LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044149.D
Acq On : 22 Jan 2020 1:11
Operator : JU
Sample : L1202-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3-(SETTLED)

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	5.509	405	412	428	rBV	671827	1097606	20.52%	3.481%
2	7.095	674	682	697	rBV	395903	764531	14.29%	2.425%
3	7.929	817	824	832	rBV	289474	494072	9.24%	1.567%
4	8.253	871	879	889	rBV	1177632	2087291	39.02%	6.620%
5	9.087	1012	1021	1033	rBV	962781	1801211	33.67%	5.713%
6	10.732	1293	1301	1316	rBV	398401	748229	13.99%	2.373%
7	12.072	1523	1529	1537	rVB	92718	151695	2.84%	0.481%
8	13.188	1711	1719	1736	rBV	2651183	4348582	81.28%	13.792%
9	14.016	1853	1860	1866	rBV	98714	154535	2.89%	0.490%
10	14.563	1945	1953	1962	rBV2	680297	1137625	21.26%	3.608%
11	16.055	2200	2207	2229	rBV	2049143	3332617	62.29%	10.569%
12	17.307	2411	2420	2433	rBV	815401	1277289	23.87%	4.051%
13	18.211	2569	2574	2582	rBV2	34326	58575	1.09%	0.186%
14	19.927	2859	2866	2874	rBV	3892135	5349963	100.00%	16.967%
15	20.244	2912	2920	2928	rBV3	31320	61878	1.16%	0.196%
16	20.732	2998	3003	3007	rBV2	62173	87268	1.63%	0.277%
17	21.231	3082	3088	3111	rBV	376936	820164	15.33%	2.601%
18	21.555	3136	3143	3152	rBV2	777275	1310708	24.50%	4.157%
19	21.766	3174	3179	3185	rBV	255159	355178	6.64%	1.126%
20	22.360	3273	3280	3286	rBV	374509	633566	11.84%	2.009%
21	23.029	3387	3394	3404	rVB	484874	877068	16.39%	2.782%
22	23.811	3519	3527	3539	rBV2	479048	995449	18.61%	3.157%
23	24.663	3661	3672	3678	rBV	484900	1357655	25.38%	4.306%
24	24.727	3678	3683	3694	rVB	405839	928939	17.36%	2.946%
25	25.814	3859	3868	3878	rBV2	266999	750422	14.03%	2.380%
26	27.119	4080	4090	4101	rVB3	120766	405509	7.58%	1.286%
27	28.693	4347	4358	4371	rBV5	35995	143218	2.68%	0.454%

Sum of corrected areas: 31530843

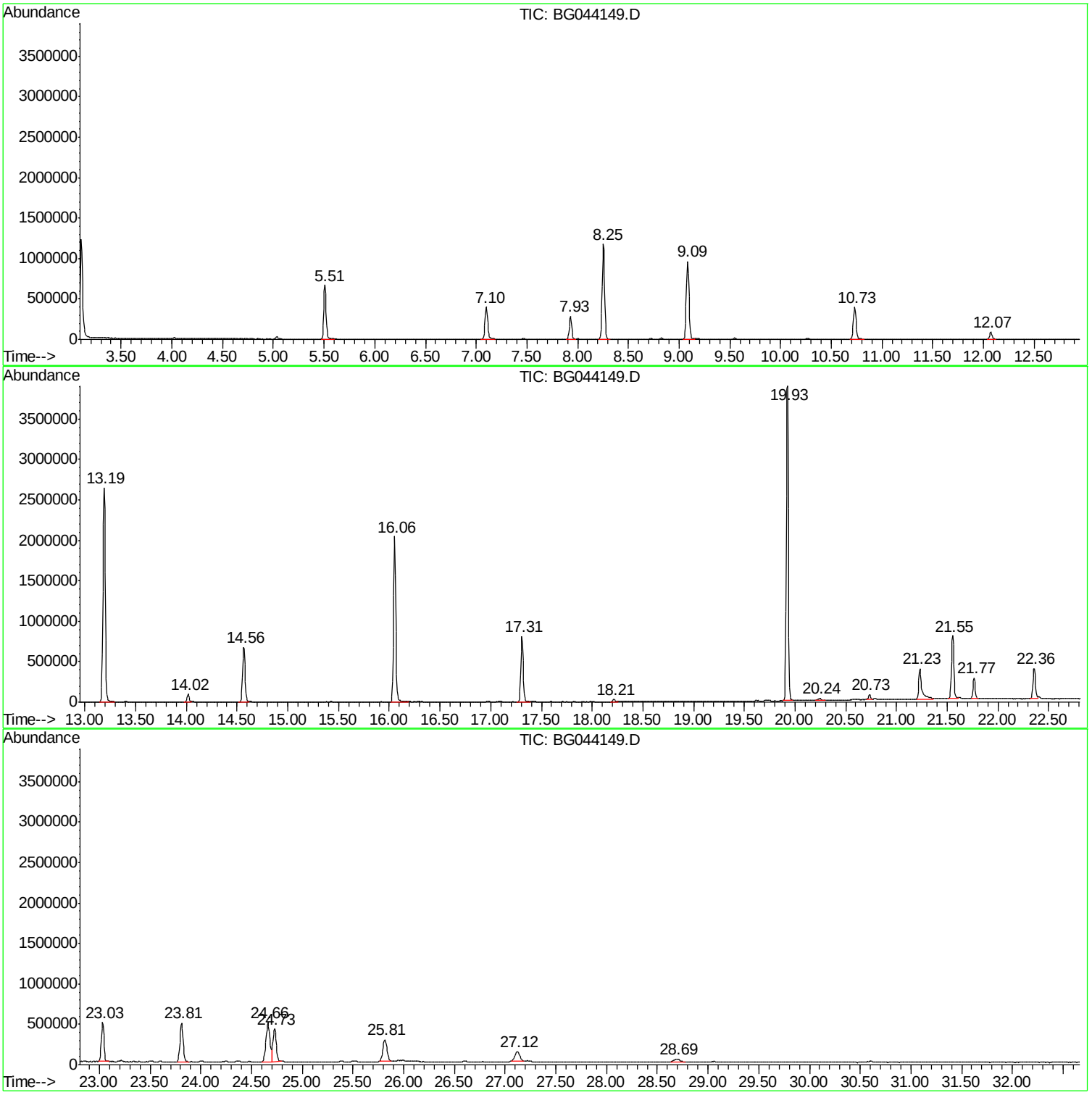
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044149.D
Acq On : 22 Jan 2020 1:11
Operator : JU
Sample : L1202-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2-E3-(SETTLED)

