LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044875.D
Acq On : 18 Mar 2020 22:28
Operator : CG/JU
Sample : L1942-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-TP-10

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	3.148	4	10	19	rBV2	110112	278973	4.74%	1.021%
2	3.224	19	23	31	rVB	113344	194277	3.30%	0.711%
3	5.610	422	429	442	rBV	728139	1247195	21.18%	4.563%
4	7.196	691	699	707	rBV	503985	881112	14.96%	3.223%
5	8.042	834	843	850	rBV	273543	479337	8.14%	1.754%
6	8.366	889	898	907	rBV	1136302	2040857	34.66%	7.466%
7	9.200	1032	1040	1048	rBV	940134	1748803	29.70%	6.398%
8	10.851	1311	1321	1331	rBV	355275	659827	11.20%	2.414%
9	13.301	1730	1738	1748	rBV	2471019	4057645	68.90%	14.844%
10	14.123	1869	1878	1883	rBV2	130176	211435	3.59%	0.773%
11	14.676	1962	1972	1981	rBV	577754	949843	16.13%	3.475%
12	16.162	2217	2225	2234	rBV	2145912	3396894	57.68%	12.427%
13	17.420	2431	2439	2446	rBV	742142	1171156	19.89%	4.284%
14	18.319	2585	2592	2597	rBV	141435	218939	3.72%	0.801%
15	19.588	2804	2808	2814	rBV3	54575	92415	1.57%	0.338%
16	20.028	2877	2883	2891	rVB	4145326	5888979	100.00%	21.543%
17	21.350	3103	3108	3119	rBV2	212479	430933	7.32%	1.576%
18	21.685	3158	3165	3175	rBV	756422	1291301	21.93%	4.724%
19	22.525	3303	3308	3313	rBV2	60854	111289	1.89%	0.407%
20	23.219	3422	3426	3435	rVB4	83661	149953	2.55%	0.549%
21	24.035	3560	3565	3572	rVB2	85924	168826	2.87%	0.618%
22	24.887	3700	3710	3720	rBV	453055	1314820	22.33%	4.810%
23	24.987	3721	3727	3737	rVB3	78660	201148	3.42%	0.736%
24	26.121	3915	3920	3929	rVB6	52922	149754	2.54%	0.548%

Sum of corrected areas: 27335711

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
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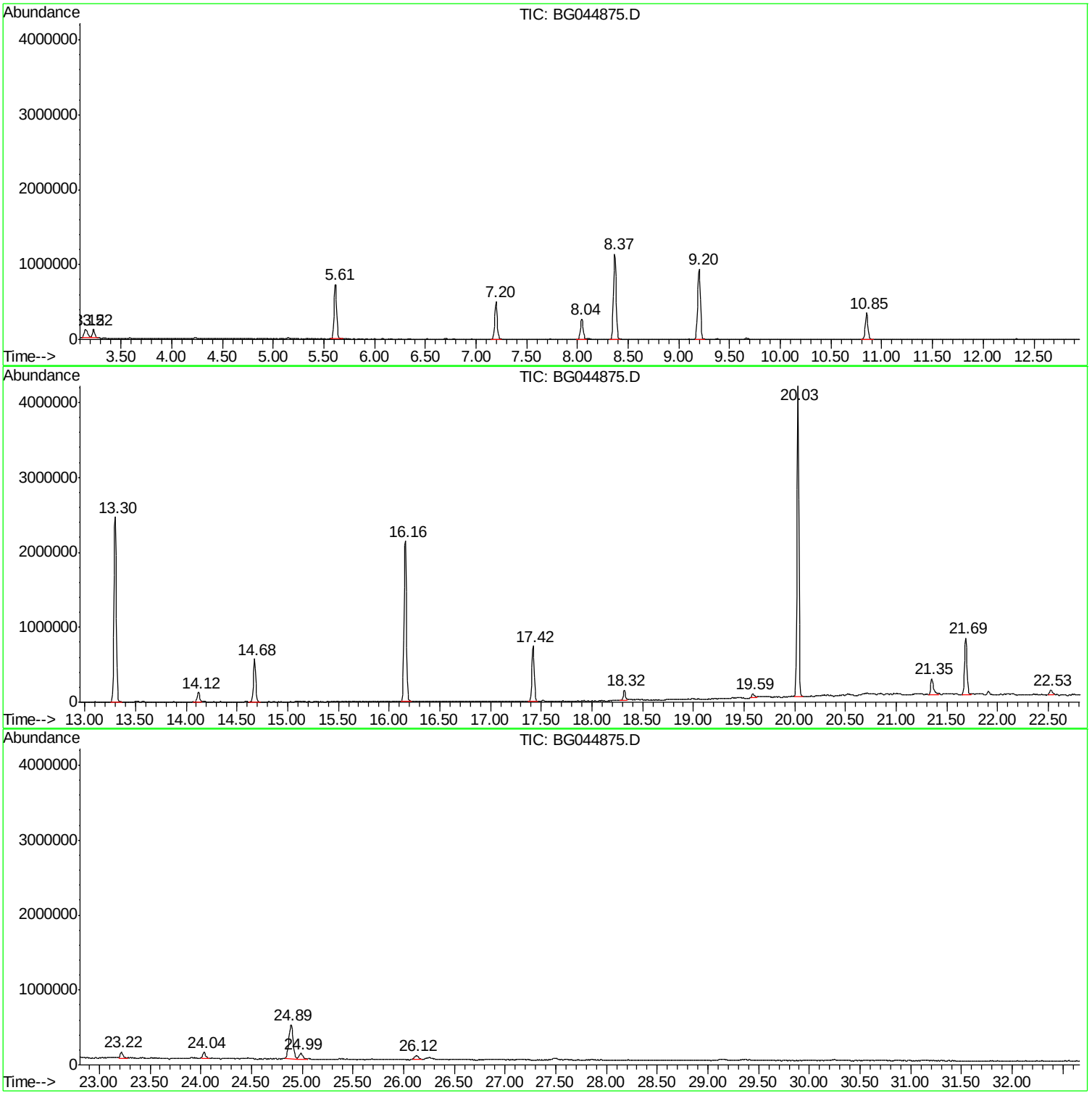
Operator : CG/JU
Sample : L1942-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GW-TP-10

