91
2	1-Chloroeicosane	316	C20H41Cl	042217-02-7	91
3	Tritetracontane	605	C43H88	007098-21-7	87
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5	Pentacosane	352	C25H52	000629-99-2	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041967.D
Acq On : 5 Aug 2019 16:10
Operator : HP/JU
Sample : K3976-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0CB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

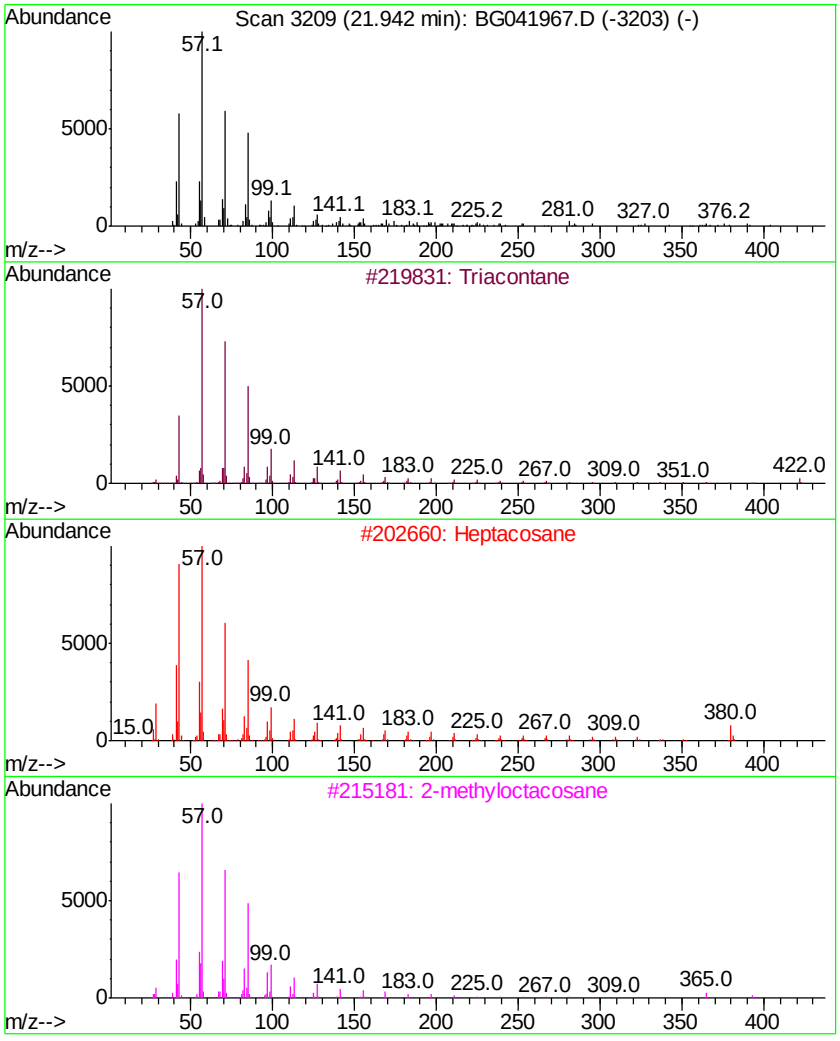
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