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 : BG044149.D
Acq On : 22 Jan 2020 1:11
Operator : JU
Sample : L1202-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3-(SETTLED)

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

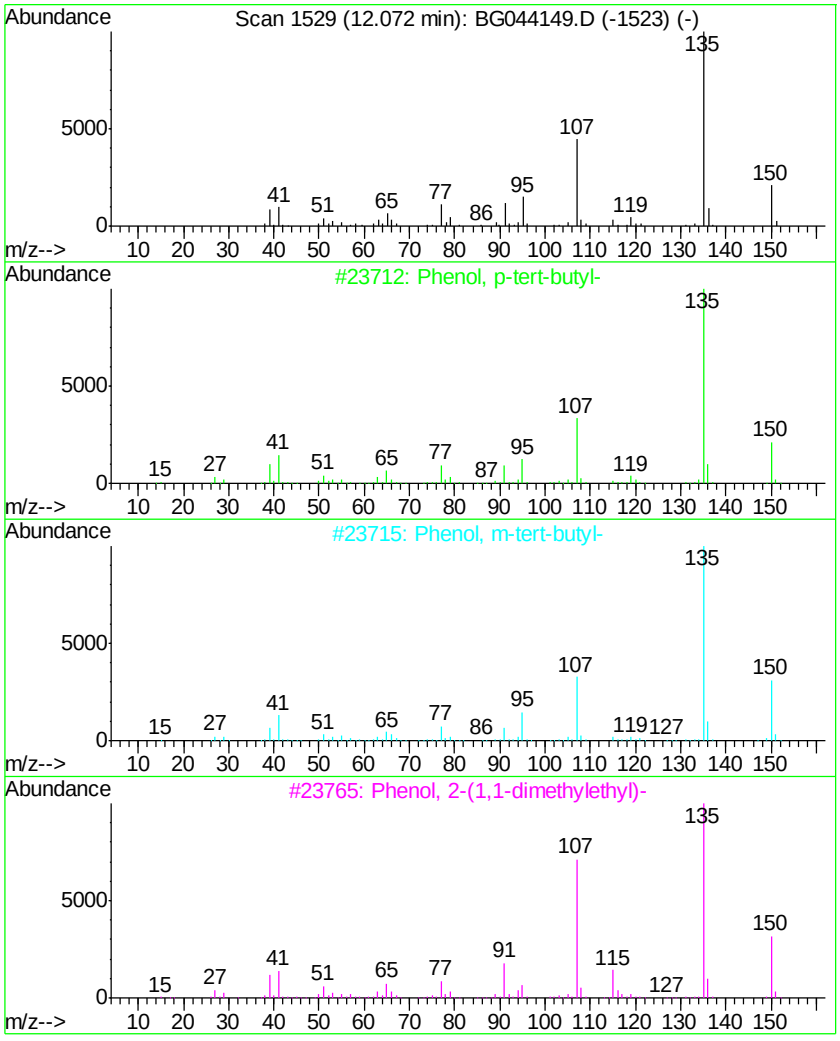
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

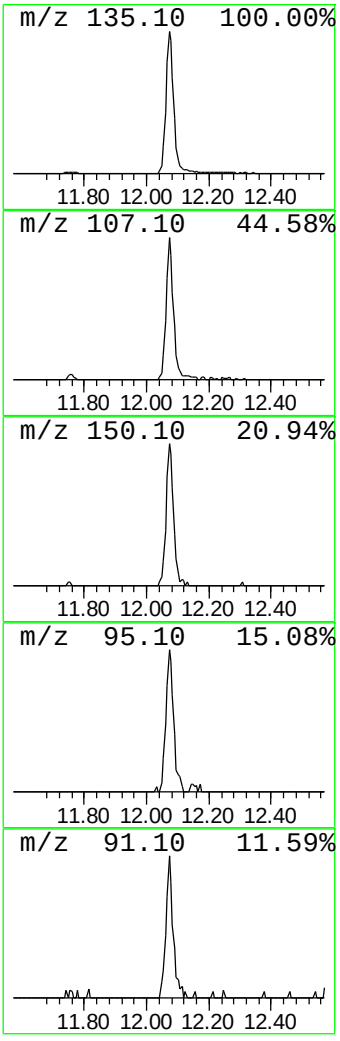
****

Peak Number 2 Phenol, p-tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	4.05 ng	151695	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	80
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	64
5	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044149.D
Acq On : 22 Jan 2020 1:11
Operator : JU
Sample : L1202-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3-(SETTLED)

