LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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	12	rBV2	83181	148522	2.61%	0.456%
2	3.234	19	25	41	rVB	147690	337505	5.94%	1.036%
3	5.614	423	430	441	rBV	773388	1307879	23.01%	4.016%
4	7.200	691	700	709	rBV	483482	875980	15.41%	2.690%
5	8.040	835	843	851	rBV	304629	551968	9.71%	1.695%
6	8.369	889	899	909	rBV	1274110	2340491	41.17%	7.187%
7	9.198	1030	1040	1050	rBV	1078962	1987197	34.96%	6.102%
8	10.849	1312	1321	1328	rBV	407815	751784	13.22%	2.308%
9	13.299	1729	1738	1751	rBV	2824619	4463508	78.52%	13.705%
10	14.115	1873	1877	1883	rVB	67811	98616	1.73%	0.303%
11	14.674	1965	1972	1978	rBV	635884	1017848	17.90%	3.125%
12	14.738	1978	1983	1989	rVB	146395	236422	4.16%	0.726%
13	15.073	2035	2040	2046	rBV	34486	63845	1.12%	0.196%
14	15.719	2146	2150	2155	rVB2	39695	62741	1.10%	0.193%
15	16.160	2217	2225	2232	rBV	2175549	3550833	62.46%	10.903%
16	17.417	2432	2439	2444	rBV	786195	1207378	21.24%	3.707%
17	17.464	2444	2447	2453	rVB2	46709	66244	1.17%	0.203%
18	18.316	2587	2592	2603	rBV2	214968	352004	6.19%	1.081%
19	19.468	2779	2788	2792	rBV2	53375	111054	1.95%	0.341%
20	19.585	2804	2808	2816	rBV2	125732	193514	3.40%	0.594%
21	19.832	2845	2850	2858	rVB6	51798	122853	2.16%	0.377%
22	20.032	2877	2884	2890	rBV	3960123	5684903	100.00%	17.456%
23	20.843	3019	3022	3027	rVB	62997	73387	1.29%	0.225%
24	21.348	3103	3108	3115	rBV2	213174	344514	6.06%	1.058%
25	21.683	3158	3165	3173	rBV	799406	1304252	22.94%	4.005%
26	21.906	3198	3203	3208	rVB	213928	326208	5.74%	1.002%
27	22.517	3301	3307	3318	rVB	317835	550861	9.69%	1.691%
28	23.211	3419	3425	3433	rBV	352221	688684	12.11%	2.115%
29	24.027	3556	3564	3572	rBV2	326141	747239	13.14%	2.294%
30	24.891	3700	3711	3719	rBV2	458216	1336688	23.51%	4.104%
31	24.979	3719	3726	3736	rVB2	275828	687491	12.09%	2.111%
32	26.119	3909	3920	3930	rBV3	184557	585995	10.31%	1.799%
33	27.476	4141	4151	4161	rBV4	82084	287888	5.06%	0.884%
34	29.121	4425	4431	4441	rVB4	30063	101059	1.78%	0.310%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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

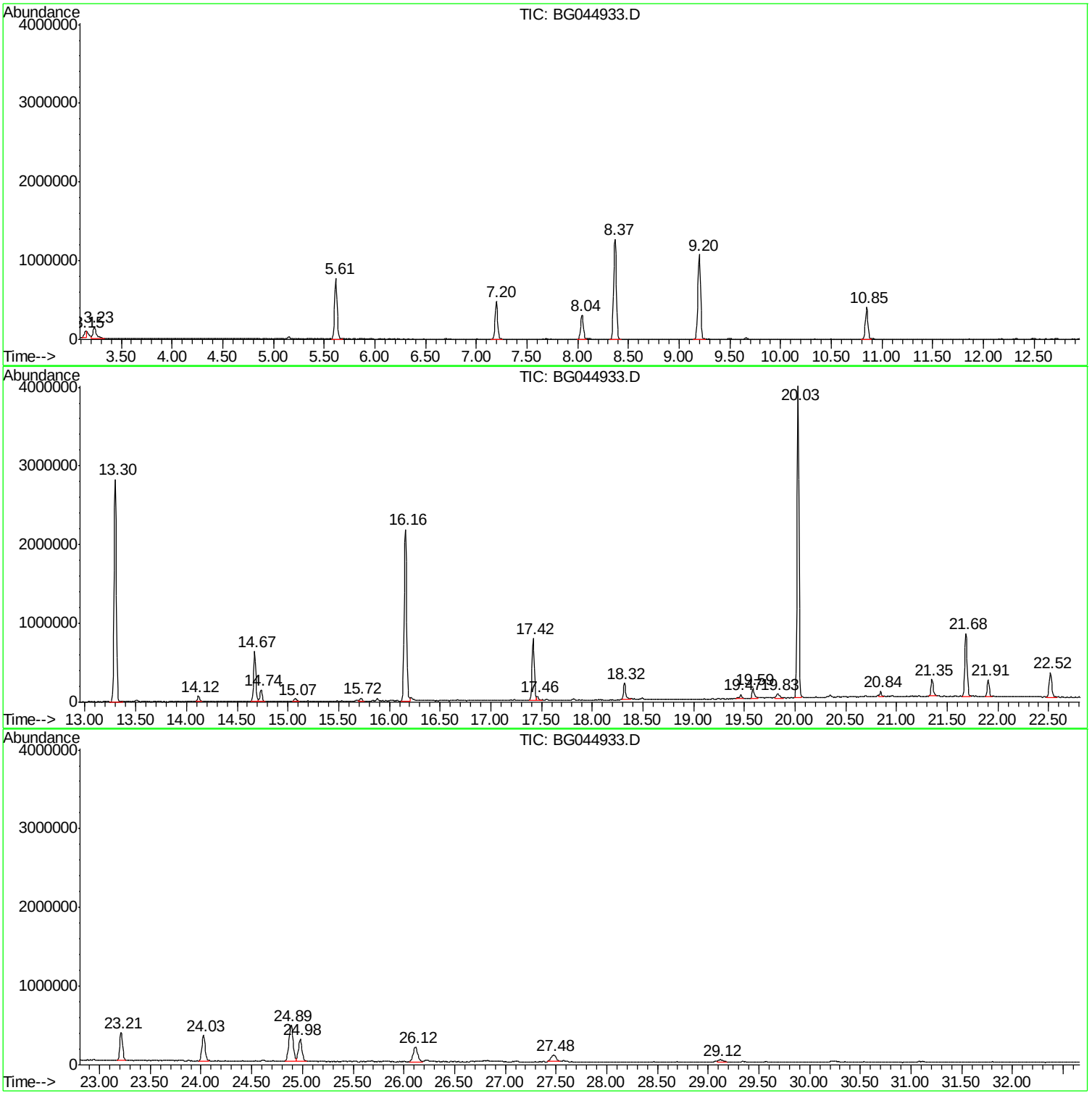
Sum of corrected areas: 32567355

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GHD1-GW-03-17

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\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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