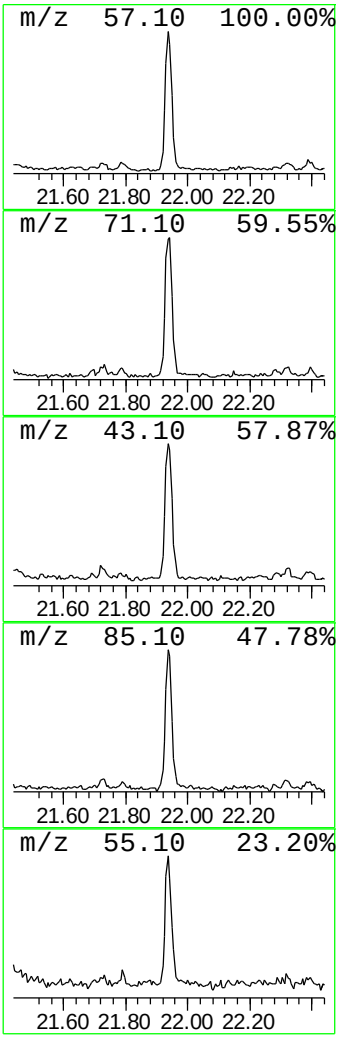
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	2.49 ng/ul	150644	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heptadecane	240	C17H36	000629-78-7	83
5	Eicosane	282	C20H42	000112-95-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041967.D
Acq On : 5 Aug 2019 16:10
Operator : HP/JU
Sample : K3976-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0CB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

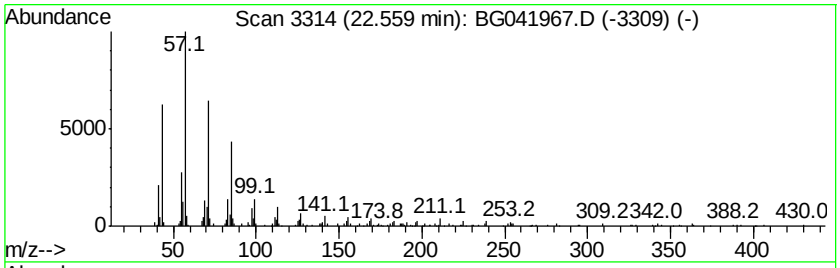
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

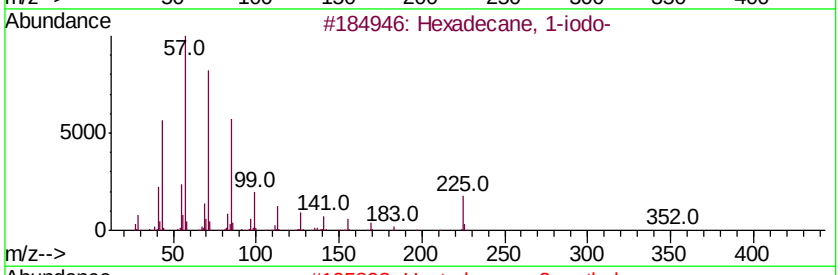
****

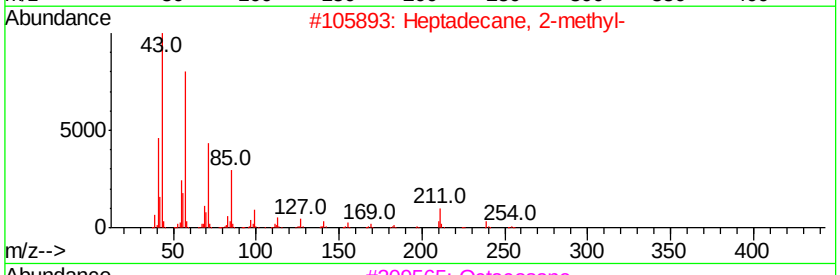
Peak Number 5 Hexadecane, 1-iodo- Concentration Rank 6

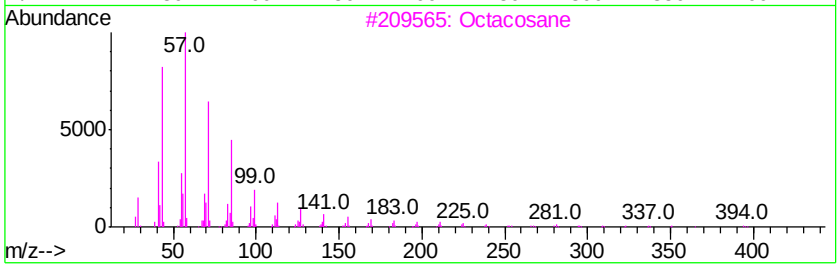
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.96 ng/ul	179229	Chrysene-d12	21.73

