LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044185.D
Acq On : 24 Jan 2020 17:07
Operator : CG/JU
Sample : L1246-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2

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	427	rBV	1040872	1711510	40.78%	7.239%
2	7.098	671	682	702	rBV	1086415	1999727	47.65%	8.458%
3	7.926	816	823	832	rBV	252813	440968	10.51%	1.865%
4	8.255	870	879	893	rBV	828102	1485643	35.40%	6.284%
5	9.084	1011	1020	1035	rBV	667221	1211323	28.86%	5.123%
6	10.729	1292	1300	1313	rBV	349888	667692	15.91%	2.824%
7	13.185	1711	1718	1740	rBV	1819536	3076829	73.31%	13.014%
8	13.467	1760	1766	1773	rBV	32689	53629	1.28%	0.227%
9	14.013	1853	1859	1869	rBV	296704	484616	11.55%	2.050%
10	14.565	1946	1953	1968	rBV	622505	1028423	24.50%	4.350%
11	16.052	2199	2206	2224	rBV	1374613	2264259	53.95%	9.577%
12	17.309	2413	2420	2433	rBV	726640	1191836	28.40%	5.041%
13	19.072	2714	2720	2728	rBV4	43337	105794	2.52%	0.447%
14	19.924	2858	2865	2875	rBV	3149162	4196920	100.00%	17.752%
15	20.241	2915	2919	2923	rBV2	42301	47803	1.14%	0.202%
16	20.735	2998	3003	3007	rBV	35379	45613	1.09%	0.193%
17	21.228	3083	3087	3108	rBV	87171	238520	5.68%	1.009%
18	21.551	3135	3142	3152	rBV	712985	1241300	29.58%	5.250%
19	21.763	3174	3178	3183	rBV3	38154	50727	1.21%	0.215%
20	22.356	3273	3279	3283	rBV2	55427	89240	2.13%	0.377%
21	23.026	3387	3393	3403	rVB2	73310	135574	3.23%	0.573%
22	23.208	3418	3424	3433	rVB	86100	162134	3.86%	0.686%