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

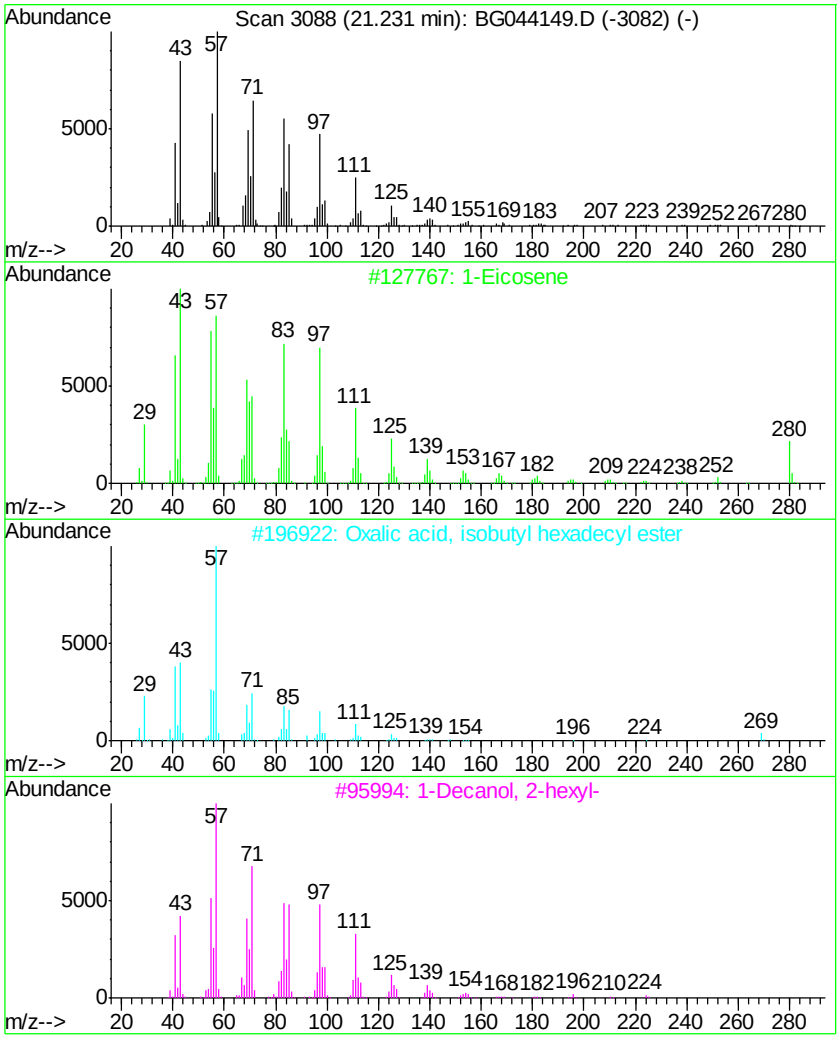
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

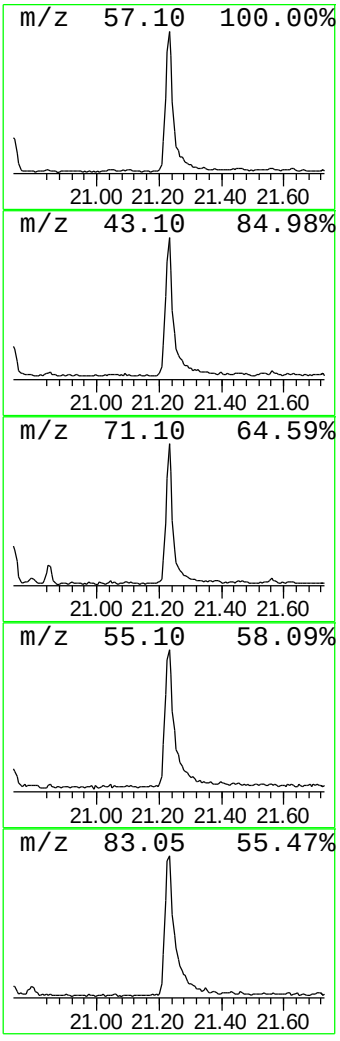
****

Peak Number 3 1-Eicosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	12.51 ng	820164	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	93
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
4	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	76
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044149.D
Acq On : 22 Jan 2020 1:11
Operator : JU
Sample : L1202-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3-(SETTLED)

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

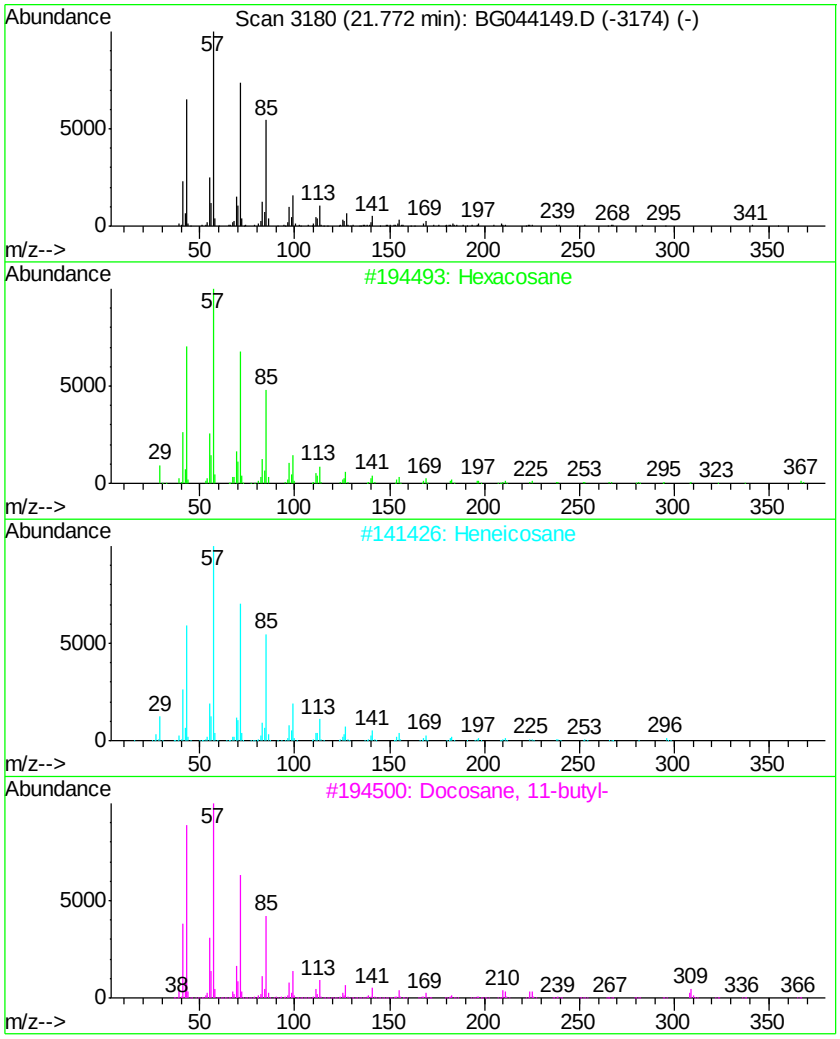
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

