LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044276.D
Acq On : 3 Feb 2020 17:22
Operator : CG/JU
Sample : L1345-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 01-31-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	5.491	402	409	422	rBV	1425464	2322204	34.41%	7.430%
2	7.084	671	680	690	rBV	1495078	2679591	39.71%	8.573%
3	7.918	814	822	831	rVB	241724	417049	6.18%	1.334%
4	8.241	869	877	886	rBV	1147185	2004126	29.70%	6.412%
5	9.070	1010	1018	1032	rBV	911411	1676440	24.84%	5.364%
6	10.721	1289	1299	1317	rBV	339657	648658	9.61%	2.075%
7	13.177	1710	1717	1731	rBV	2681506	4316235	63.96%	13.809%
8	14.005	1852	1858	1869	rBV	154065	239321	3.55%	0.766%
9	14.557	1945	1952	1965	rBV	656186	1062583	15.75%	3.400%
10	16.044	2198	2205	2217	rBV	2210397	3495247	51.80%	11.183%
11	17.295	2412	2418	2430	rBV	837115	1308198	19.39%	4.185%
12	19.916	2857	2864	2883	rBV	4852322	6747909	100.00%	21.589%
13	21.214	3080	3085	3096	rBV2	160770	317084	4.70%	1.014%
14	21.543	3134	3141	3156	rBV	811764	1400614	20.76%	4.481%
15	21.755	3172	3177	3183	rBV	86841	121473	1.80%	0.389%
16	22.342	3270	3277	3285	rBV	129441	229510	3.40%	0.734%
17	23.012	3385	3391	3399	rVB	157114	277087	4.11%	0.887%
18	23.788	3515	3523	3533	rBV2	145939	323017	4.79%	1.033%
19	24.645	3658	3669	3676	rBV3	400596	1276254	18.91%	4.083%
20	25.785	3854	3863	3877	rVB2	82343	245767	3.64%	0.786%
