LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044140.D
Acq On : 21 Jan 2020 19:18
Operator : JU
Sample : L1205-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-3

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	5.032	327	331	341	rBV2	27308	43389	1.02%	0.179%
2	5.508	405	412	425	rBV	1039090	1714515	40.24%	7.086%
3	7.101	675	683	702	rBV	1089777	1975647	46.37%	8.166%
4	7.929	817	824	835	rBV	274387	481575	11.30%	1.990%
5	8.252	872	879	889	rBV	849153	1502266	35.26%	6.209%
6	9.087	1012	1021	1032	rBV	655137	1220036	28.63%	5.043%
7	10.732	1289	1301	1312	rBV	395394	726491	17.05%	3.003%
8	13.188	1712	1719	1740	rBV	1853642	3095247	72.64%	12.793%
9	14.016	1854	1860	1874	rBV	170853	281180	6.60%	1.162%
10	14.563	1945	1953	1968	rBV	661940	1116264	26.20%	4.614%
11	16.049	2200	2206	2221	rBV	1311797	2196689	51.56%	9.079%
12	17.306	2413	2420	2430	rBV	763449	1245582	29.23%	5.148%
13	17.706	2481	2488	2495	rBV5	18921	44194	1.04%	0.183%
14	19.069	2715	2720	2728	rBV4	41890	93327	2.19%	0.386%
15	19.921	2859	2865	2876	rBV	3138428	4260794	100.00%	17.610%
16	21.225	3082	3087	3099	rBV2	192145	421036	9.88%	1.740%
17	21.554	3136	3143	3153	rBV	757800	1273383	29.89%	5.263%
18	21.766	3175	3179	3184	rBV	66003	92586	2.17%	0.383%
19	22.359	3275	3280	3285	rBV2	105347	171069	4.01%	0.707%
20	23.029	3387	3394	3401	rVB2	140969	252587	5.93%	1.044%
21	23.217	3420	3426	3431	rVB	39460	71732	1.68%	0.296%
22	23.811	3519	3527	3535	rVB	131432	282267	6.62%	1.167%
23	24.662	3661	3672	3679	rBV	465760	1327930	31.17%	5.488%
24	25.814	3860	3868	3878	rBV2	71409	202668	4.76%	0.838%
25	27.124	4084	4091	4100	rVB4	32342	102576	2.41%	0.424%

