LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044501.D
Acq On : 19 Feb 2020 22:42
Operator : CG/JU
Sample : L1575-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-A-D

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	5.470	398	405	418	rBV	943694	1564290	40.98%	8.147%
2	7.068	668	677	696	rBV	891002	1636171	42.86%	8.521%
3	7.891	809	817	825	rBV	214073	362351	9.49%	1.887%
4	8.214	864	872	882	rBV	787302	1353815	35.47%	7.051%
5	9.048	1005	1014	1033	rBV	530767	1023521	26.81%	5.331%
6	10.688	1286	1293	1310	rBV	253031	489219	12.82%	2.548%
7	13.149	1705	1712	1734	rBV	1454857	2356985	61.75%	12.276%
8	13.990	1849	1855	1868	rBV	33981	61639	1.61%	0.321%
9	14.530	1940	1947	1958	rBV	432770	695997	18.23%	3.625%
10	16.022	2194	2201	2223	rBV	907359	1794184	47.00%	9.344%
11	17.274	2407	2414	2428	rBV	557617	889519	23.30%	4.633%
12	19.888	2853	2859	2872	rBV	2773552	3817240	100.00%	19.881%
13	21.193	3076	3081	3089	rBV3	105004	225768	5.91%	1.176%
14	21.263	3090	3093	3098	rVB	23379	41300	1.08%	0.215%
15	21.516	3130	3136	3151	rBV	619035	1051908	27.56%	5.479%
16	21.722	3166	3171	3179	rBV2	55547	82582	2.16%	0.430%
17	22.309	3265	3271	3276	rBV	75479	125805	3.30%	0.655%
18	22.973	3378	3384	3391	rVB	82061	149507	3.92%	0.779%
19	23.743	3508	3515	3523	rVB	70053	150975	3.96%	0.786%
20	24.601	3651	3661	3680	rVB2	379796	1209357	31.68%	6.299%
21	25.717	3844	3851	3862	rVB3	38664	118432	3.10%	0.617%

