LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044224.D
Acq On : 27 Jan 2020 20:46
Operator : CG/JU
Sample : L1262-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B10(0-15)

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	5.512	404	412	428	rBV	1681585	2780872	46.50%	8.679%
2	7.104	674	683	700	rBV	1727508	3175099	53.09%	9.909%
3	7.932	817	824	832	rBV	303670	517140	8.65%	1.614%
4	8.256	870	879	888	rBV	1350712	2353905	39.36%	7.347%
5	9.084	1012	1020	1037	rBV	1041828	1949447	32.60%	6.084%
6	10.729	1292	1300	1314	rBV	412556	789578	13.20%	2.464%
7	13.191	1711	1719	1735	rBV	2742068	4655765	77.85%	14.531%
8	14.014	1853	1859	1866	rBV	218190	359366	6.01%	1.122%
9	14.566	1945	1953	1966	rBV	708312	1167387	19.52%	3.643%
10	16.052	2199	2206	2222	rBV	2043216	3287278	54.97%	10.260%
11	16.258	2234	2241	2249	rBV	53716	118507	1.98%	0.370%
12	17.310	2413	2420	2430	rBV	800048	1258167	21.04%	3.927%
13	19.924	2858	2865	2876	rBV	4473046	5980384	100.00%	18.665%
14	21.229	3081	3087	3095	rBV2	116814	224859	3.76%	0.702%
15	21.558	3136	3143	3155	rBV	787754	1314988	21.99%	4.104%
16	21.769	3174	3179	3187	rVB	58678	83876	1.40%	0.262%
17	22.357	3274	3279	3284	rBV	78439	132615	2.22%	0.414%
18	23.032	3388	3394	3403	rVB	91816	162076	2.71%	0.506%
19	23.808	3520	3526	3534	rVB2	92641	192063	3.21%	0.599%
20	24.666	3662	3672	3680	rBV2	493945	1384570	23.15%	4.321%
21	25.811	3859	3867	3878	rBV2	53482	153179	2.56%	0.478%