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044875.D
Acq On : 18 Mar 2020 22:28
Operator : CG/JU
Sample : L1942-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-TP-10

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

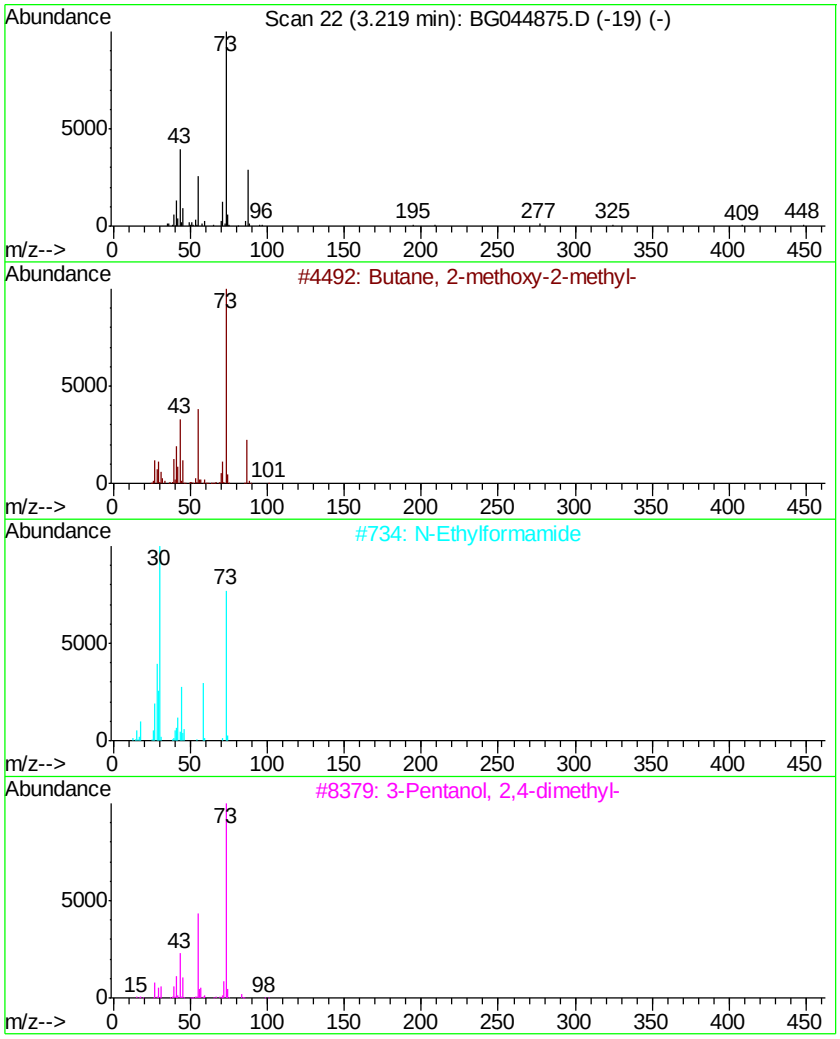
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