Sum of corrected areas: 19200565

LSC Report - Integrated Chromatogram

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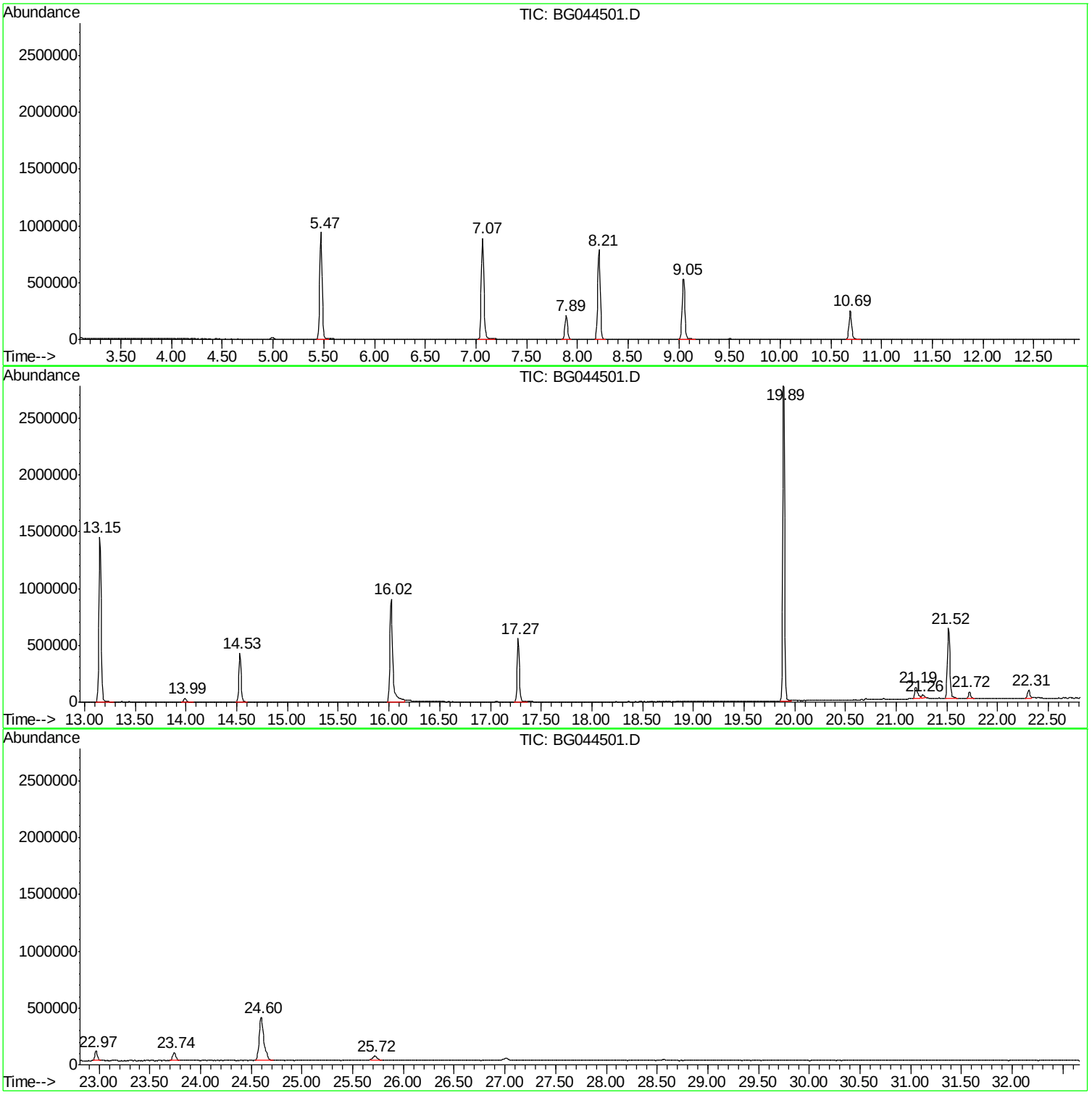
Sample : L1575-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-A-D

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044501.D
Acq On : 19 Feb 2020 22:42
Operator : CG/JU
Sample : L1575-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-A-D

