LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044535.D
Acq On : 21 Feb 2020 00:29
Operator : CG/JU
Sample : L1587-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0170-COMP-SL-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	5.456	395	403	417	rBV	818981	1371584	51.58%	8.367%
2	7.054	665	675	691	rBV	820845	1478862	55.61%	9.021%
3	7.883	808	816	824	rBV	179715	308297	11.59%	1.881%
4	8.200	863	870	881	rBV	614150	1102103	41.44%	6.723%
5	9.034	1004	1012	1031	rBV	471292	888639	33.42%	5.421%
6	10.680	1283	1292	1309	rBV	224766	437662	16.46%	2.670%
7	13.141	1704	1711	1728	rBV	1141912	1794381	67.48%	10.946%
8	13.976	1846	1853	1865	rBV	65389	113403	4.26%	0.692%
9	14.522	1938	1946	1961	rVB2	389066	637829	23.98%	3.891%
10	16.009	2193	2199	2215	rBV	982722	1608060	60.47%	9.809%
11	17.025	2365	2372	2380	rBV3	15257	31701	1.19%	0.193%
12	17.266	2406	2413	2423	rBV	508149	787226	29.60%	4.802%
13	19.881	2852	2858	2872	rBV	1927283	2659303	100.00%	16.222%
14	21.179	3075	3079	3087	rVV3	79127	139789	5.26%	0.853%
15	21.250	3087	3091	3101	rVB	29502	59152	2.22%	0.361%
16	21.508	3128	3135	3150	rBV	582941	964815	36.28%	5.885%
17	21.708	3165	3169	3175	rVB	49923	68982	2.59%	0.421%
18	22.295	3263	3269	3275	rBV	72494	119817	4.51%	0.731%
19	22.953	3374	3381	3389	rVB	95125	171365	6.44%	1.045%
20	23.717	3504	3511	3520	rVB	85391	180457	6.79%	1.101%
21	24.575	3646	3657	3676	rBV2	371956	1205102	45.32%	7.351%
22	25.691	3838	3847	3857	rVB2	47840	146251	5.50%	0.892%
23	26.972	4057	4065	4076	rVB4	25610	79030	2.97%	0.482%
