LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-2-27-2020

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-BG022420.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	5.374	383	389	405	rBV	258132	451833	12.07%	2.179%
2	6.978	655	662	676	rBV	167981	303033	8.09%	1.461%
3	7.801	796	802	812	rBV	207864	375262	10.02%	1.810%
4	8.124	850	857	874	rBV	837465	1459123	38.97%	7.036%
5	8.958	991	999	1011	rBV	661374	1186222	31.68%	5.720%
6	10.603	1272	1279	1288	rBV	307761	560204	14.96%	2.701%
7	13.077	1687	1700	1711	rBV	1916045	3137079	83.78%	15.127%
8	13.905	1836	1841	1848	rVB	132846	187003	4.99%	0.902%
9	14.452	1926	1934	1940	rBV2	553744	896875	23.95%	4.325%
10	14.516	1940	1945	1951	rVB	113384	184855	4.94%	0.891%
11	14.857	1997	2003	2008	rBV	28101	46575	1.24%	0.225%
12	15.198	2056	2061	2068	rBV	107535	152644	4.08%	0.736%
13	15.521	2109	2116	2122	rVB2	33027	74416	1.99%	0.359%
14	15.674	2138	2142	2146	rBV	50631	69058	1.84%	0.333%
15	15.944	2182	2188	2203	rBV2	1091483	1796305	47.97%	8.662%
16	16.132	2216	2220	2225	rBV	23871	40146	1.07%	0.194%
17	16.467	2272	2277	2282	rBV	83138	118802	3.17%	0.573%
18	17.201	2395	2402	2416	rVB	656222	1026682	27.42%	4.951%
19	18.112	2553	2557	2561	rBV2	44071	70390	1.88%	0.339%
20	19.640	2814	2817	2825	rVB2	64871	96415	2.57%	0.465%
21	19.822	2842	2848	2855	rBV	2795553	3744389	100.00%	18.055%
22	20.145	2900	2903	2908	rVB	45745	51991	1.39%	0.251%
23	20.615	2979	2983	2985	rBV2	80557	101124	2.70%	0.488%
24	20.638	2985	2987	2990	rVB	77371	72154	1.93%	0.348%
25	21.120	3064	3069	3079	rBV	244047	370420	9.89%	1.786%
26	21.432	3116	3122	3129	rBV	694958	1103429	29.47%	5.321%
27	21.643	3153	3158	3168	rVB	150446	223323	5.96%	1.077%
28	22.213	3250	3255	3263	rBV	170063	271639	7.25%	1.310%
29	22.865	3360	3366	3375	rVB	198149	376211	10.05%	1.814%
30	23.036	3391	3395	3405	rVB2	38613	72186	1.93%	0.348%
31	23.617	3487	3494	3504	rVB	192293	392573	10.48%	1.893%
32	24.452	3626	3636	3642	rBV	426756	1259085	33.63%	6.071%
33	25.544	3813	3822	3832	rVB2	110629	307123	8.20%	1.481%
34	26.796	4028	4035	4046	rVB3	46929	159653	4.26%	0.770%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-1-COMP-2-27-2020

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-BG022420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 20738222