Sum of corrected areas: 24195030

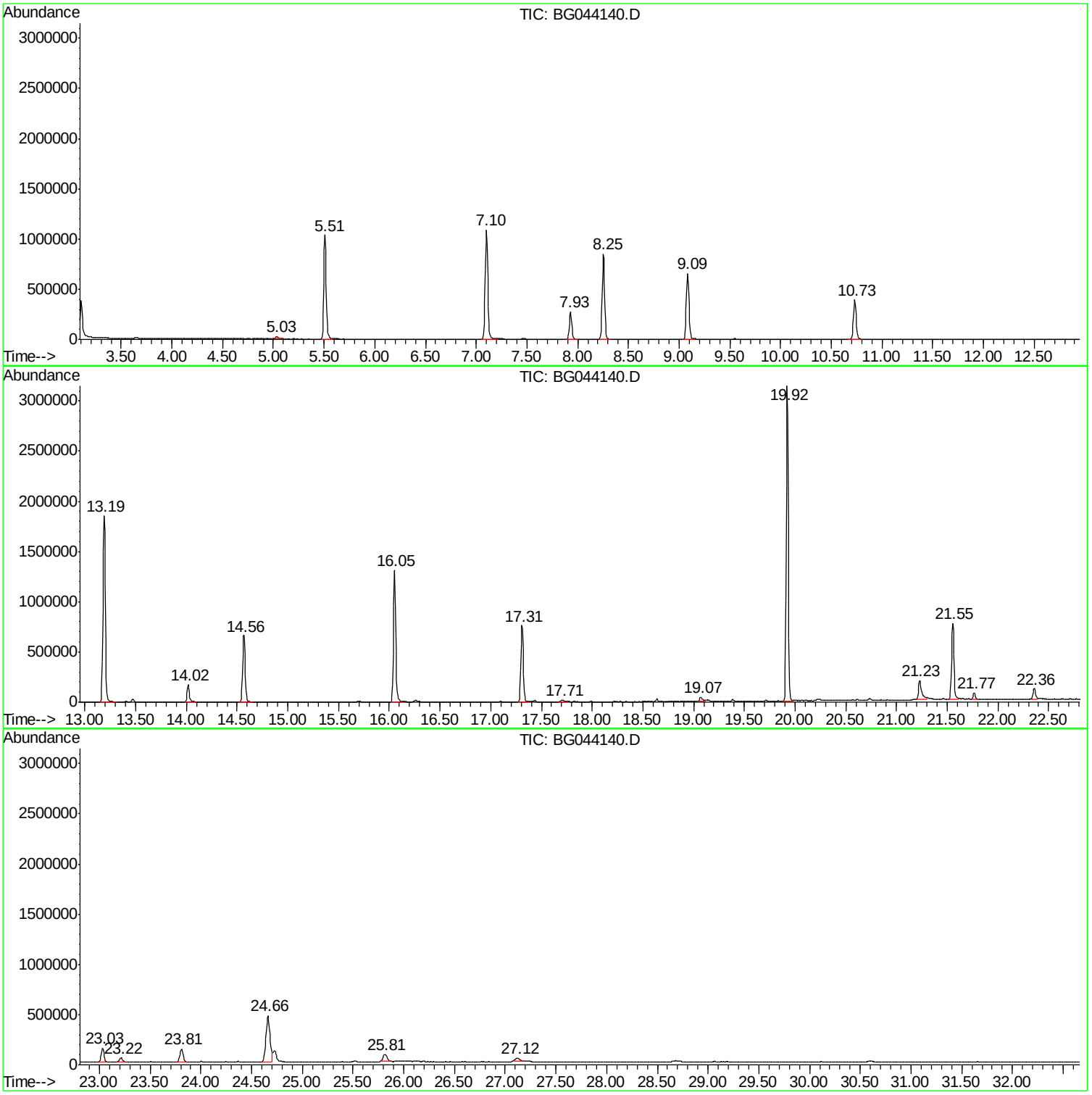
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044140.D
Acq On : 21 Jan 2020 19:18
Operator : JU
Sample : L1205-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-3

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044140.D
Acq On : 21 Jan 2020 19:18
Operator : JU
Sample : L1205-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

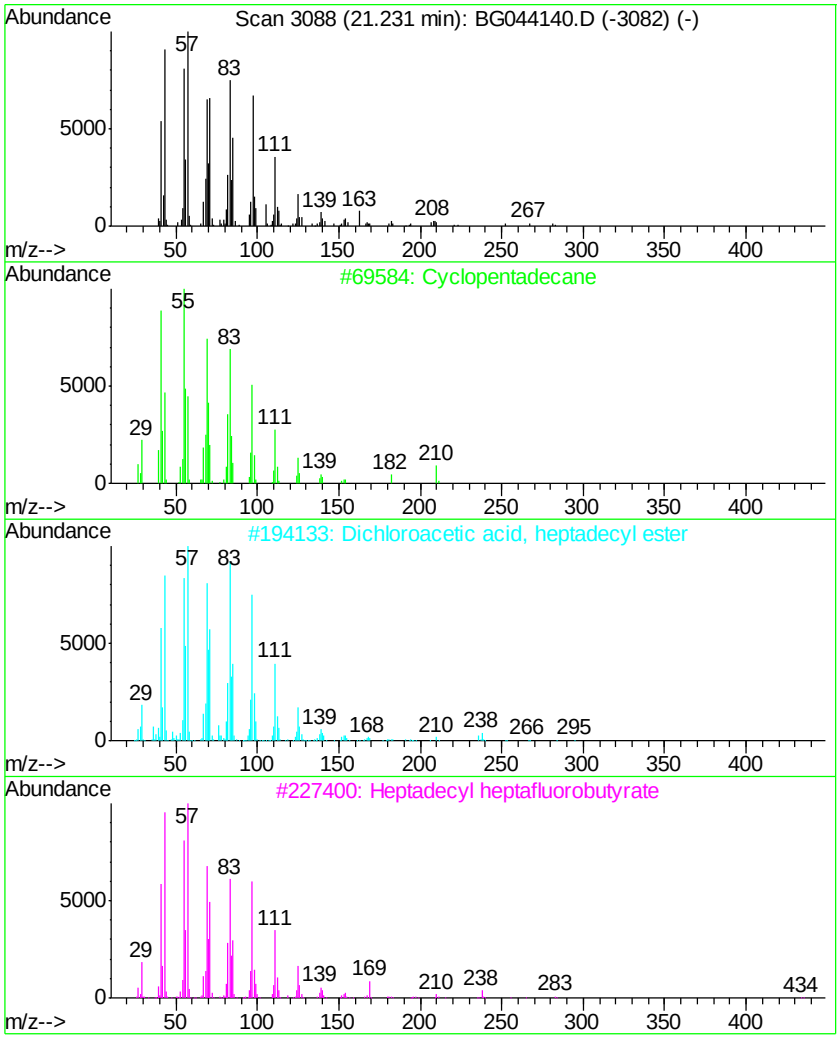
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