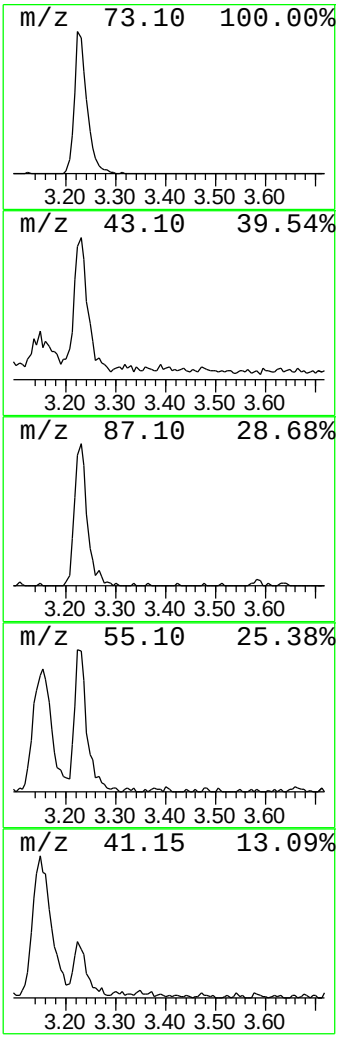
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	8.11 ng	194277	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	50
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044875.D
Acq On : 18 Mar 2020 22:28
Operator : CG/JU
Sample : L1942-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-TP-10

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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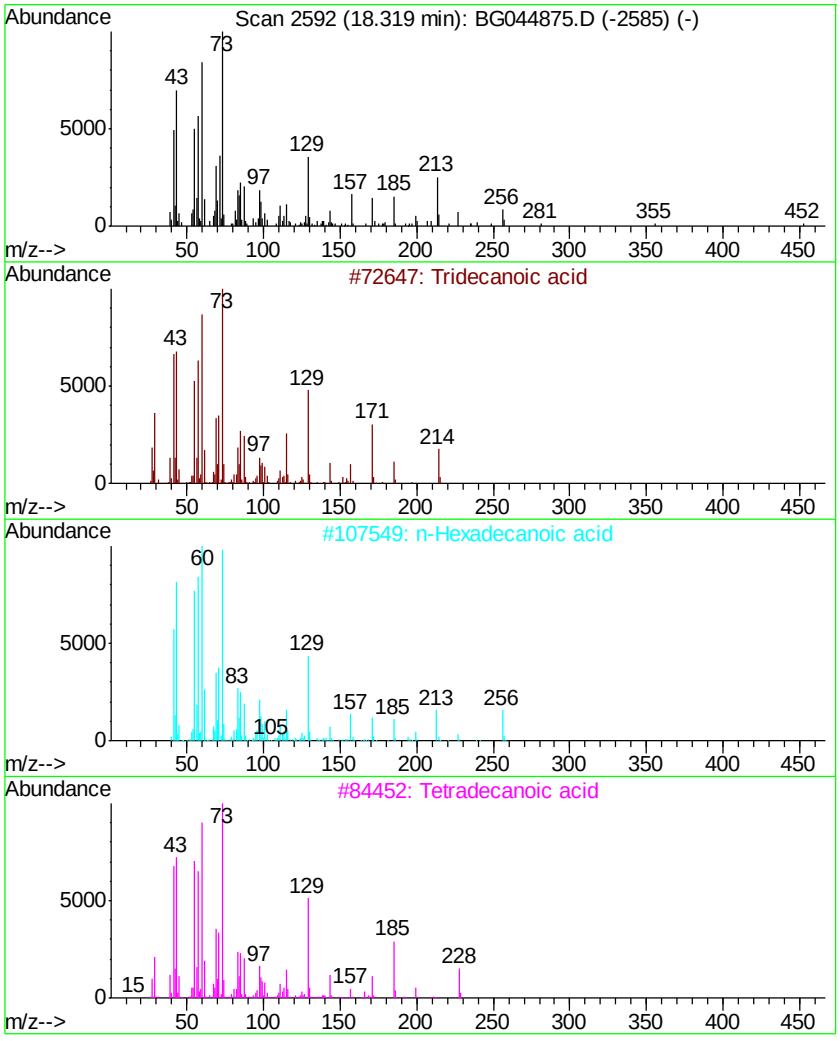
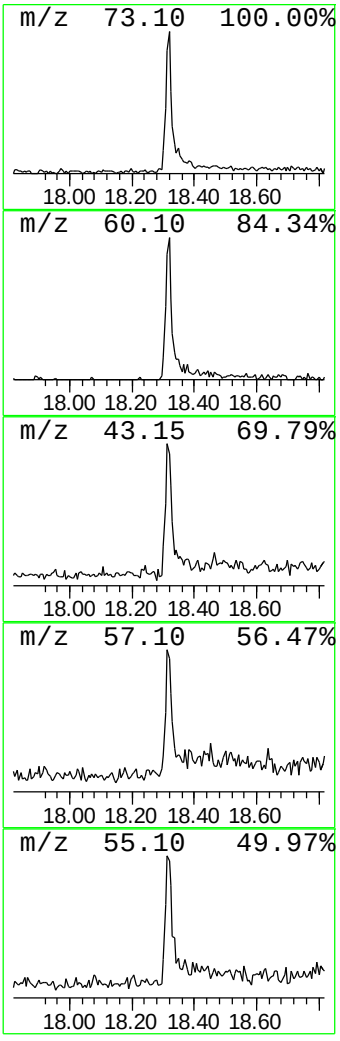
Peak Number 4 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.74 ng	218939	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044875.D
Acq On : 18 Mar 2020 22:28
Operator : CG/JU
Sample : L1942-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-TP-10

