LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044190.D
Acq On : 24 Jan 2020 20:23
Operator : CG/JU
Sample : L1247-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-6-COMP

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-BG123019.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	5.505	404	411	426	rBV	1246229	2071193	48.82%	8.313%
2	7.097	674	682	694	rBV	1300193	2378110	56.05%	9.545%
3	7.932	816	824	832	rBV	244167	420124	9.90%	1.686%
4	8.255	871	879	888	rBV	990355	1723809	40.63%	6.919%
5	9.083	1012	1020	1037	rBV	789815	1452110	34.23%	5.829%
6	10.728	1292	1300	1318	rBV	332730	650691	15.34%	2.612%
7	13.190	1711	1719	1738	rBV	1937431	3256052	76.74%	13.069%
8	14.013	1853	1859	1876	rBV	212940	383907	9.05%	1.541%
9	14.565	1945	1953	1971	rBV	607892	1018176	24.00%	4.087%
10	16.052	2199	2206	2229	rBV	1627479	2629019	61.97%	10.552%
11	17.309	2413	2420	2432	rBV	733159	1185925	27.95%	4.760%
12	19.923	2859	2865	2877	rBV	3161765	4242718	100.00%	17.030%
13	21.228	3082	3087	3100	rBV2	114057	280878	6.62%	1.127%
14	21.557	3136	3143	3160	rVB	716742	1260550	29.71%	5.060%
15	21.762	3174	3178	3184	rVB	55558	75582	1.78%	0.303%
16	22.356	3273	3279	3284	rBV	67474	109065	2.57%	0.438%
17	23.026	3383	3393	3402	rVB2	71766	163252	3.85%	0.655%
18	23.807	3518	3526	3533	rBV2	75961	159529	3.76%	0.640%
19	24.659	3659	3671	3680	rBV	437860	1316176	31.02%	5.283%
20	25.805	3858	3866	3877	rBV3	43995	136992	3.23%	0.550%

Sum of corrected areas: 24913858