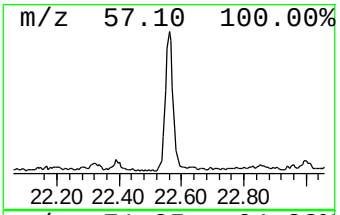
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Octacosane	394	C28H58	000630-02-4	90

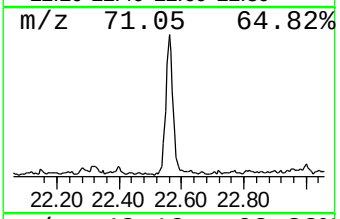


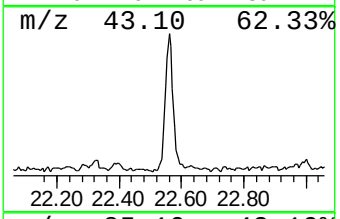


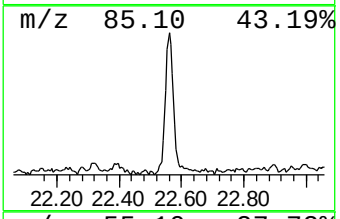


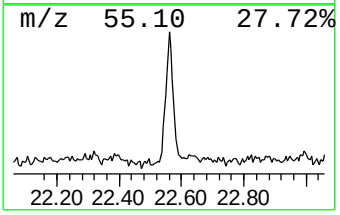












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041967.D
Acq On : 5 Aug 2019 16:10
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Sample : K3976-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0CB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

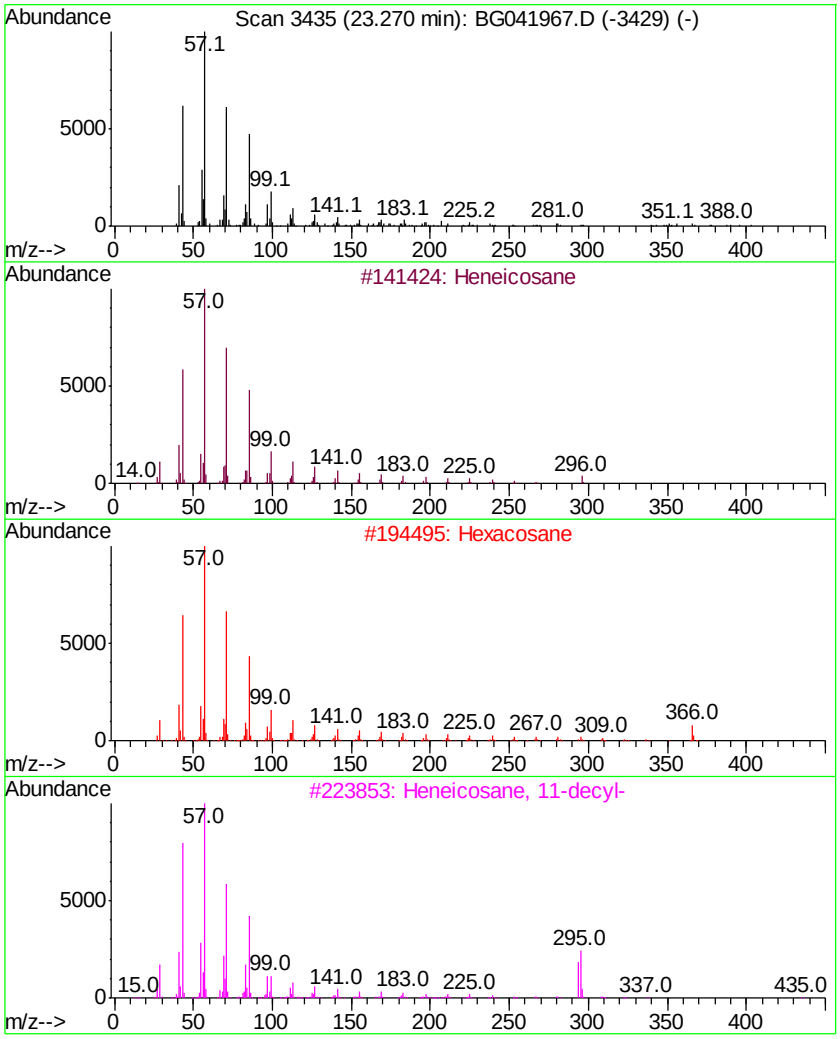
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