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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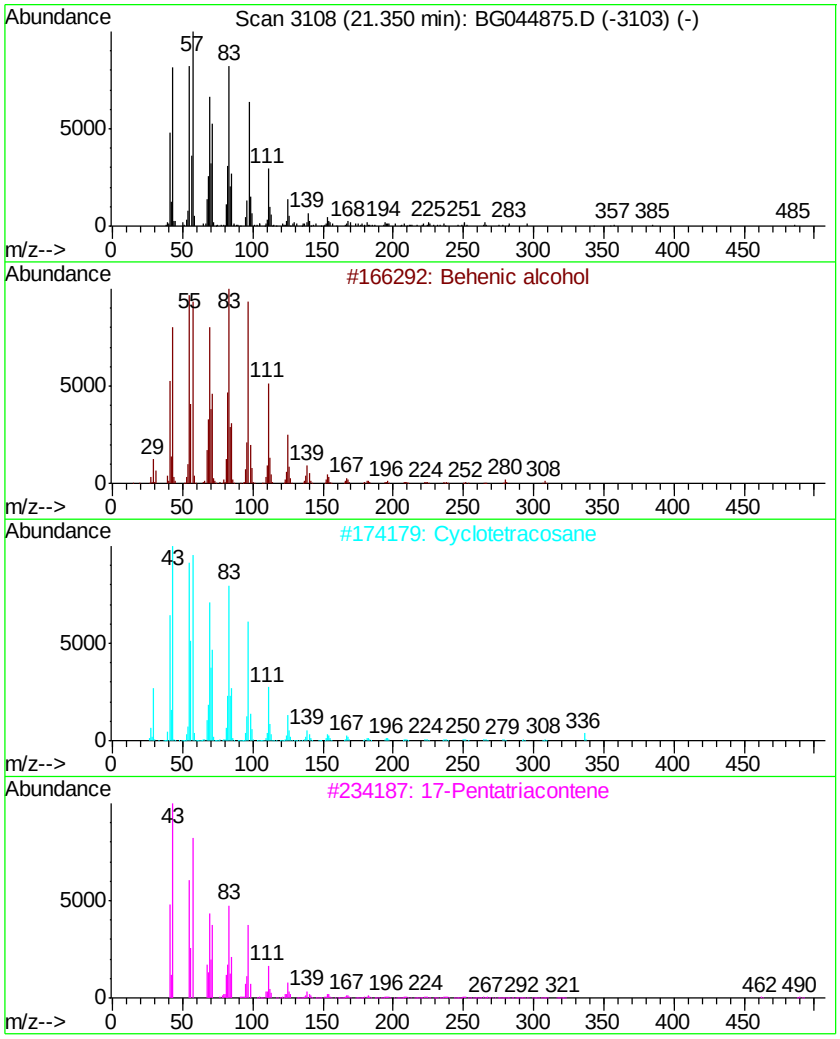
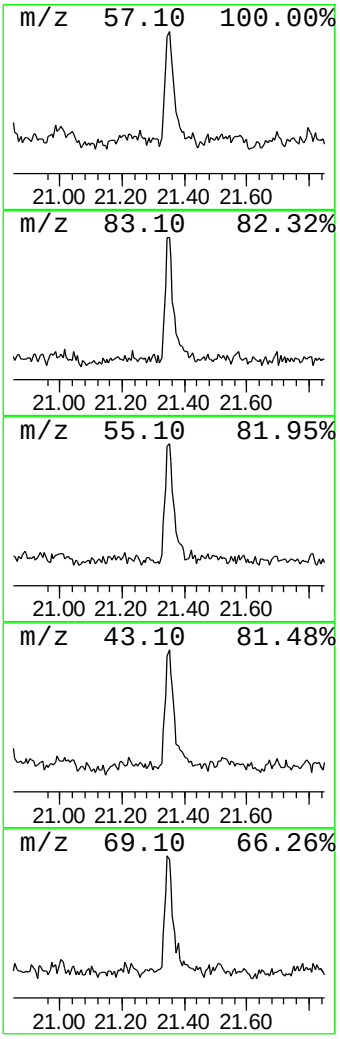
Peak Number 5 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	6.67 ng	430933	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	Cyclotetracosane	336	C24H48	000297-03-0	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Tricosene	322	C23H46	018835-32-0	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044875.D
Acq On : 18 Mar 2020 22:28
Operator : CG/JU
Sample : L1942-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-TP-10