24	28.512	4322	4327	4342	rVB4	11850	39381	1.48%	0.240%

Sum of corrected areas: 16393191

LSC Report - Integrated Chromatogram

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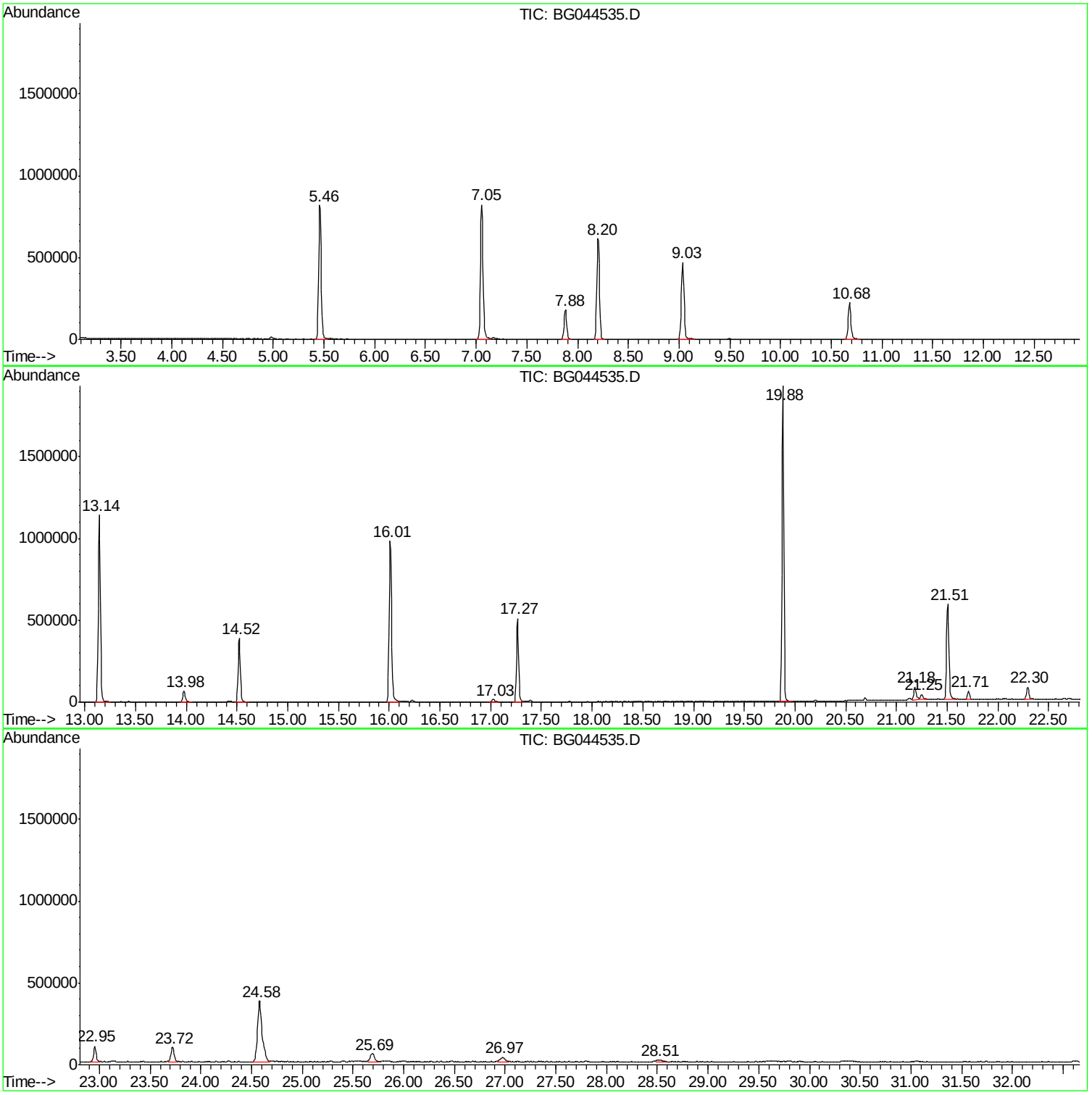
Sample : L1587-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0170-COMP-SL-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

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Data File : BG044535.D
Acq On : 21 Feb 2020 00:29
Operator : CG/JU
Sample : L1587-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0170-COMP-SL-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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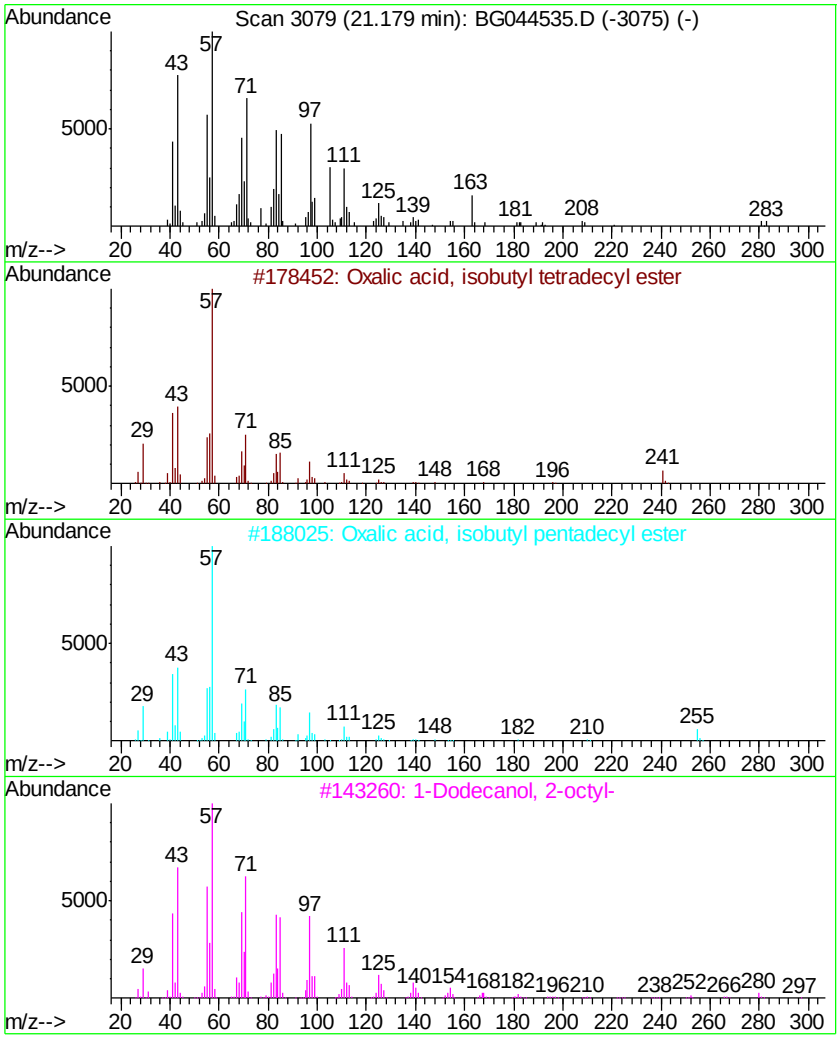
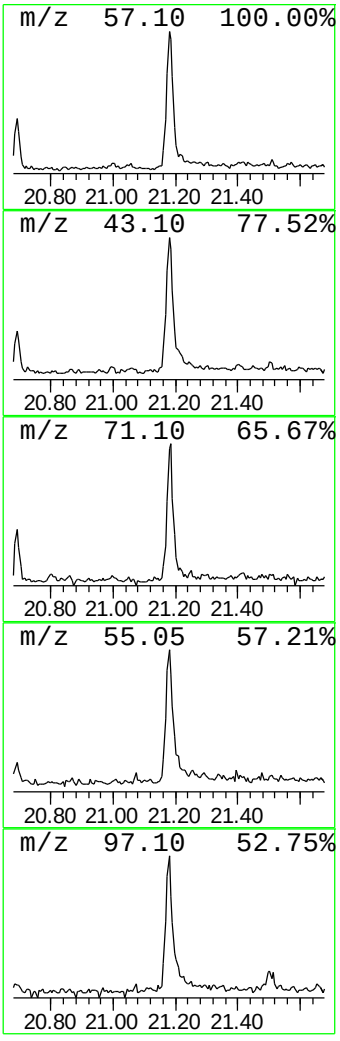