Sum of corrected areas: 32041121

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Misc :
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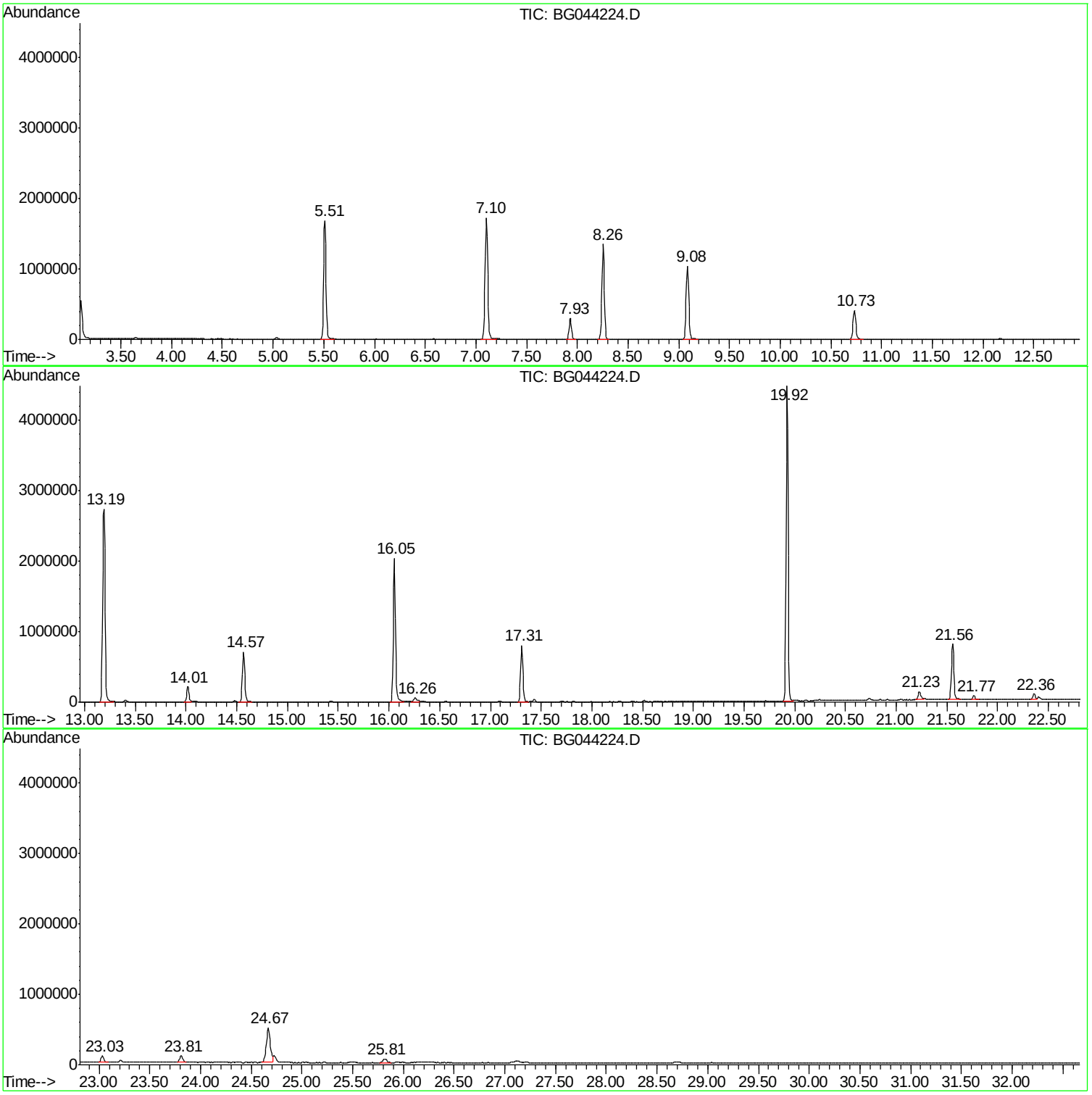
Instrument :
BNA_G
ClientSampleId :
B10(0-15)

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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Data File : BG044224.D
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Sample : L1262-01
Misc :
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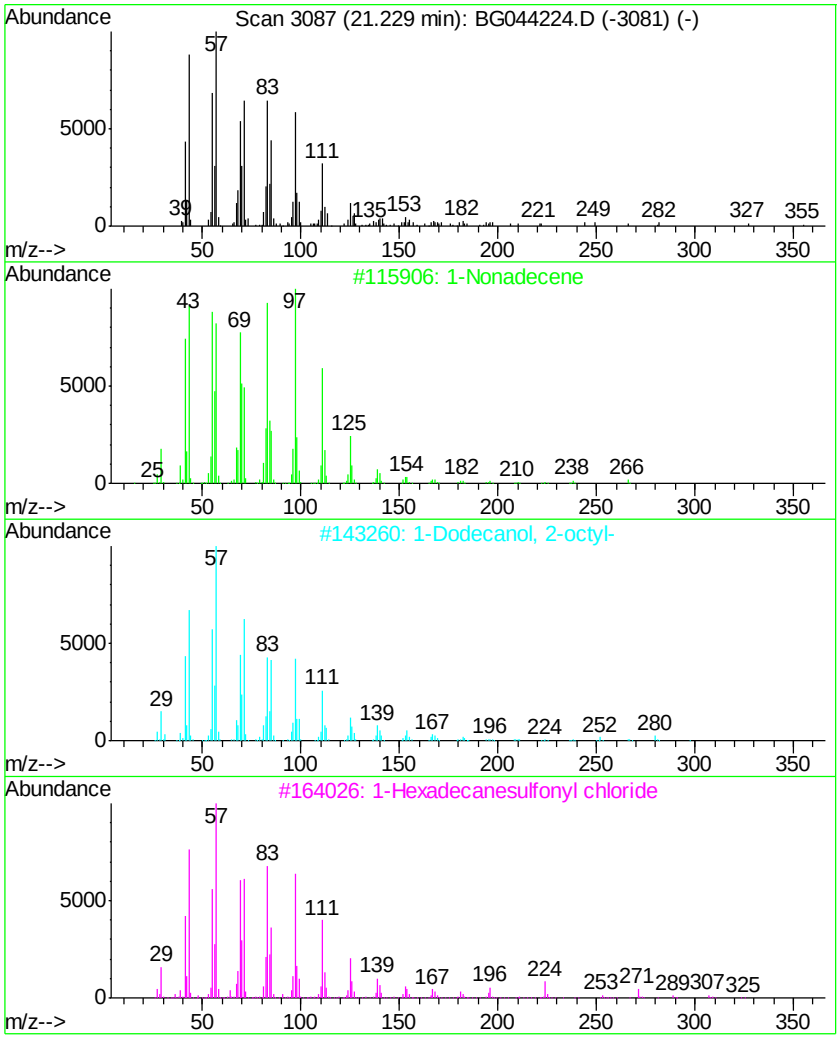
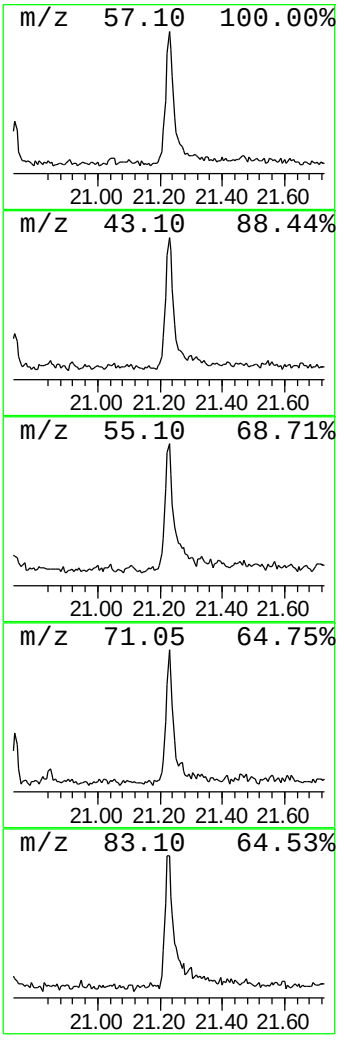
Peak Number 2 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	3.42 ng	224859	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044224.D