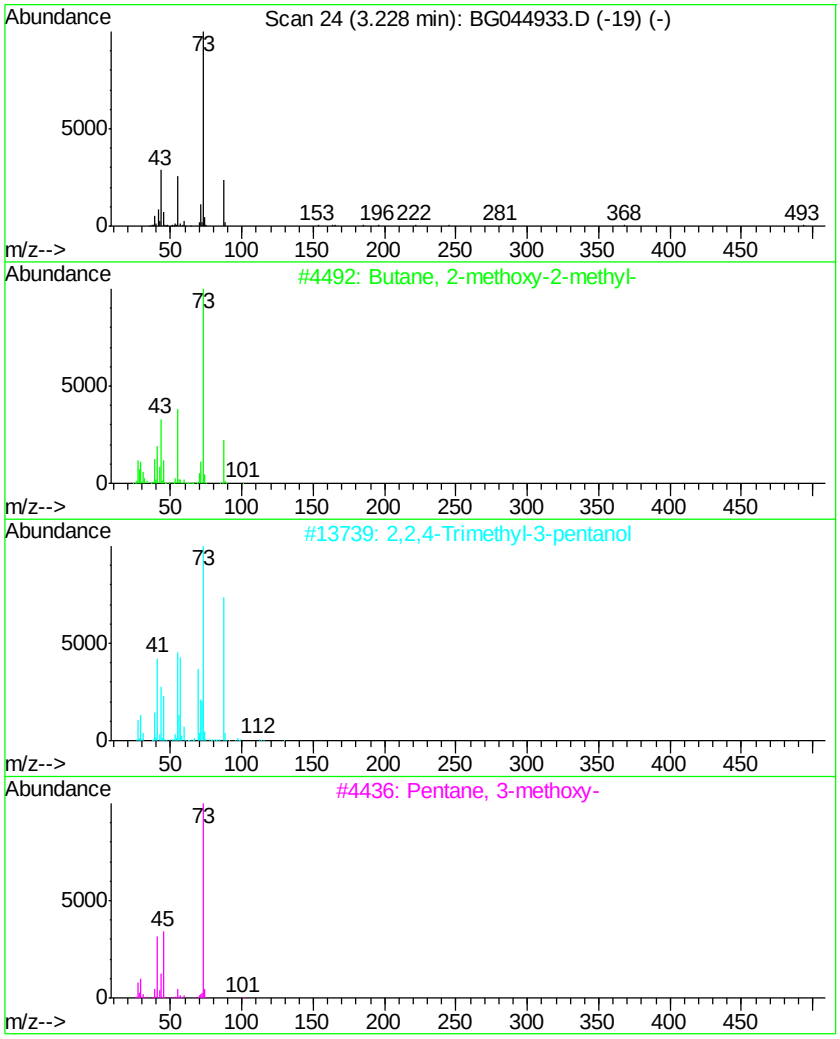
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

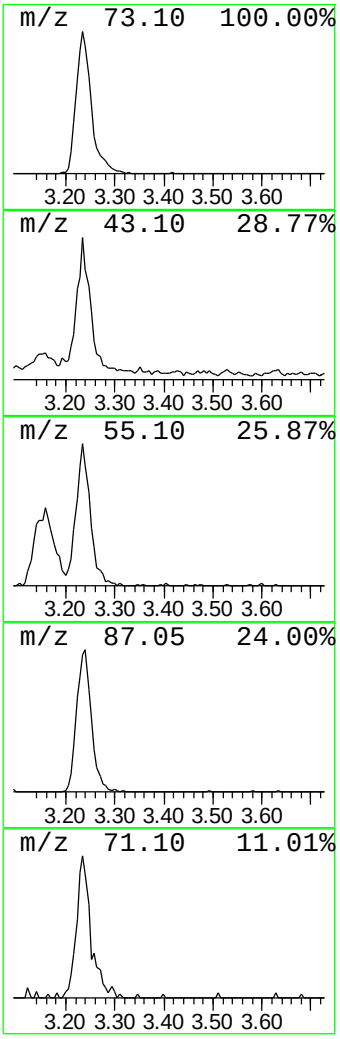
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	12.23 ng	337505	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	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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

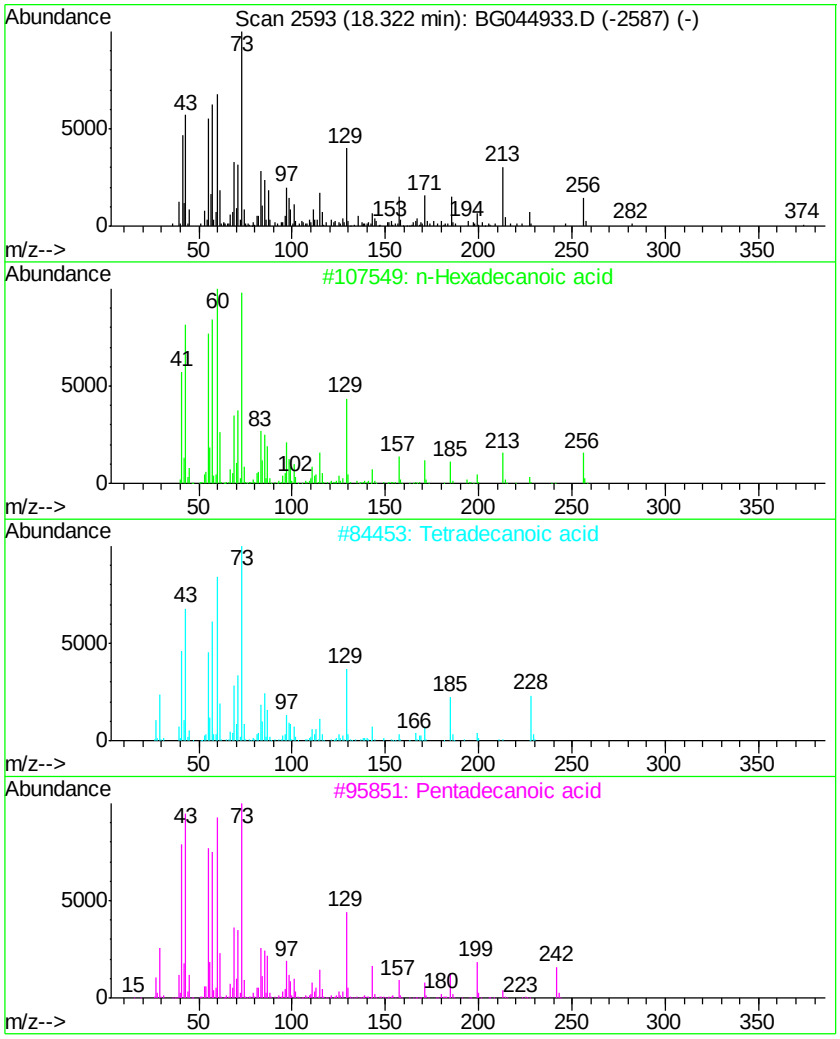
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