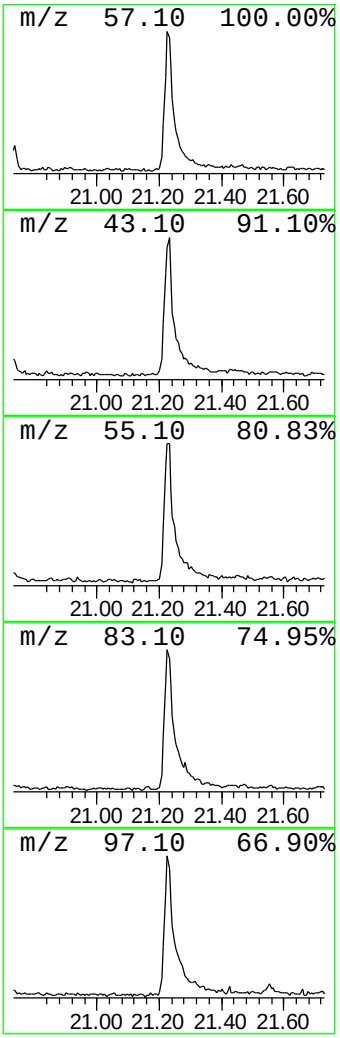
****

Peak Number 2 Cyclopentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	6.61 ng	421036	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	98
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044140.D
Acq On : 21 Jan 2020 19:18
Operator : JU
Sample : L1205-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