Acq On : 27 Jan 2020 20:46
Operator : CG/JU
Sample : L1262-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B10(0-15)

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
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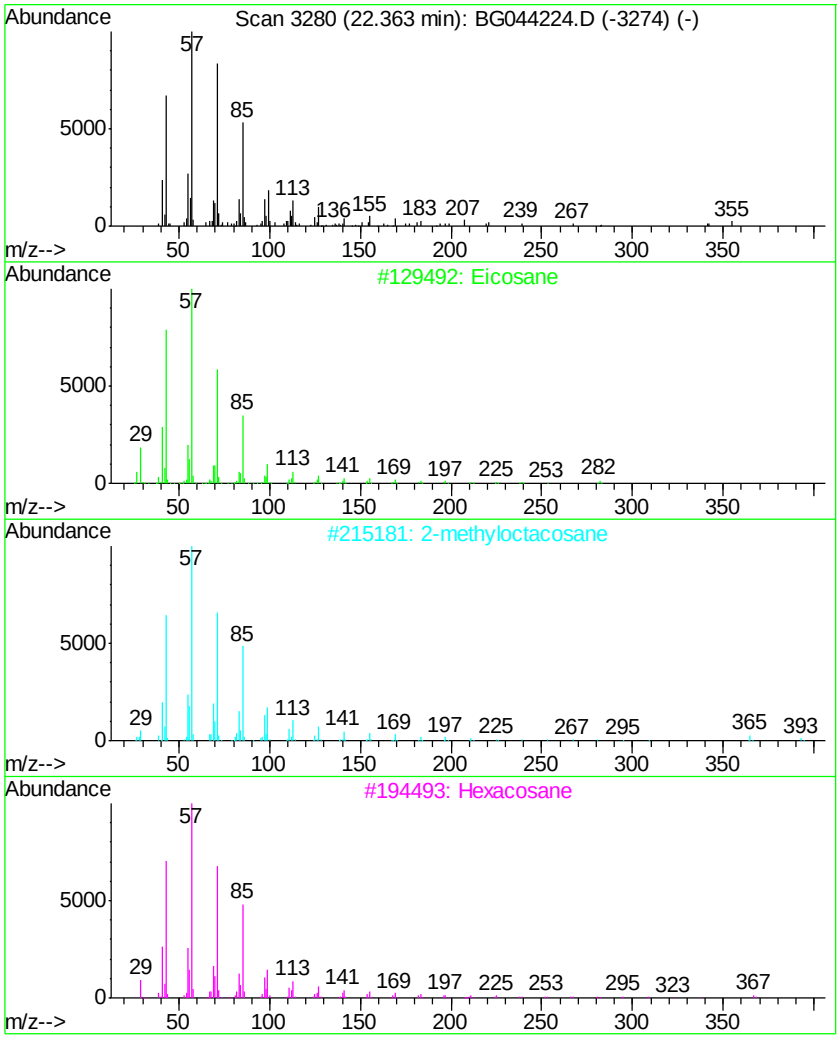
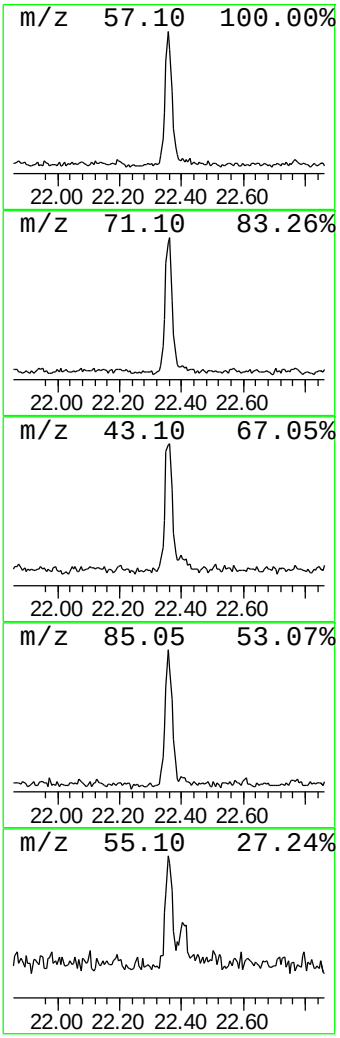
Peak Number 3 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.02 ng	132615	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane	338	C24H50	000646-31-1	87





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Data File : BG044224.D
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Operator : CG/JU
Sample : L1262-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B10(0-15)

