LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044496.D
Acq On : 19 Feb 2020 19:25
Operator : CG/JU
Sample : L1558-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0168-COMP-CM-A

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-BG013020.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	5.472	398	406	418	rBV	757189	1270065	42.46%	7.539%
2	7.065	669	677	693	rBV	737913	1312054	43.86%	7.788%
3	7.887	809	817	825	rBV	188368	327855	10.96%	1.946%
4	8.210	865	872	883	rVB	600046	1051117	35.14%	6.239%
5	9.045	1006	1014	1029	rBV	440672	805272	26.92%	4.780%
6	10.690	1285	1294	1306	rBV	240426	449305	15.02%	2.667%
7	13.152	1705	1713	1726	rBV	1138390	1813993	60.64%	10.767%
8	13.434	1754	1761	1768	rBV	39077	64382	2.15%	0.382%
9	13.986	1848	1855	1865	rBV	36523	62569	2.09%	0.371%
10	14.526	1941	1947	1961	rBV	391930	643432	21.51%	3.819%
11	15.660	2135	2140	2149	rBV2	21111	34309	1.15%	0.204%
12	16.019	2194	2201	2226	rBV	843861	1670030	55.83%	9.913%
13	17.276	2408	2415	2426	rBV	545522	861079	28.79%	5.111%
14	19.891	2854	2860	2869	rBV	2234213	2991309	100.00%	17.756%
15	21.189	3077	3081	3089	rBV2	123668	228287	7.63%	1.355%
16	21.254	3089	3092	3100	rVB	38943	69392	2.32%	0.412%
17	21.518	3131	3137	3156	rVB	632119	1123651	37.56%	6.670%
18	21.724	3167	3172	3176	rBV	65504	93571	3.13%	0.555%
19	22.306	3267	3271	3280	rVB	89443	141910	4.74%	0.842%
20	22.970	3379	3384	3392	rVB	101777	175199	5.86%	1.040%
21	23.152	3409	3415	3422	rVB	122192	235597	7.88%	1.398%
22	23.739	3509	3515	3524	rVB2	89490	182585	6.10%	1.084%