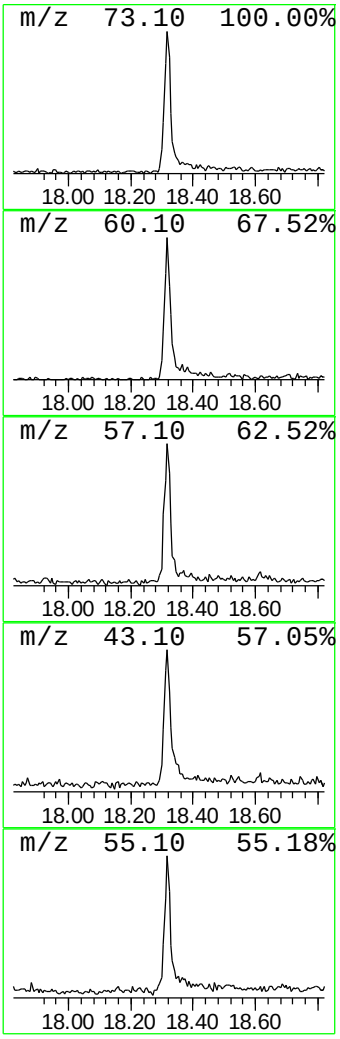
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	5.83 ng	352004	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Octadecanoic acid	284	C18H36O2	000057-11-4	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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

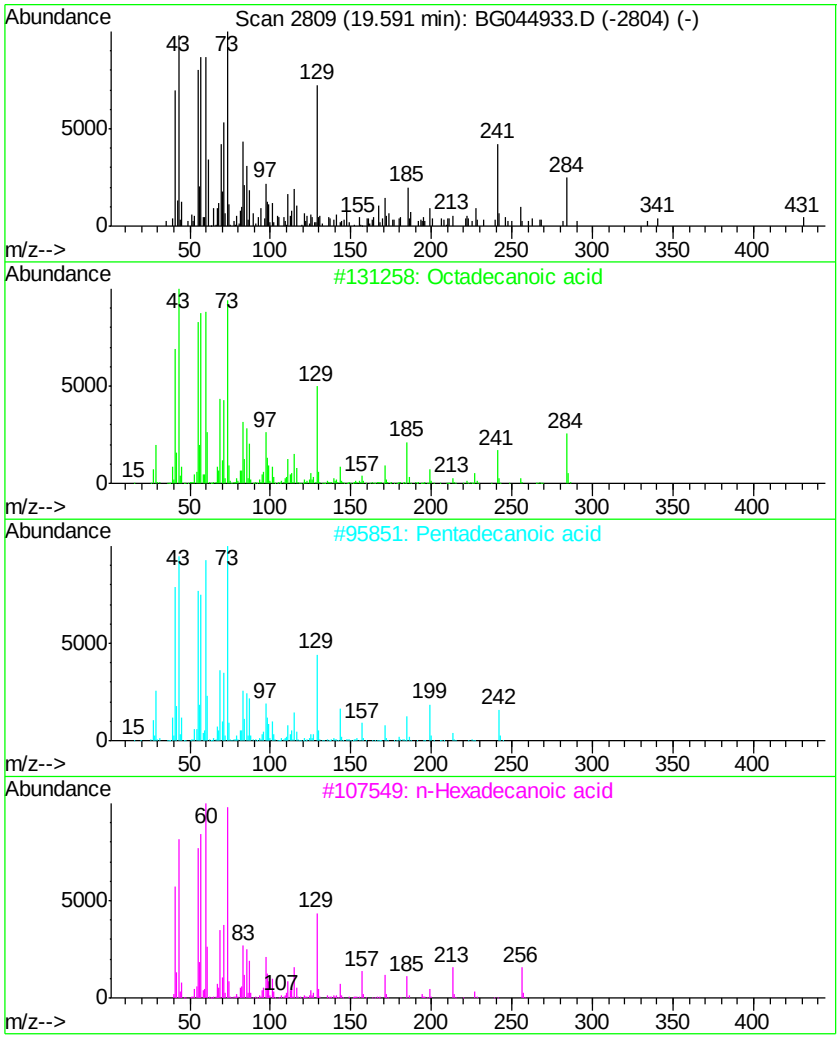
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

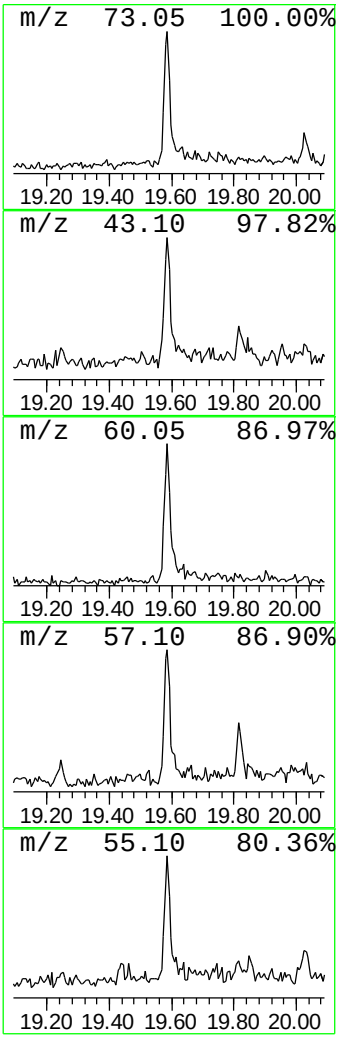
****

Peak Number 5 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	2.97 ng	193514	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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