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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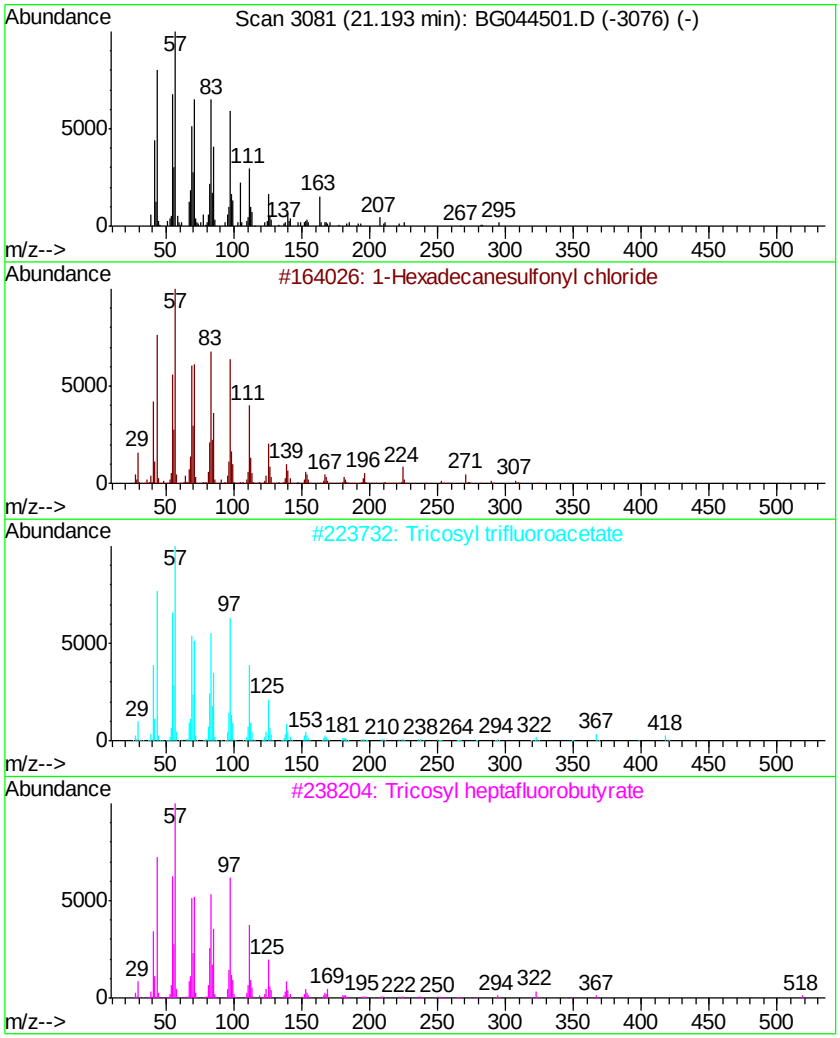
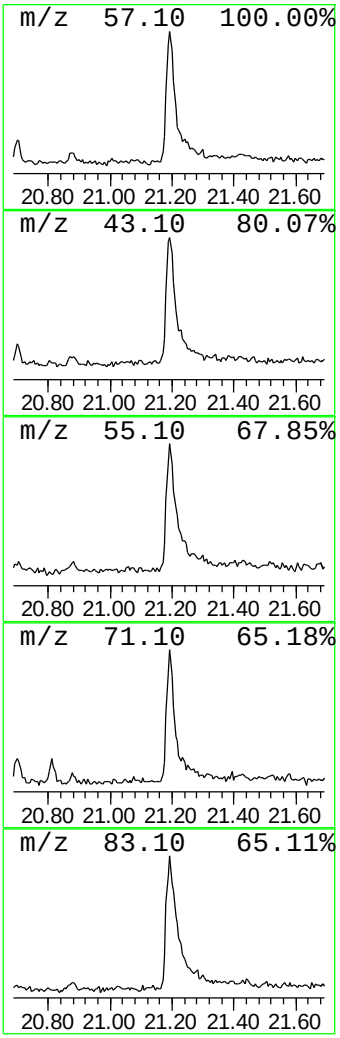
Peak Number 2 1-Hexadecanesulfonyl chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	4.29 ng	225768	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	83
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	83
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044501.D
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Operator : CG/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-A-D