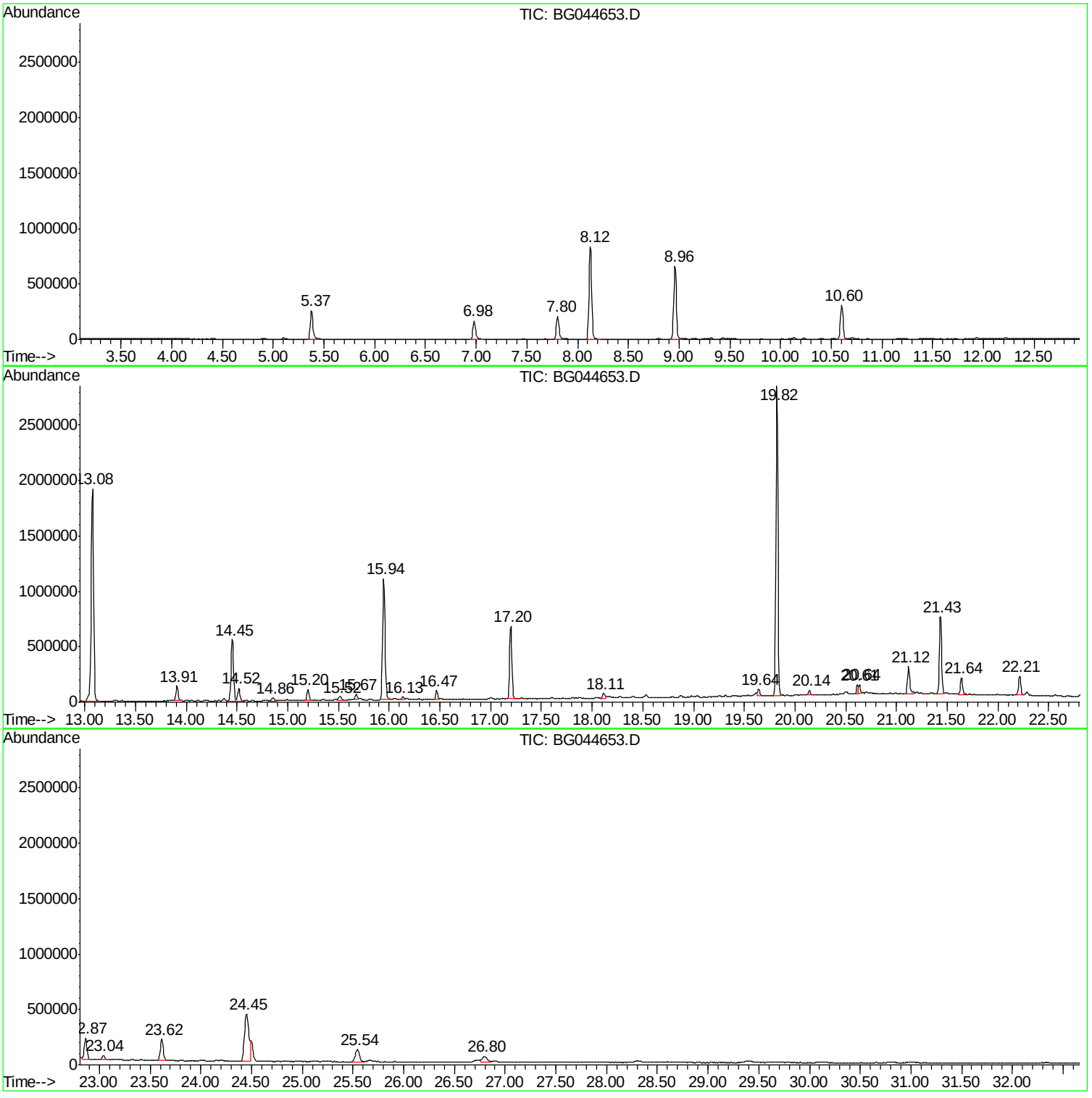
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-1-COMP-2-27-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.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\BG030220\
Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-2-27-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