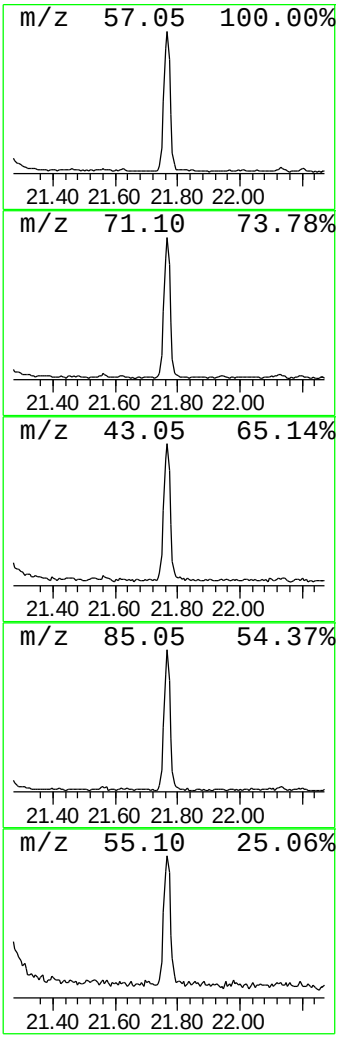
****

Peak Number 4 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	5.42 ng	355178	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044149.D
Acq On : 22 Jan 2020 1:11
Operator : JU
Sample : L1202-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3-(SETTLED)

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

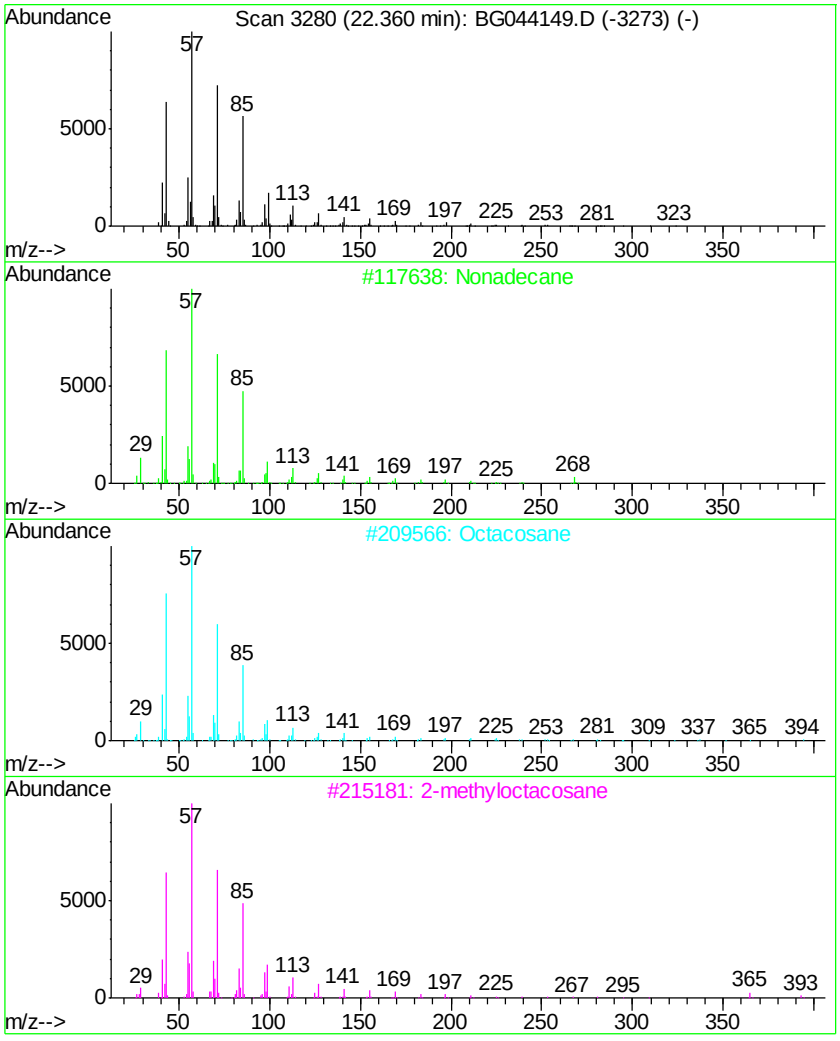
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

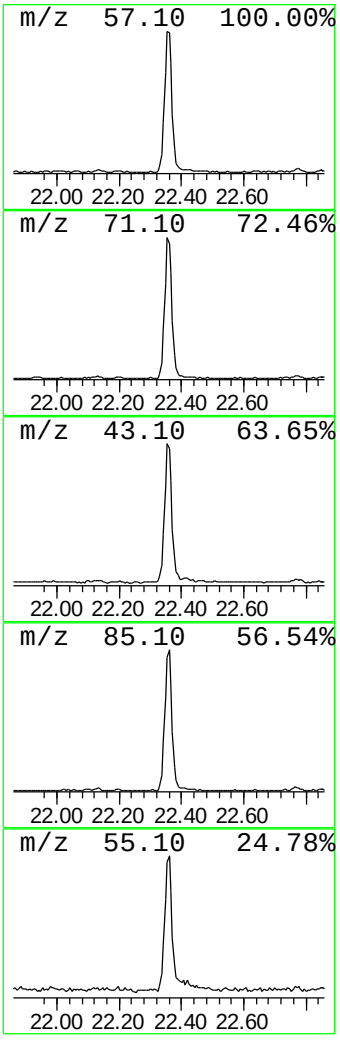
****

Peak Number 5 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	9.67 ng	633566	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044149.D
Acq On : 22 Jan 2020 1:11
Operator : JU
Sample : L1202-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3-(SETTLED)