Peak Number 2 Oxalic acid, isobutyl tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	2.90 ng	139789	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	87
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	83
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	83
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	74
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	74





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Instrument : BNA_G
ClientSampleId : 0170-COMP-SL-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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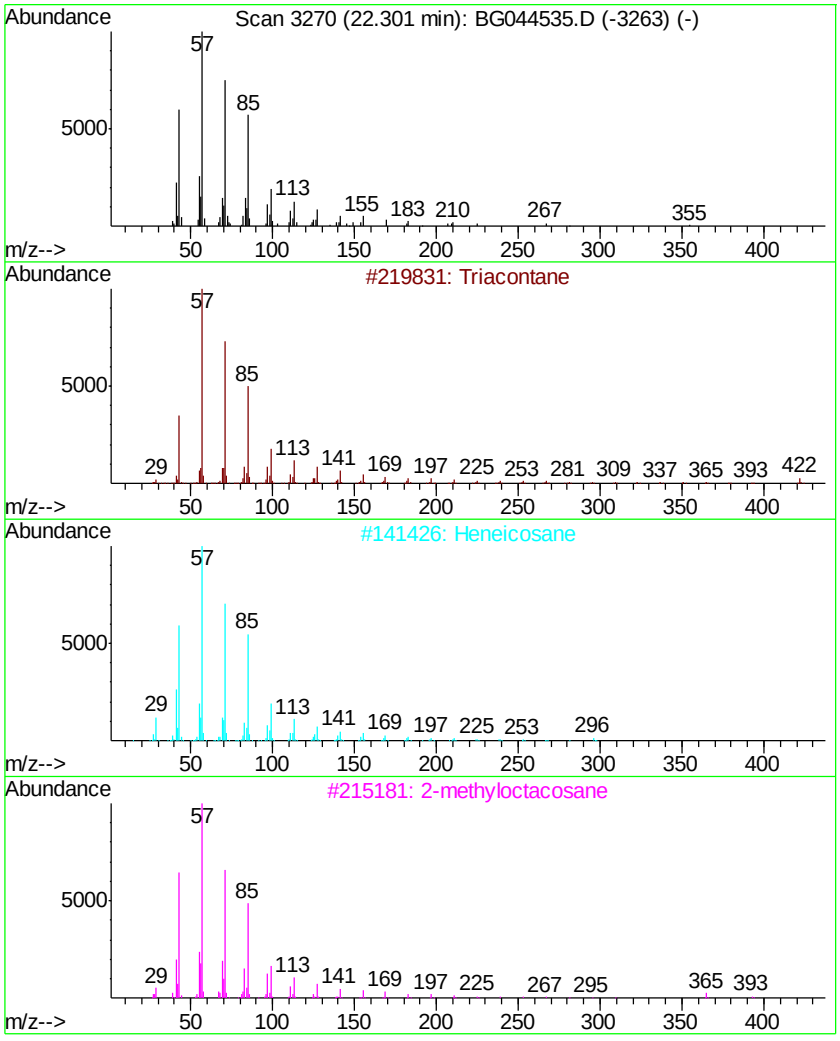
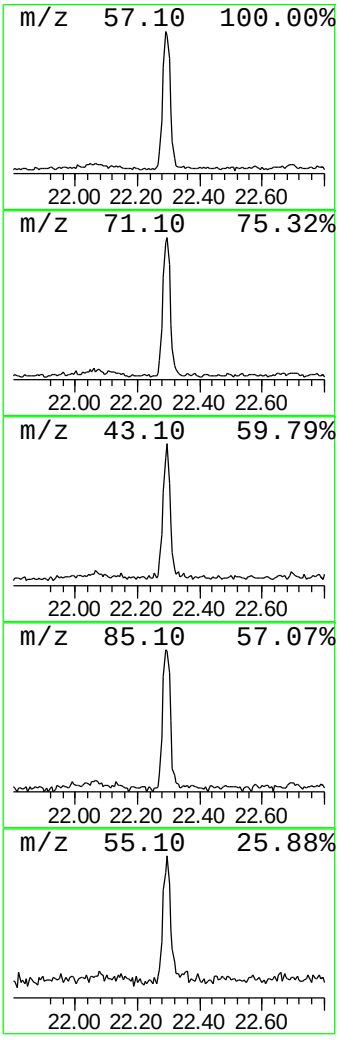