21	27.084	4072	4084	4094	rBV5	40126	147666	2.19%	0.472%

Sum of corrected areas: 31256033

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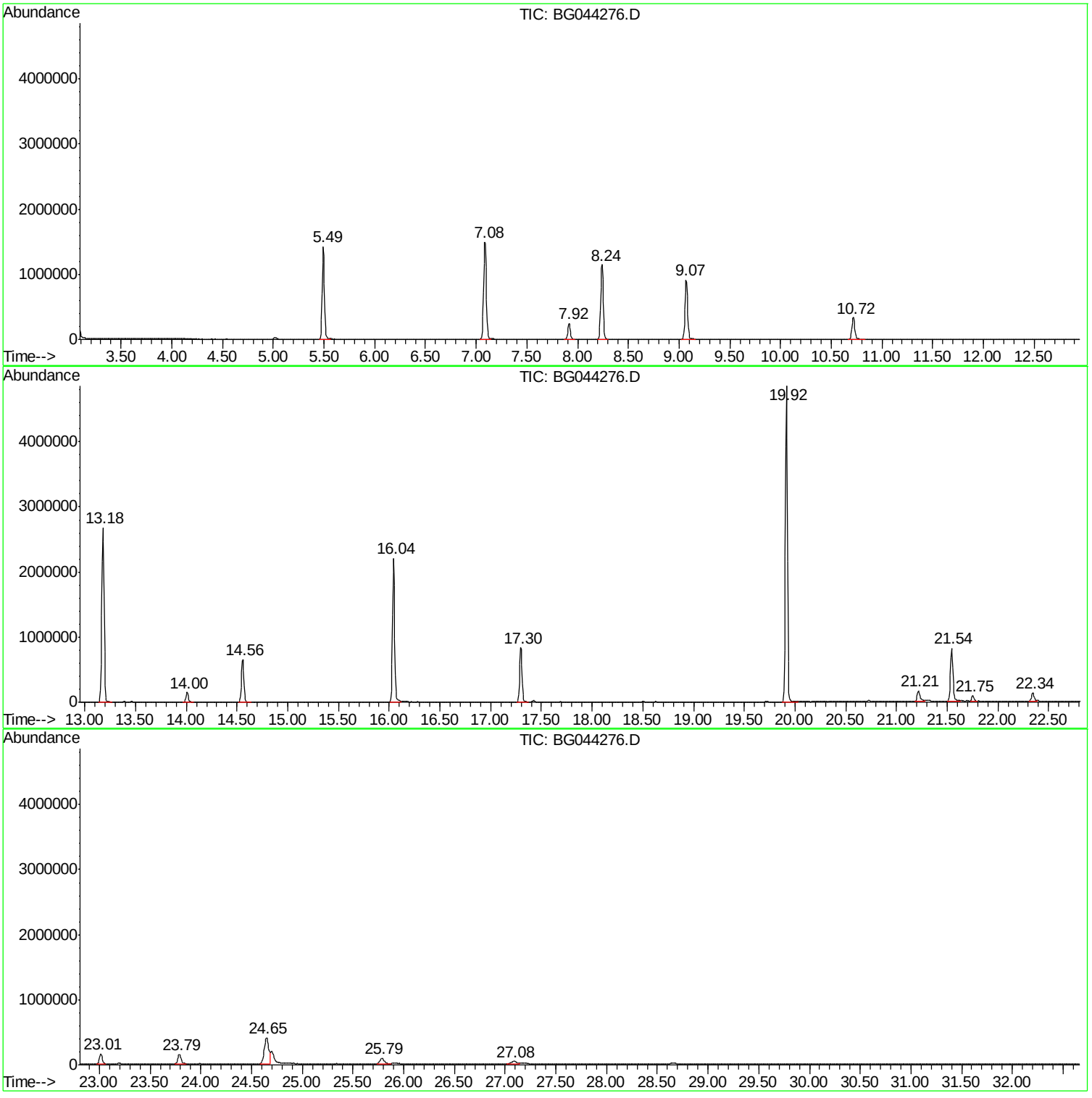
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 01-31-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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044276.D
Acq On : 3 Feb 2020 17:22
Operator : CG/JU
Sample : L1345-04
Misc :
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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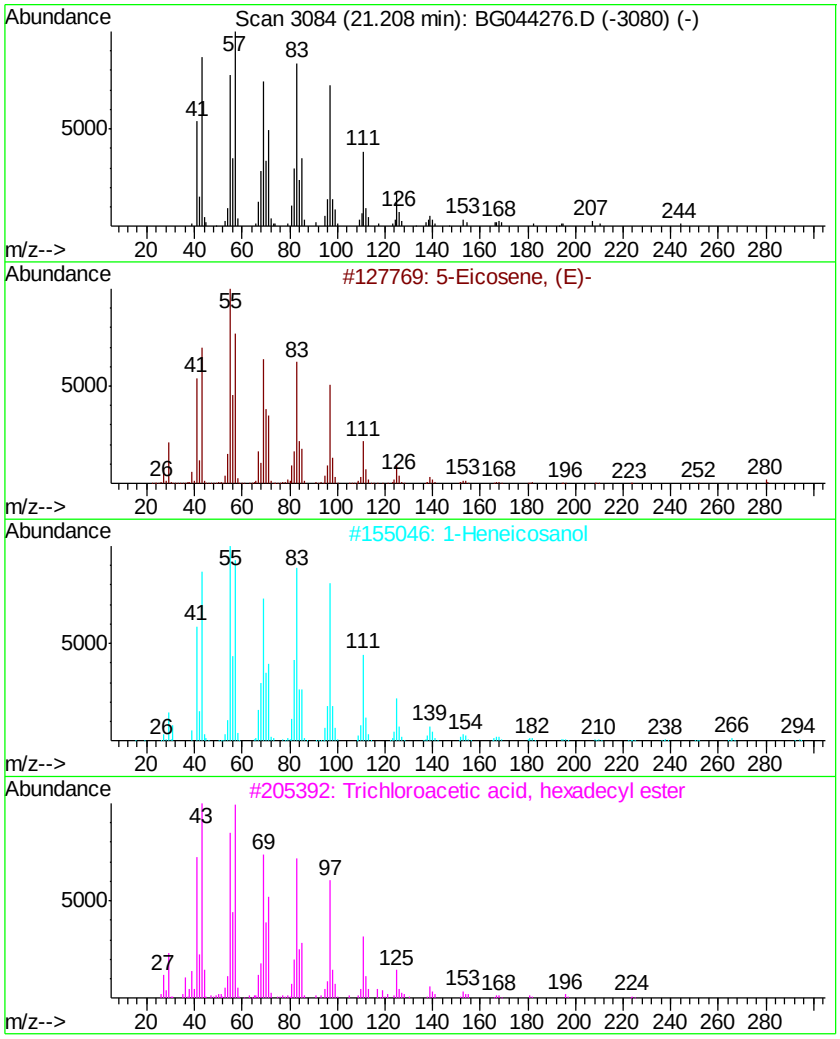
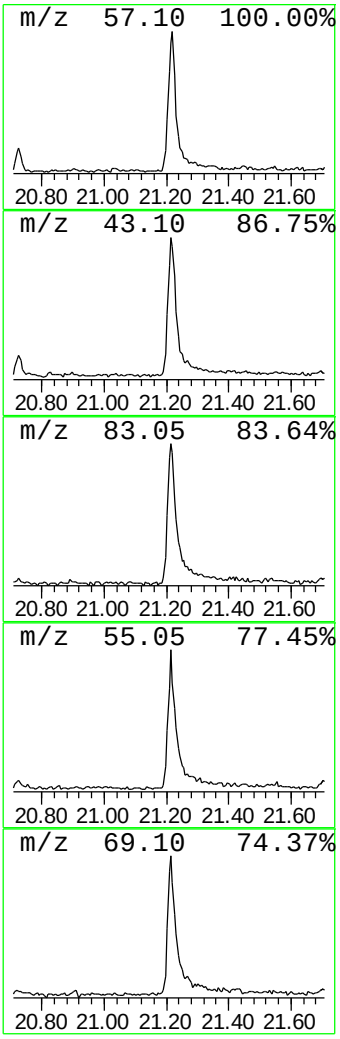