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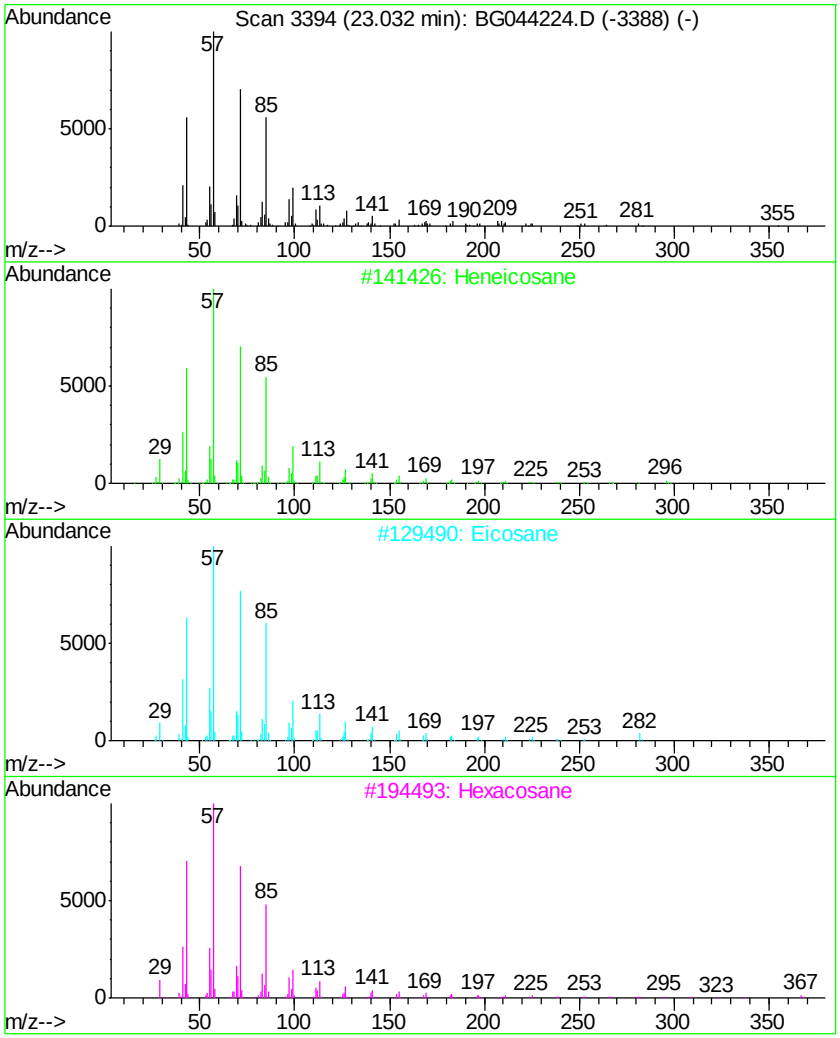
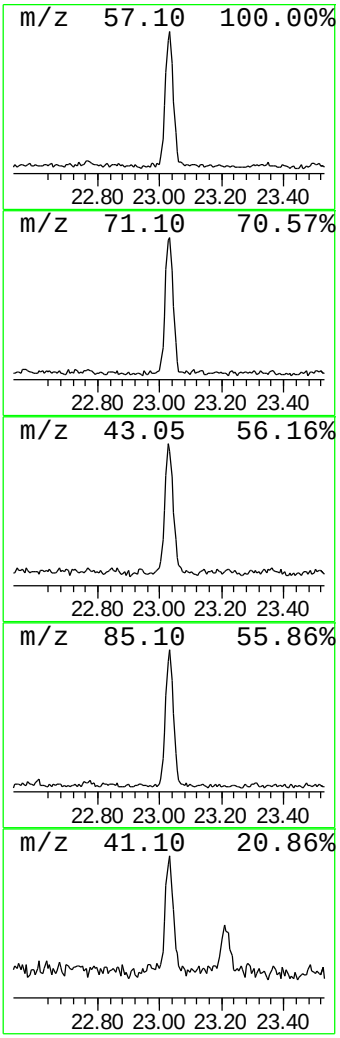
Peak Number 4 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	2.47 ng	162076	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81





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Operator : CG/JU
Sample : L1262-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B10(0-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
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TIC Library : C:\Database\NIST11.L
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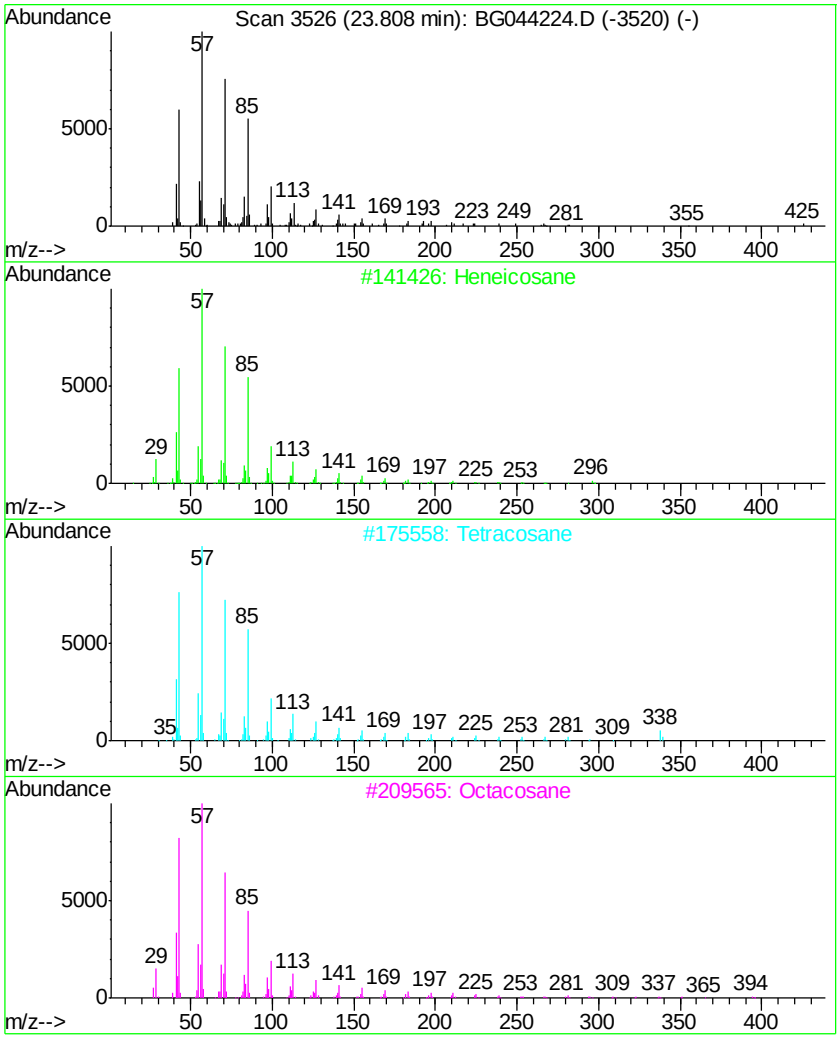