Peak Number 3 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	2.48 ng	119817	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Data File : BG044535.D
Acq On : 21 Feb 2020 00:29
Operator : CG/JU
Sample : L1587-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0170-COMP-SL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
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TIC Library : C:\Database\NIST11.L
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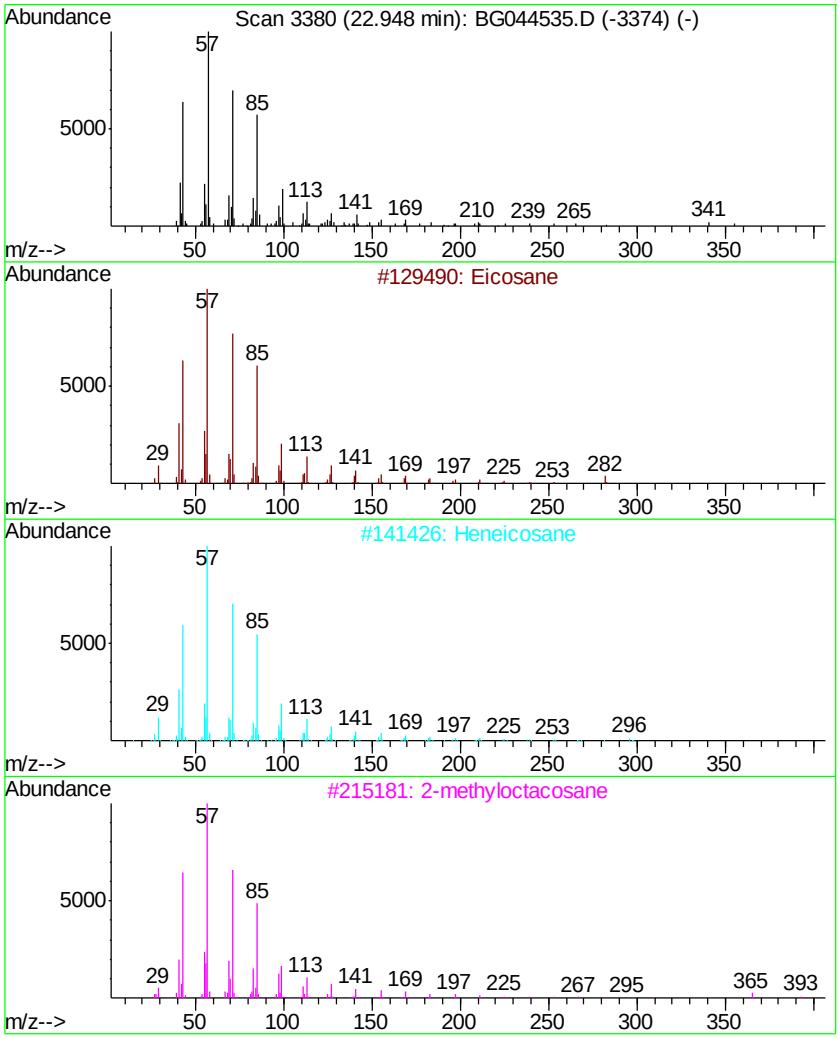
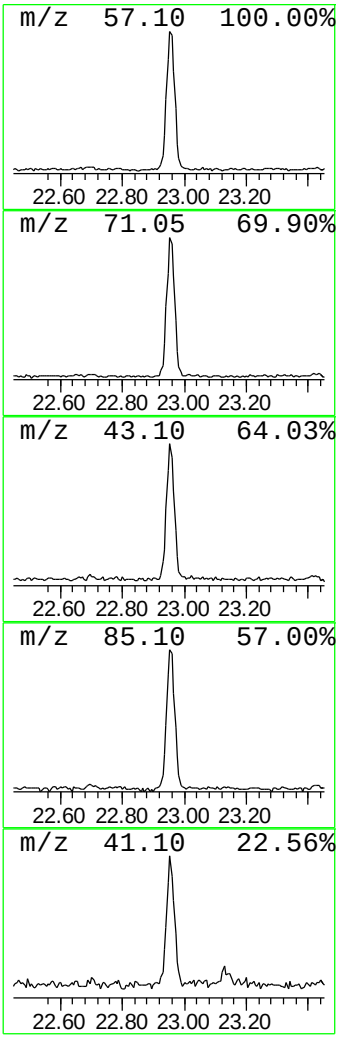
Peak Number 4 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	3.55 ng	171365	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

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Sample : L1587-01
Misc :