Peak Number 2 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	4.53 ng	317084	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044276.D
Acq On : 3 Feb 2020 17:22
Operator : CG/JU
Sample : L1345-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 01-31-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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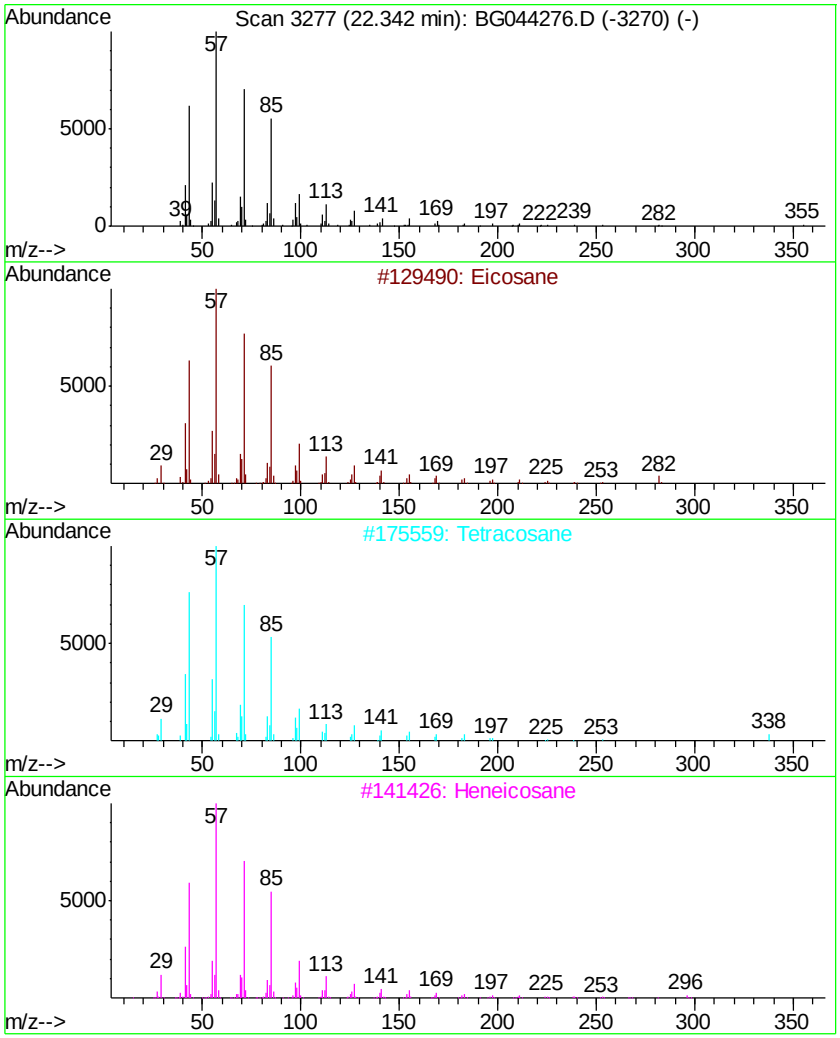
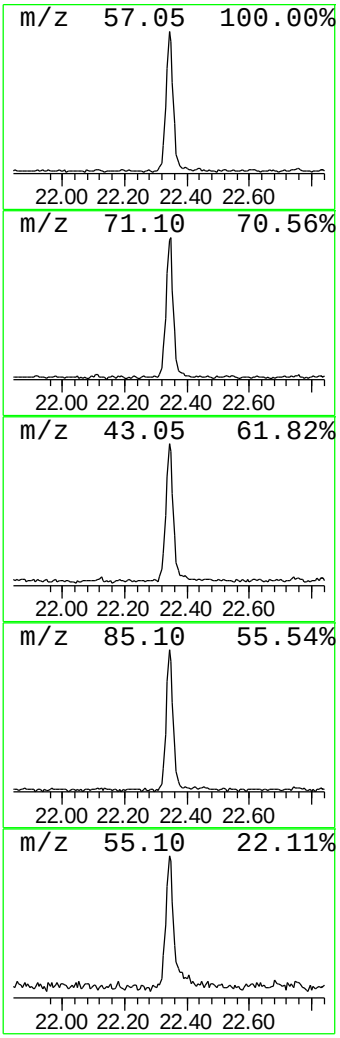
Peak Number 3 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	3.28 ng	229510	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetratetracontane	619	C44H90	007098-22-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044276.D
Acq On : 3 Feb 2020 17:22
Operator : CG/JU