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

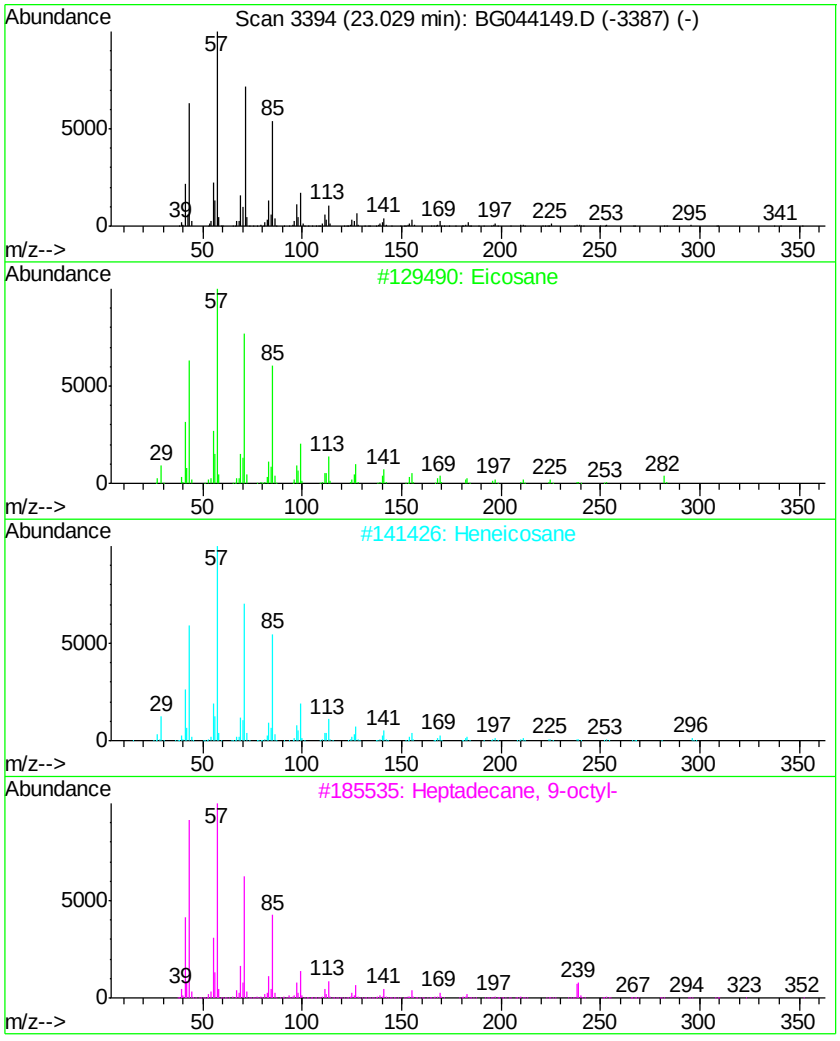
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

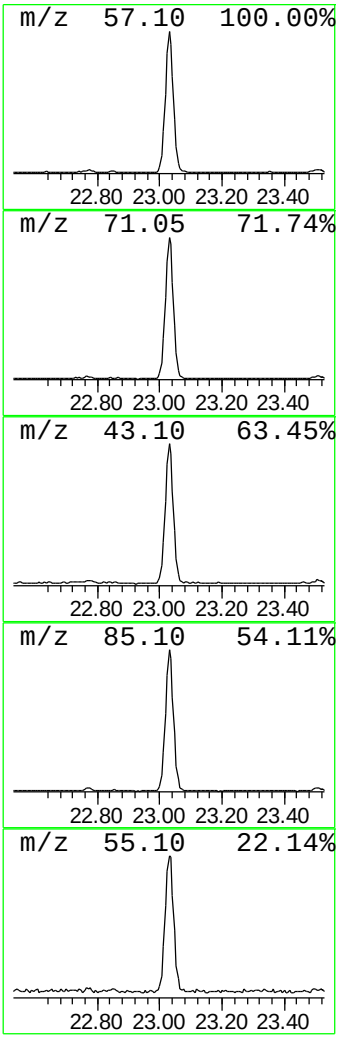
****

Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	13.38 ng	877068	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044149.D
Acq On : 22 Jan 2020 1:11
Operator : JU
Sample : L1202-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3-(SETTLED)