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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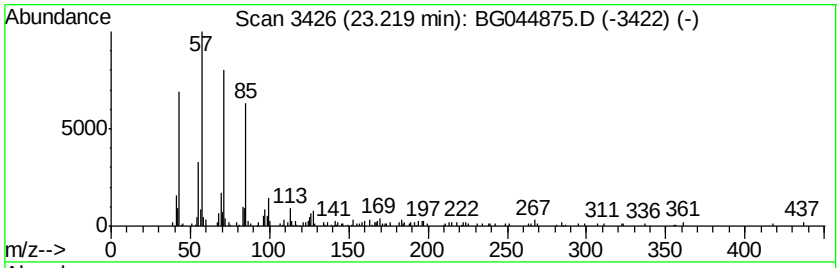
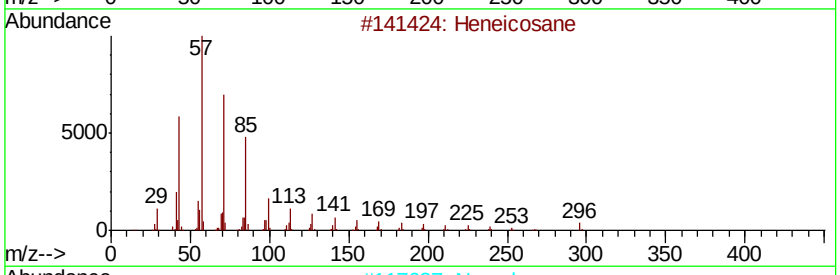
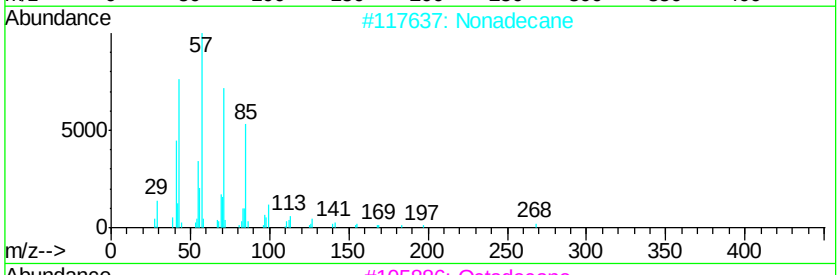
Peak Number 6 Heneicosane Concentration Rank 8

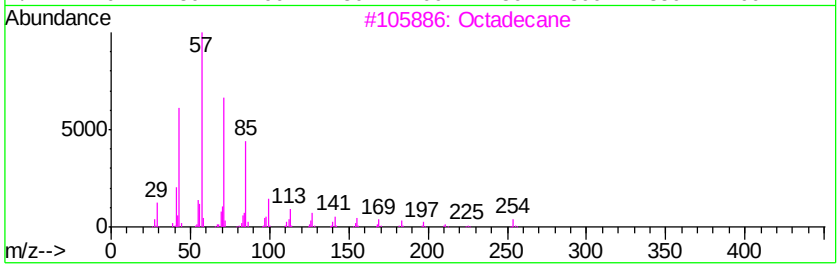
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	2.32 ng	149953	Chrysene-d12	21.69

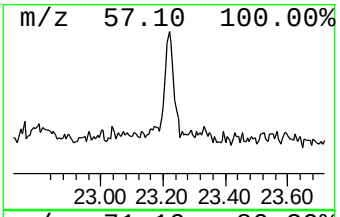
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Nonadecane	268	C19H40	000629-92-5	86
3	Octadecane	254	C18H38	000593-45-3	78
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Tetratetracontane	619	C44H90	007098-22-8	64

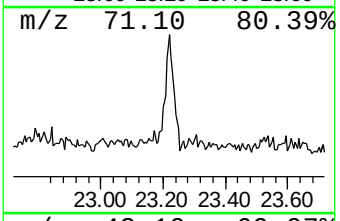


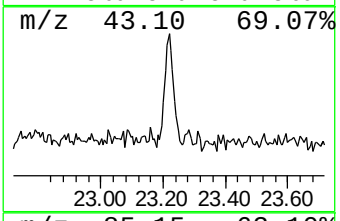


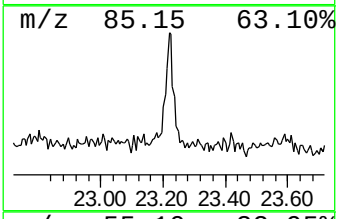


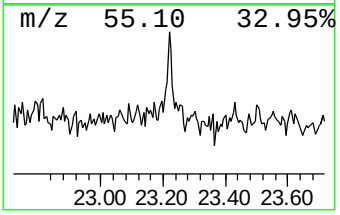












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Data File : BG044875.D
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Sample : L1942-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-TP-10