23	24.597	3652	3661	3681	rVB3	376937	1240134	41.46%	7.361%

Sum of corrected areas: 16847097

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
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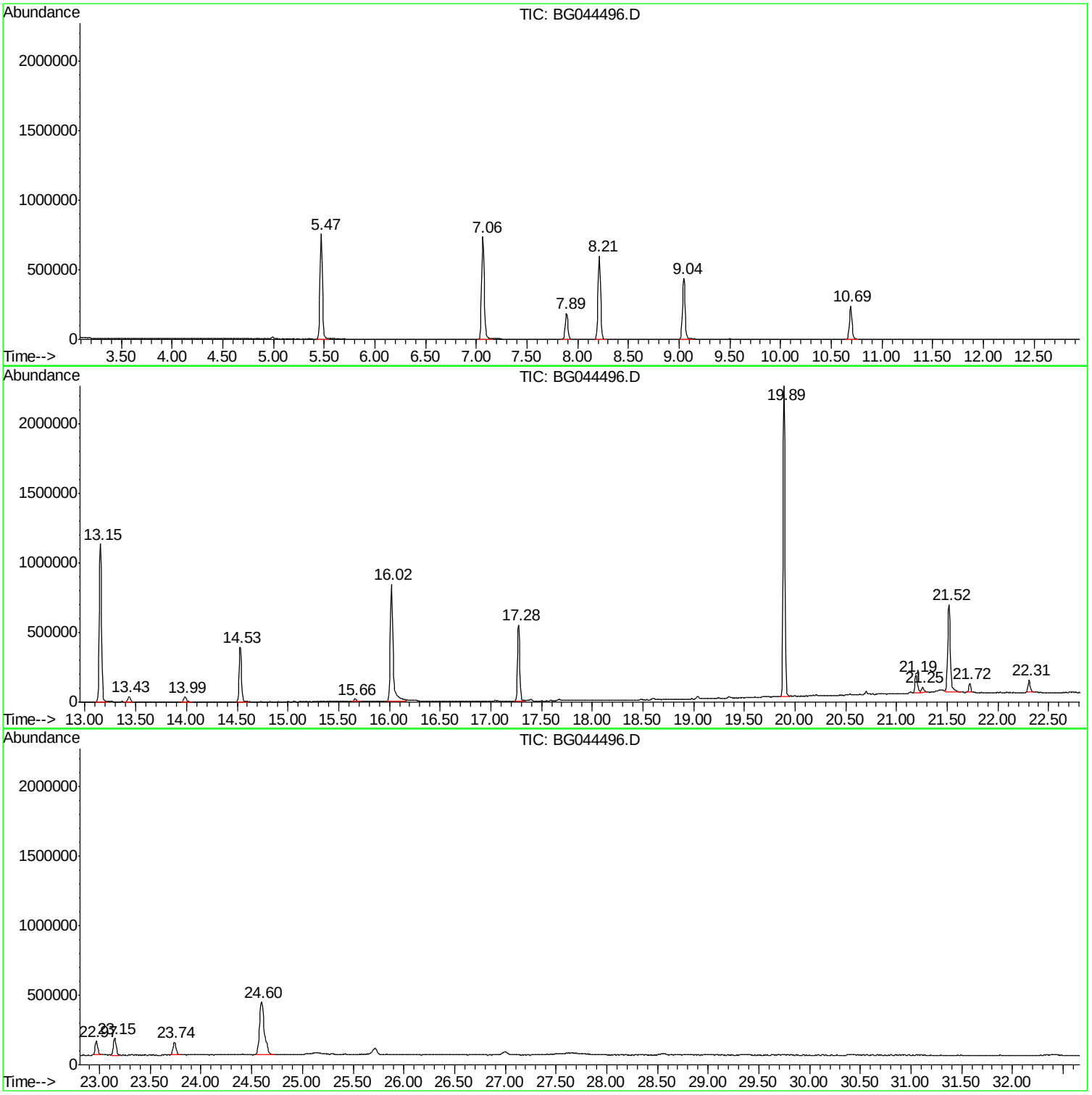
Operator : CG/JU
Sample : L1558-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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\BG021920\
Data File : BG044496.D
Acq On : 19 Feb 2020 19:25
Operator : CG/JU
Sample : L1558-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0168-COMP-CM-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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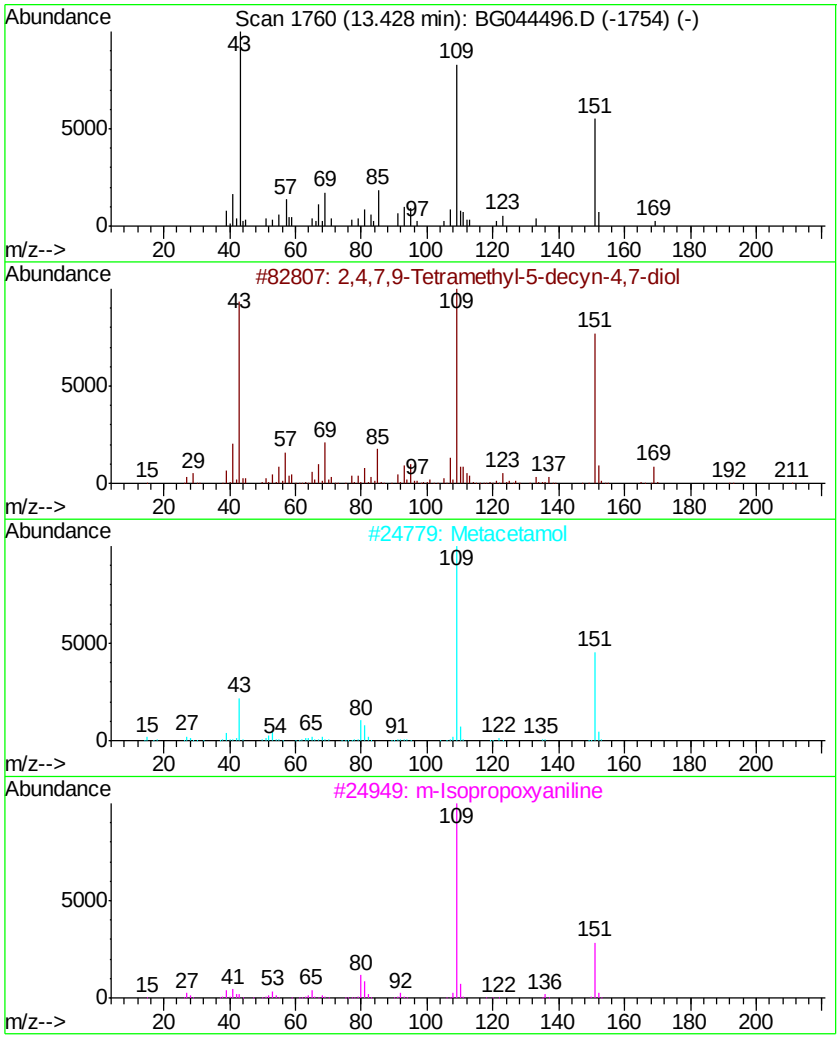
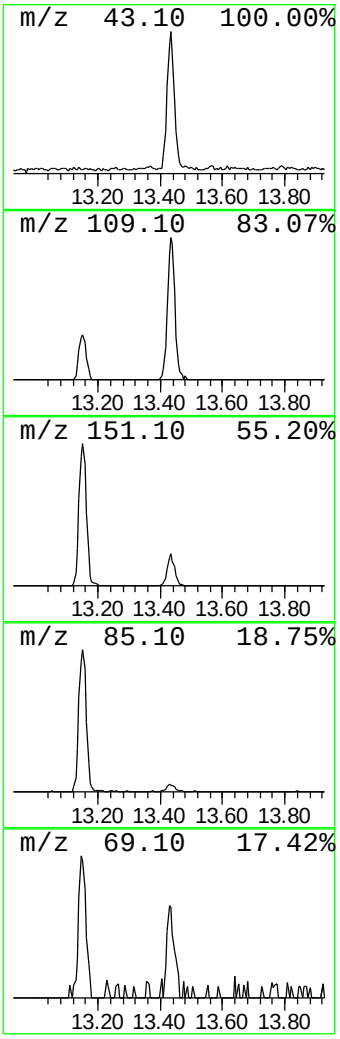