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

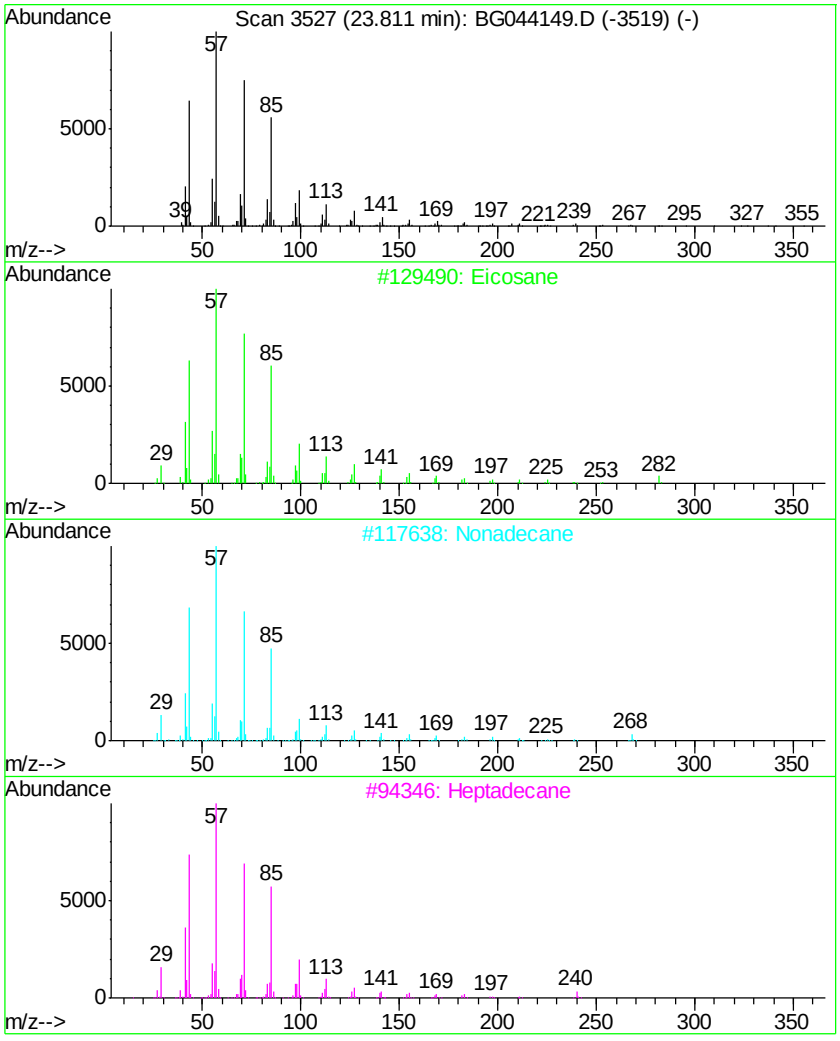
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

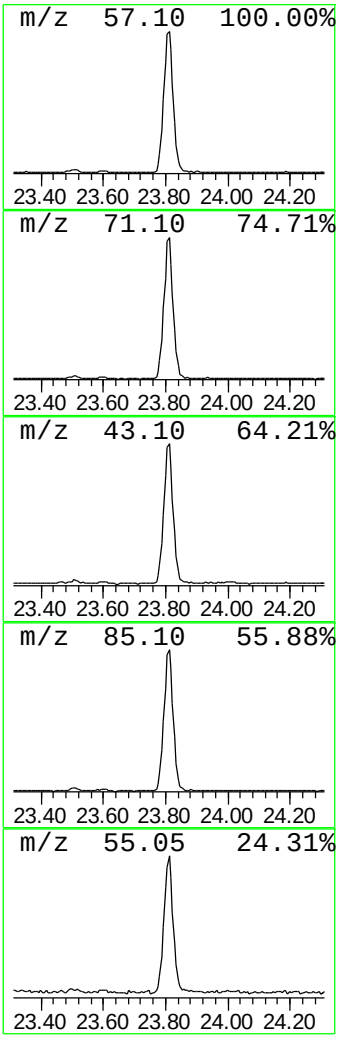
****

Peak Number 7 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	14.66 ng	995449	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	94
3	Heptadecane	240	C17H36	000629-78-7	94
4	Hexadecane	226	C16H34	000544-76-3	93
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044149.D
Acq On : 22 Jan 2020 1:11
Operator : JU
Sample : L1202-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3-(SETTLED)

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

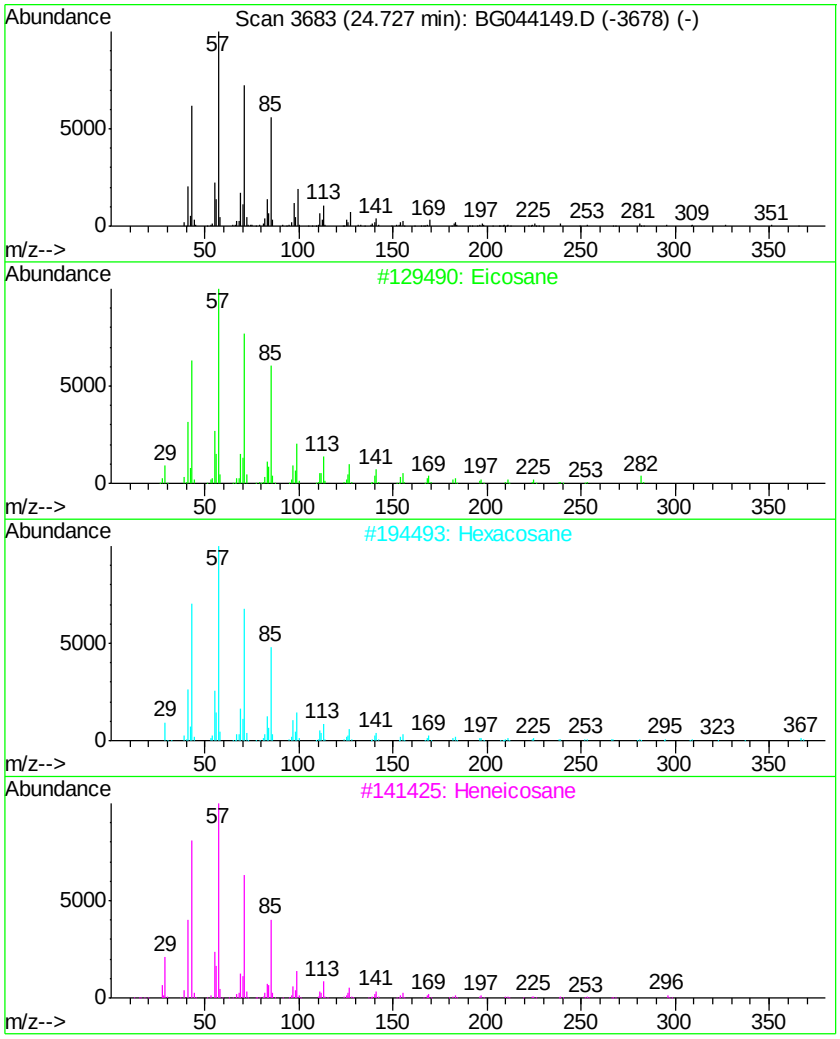
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