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

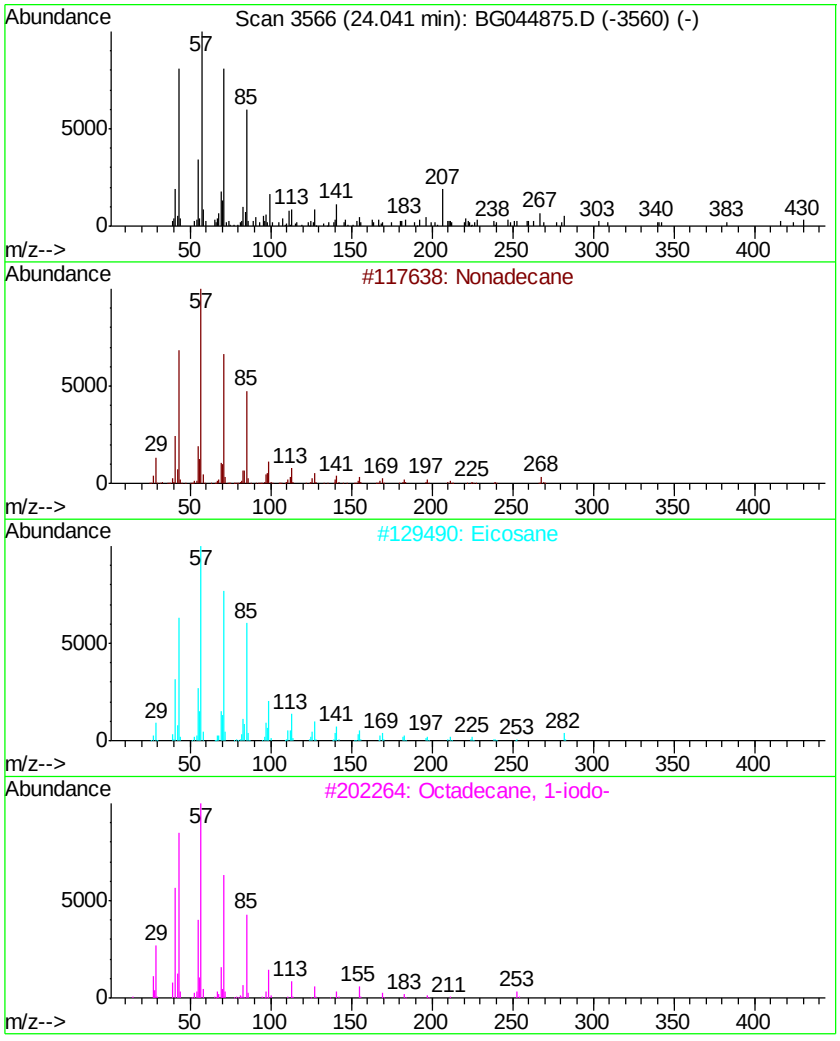
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

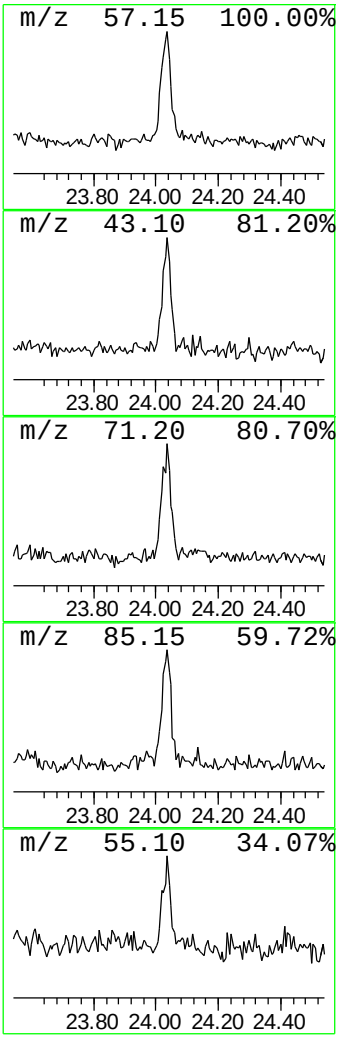
****

Peak Number 7 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.57 ng	168826	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
5	Pentadecane	212	C15H32	000629-62-9	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044875.D
Acq On : 18 Mar 2020 22:28
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Sample : L1942-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-TP-10