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	2.00 ng	64382	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	64
2	Metacetamol	151	C8H9NO2	000621-42-1	59
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
4	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	47
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	46





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Data File : BG044496.D
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Sample : L1558-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0168-COMP-CM-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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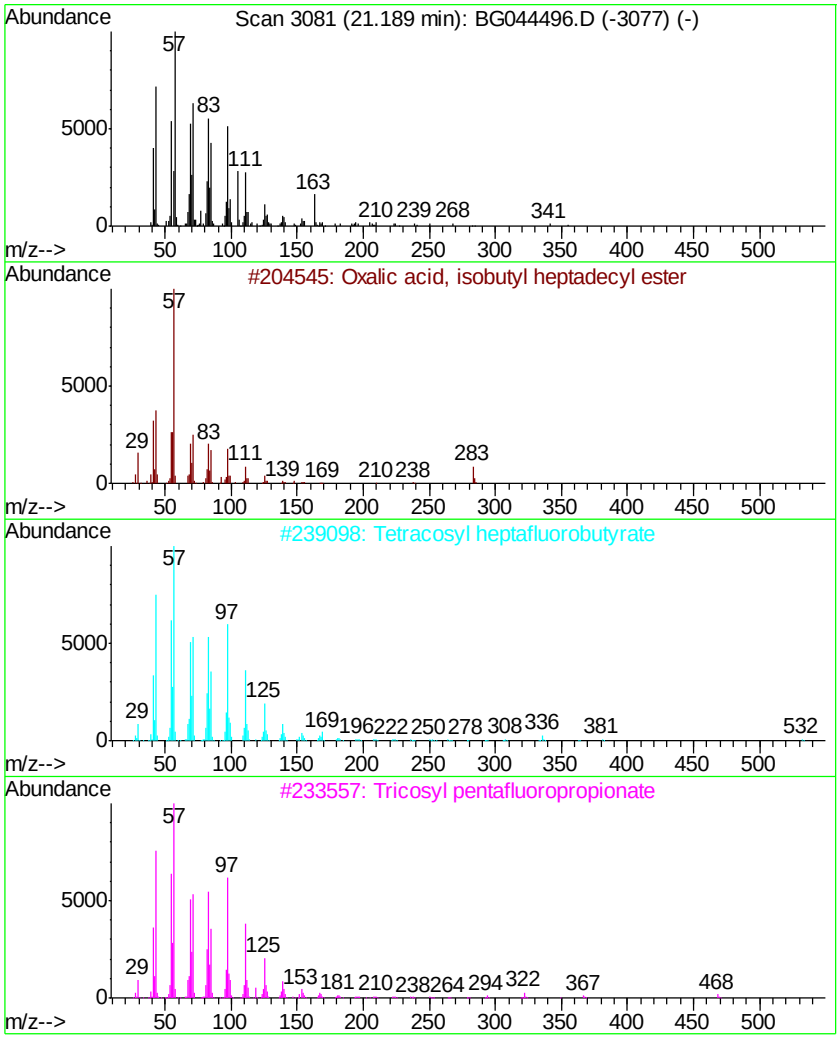
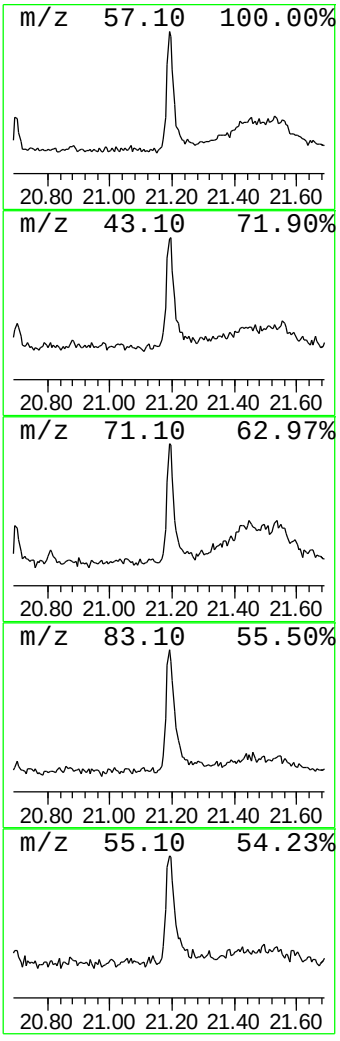