Sample : L1345-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 01-31-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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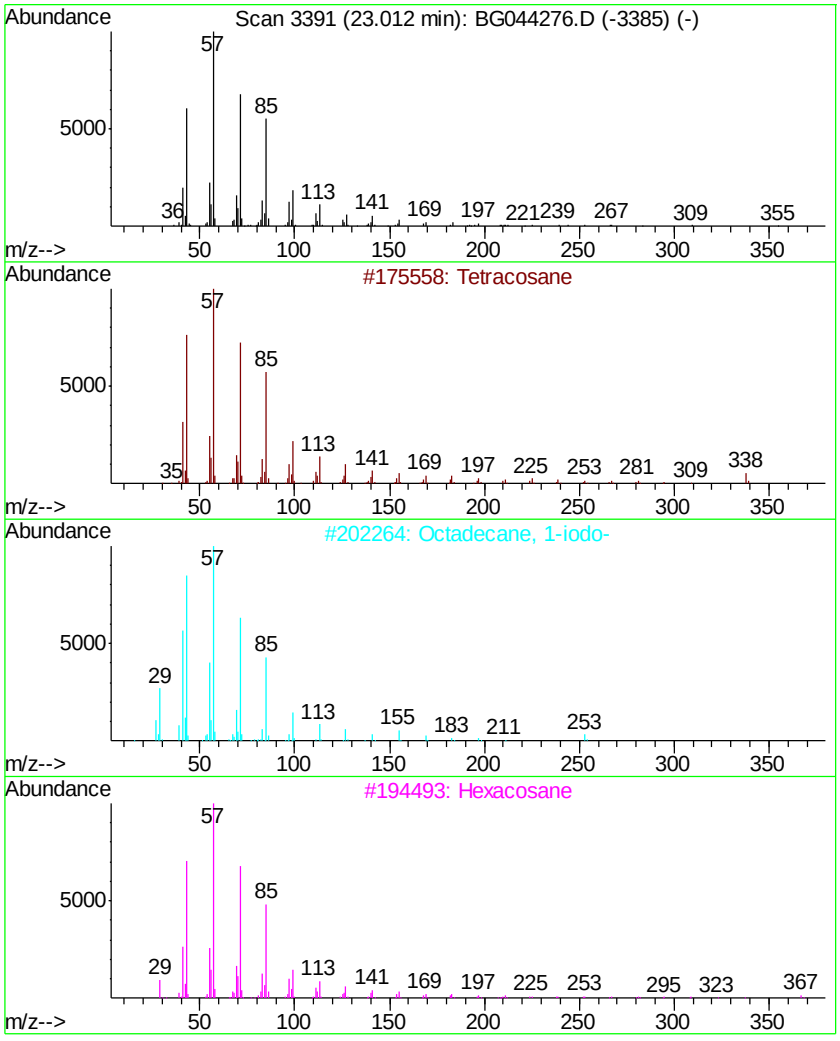
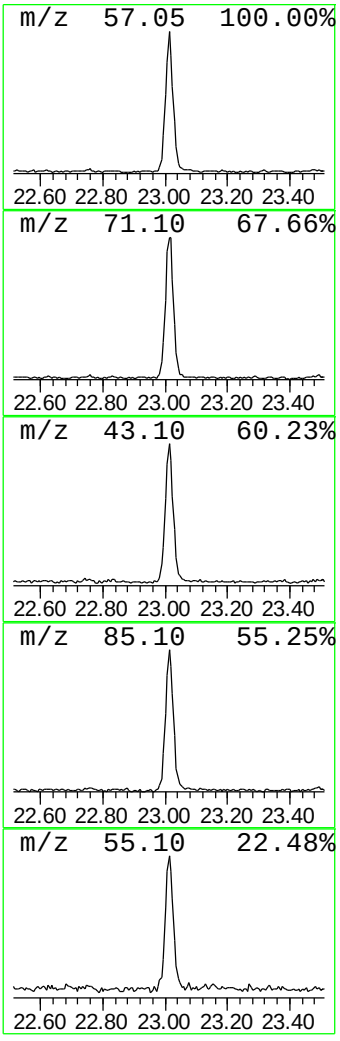
Peak Number 4 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	3.96 ng	277087	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3	Hexacosane	366	C26H54	000630-01-3	81
4	Hexatriacontane	507	C36H74	000630-06-8	74
5	Octacosane	394	C28H58	000630-02-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044276.D
Acq On : 3 Feb 2020 17:22
Operator : CG/JU