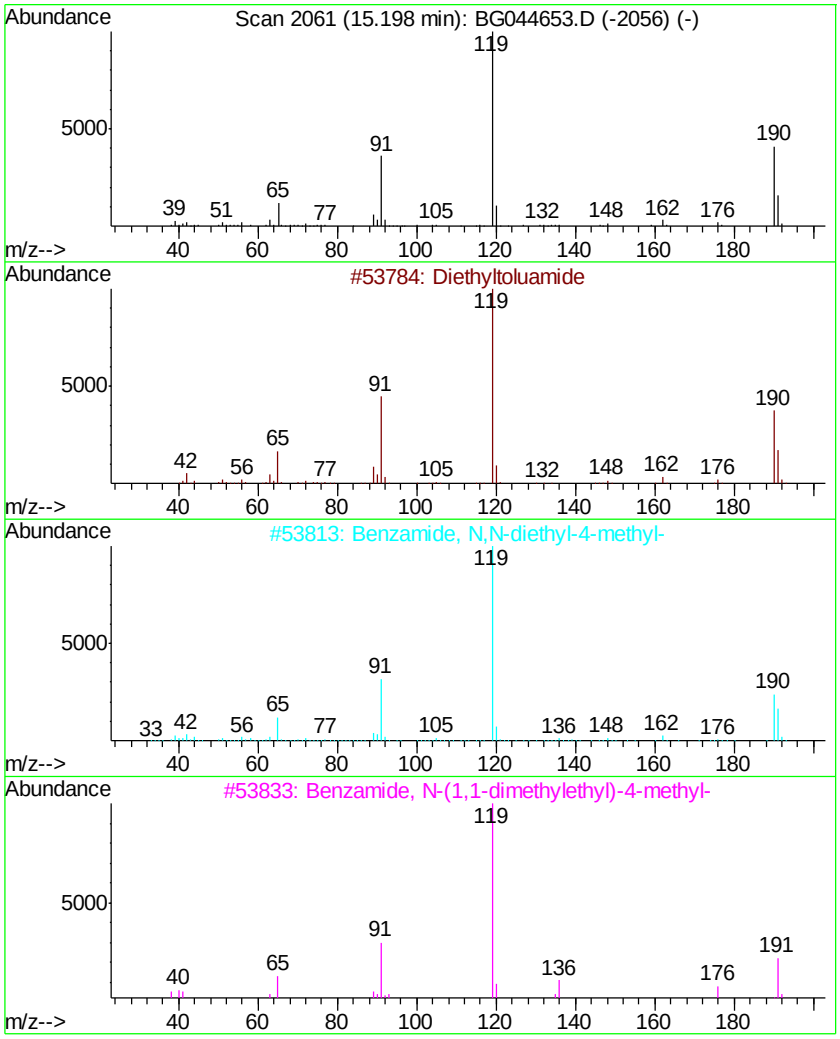
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

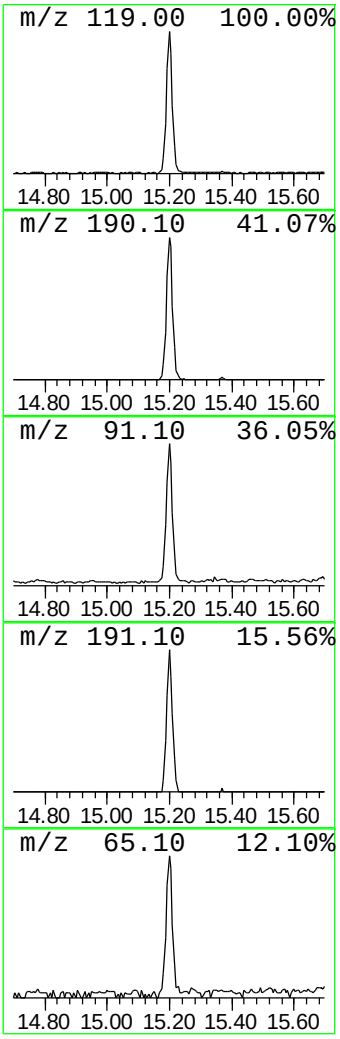
****

Peak Number 2 Diethyltoluamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	3.40 ng	152644	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
3	Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	64
4	p-Toluic acid, 3-chloroprop-2-en...	210	C11H11ClO2	1000292-51-0	50
5	p-Toluic acid, but-3-yn-2-yl ester	188	C12H12O2	1000292-50-1	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-2-27-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