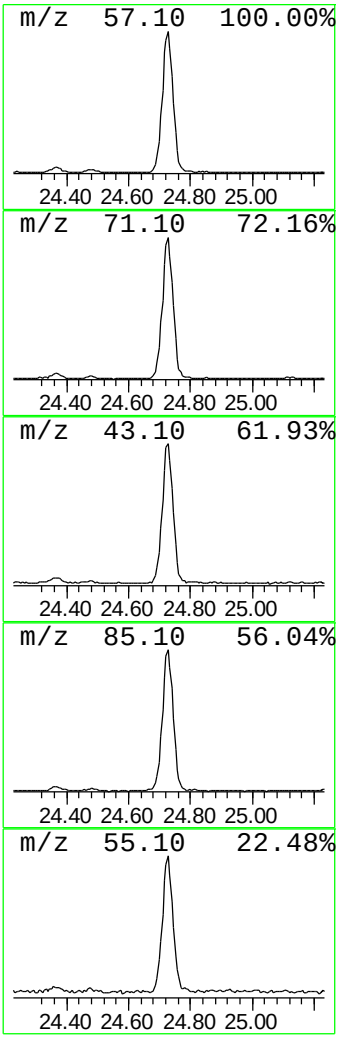
****

Peak Number 8 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	13.68 ng	928939	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044149.D
Acq On : 22 Jan 2020 1:11
Operator : JU
Sample : L1202-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3-(SETTLED)

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

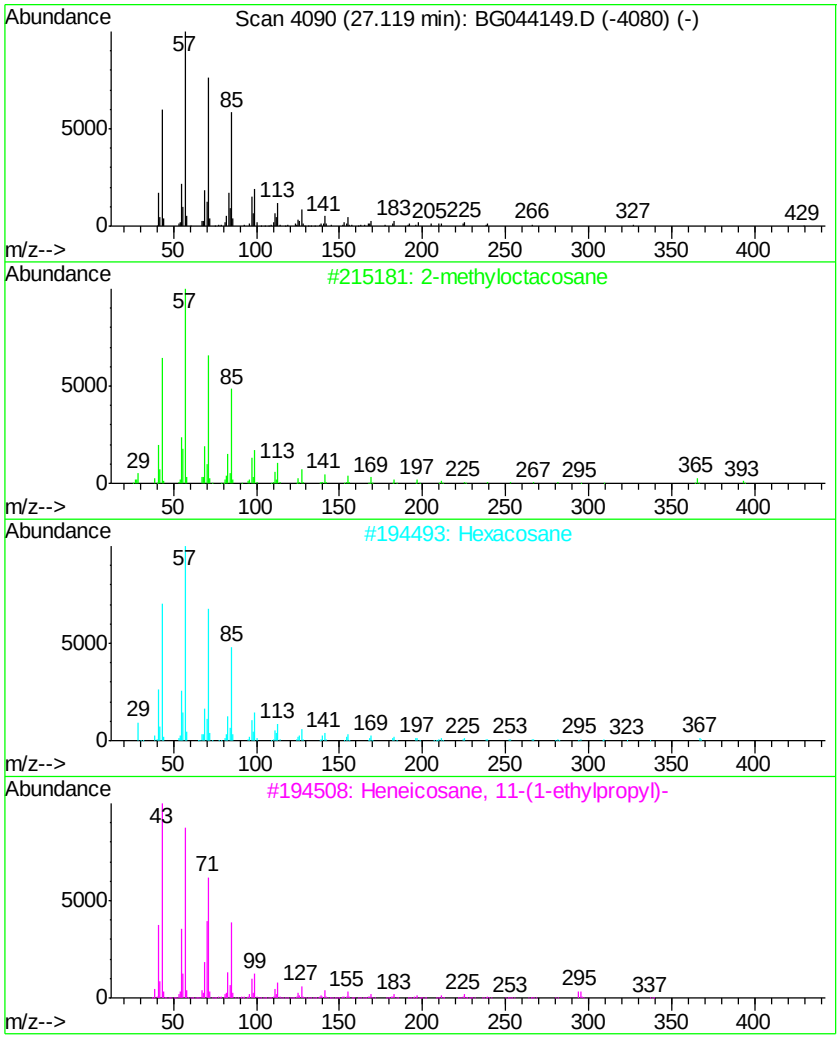
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

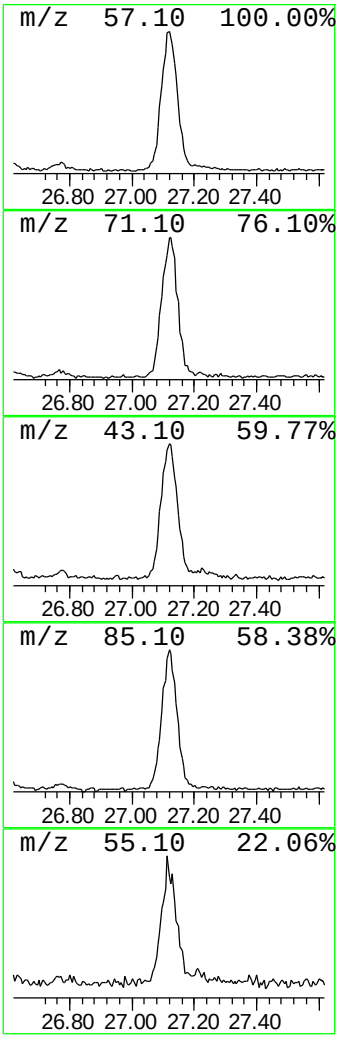
****

Peak Number 10 Heneicosane, 11-(1-ethylpro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.12	5.97 ng	405509	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044149.D
Acq On : 22 Jan 2020 1:11
Operator : JU
Sample : L1202-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3-(SETTLED)