Sample : L1345-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 01-31-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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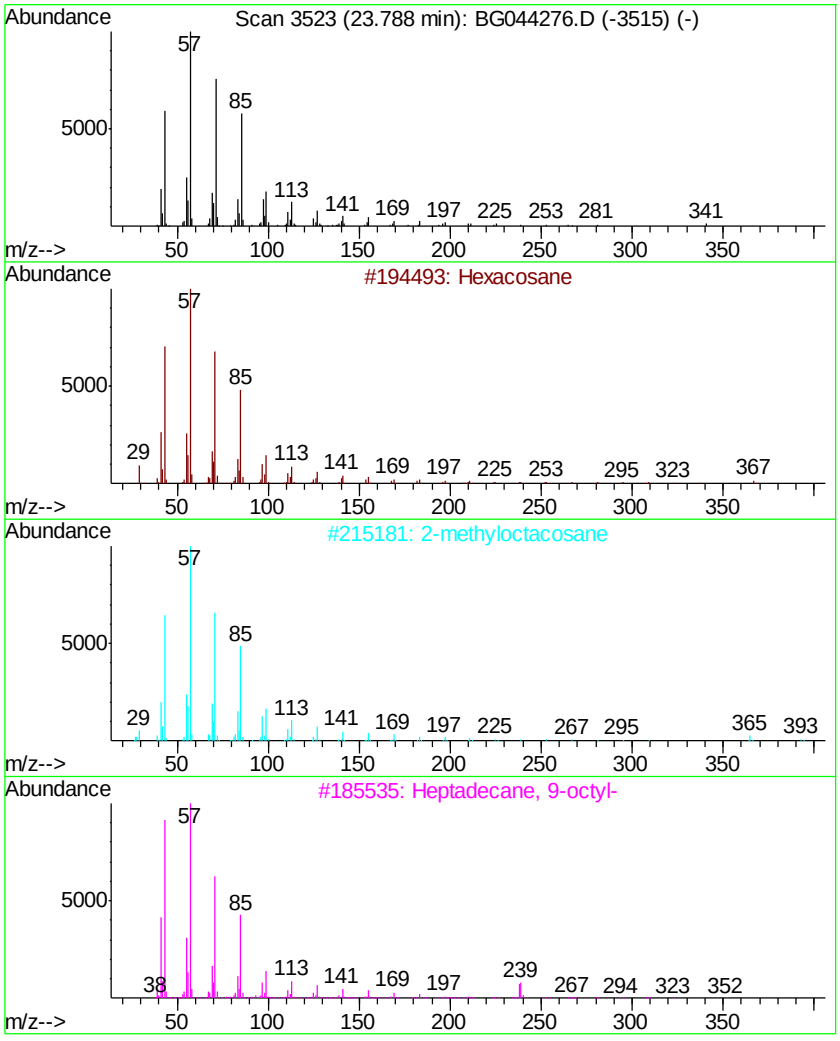
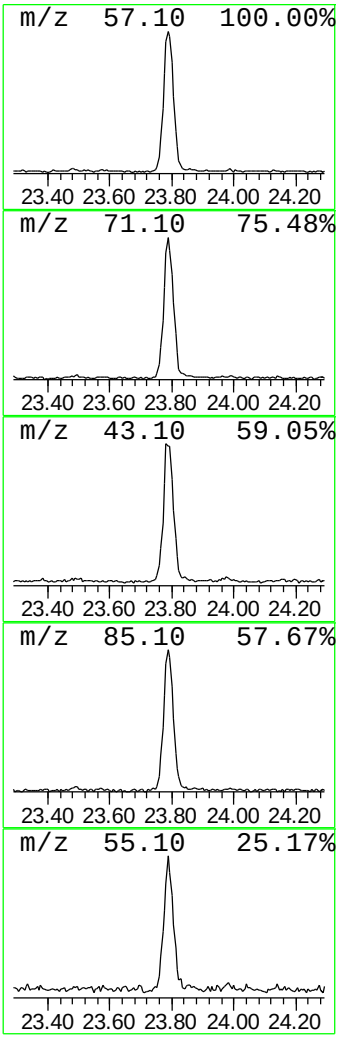
Peak Number 5 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	5.06 ng	323017	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BG044276.D
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Operator : CG/JU
Sample : L1345-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 01-31-D

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

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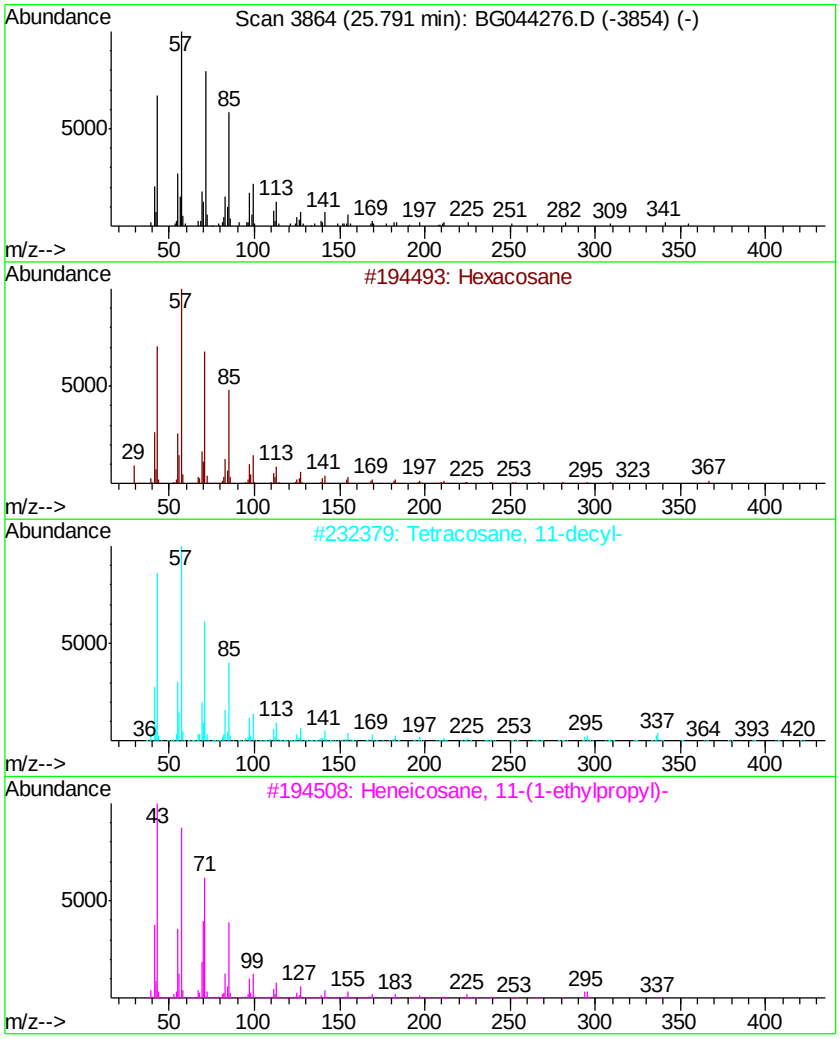