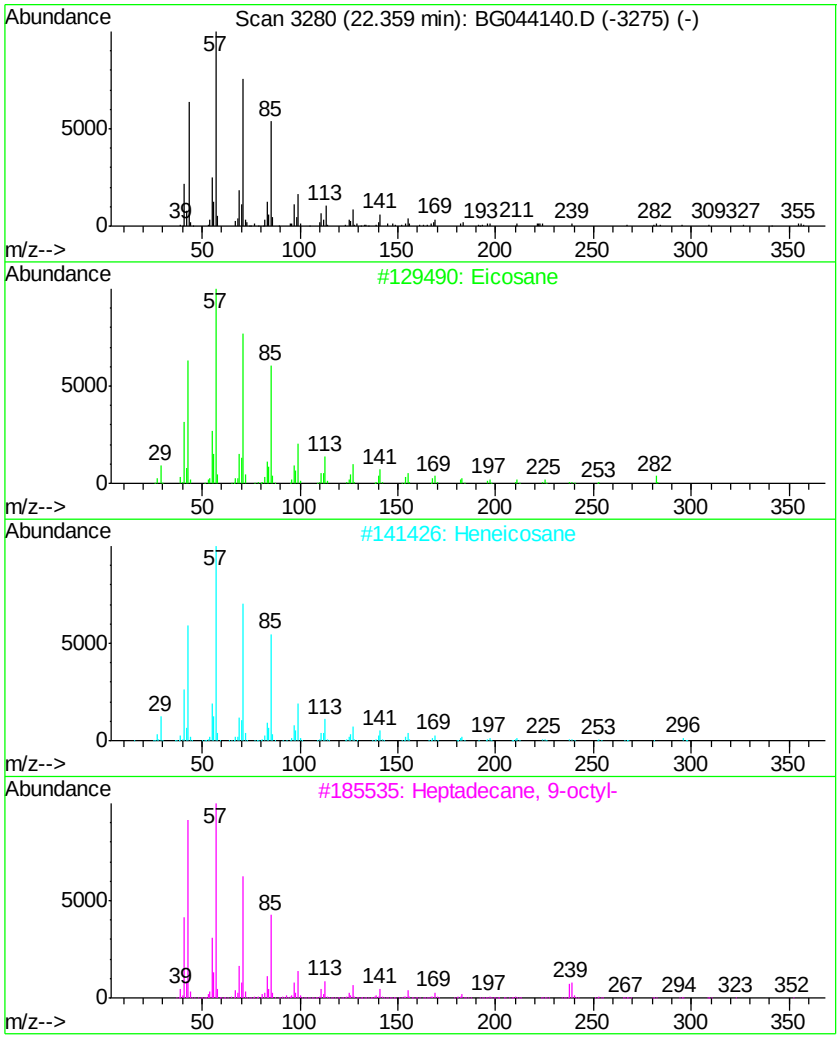
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

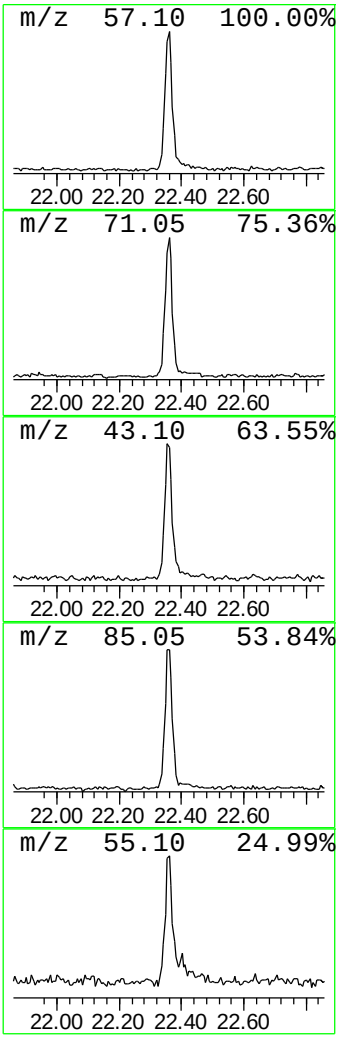
****

Peak Number 3 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.69 ng	171069	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044140.D
Acq On : 21 Jan 2020 19:18
Operator : JU
Sample : L1205-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