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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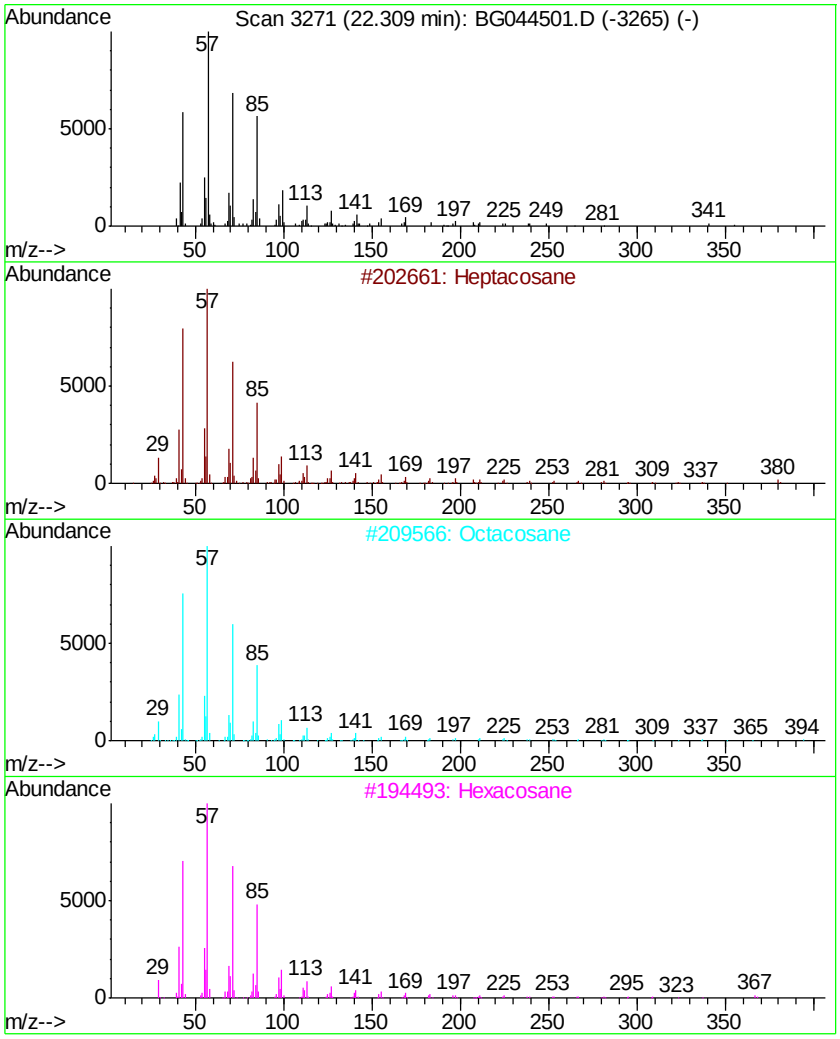
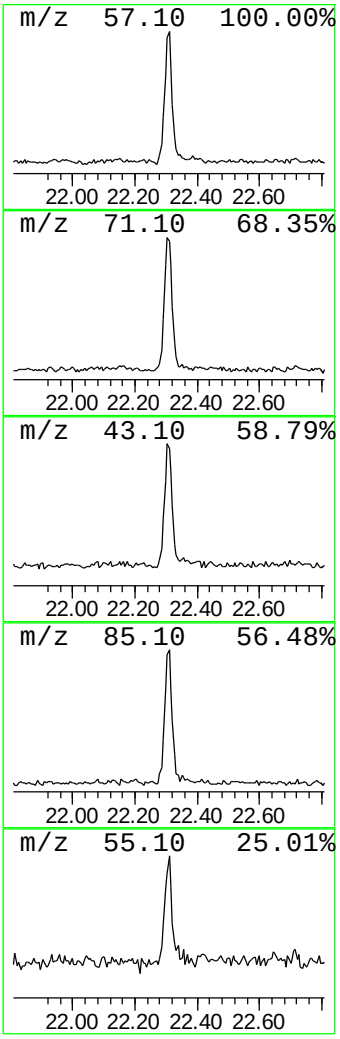
Peak Number 3 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	2.39 ng	125805	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane	338	C24H50	000646-31-1	90





Library Search Compound Report

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Data File : BG044501.D
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Operator : CG/JU
Sample : L1575-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-A-D