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044190.D
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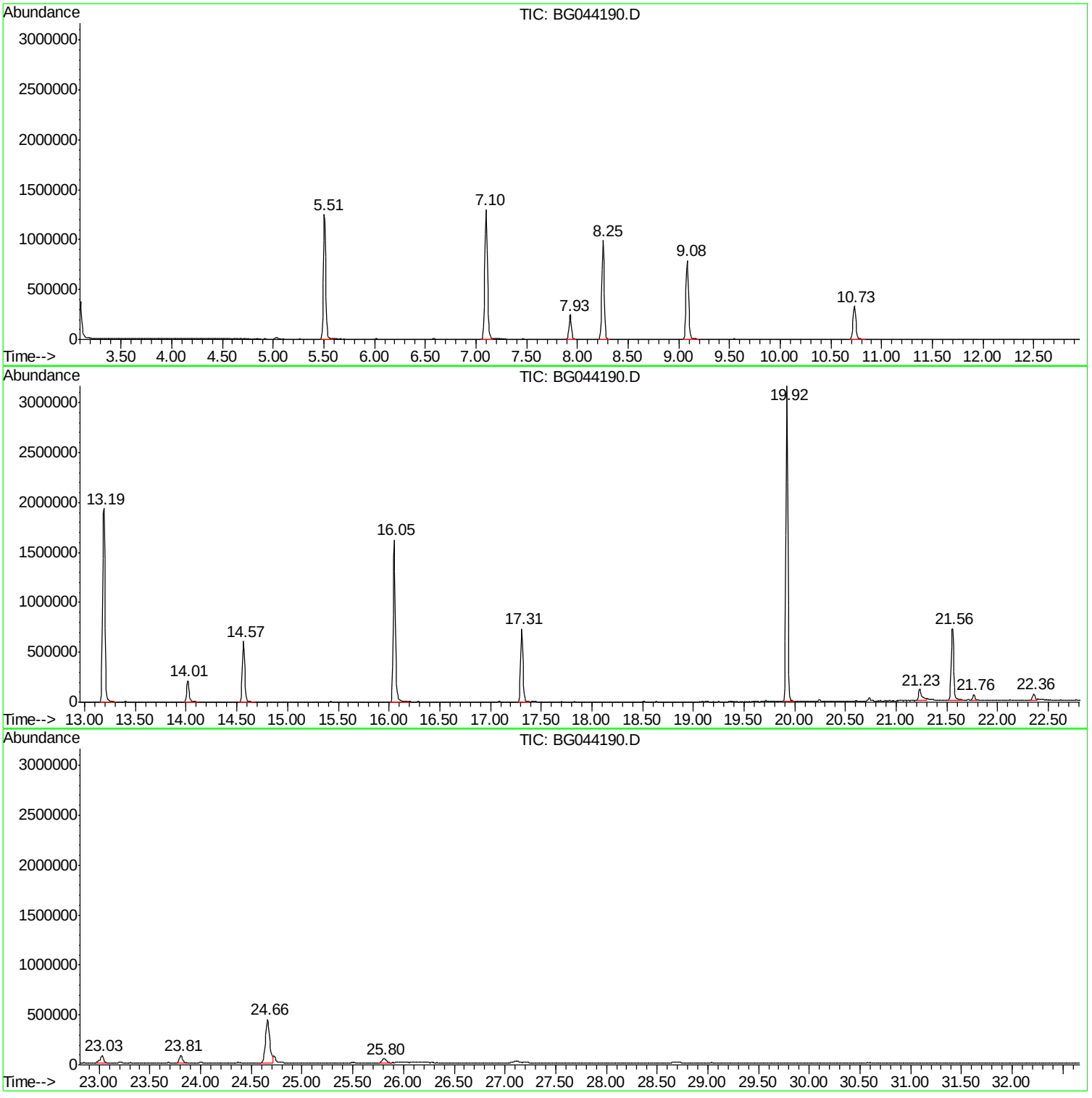
Operator : CG/JU
Sample : L1247-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-6-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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\BG012420\
Data File : BG044190.D
Acq On : 24 Jan 2020 20:23
Operator : CG/JU
Sample : L1247-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-6-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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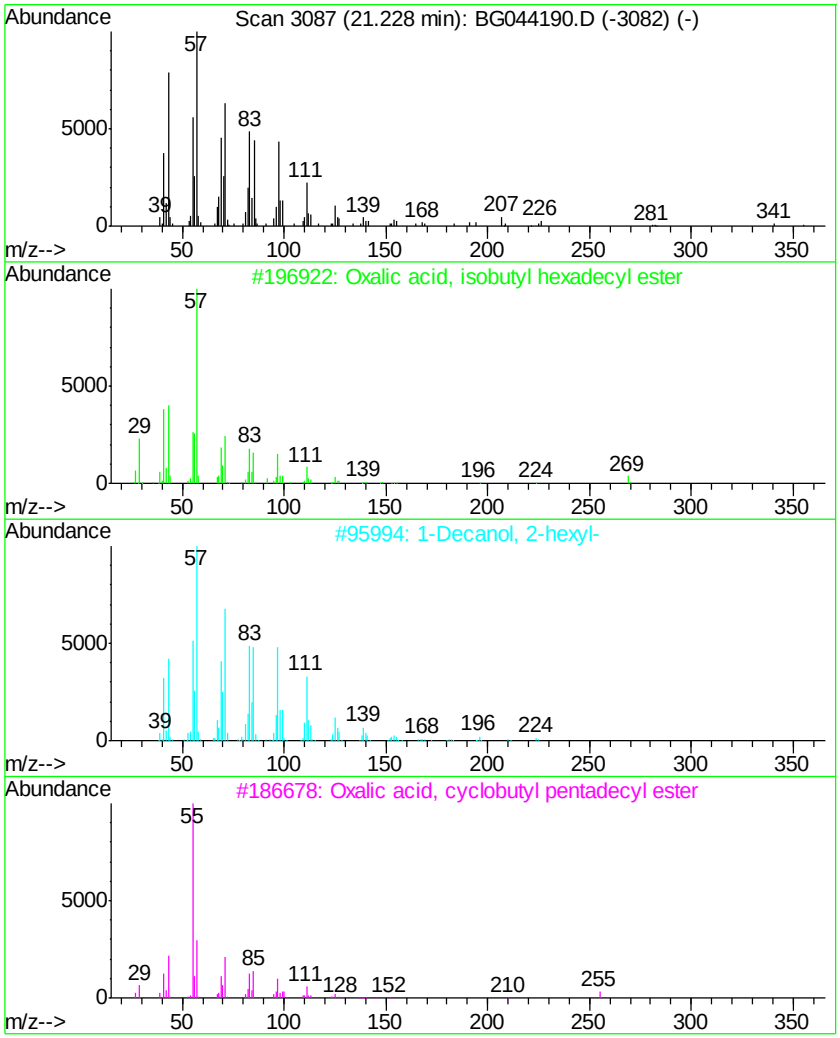
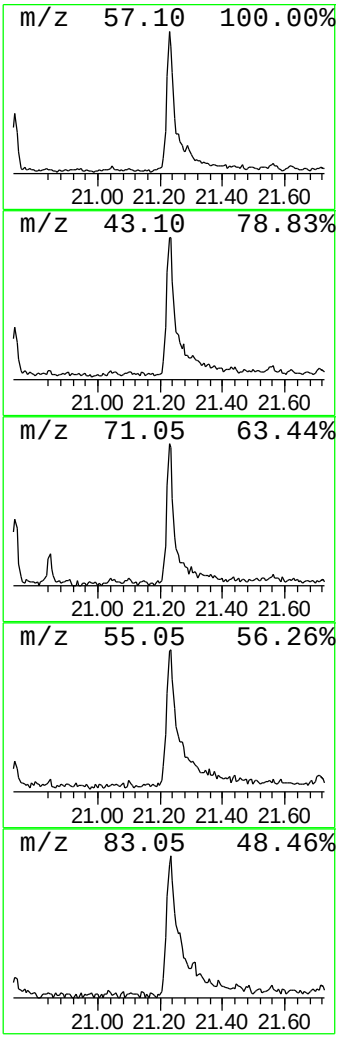