Peak Number 3 Oxalic acid, isobutyl hepta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	4.06 ng	228287	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	83
2	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	81
3	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	81
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	81
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044496.D
Acq On : 19 Feb 2020 19:25
Operator : CG/JU
Sample : L1558-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0168-COMP-CM-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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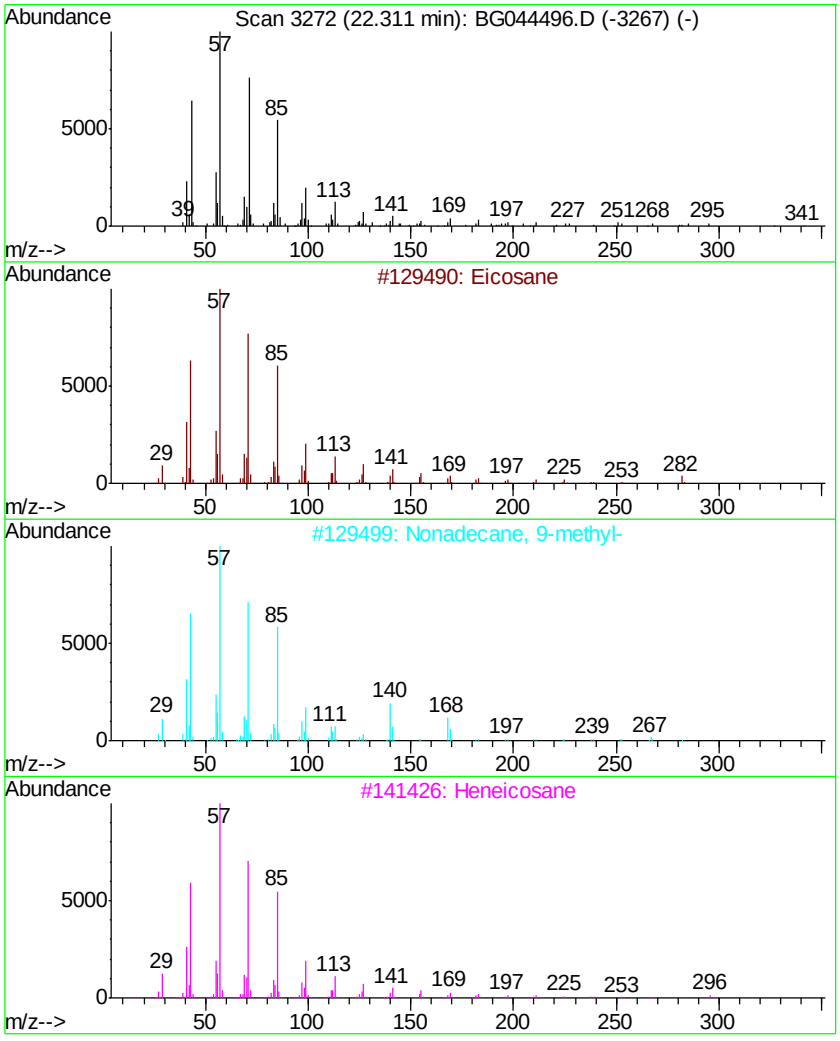
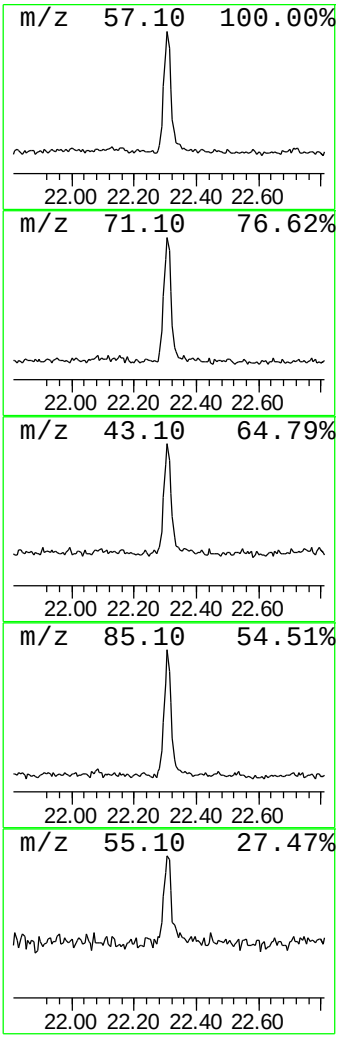
Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	2.53 ng	141910	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetratetracontane	619	C44H90	007098-22-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044496.D
Acq On : 19 Feb 2020 19:25
Operator : CG/JU
Sample : L1558-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0168-COMP-CM-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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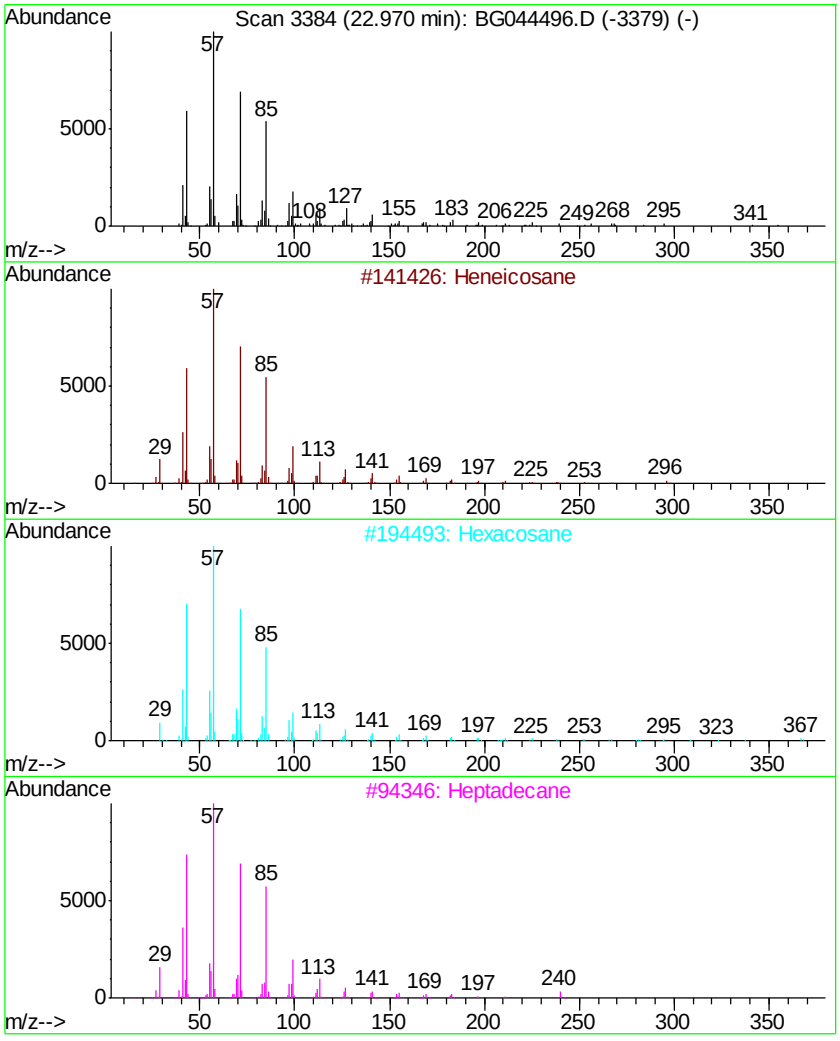
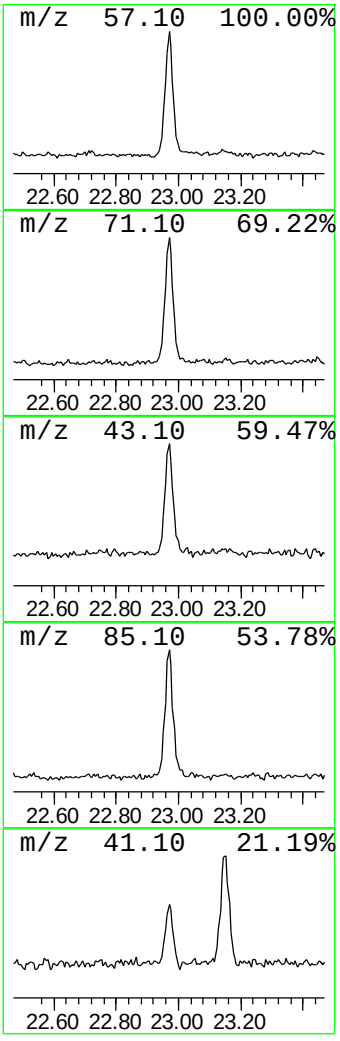
Peak Number 5 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	3.12 ng	175199	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044496.D
Acq On : 19 Feb 2020 19:25
Operator : CG/JU