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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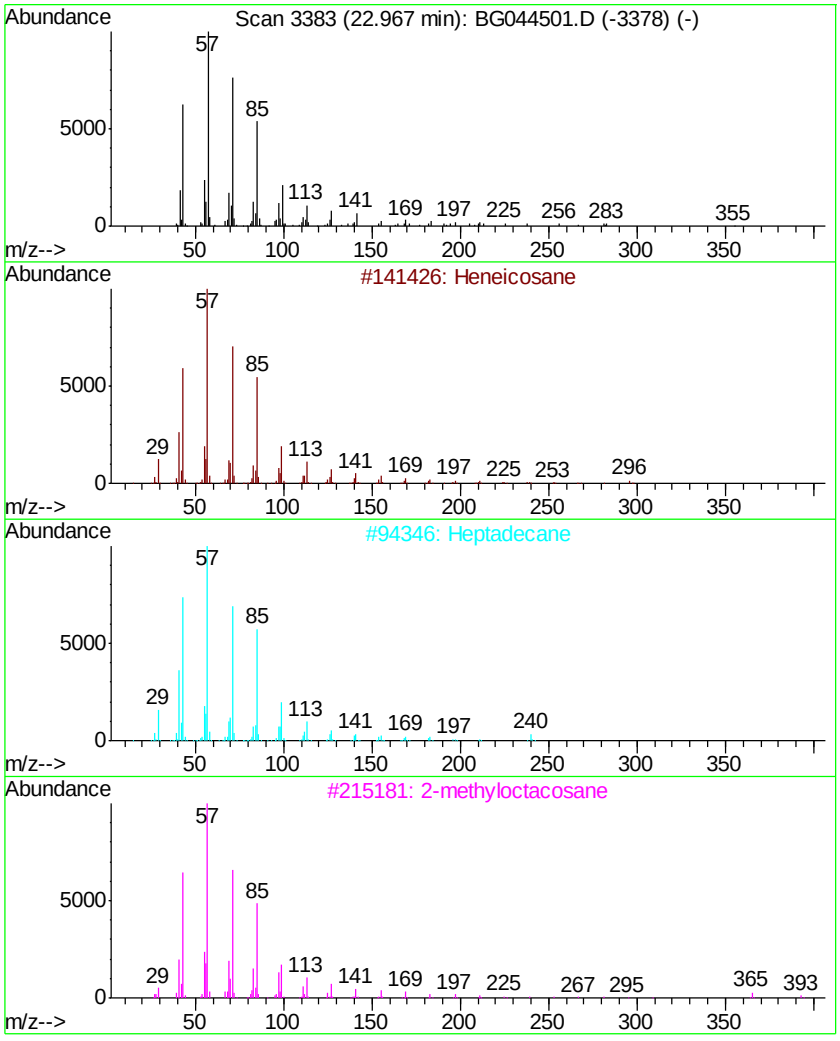
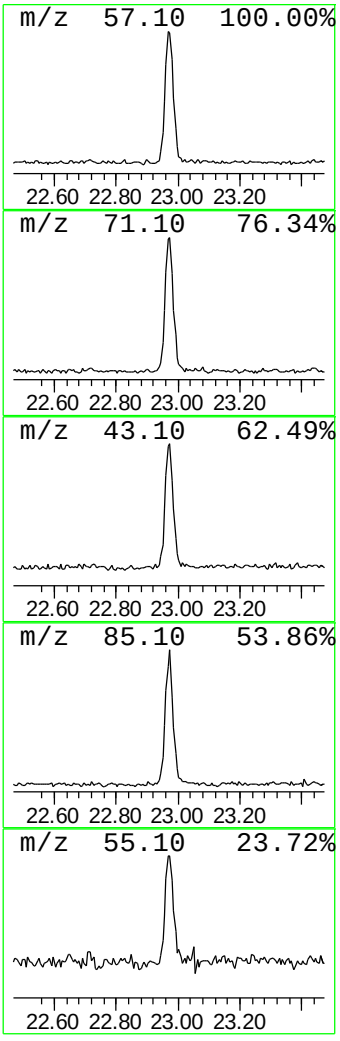
Peak Number 4 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	2.84 ng	149507	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Sample : L1575-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-A-D