23	23.802	3519	3525	3535	rVB	81531	174168	4.15%	0.737%
24	24.659	3660	3671	3679	rBV2	439270	1285493	30.63%	5.437%
25	25.811	3857	3867	3878	rBV2	58563	173476	4.13%	0.734%
26	27.109	4083	4088	4099	rVB4	26028	79333	1.89%	0.336%

Sum of corrected areas: 23642550

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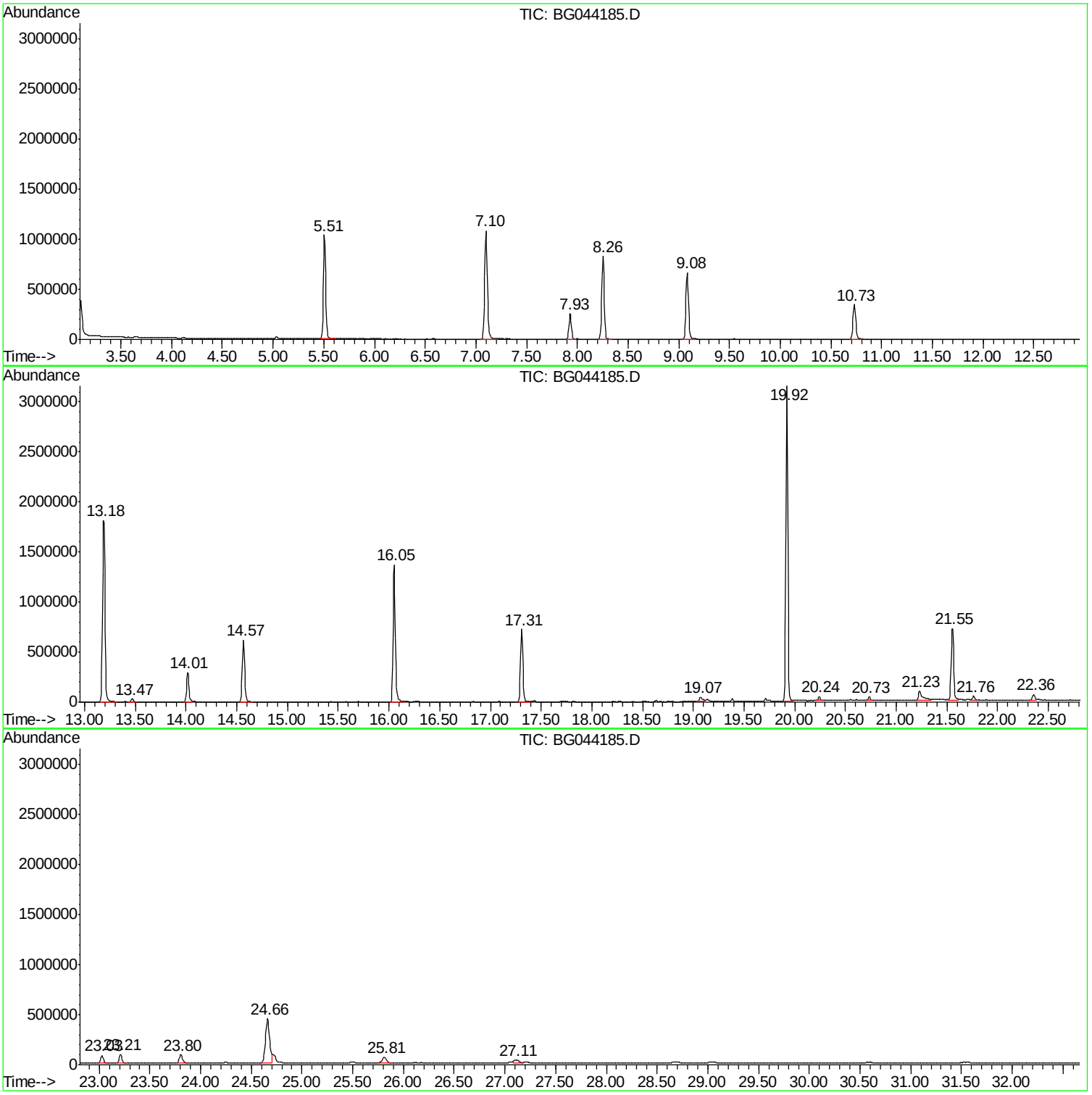
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044185.D
Acq On : 24 Jan 2020 17:07
Operator : CG/JU
Sample : L1246-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2

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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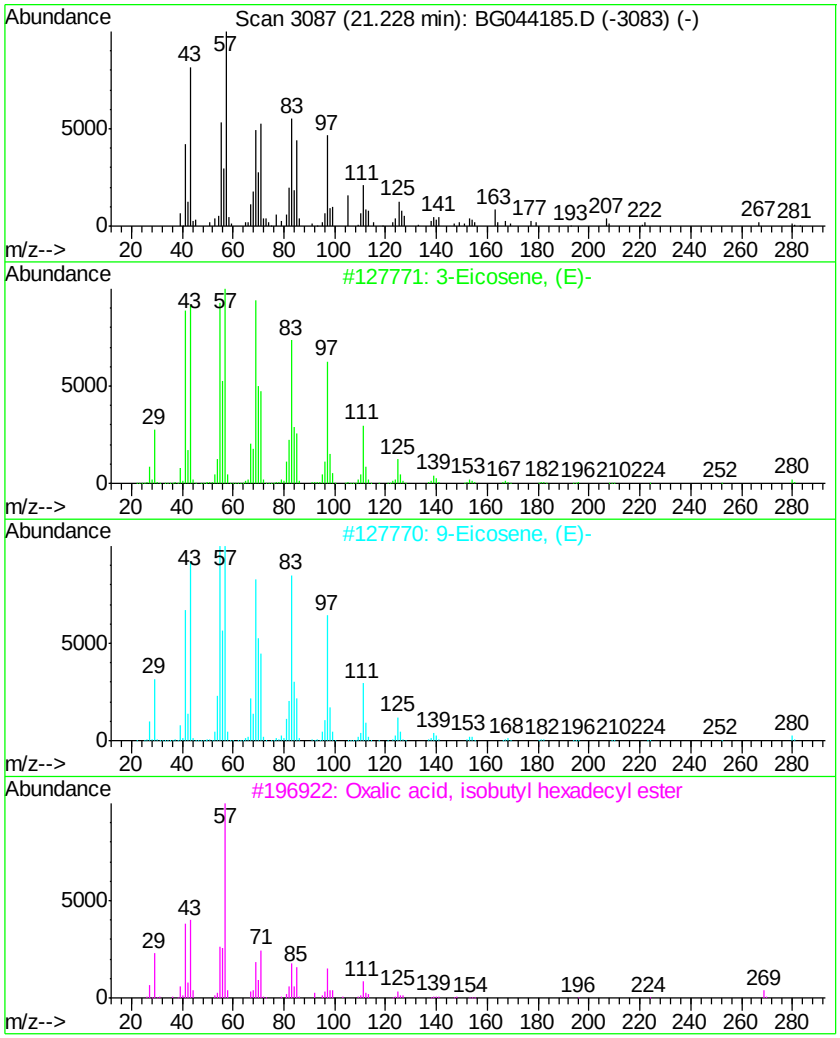
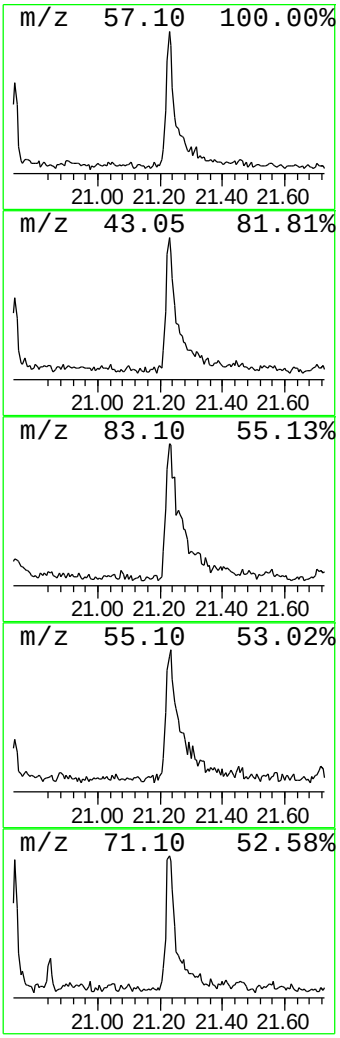