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

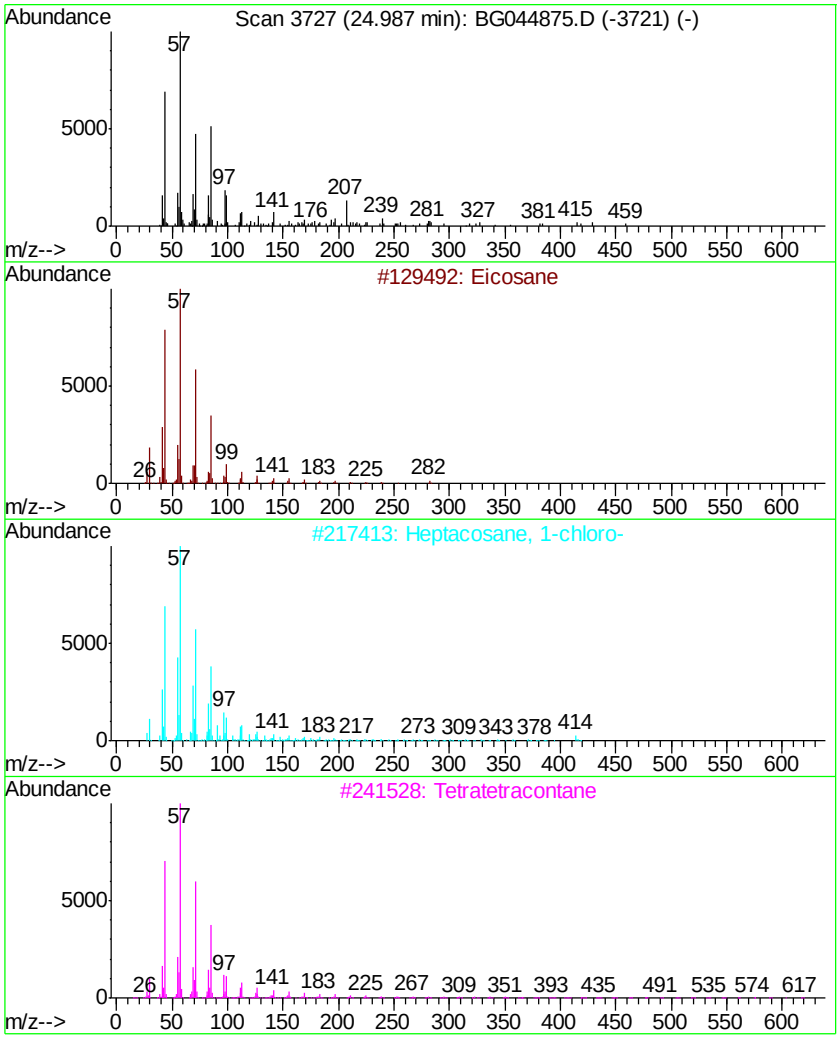
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

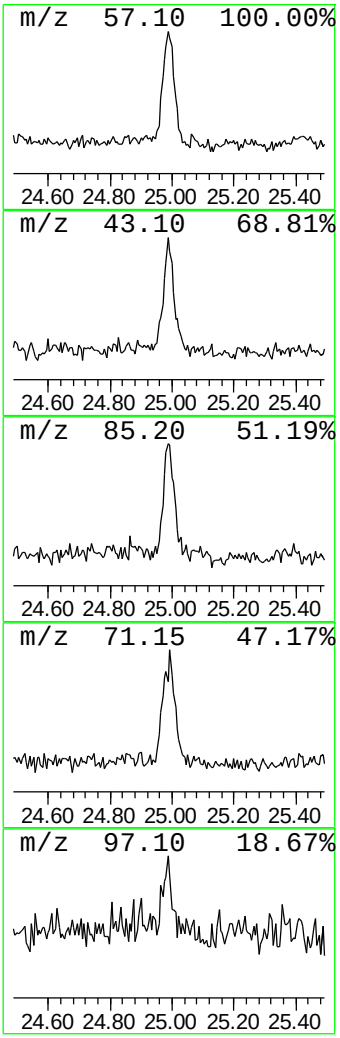
****

Peak Number 8 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	3.06 ng	201148	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	58
3	Tetratetracontane	619	C44H90	007098-22-8	58
4	Octacosane	394	C28H58	000630-02-4	58
5	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