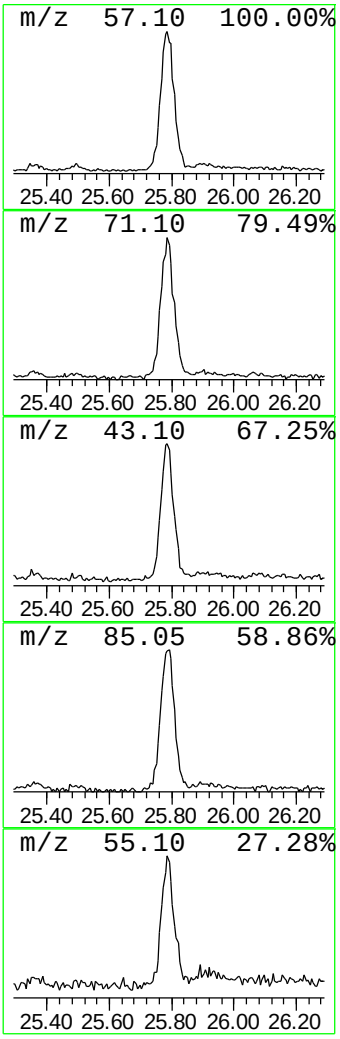
Peak Number 6 Tetracosane, 11-decyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.79	3.85 ng	245767	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
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Sample : L1345-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 01-31-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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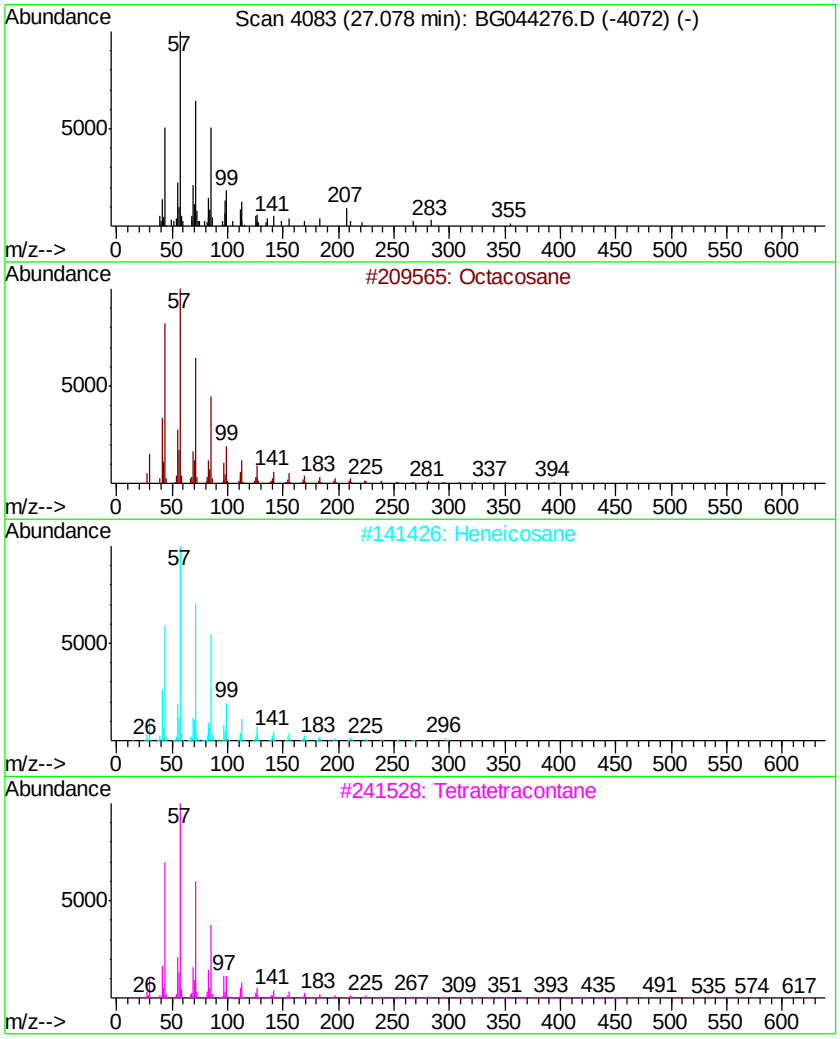
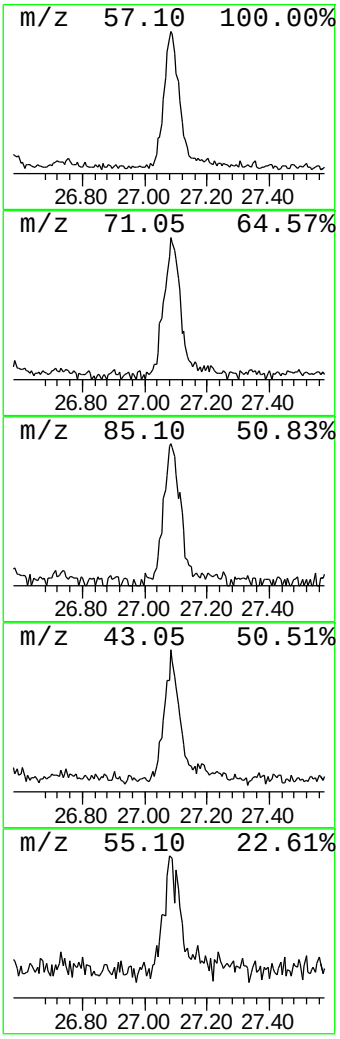
Peak Number 7 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.08	2.31 ng	147666	Perylene-d12	24.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heneicosane	296	C21H44	000629-94-7	83
3	Tetratetracontane	619	C44H90	007098-22-8	81
4	Tetracosane	338	C24H50	000646-31-1	81
5	Hexacosane	366	C26H54	000630-01-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020320\
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Instrument : BNA_G
ClientSampleId : 01-31-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
5-Eicosene, (E)-	21.21	4.5	ng	317084	5	21.54	1400610	20.0
Eicosane	22.34	3.3	ng	229510	5	21.54	1400610	20.0
Tetracosane	23.01	4.0	ng	277087	5	21.54	1400610	20.0
Hexacosane	23.79	5.1	ng	323017	6	24.65	1276250	20.0
Tetracosane, 11-d...	25.79	3.9	ng	245767	6	24.65	1276250	20.0
Octacosane	27.08	2.3	ng	147666	6	24.65	1276250	20.0