Peak Number 2 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	3.84 ng	238520	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	87
5	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044185.D
Acq On : 24 Jan 2020 17:07
Operator : CG/JU
Sample : L1246-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2

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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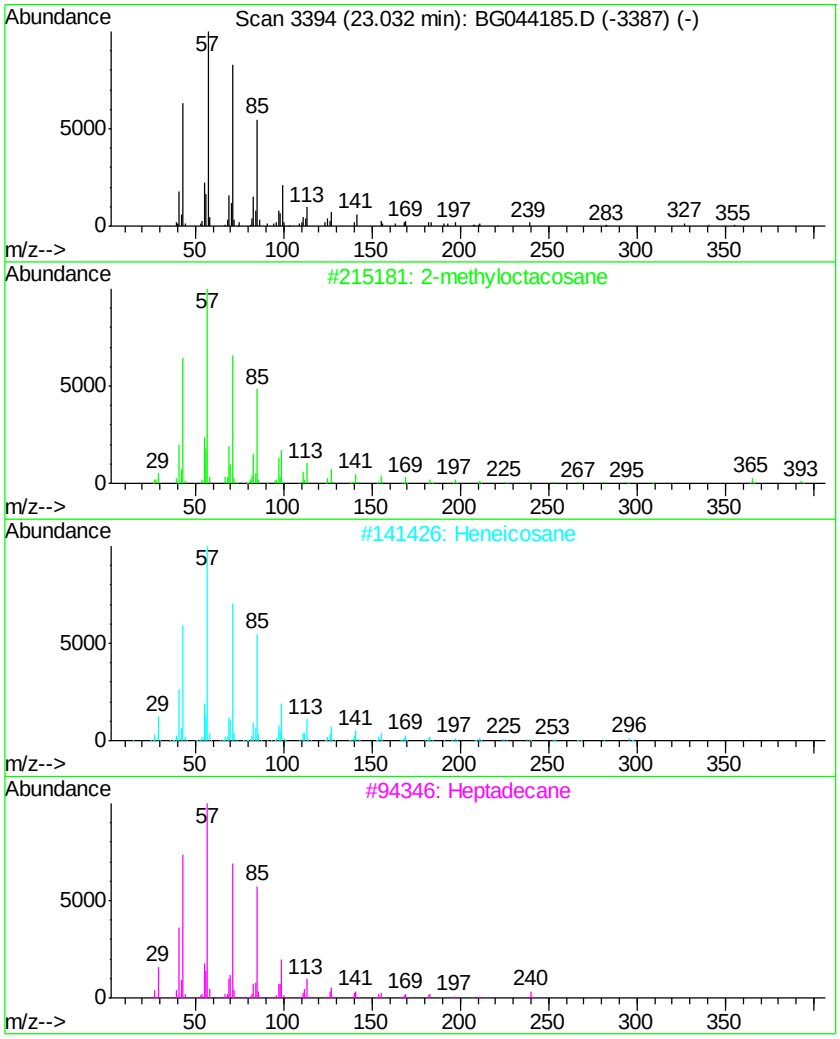
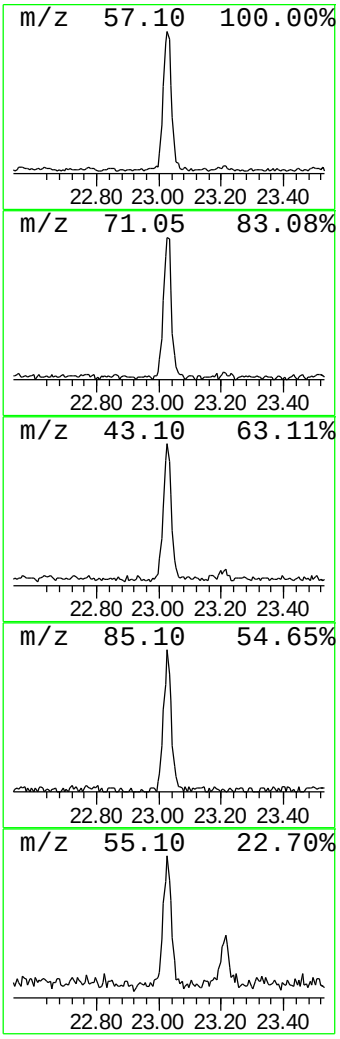
Peak Number 3 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	2.18 ng	135574	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octadecane	254	C18H38	000593-45-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044185.D
Acq On : 24 Jan 2020 17:07