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Instrument : BNA_G
ClientSampleId : 0170-COMP-SL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
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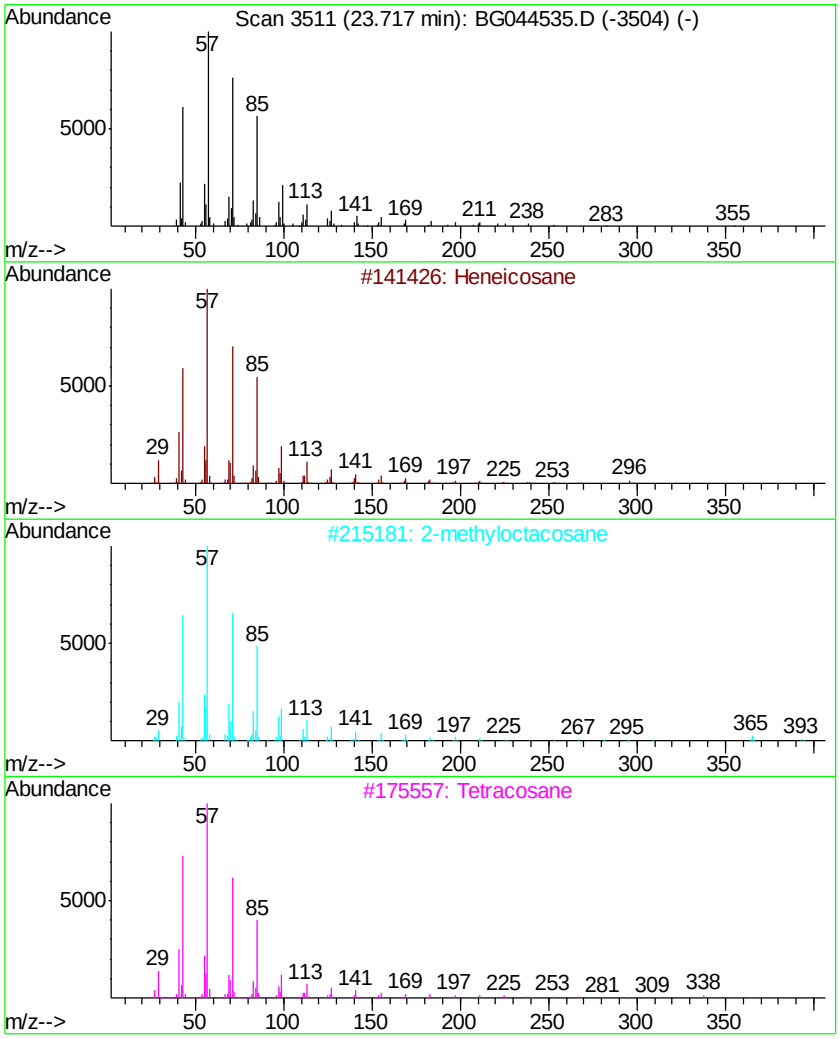
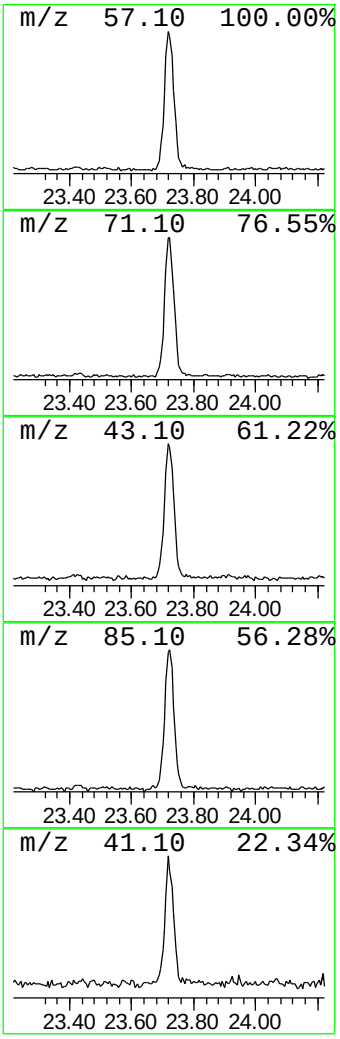
Peak Number 5 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.72	2.99 ng	180457	Perylene-d12	24.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022020\
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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
Oxalic acid, isob...	21.18	2.9	ng	139789	5	21.51	964815	20.0
Triacontane	22.30	2.5	ng	119817	5	21.51	964815	20.0
Eicosane	22.95	3.5	ng	171365	5	21.51	964815	20.0
Heneicosane	23.72	3.0	ng	180457	6	24.58	1205100	20.0