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

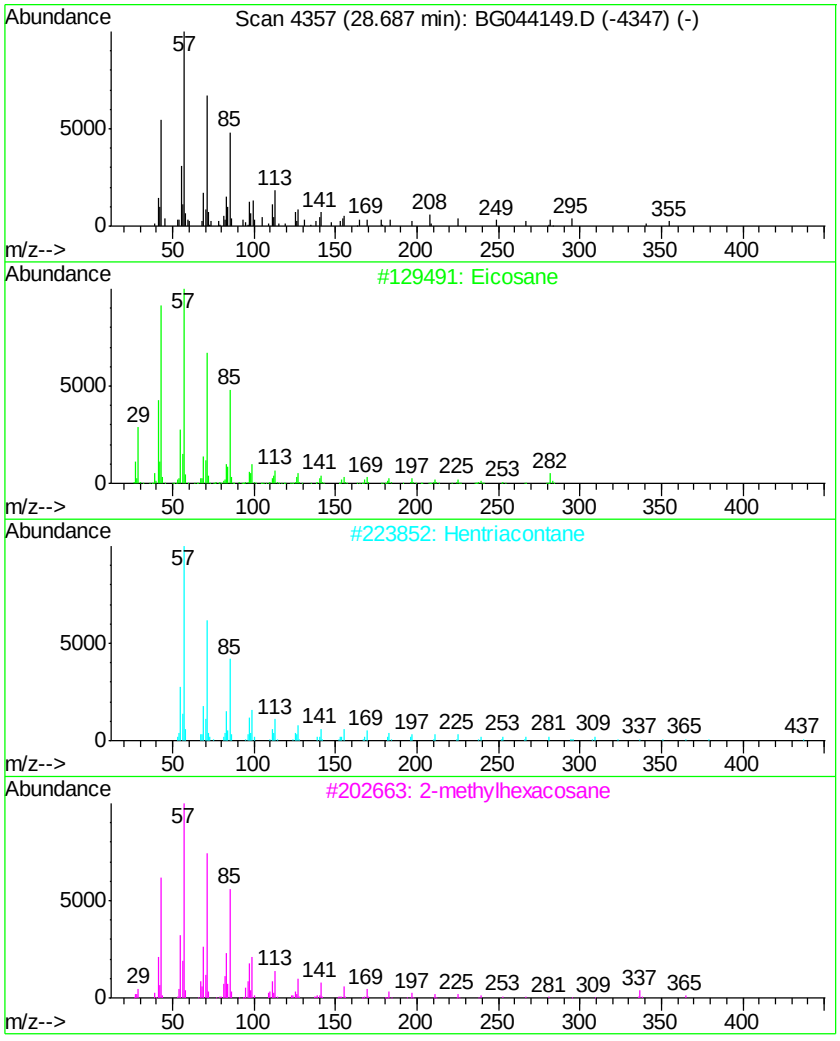
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

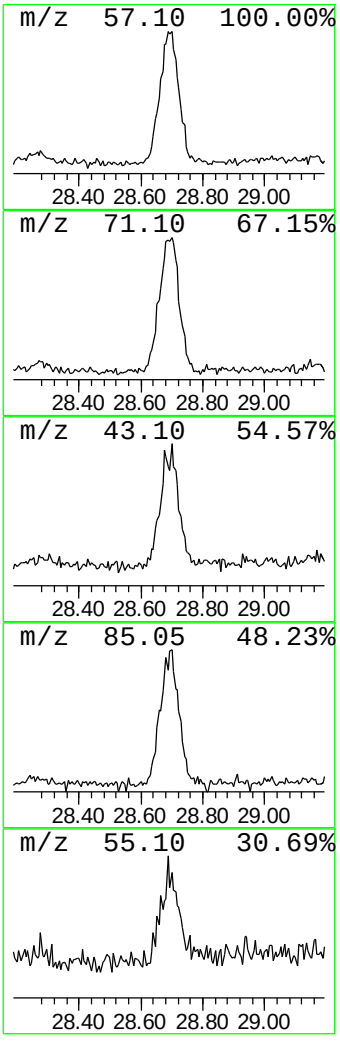
****

Peak Number 11 Docosane, 11-decyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.69	2.11 ng	143218	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hentriacontane	437	C31H64	000630-04-6	90
3	2-methylhexacosane	380	C27H56	1000376-72-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012120\
Data File : BG044149.D
Acq On : 22 Jan 2020 1:11
Operator : JU
Sample : L1202-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3-(SETTLED)

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
Phenol, p-tert-bu...	12.07	4.0	ng	151695	2	10.73	748229	20.0
1-Eicosene	21.23	12.5	ng	820164	5	21.55	1310710	20.0
Hexacosane	21.77	5.4	ng	355178	5	21.55	1310710	20.0
Nonadecane	22.36	9.7	ng	633566	5	21.55	1310710	20.0
Eicosane	23.03	13.4	ng	877068	5	21.55	1310710	20.0
Heptadecane	23.81	14.7	ng	995449	6	24.66	1357660	20.0
Octacosane	24.73	13.7	ng	928939	6	24.66	1357660	20.0
Heneicosane, 11-(...	27.12	6.0	ng	405509	6	24.66	1357660	20.0
Docosane, 11-decyl-	28.69	2.1	ng	143218	6	24.66	1357660	20.0