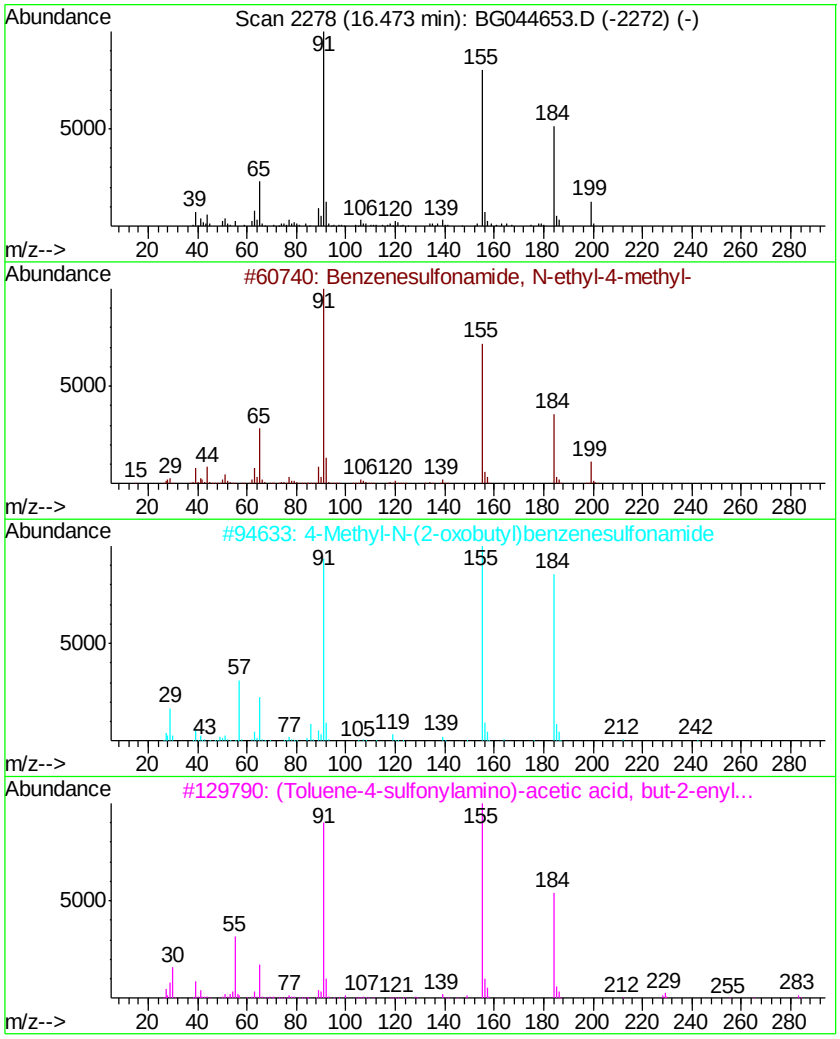
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

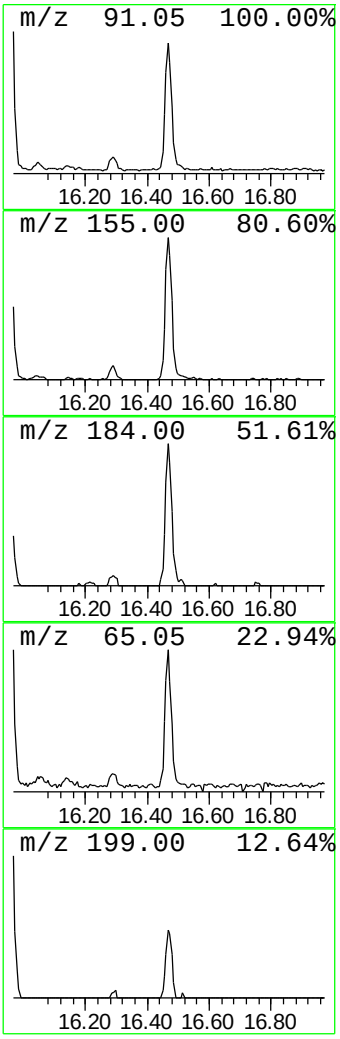
****

Peak Number 3 Benzenesulfonamide, N-ethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.31 ng	118802	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	96
2	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	90
3	(Toluene-4-sulfonylamino)-acetic...	283	C13H17NO4S	1000190-48-0	86
4	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	83
5	N-Tosyloxy-2,2-bis(trifluorometh...	349	C11H9F6NO3S	038436-38-3	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-2-27-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