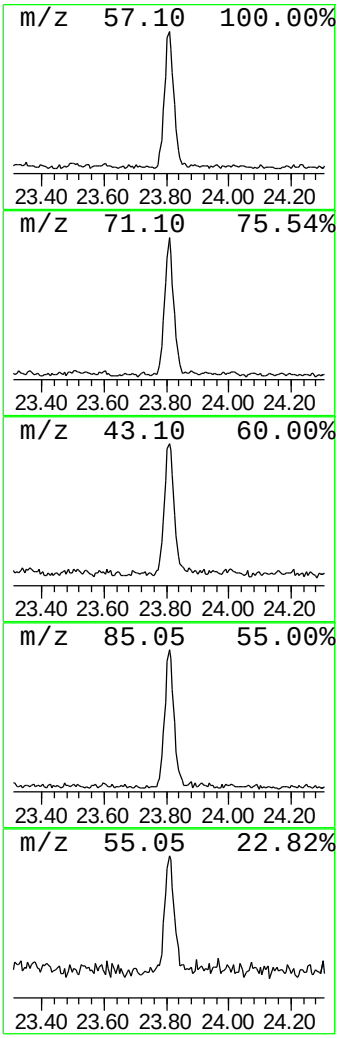
Peak Number 5 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	2.77 ng	192063	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90





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Acq On : 27 Jan 2020 20:46
Operator : CG/JU
Sample : L1262-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B10(0-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
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TIC Library : C:\Database\NIST11.L
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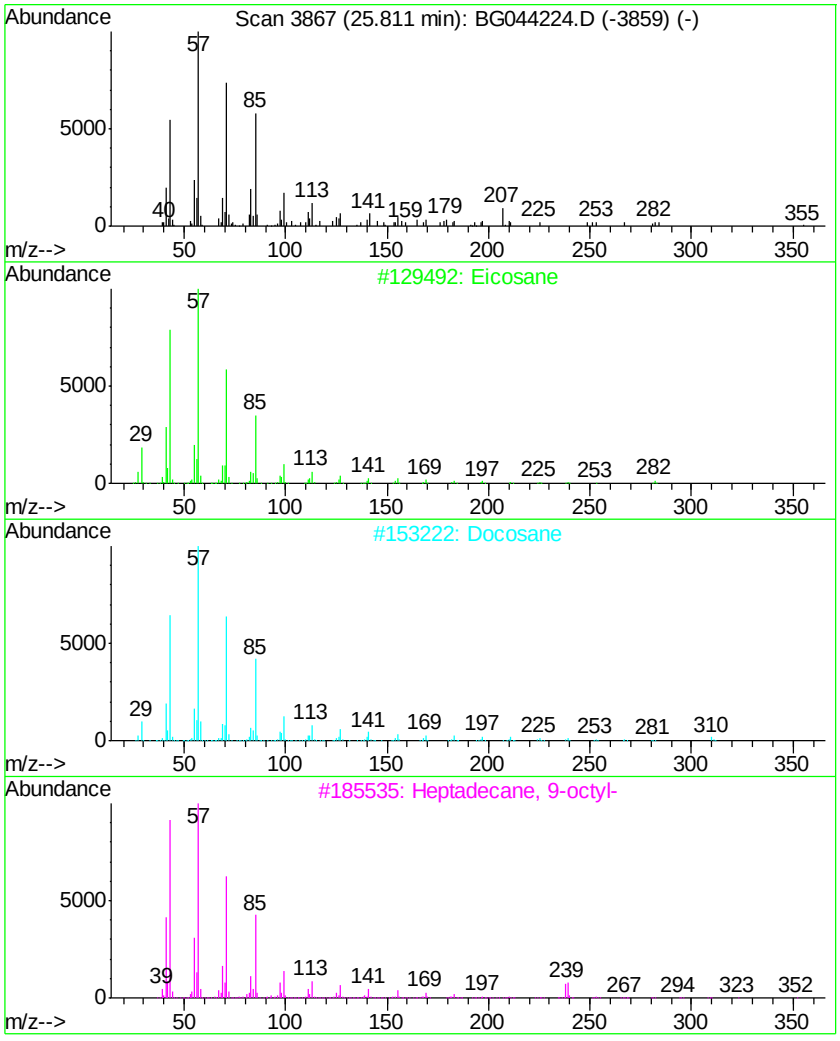
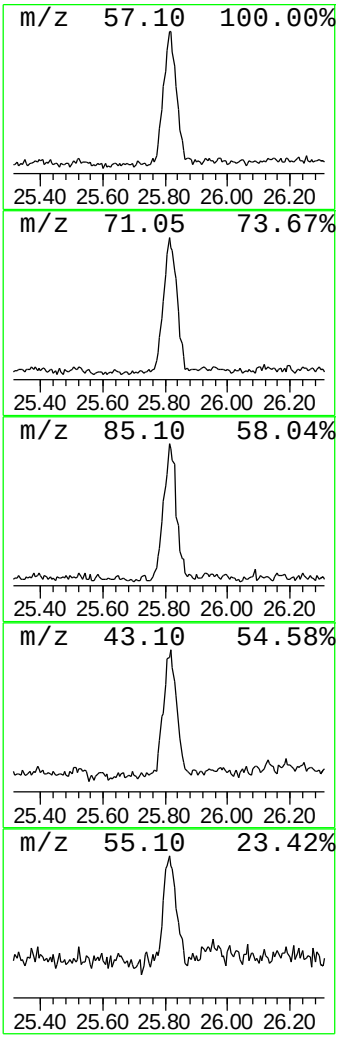
Peak Number 6 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	2.21 ng	153179	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Docosane	310	C22H46	000629-97-0	81
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
4	Tetratetracontane	619	C44H90	007098-22-8	74
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	74





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
Sample : L1262-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B10(0-15)

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
1-Nonadecene	21.23	3.4	ng	224859	5	21.56	1314990	20.0
Eicosane	22.36	2.0	ng	132615	5	21.56	1314990	20.0
Heneicosane	23.03	2.5	ng	162076	5	21.56	1314990	20.0
Tetracosane	23.81	2.8	ng	192063	6	24.67	1384570	20.0
Docosane	25.81	2.2	ng	153179	6	24.67	1384570	20.0