Sample : L1558-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0168-COMP-CM-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

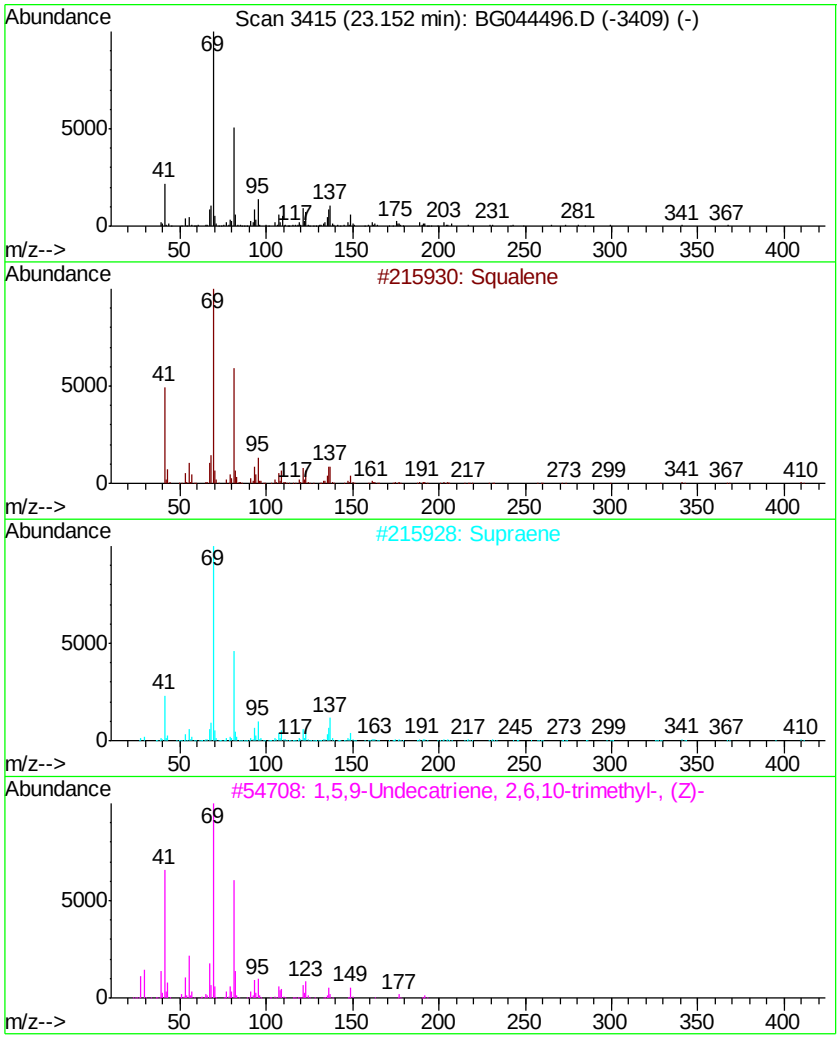
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

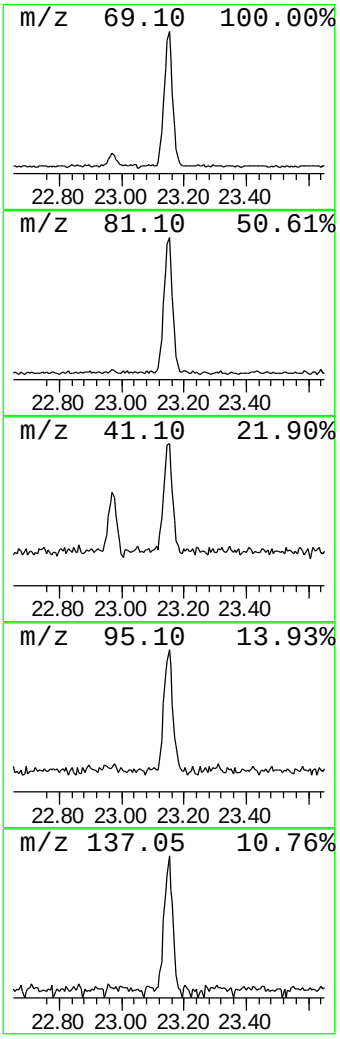
****

Peak Number 6 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	3.80 ng	235597	Perylene-d12	24.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	86
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





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Misc :
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Instrument : BNA_G
ClientSampleId : 0168-COMP-CM-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

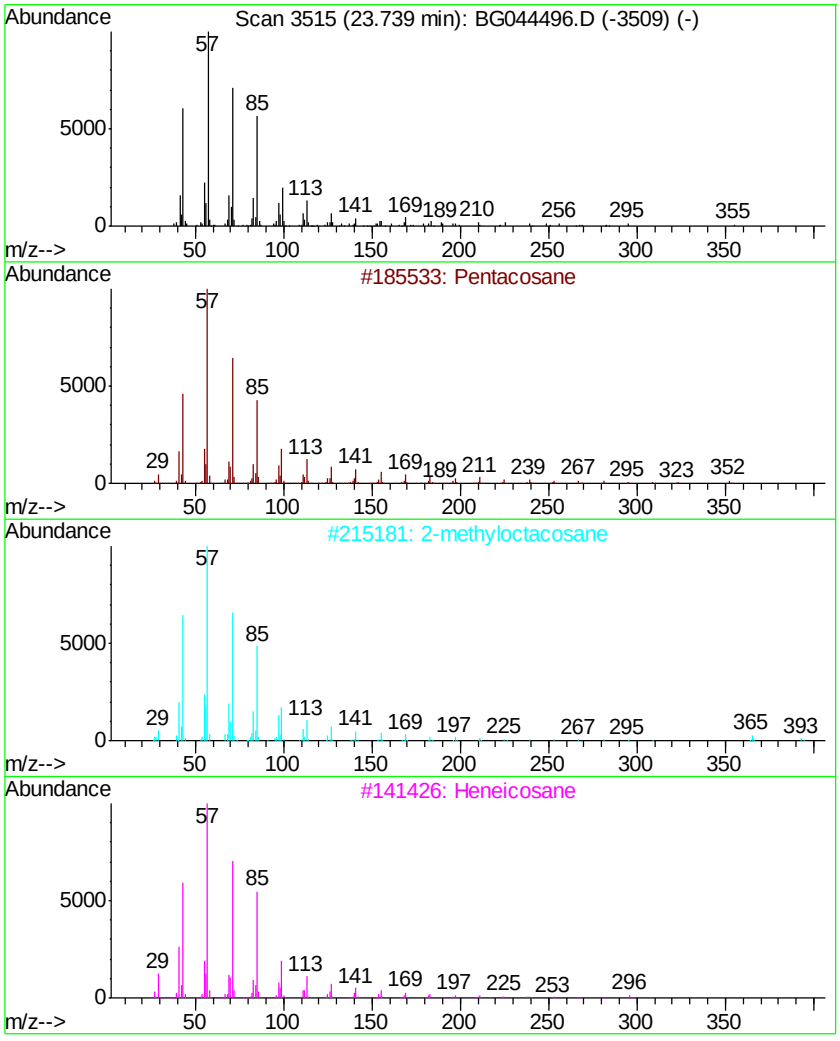
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