Peak Number 2 Oxalic acid, isobutyl hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.46 ng	280878	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	91
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044190.D
Acq On : 24 Jan 2020 20:23
Operator : CG/JU
Sample : L1247-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-6-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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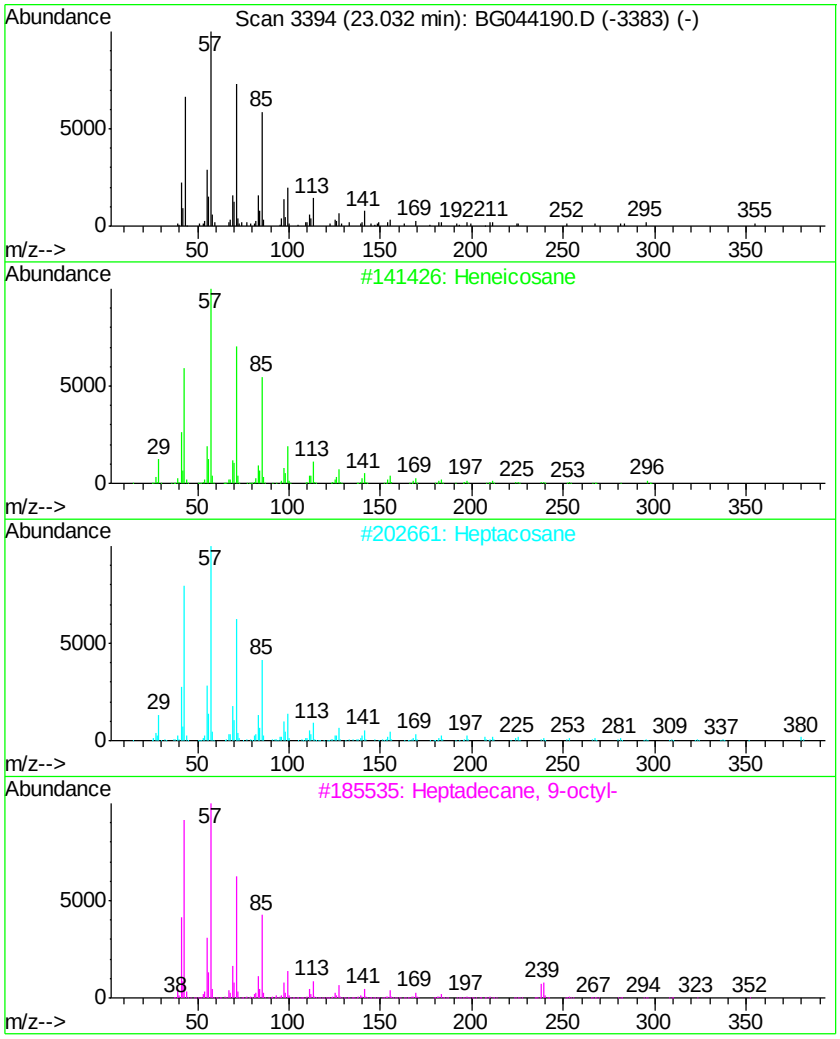
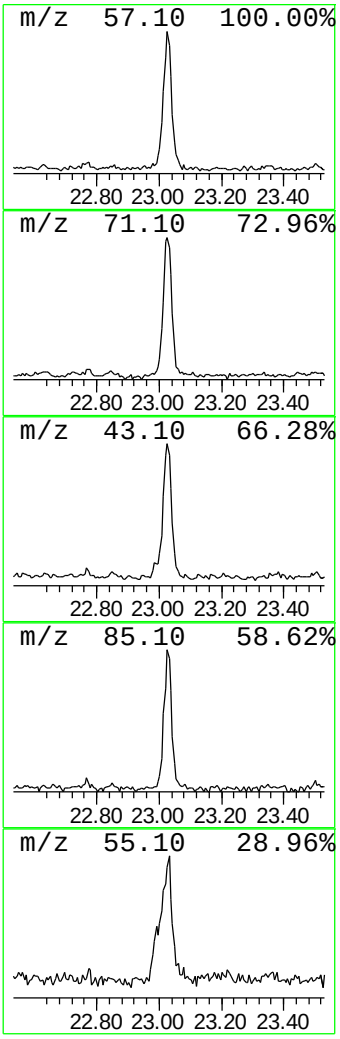
Peak Number 3 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	2.59 ng	163252	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044190.D
Acq On : 24 Jan 2020 20:23
Operator : CG/JU