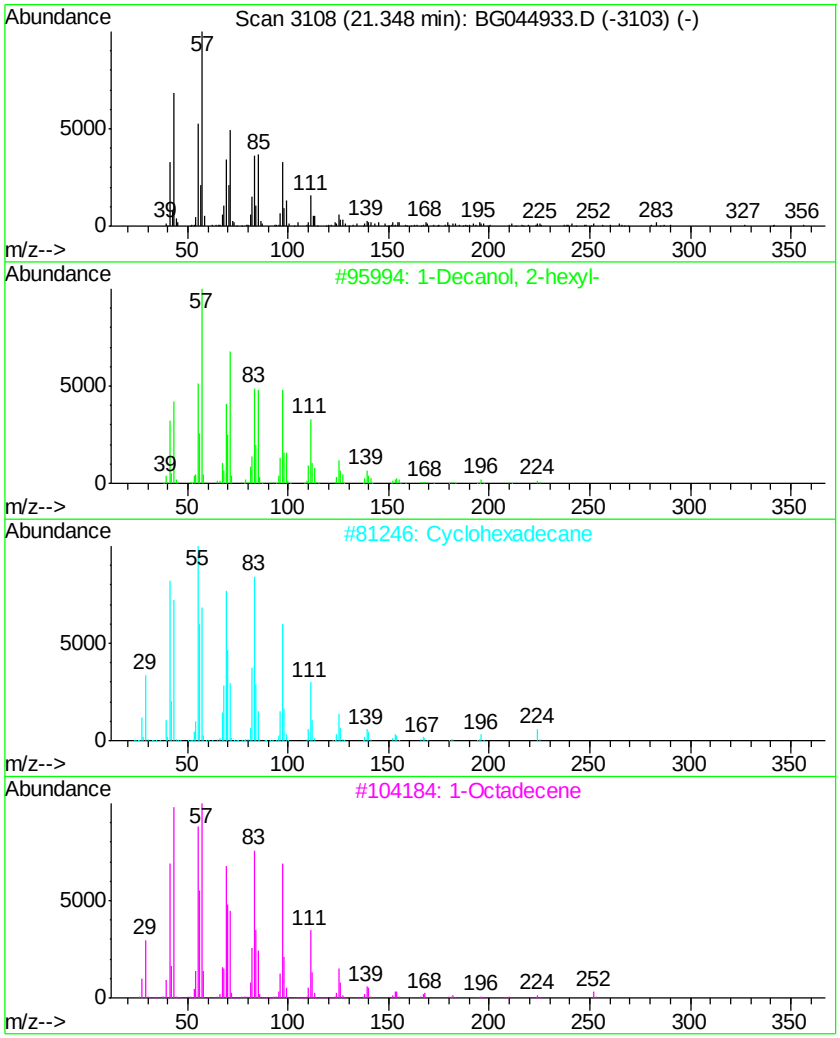
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

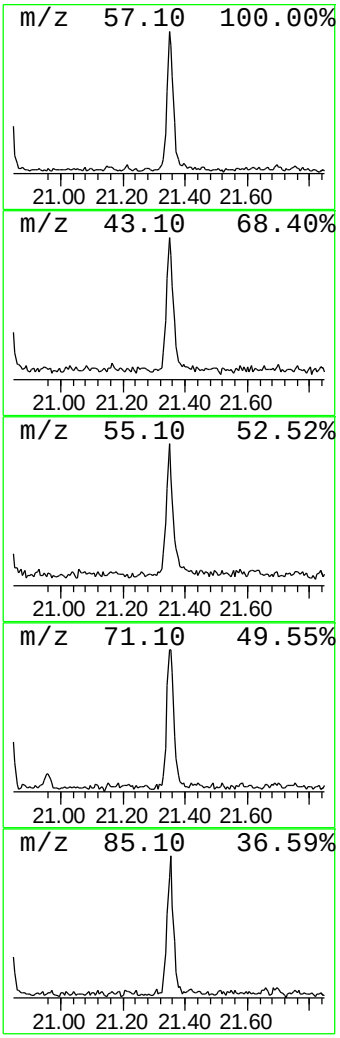
****

Peak Number 6 1-Decanol, 2-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	5.28 ng	344514	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2	Cyclohexadecane	224	C16H32	000295-65-8	90
3	1-Octadecene	252	C18H36	000112-88-9	90
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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

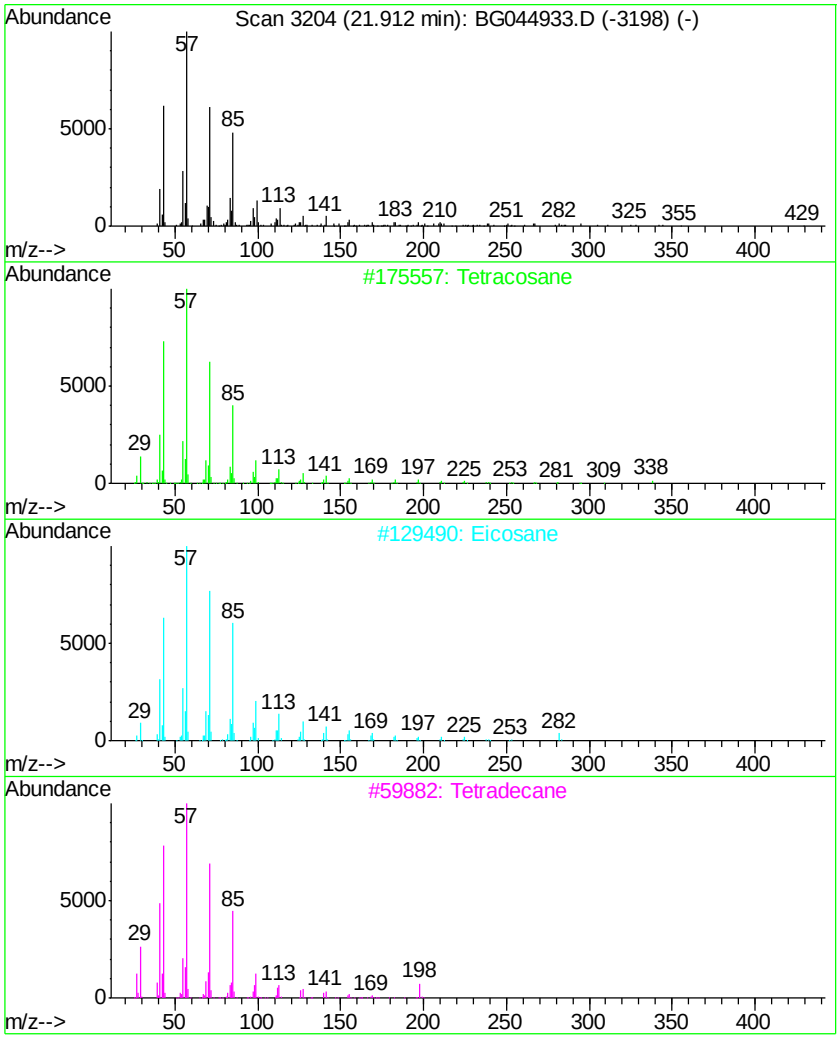
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

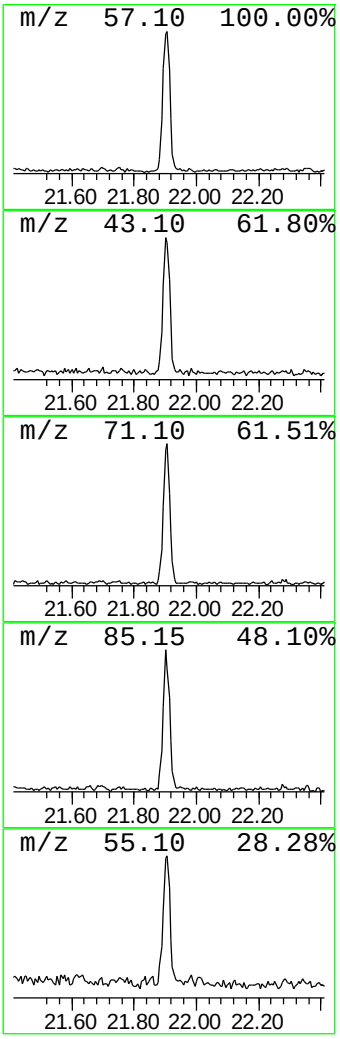
****

Peak Number 7 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	5.00 ng	326208	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Pentadecane	212	C15H32	000629-62-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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