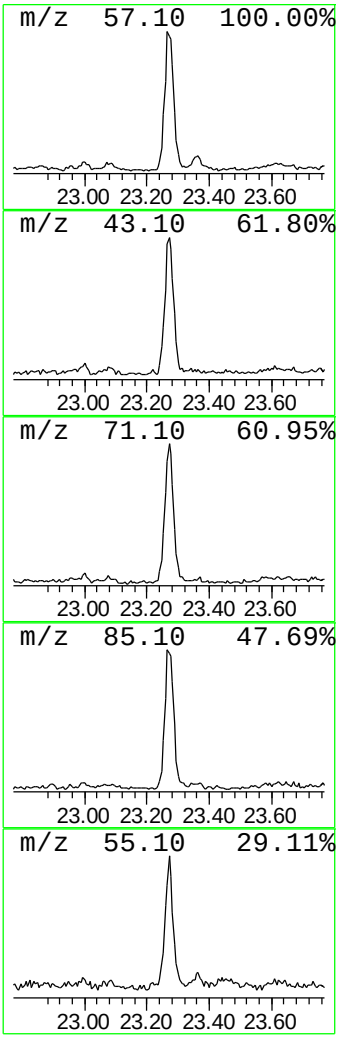
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	3.80 ng/ul	230261	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041967.D
Acq On : 5 Aug 2019 16:10
Operator : HP/JU
Sample : K3976-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0CB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

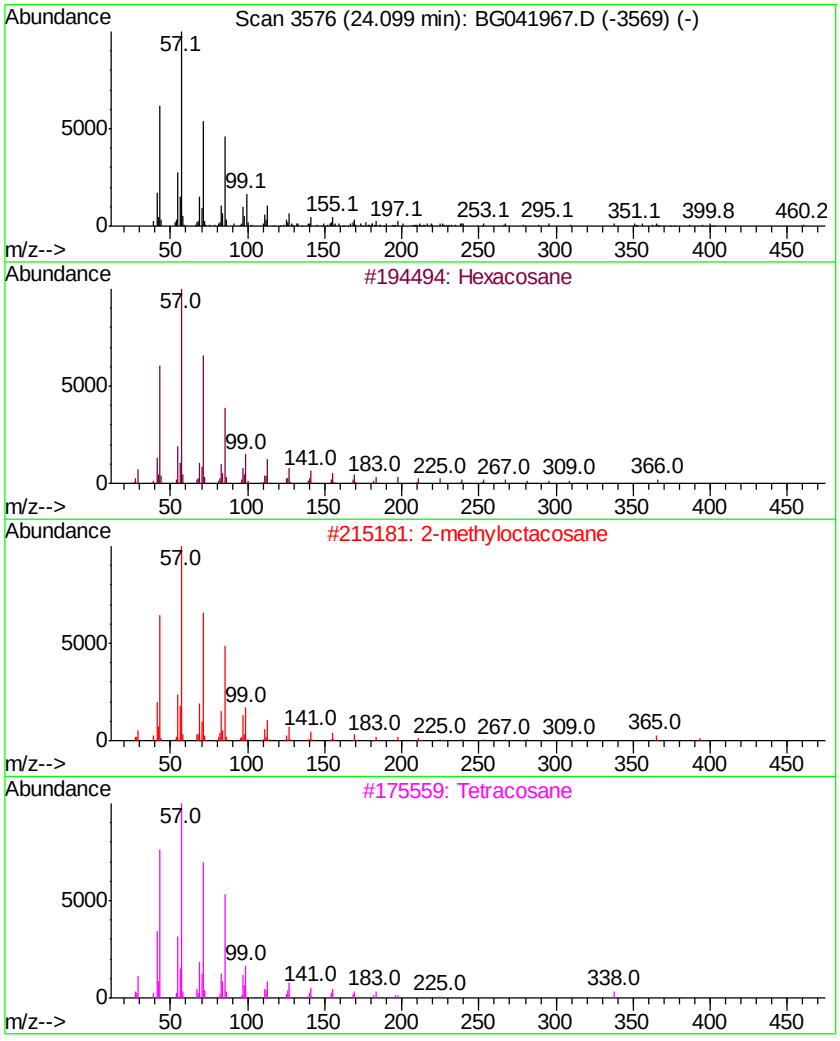
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