Sample : L1247-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-6-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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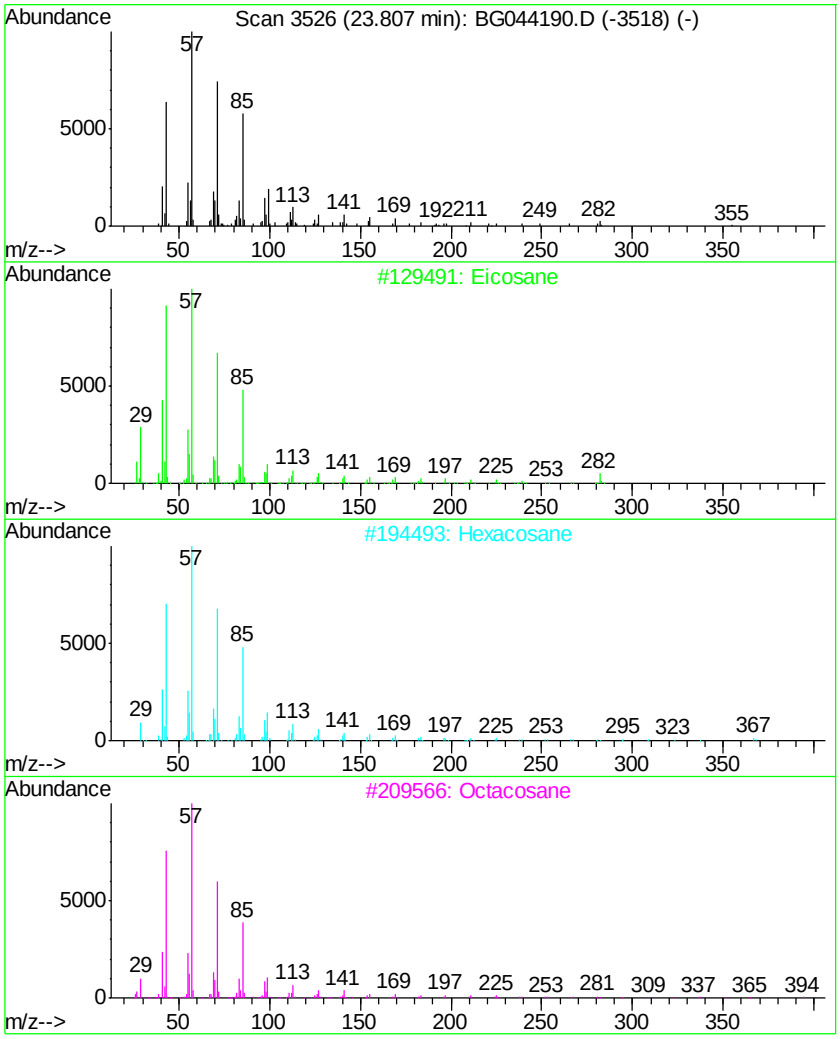
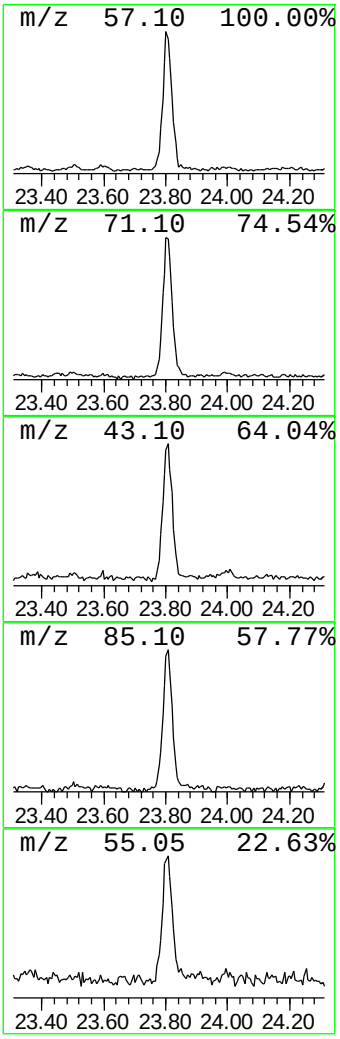
Peak Number 4 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	2.42 ng	159529	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	90





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Data File : BG044190.D
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Operator : CG/JU
Sample : L1247-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-6-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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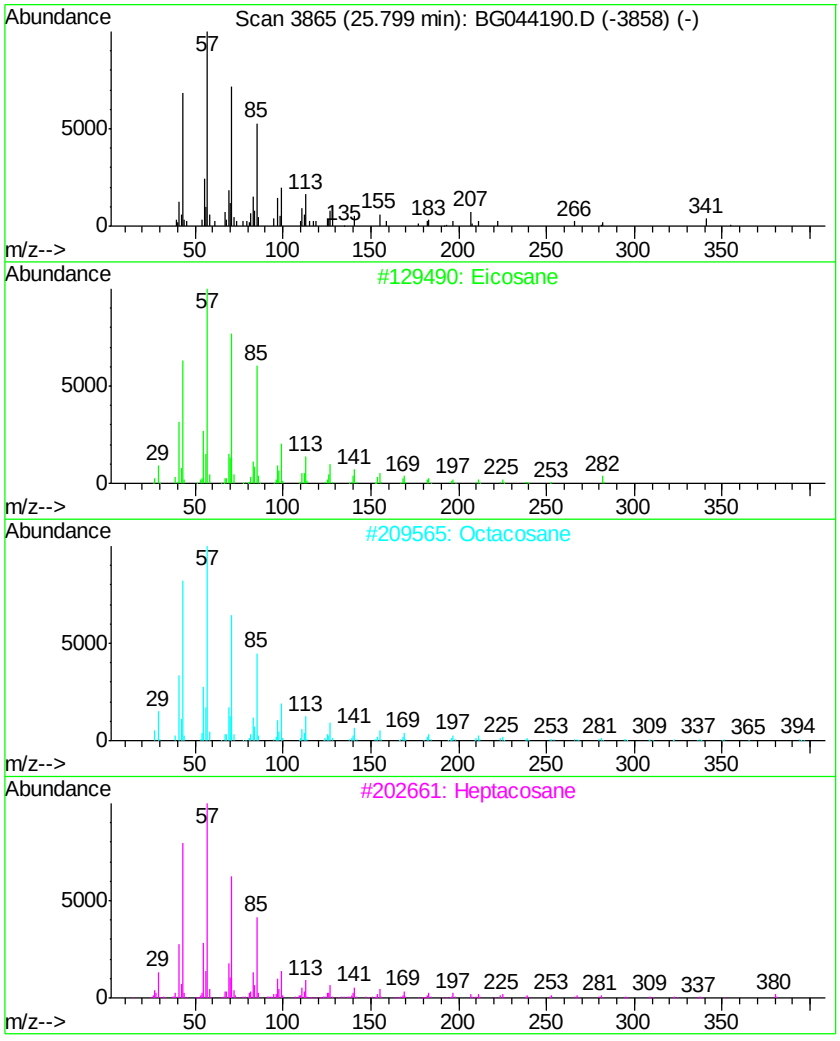