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
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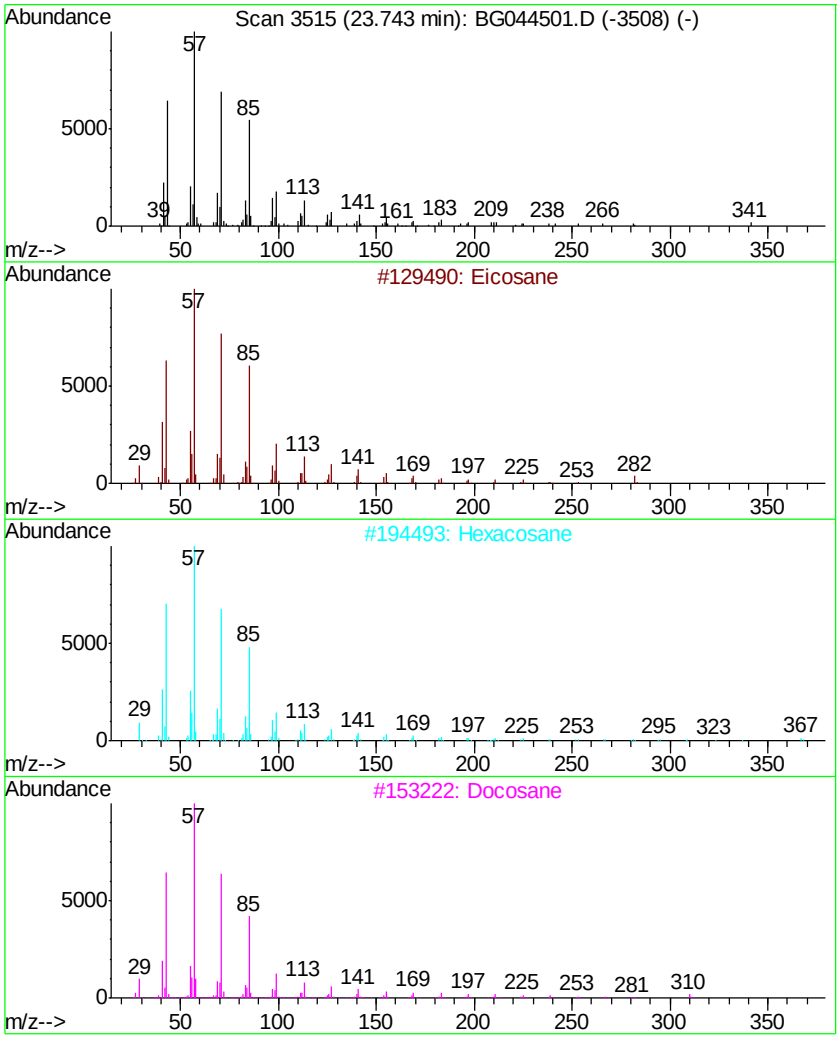
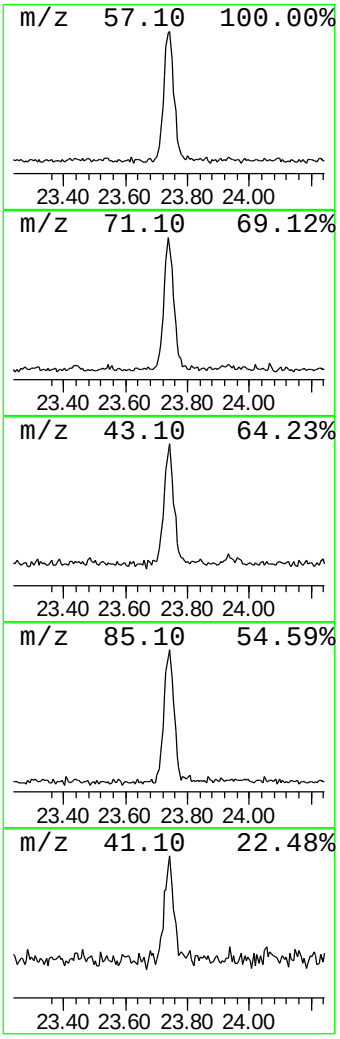
Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.50 ng	150975	Perylene-d12	24.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Docosane	310	C22H46	000629-97-0	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021920\
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Acq On : 19 Feb 2020 22:42
Operator : CG/JU
Sample : L1575-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-A-D

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexadecanesulfo...	21.19	4.3	ng	225768	5	21.52	1051910	20.0
Heptacosane	22.31	2.4	ng	125805	5	21.52	1051910	20.0
Heneicosane	22.97	2.8	ng	149507	5	21.52	1051910	20.0
Eicosane	23.74	2.5	ng	150975	6	24.60	1209360	20.0