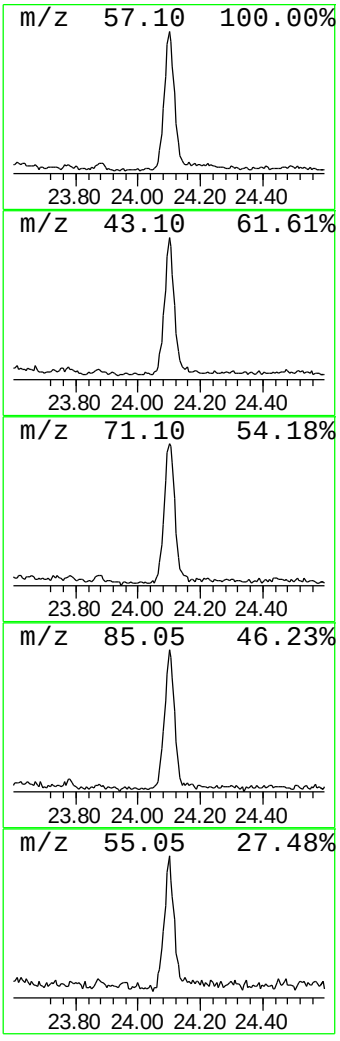
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	4.77 ng/ul	259612	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041967.D
Acq On : 5 Aug 2019 16:10
Operator : HP/JU
Sample : K3976-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0CB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

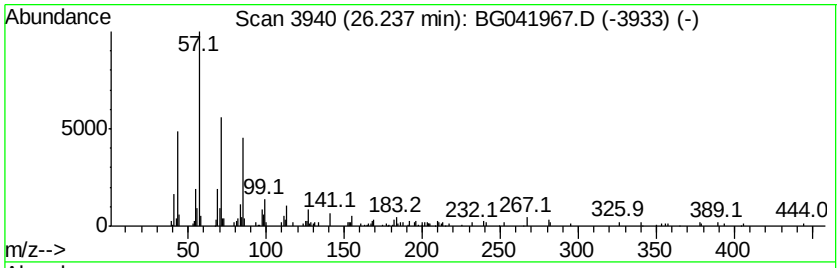
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