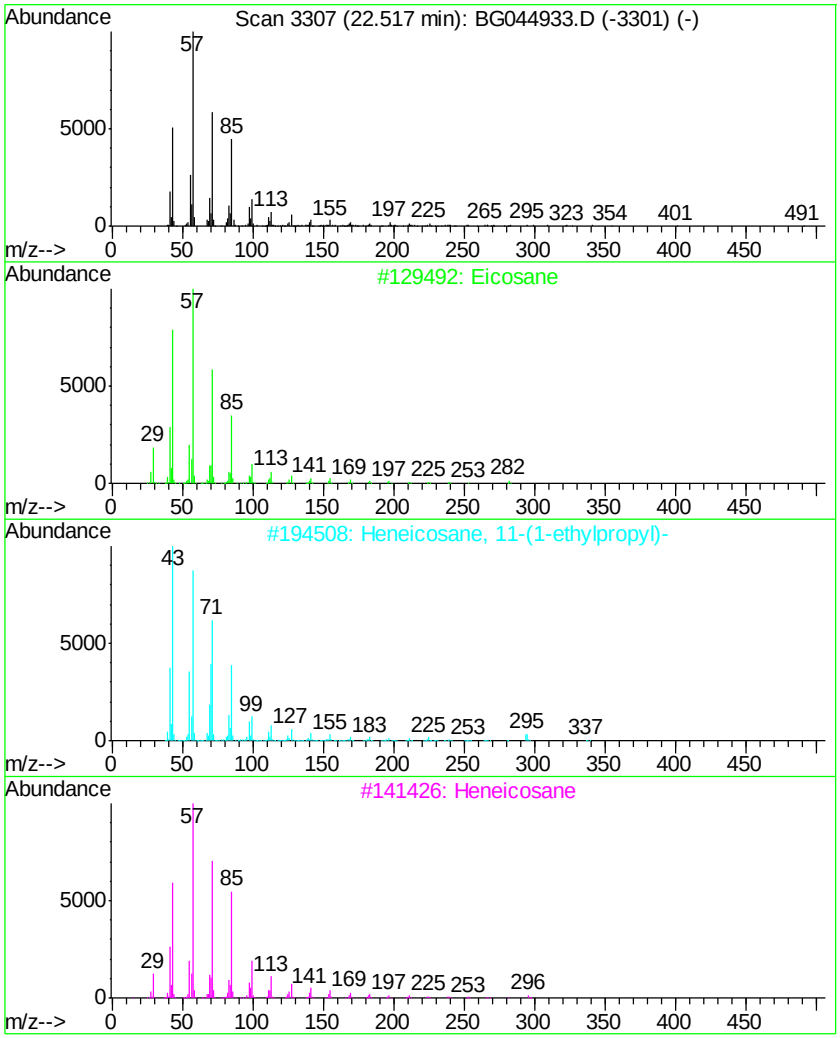
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

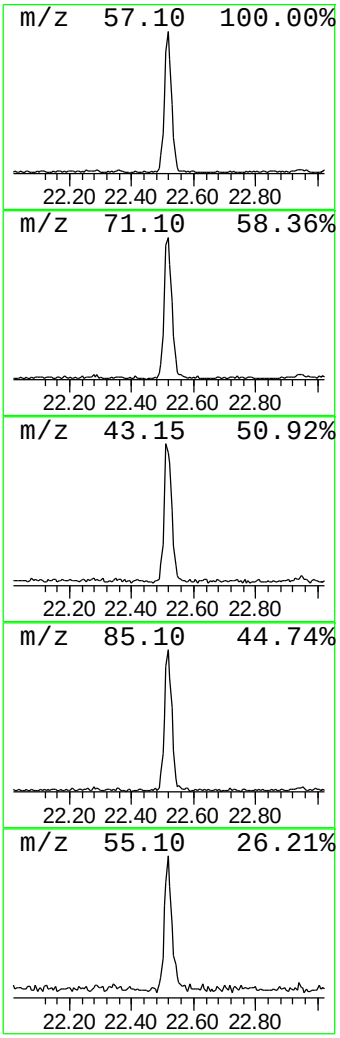
****

Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	8.45 ng	550861	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Octacosane	394	C28H58	000630-02-4	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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

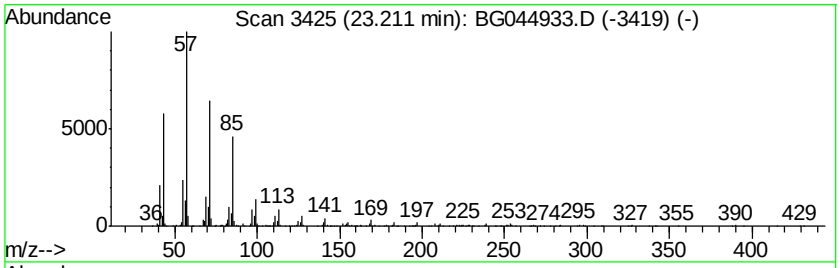
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

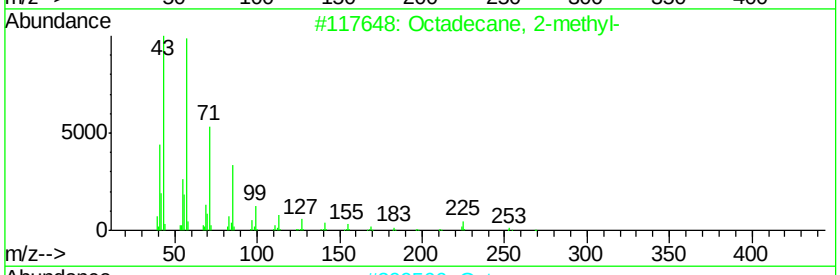
****

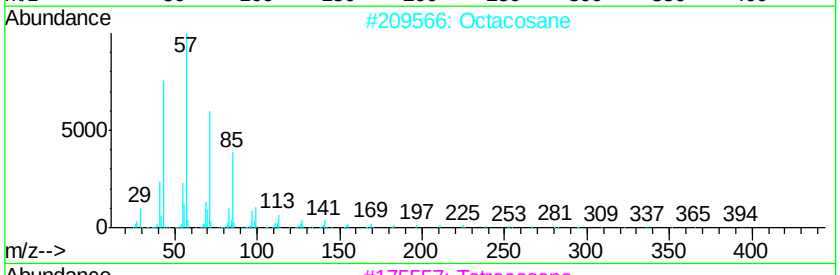
Peak Number 9 Octadecane, 2-methyl- Concentration Rank 4