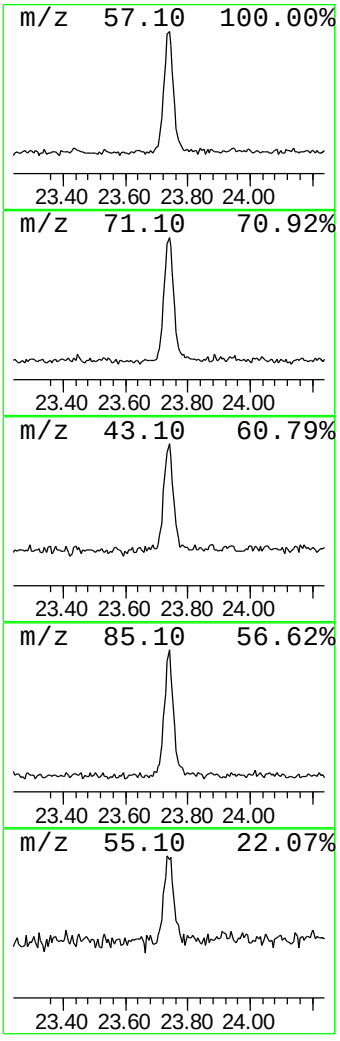
****

Peak Number 7 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.94 ng	182585	Perylene-d12	24.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	72
5	Hentriacontane	437	C31H64	000630-04-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021920\
Data File : BG044496.D
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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
2,4,7,9-Tetrameth...	13.43	2.0	ng	64382	3	14.53	643432	20.0
Oxalic acid, isob...	21.19	4.1	ng	228287	5	21.52	1123650	20.0
Eicosane	22.31	2.5	ng	141910	5	21.52	1123650	20.0
Heneicosane	22.97	3.1	ng	175199	5	21.52	1123650	20.0
Squalene	23.15	3.8	ng	235597	6	24.60	1240130	20.0
Pentacosane	23.74	2.9	ng	182585	6	24.60	1240130	20.0