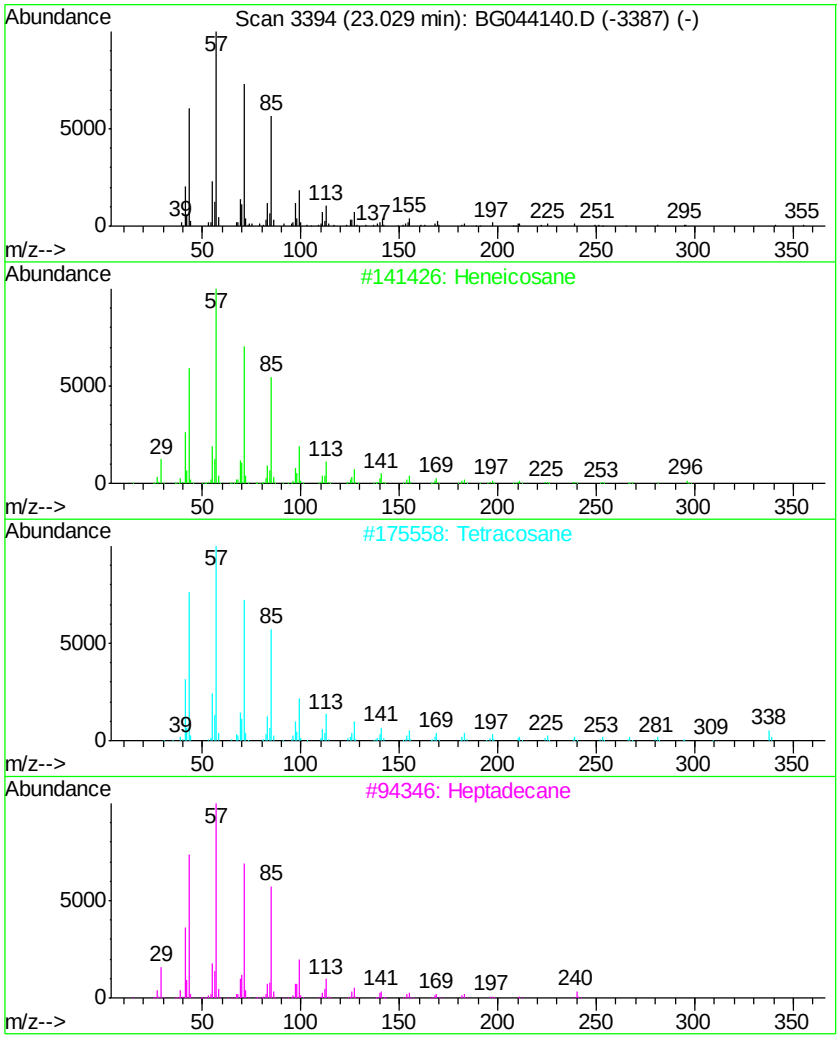
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

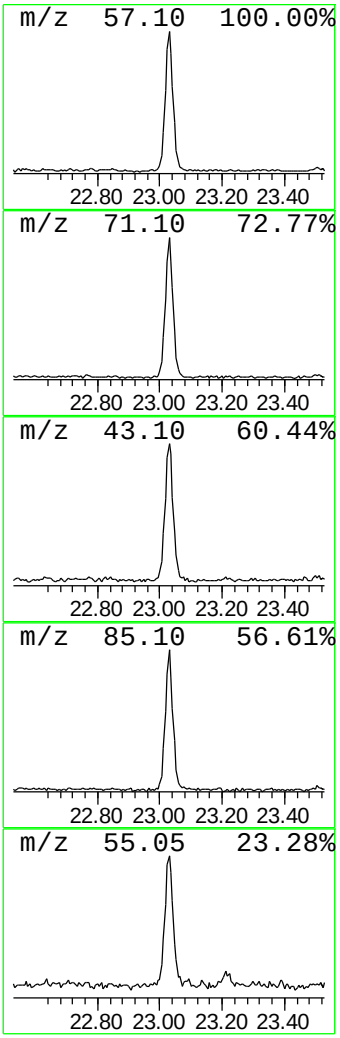
****

Peak Number 4 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	3.97 ng	252587	Chrysene-d12	21.55

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	Heptadecane	240	C17H36	000629-78-7	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044140.D
Acq On : 21 Jan 2020 19:18
Operator : JU
Sample : L1205-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