Operator : CG/JU
Sample : L1246-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2

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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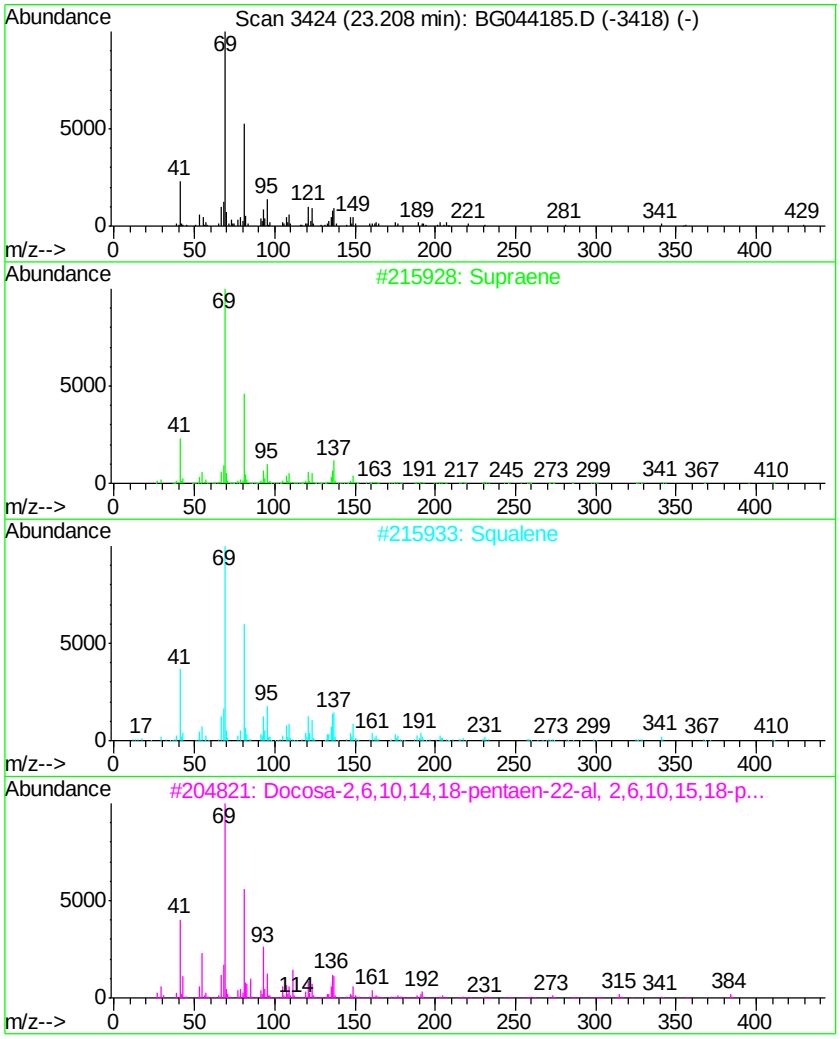
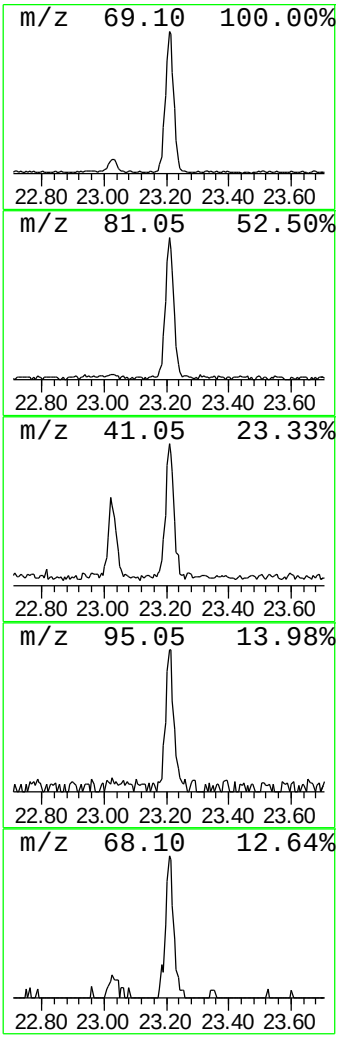
Peak Number 4 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	2.52 ng	162134	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	83
2	Squalene	410	C30H50	000111-02-4	83
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	78
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	78
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044185.D
Acq On : 24 Jan 2020 17:07
Operator : CG/JU
Sample : L1246-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2