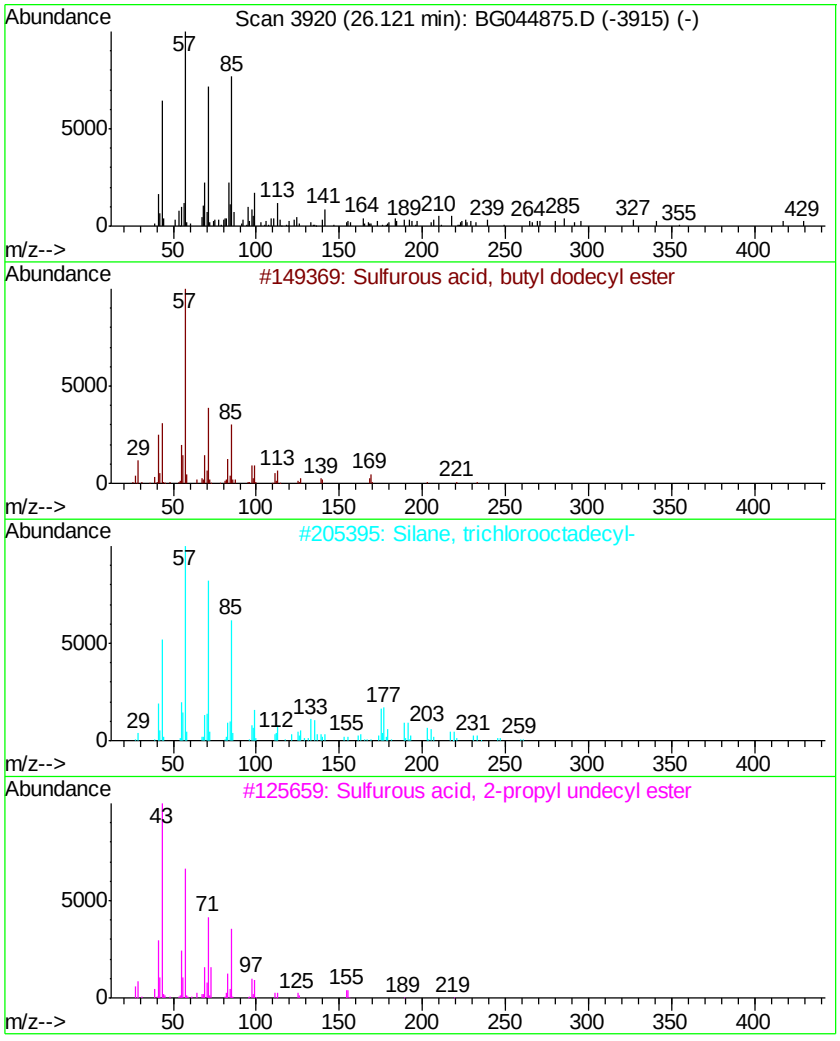
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

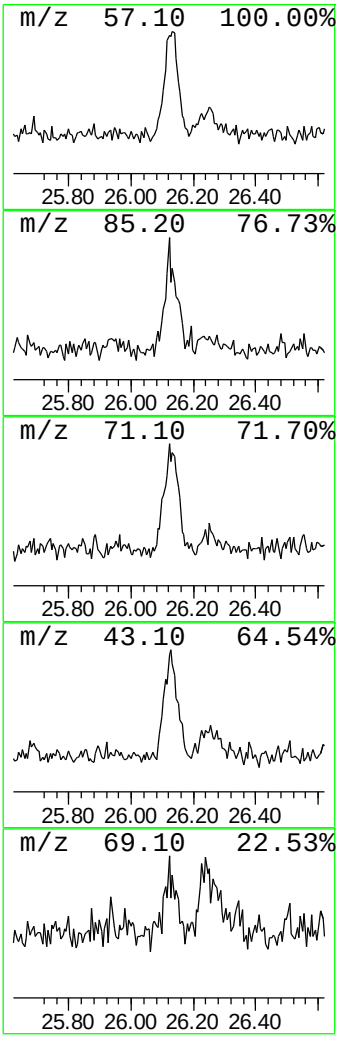
****

Peak Number 9 Sulfurous acid, butyl dodec... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	2.28 ng	149754	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
3	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	64
4	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1000309-34-1	59
5	Sulfurous acid, hexyl undecyl ester	320	C17H36O3S	1000309-13-3	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
Data File : BG044875.D
Acq On : 18 Mar 2020 22:28
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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	8.1	ng	194277	1	8.04	479337	20.0
Tridecanoic acid	18.32	3.7	ng	218939	4	17.42	1171160	20.0
Behenic alcohol	21.35	6.7	ng	430933	5	21.69	1291300	20.0
Heneicosane	23.22	2.3	ng	149953	5	21.69	1291300	20.0
Nonadecane	24.04	2.6	ng	168826	6	24.89	1314820	20.0
Eicosane	24.99	3.1	ng	201148	6	24.89	1314820	20.0
Sulfurous acid, b...	26.12	2.3	ng	149754	6	24.89	1314820	20.0