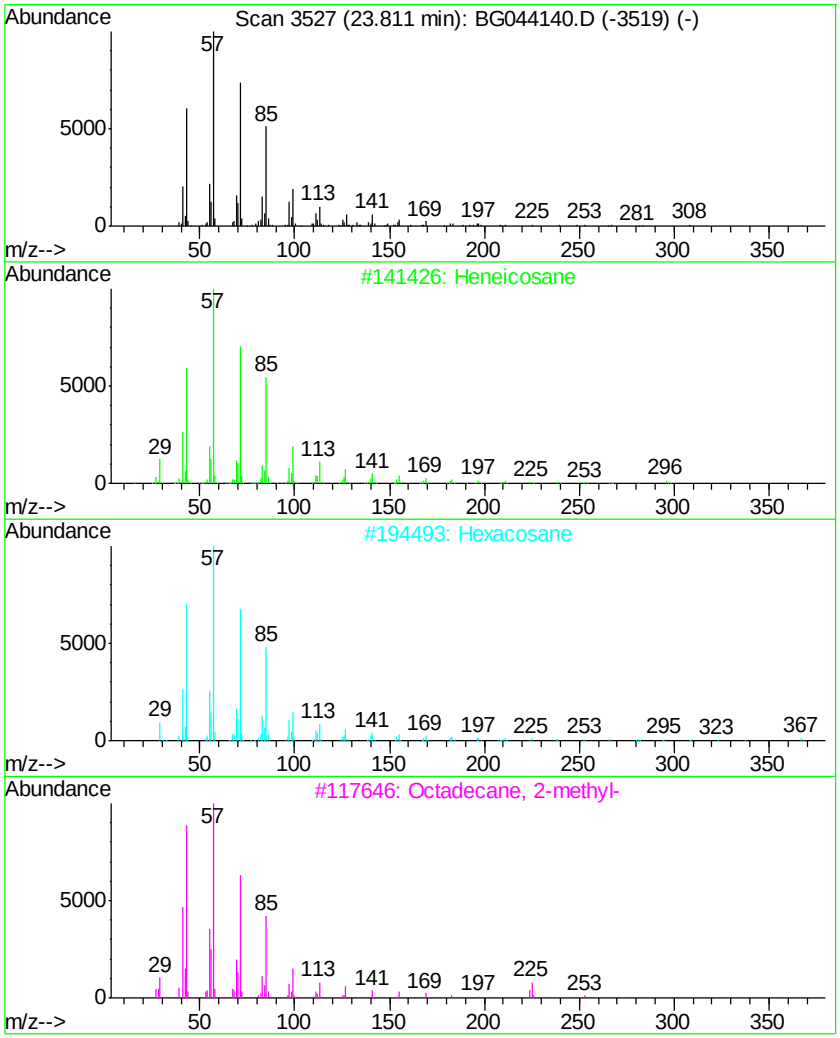
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

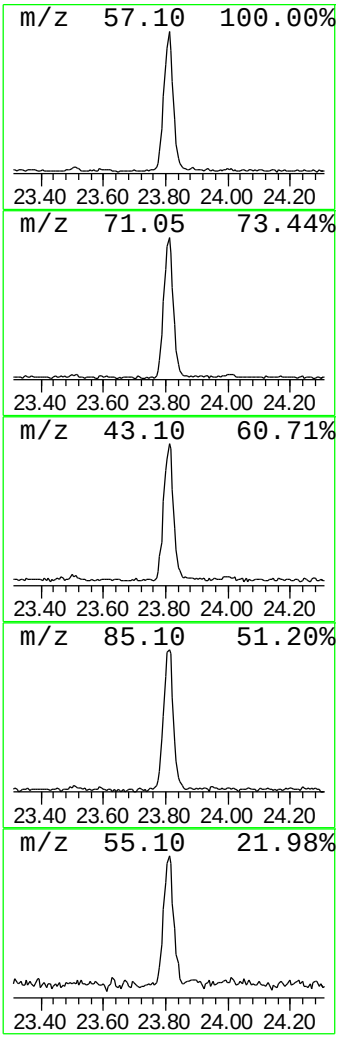
****

Peak Number 5 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	4.25 ng	282267	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044140.D
Acq On : 21 Jan 2020 19:18
Operator : JU
Sample : L1205-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