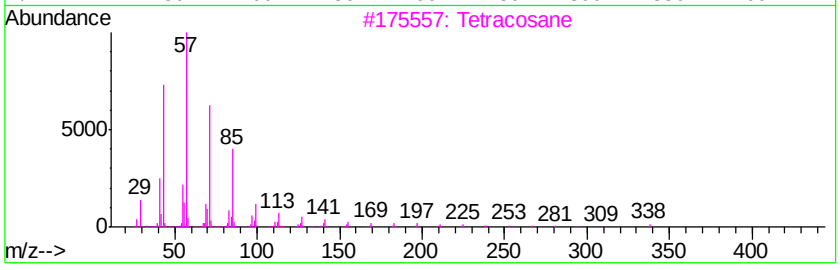
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	10.56 ng	688684	Chrysene-d12	21.68

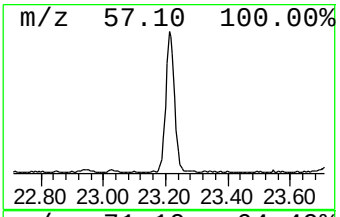
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Docosane	310	C22H46	000629-97-0	91

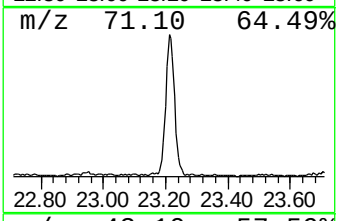


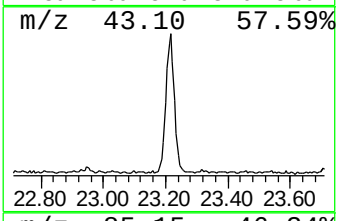


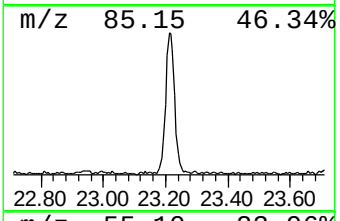


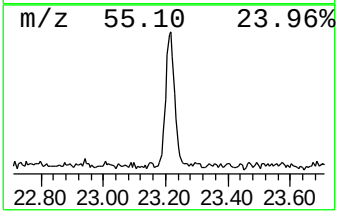












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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

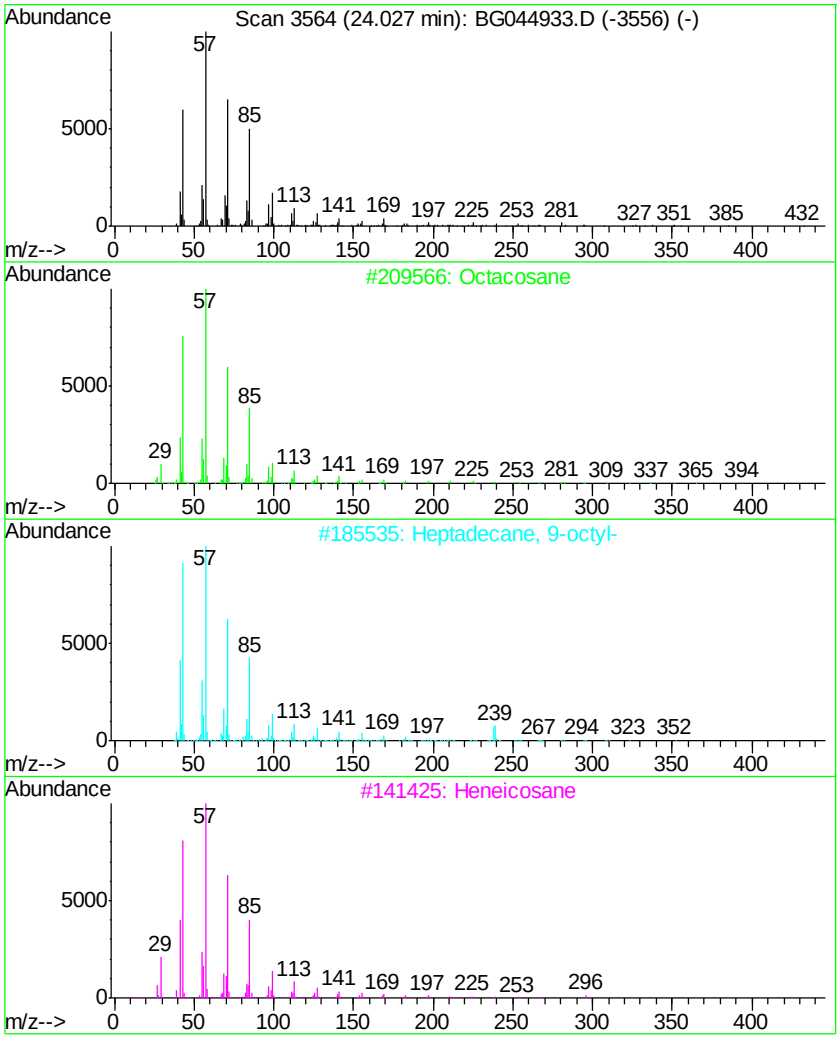
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