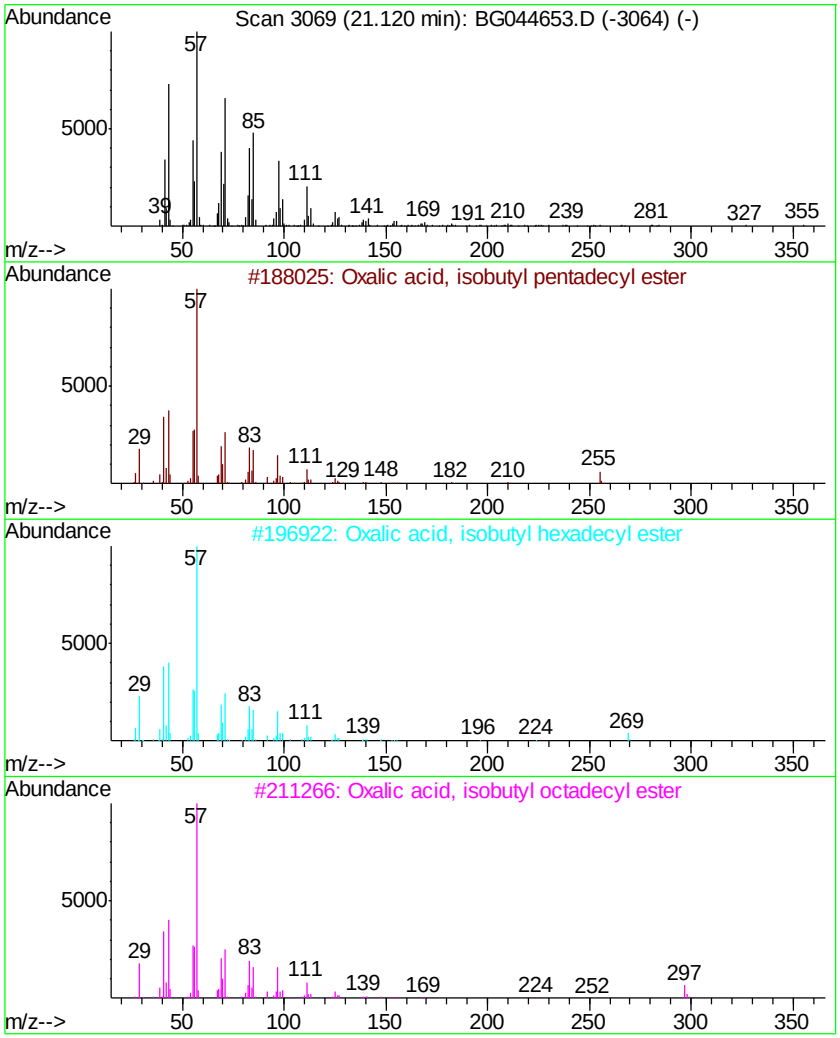
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