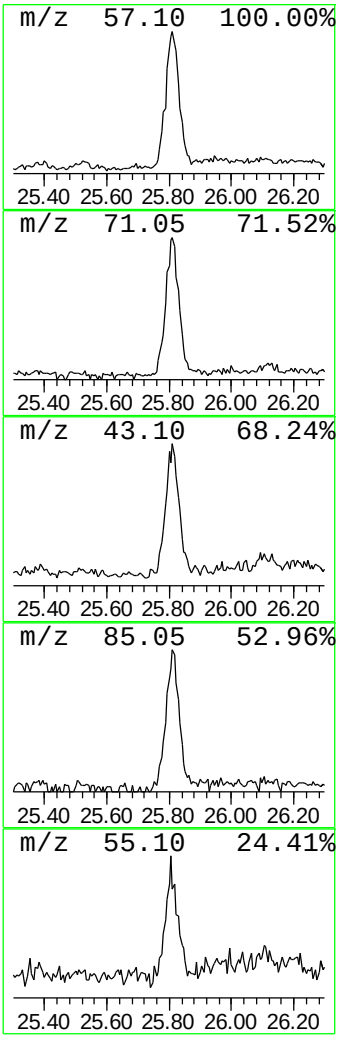
Peak Number 5 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	2.08 ng	136992	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane	240	C17H36	000629-78-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012420\
Data File : BG044190.D
Acq On : 24 Jan 2020 20:23
Operator : CG/JU
Sample : L1247-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-6-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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
Oxalic acid, isob...	21.23	4.5	ng	280878	5	21.55	1260550	20.0
Heneicosane	23.03	2.6	ng	163252	5	21.55	1260550	20.0
Eicosane	23.81	2.4	ng	159529	6	24.66	1316180	20.0
Octacosane	25.80	2.1	ng	136992	6	24.66	1316180	20.0