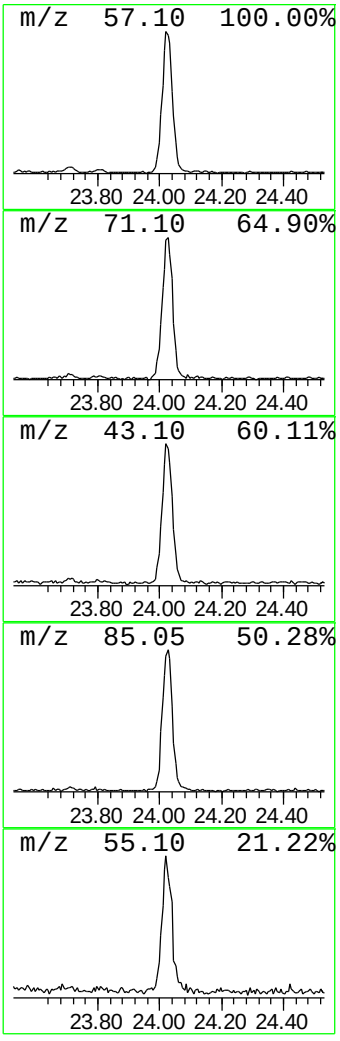
****

Peak Number 10 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	11.18 ng	747239	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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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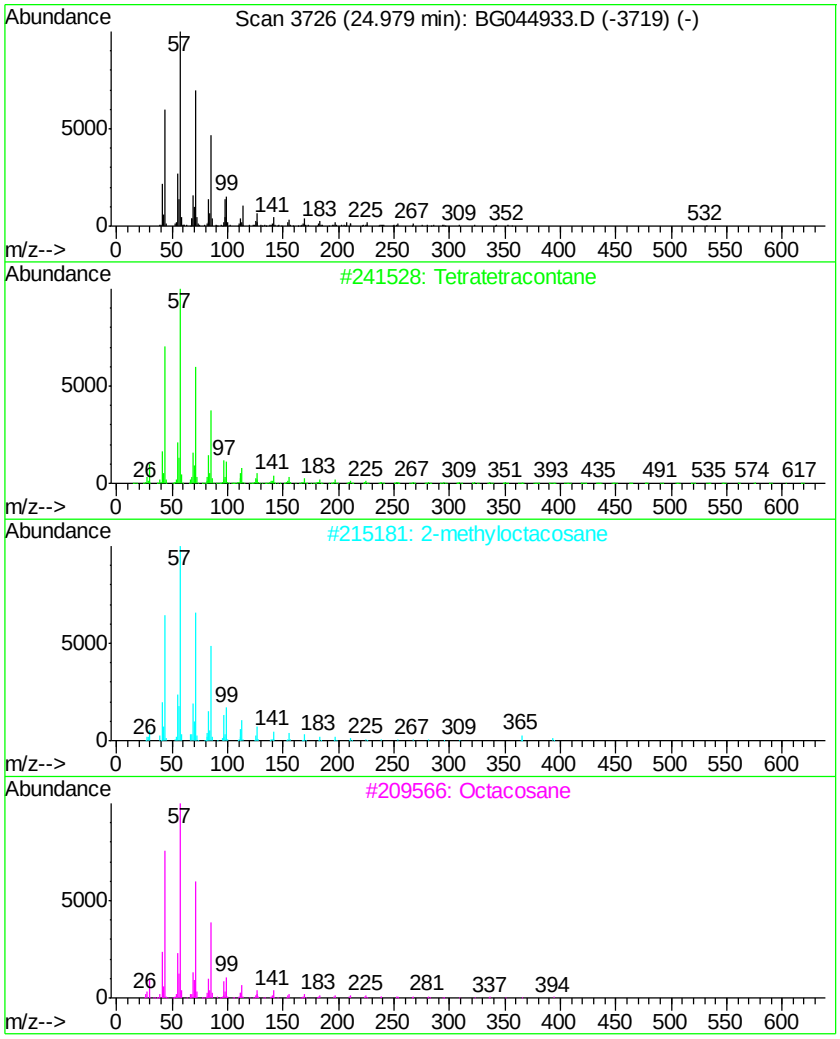
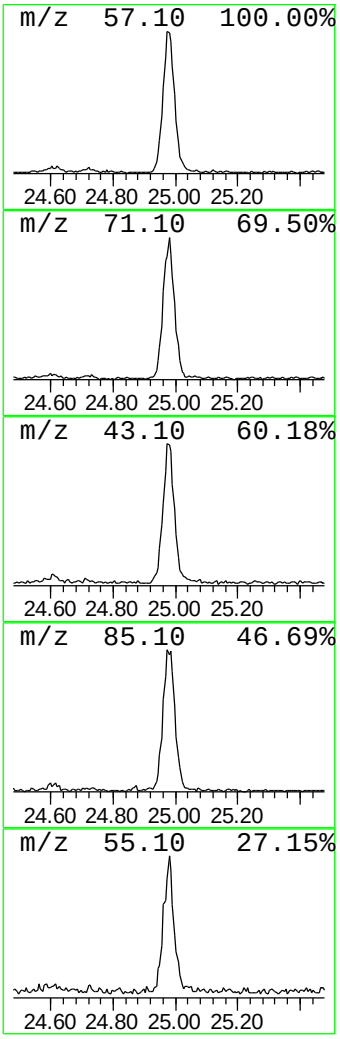
Peak Number 11 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	10.29 ng	687491	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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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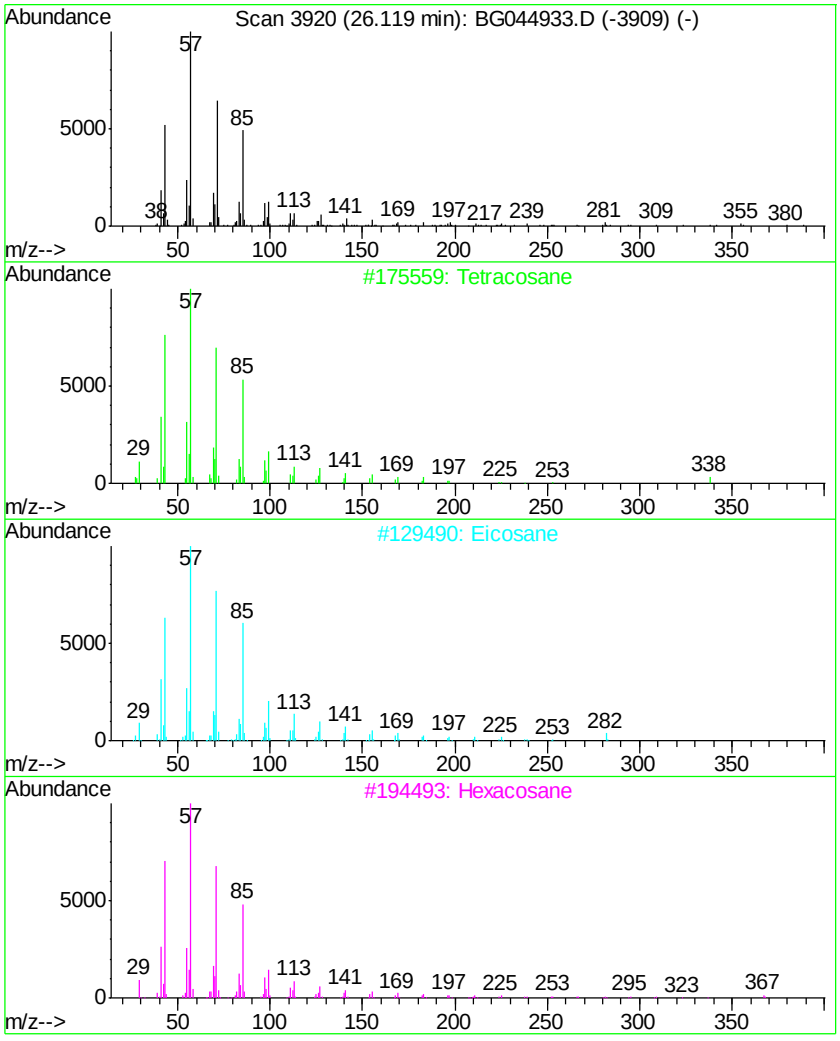
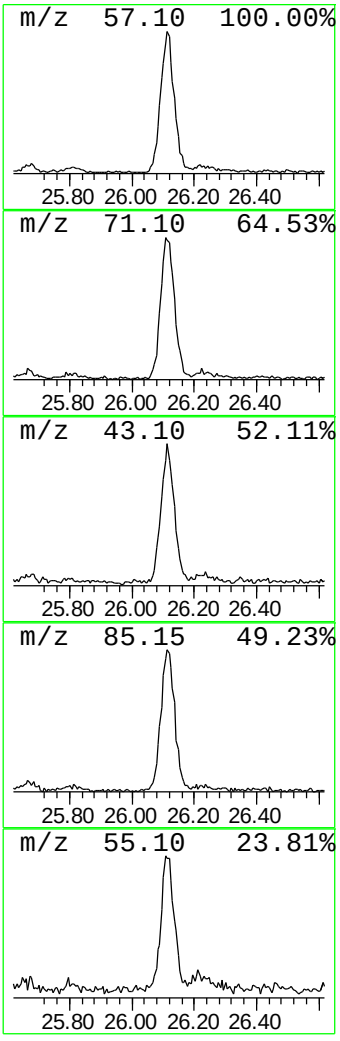
Peak Number 12 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	8.77 ng	585995	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Eicosane	282	C20H42	000112-95-8	94
3	Hexacosane	366	C26H54	000630-01-3	94
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Octadecane	254	C18H38	000593-45-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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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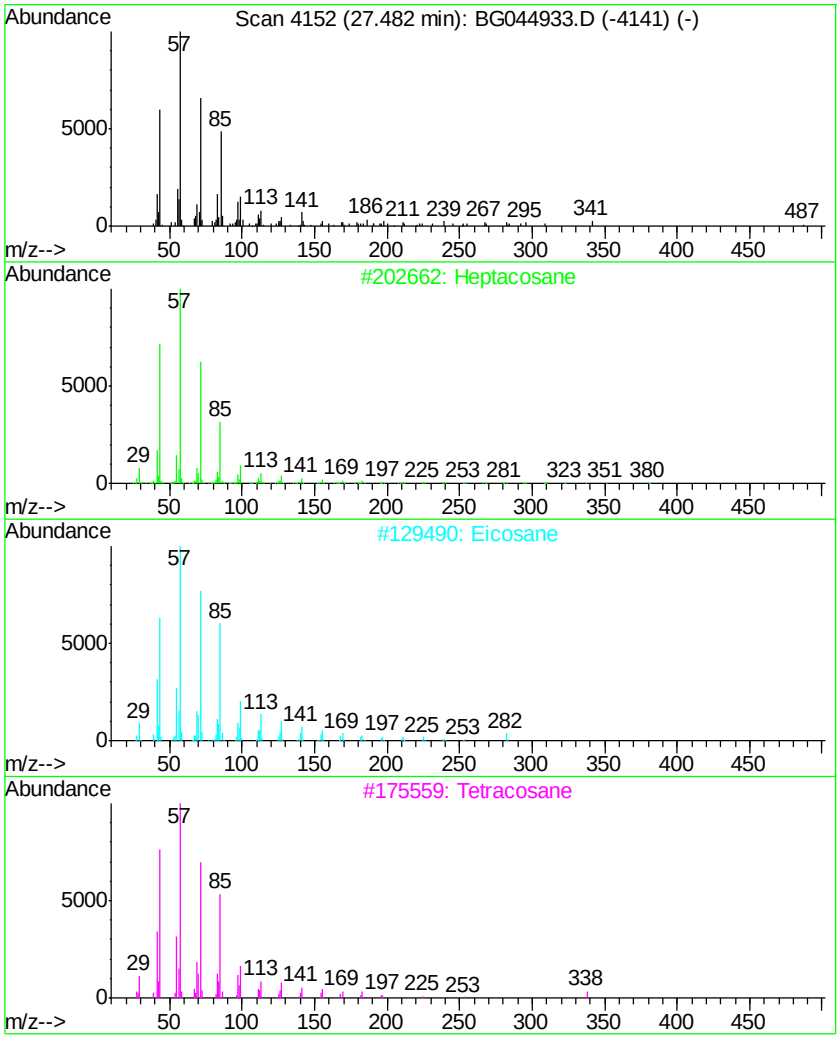