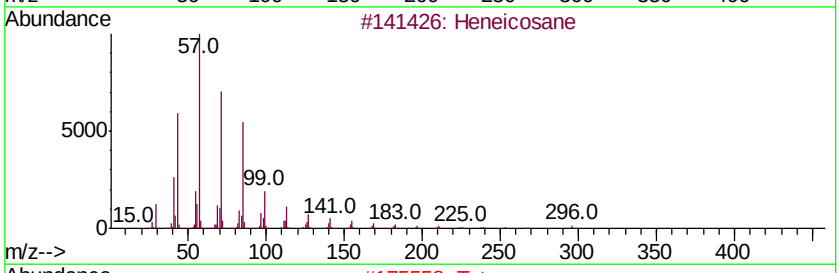
****

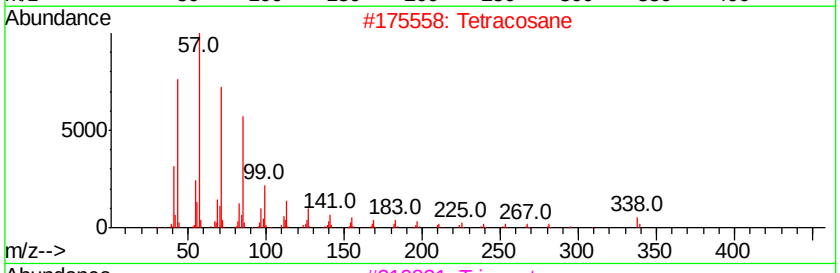
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

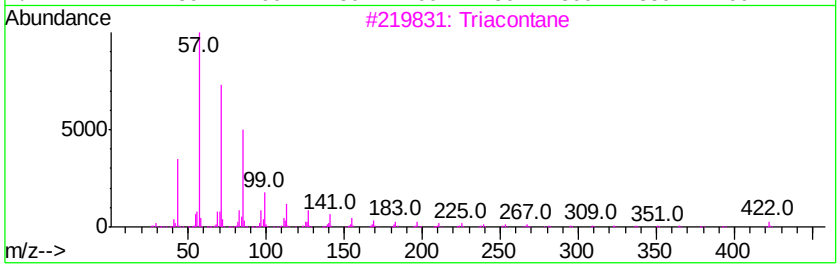
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.24	3.58 ng/ul	194614	Perylene-d12	25.00

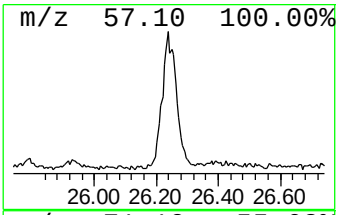
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Triacontane	422	C30H62	000638-68-6	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octacosane	394	C28H58	000630-02-4	83

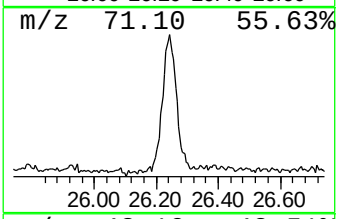


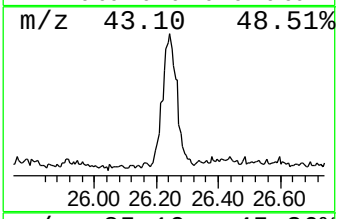


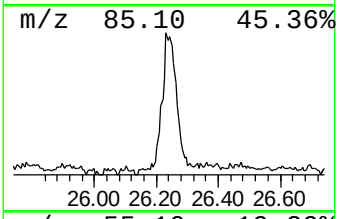


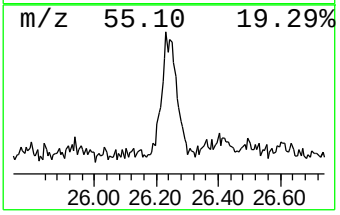












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080519\
Data File : BG041967.D
Acq On : 5 Aug 2019 16:10
Operator : HP/JU
Sample : K3976-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0CB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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
Butane, 2-methoxy...	3.16	31.5	ng/ul	638080	1	8.04	404993	20.0
n-Hexadecanoic acid	18.34	2.3	ng/ul	122956	4	17.44	1061670	20.0
Sulfurous acid, b...	21.38	3.8	ng/ul	230306	5	21.73	1210350	20.0
(DEL) Alkane: Str...	21.94	2.5	ng/ul	150644	5	21.73	1210350	20.0
Hexadecane, 1-iodo-	22.56	3.0	ng/ul	179229	5	21.73	1210350	20.0
(DEL) Alkane: Str...	23.27	3.8	ng/ul	230261	5	21.73	1210350	20.0
(DEL) Alkane: Str...	24.10	4.8	ng/ul	259612	6	25.00	1088090	20.0
(DEL) Alkane: Str...	26.24	3.6	ng/ul	194614	6	25.00	1088090	20.0