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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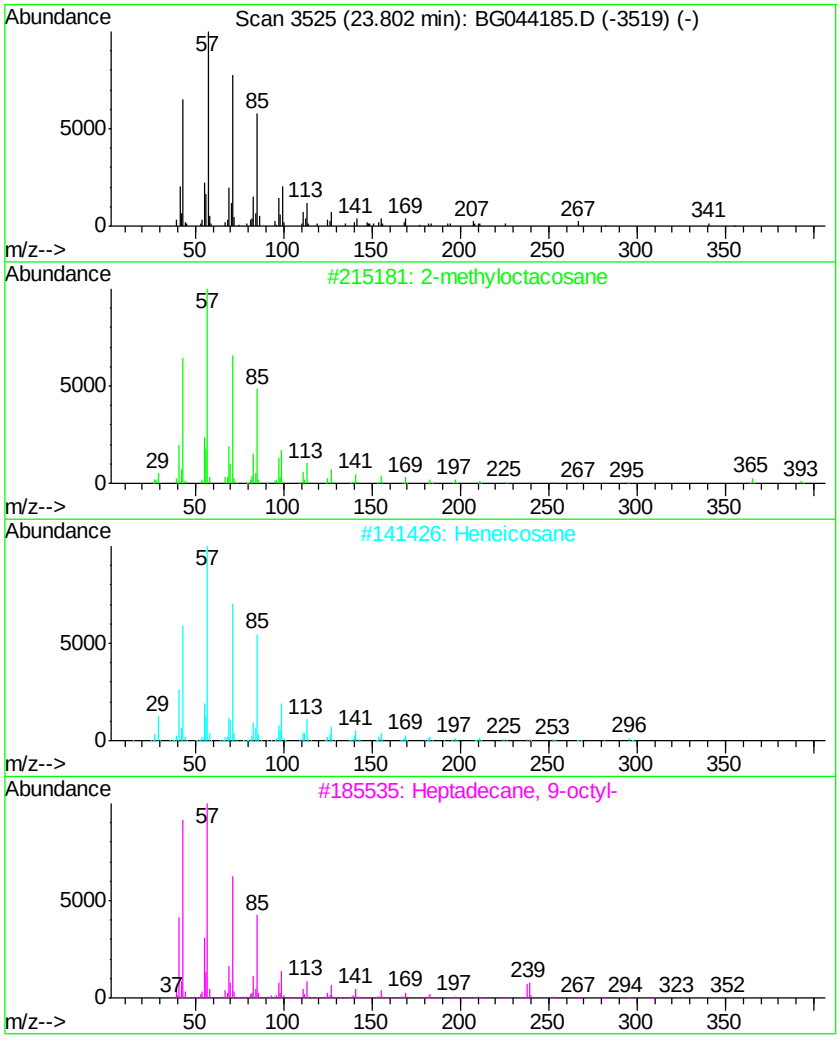
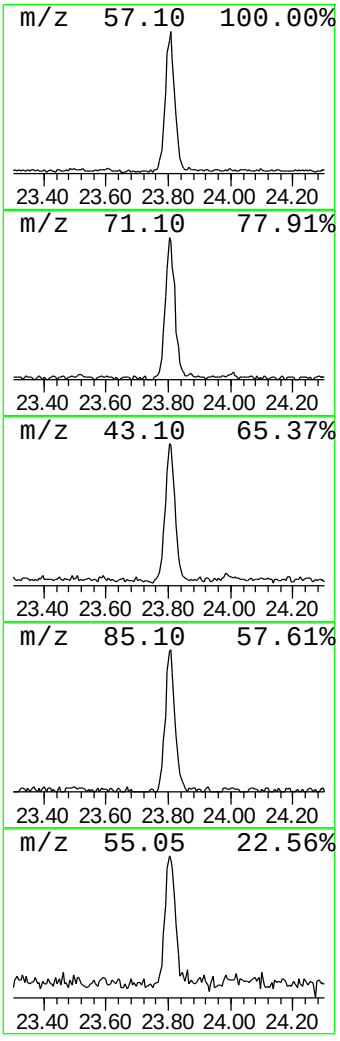
Peak Number 5 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.71 ng	174168	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Eicosane	282	C20H42	000112-95-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044185.D
Acq On : 24 Jan 2020 17:07
Operator : CG/JU
Sample : L1246-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2

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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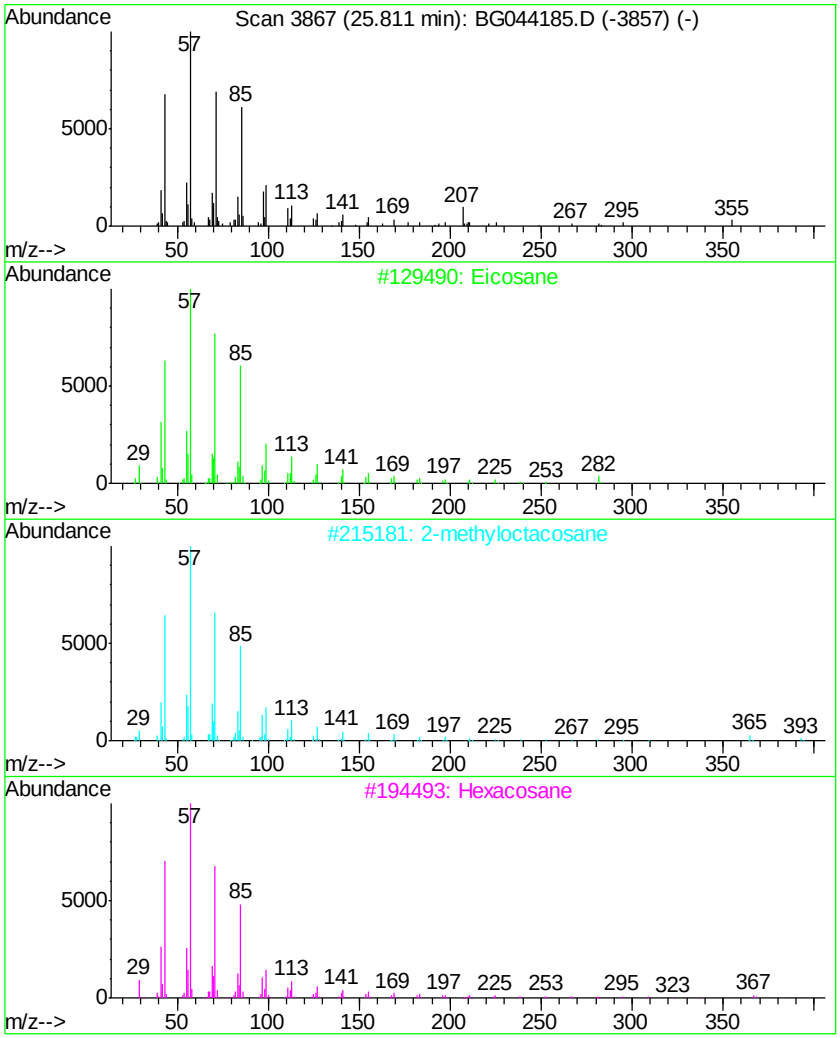
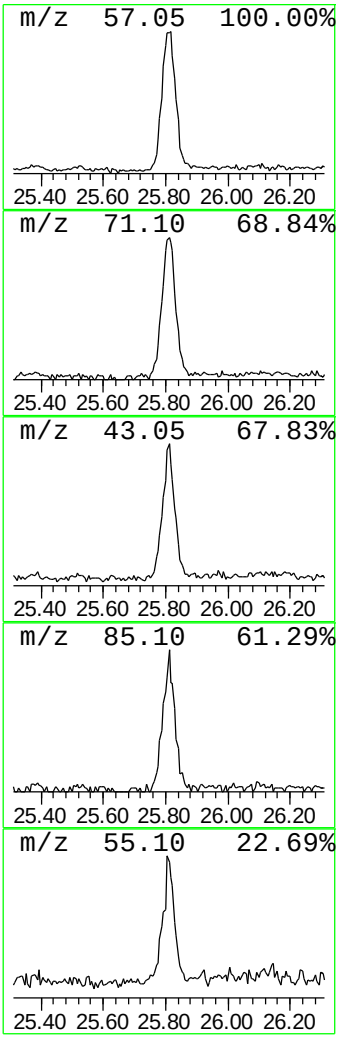
Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	2.70 ng	173476	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heneicosane	296	C21H44	000629-94-7	81
5	Tetratetracontane	619	C44H90	007098-22-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012420\
Data File : BG044185.D
Acq On : 24 Jan 2020 17:07
Operator : CG/JU
Sample : L1246-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2

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
3-Eicosene, (E)-	21.23	3.8	ng	238520	5	21.56	1241300	20.0
2-methyloctacosane	23.03	2.2	ng	135574	5	21.56	1241300	20.0
Supraene	23.21	2.5	ng	162134	6	24.66	1285490	20.0
Heptadecane, 9-oc...	23.80	2.7	ng	174168	6	24.66	1285490	20.0
Eicosane	25.81	2.7	ng	173476	6	24.66	1285490	20.0