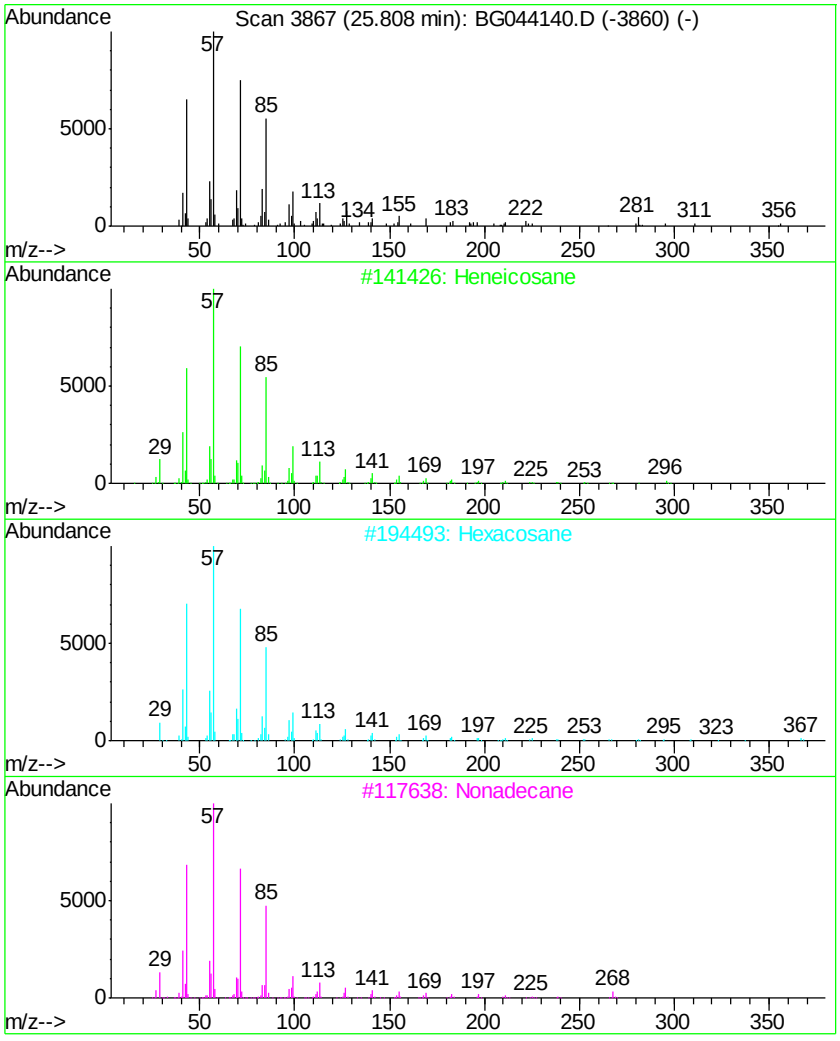
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

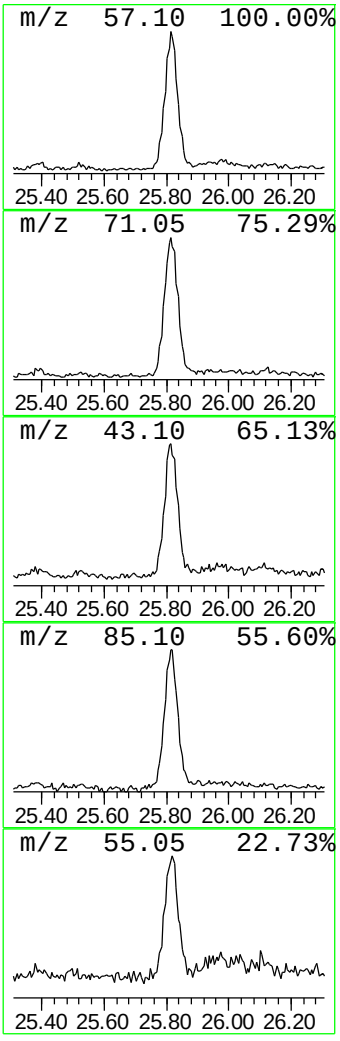
****

Peak Number 6 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	3.05 ng	202668	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012120\
Data File : BG044140.D
Acq On : 21 Jan 2020 19:18
Operator : JU
Sample : L1205-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-3

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
Cyclopentadecane	21.23	6.6	ng	421036	5	21.55	1273380	20.0
Eicosane	22.36	2.7	ng	171069	5	21.55	1273380	20.0
Heneicosane	23.03	4.0	ng	252587	5	21.55	1273380	20.0
Hexacosane	23.81	4.3	ng	282267	6	24.66	1327930	20.0
Nonadecane	25.81	3.0	ng	202668	6	24.66	1327930	20.0