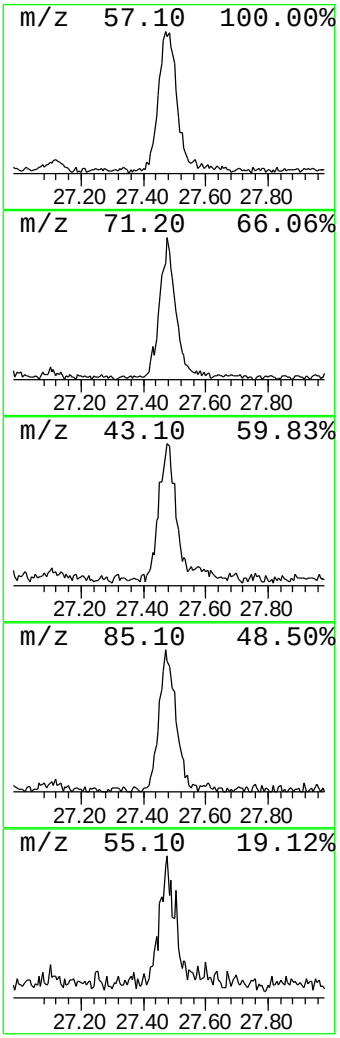
Peak Number 13 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.48	4.31 ng	287888	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032420\
Data File : BG044933.D
Acq On : 24 Mar 2020 16:49
Operator : CG/JU
Sample : L2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-GW-03-17

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.23	12.2	ng	337505	1	8.04	551968	20.0
n-Hexadecanoic acid	18.32	5.8	ng	352004	4	17.42	1207380	20.0
Octadecanoic acid	19.59	3.0	ng	193514	5	21.68	1304250	20.0
1-Decanol, 2-hexyl-	21.35	5.3	ng	344514	5	21.68	1304250	20.0
Tetracosane	21.91	5.0	ng	326208	5	21.68	1304250	20.0
Eicosane	22.52	8.4	ng	550861	5	21.68	1304250	20.0
Octadecane, 2-met...	23.21	10.6	ng	688684	5	21.68	1304250	20.0
Octacosane	24.03	11.2	ng	747239	6	24.89	1336690	20.0
Tetratetracontane	24.98	10.3	ng	687491	6	24.89	1336690	20.0
Hexacosane	26.12	8.8	ng	585995	6	24.89	1336690	20.0
Heptacosane	27.48	4.3	ng	287888	6	24.89	1336690	20.0