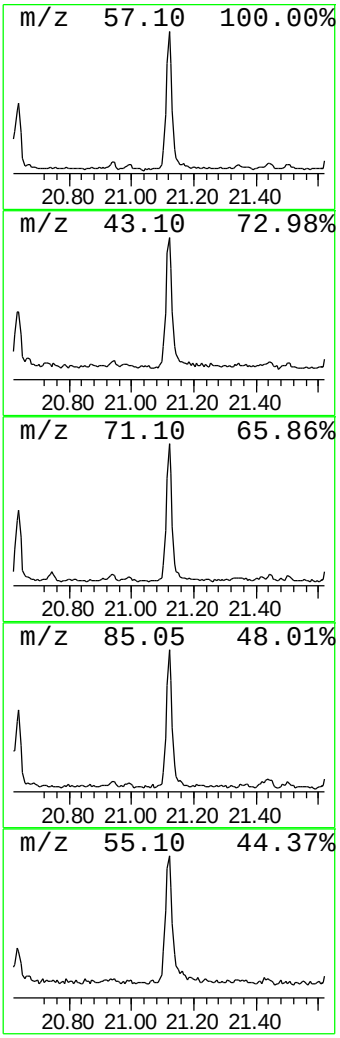
****

Peak Number 4 Oxalic acid, isobutyl penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	6.71 ng	370420	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-2-27-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.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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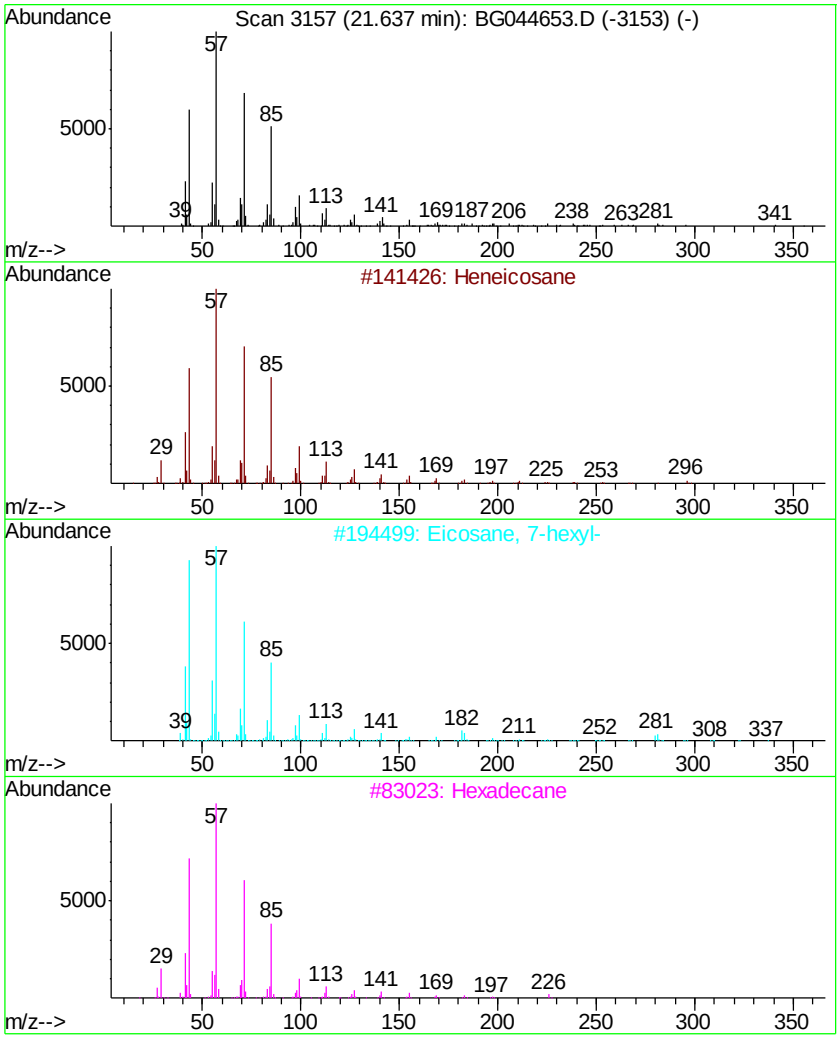
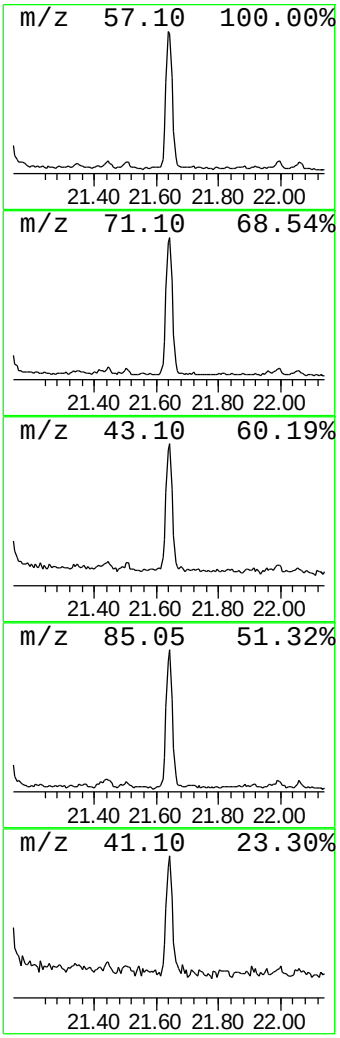
Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	4.05 ng	223323	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-2-27-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

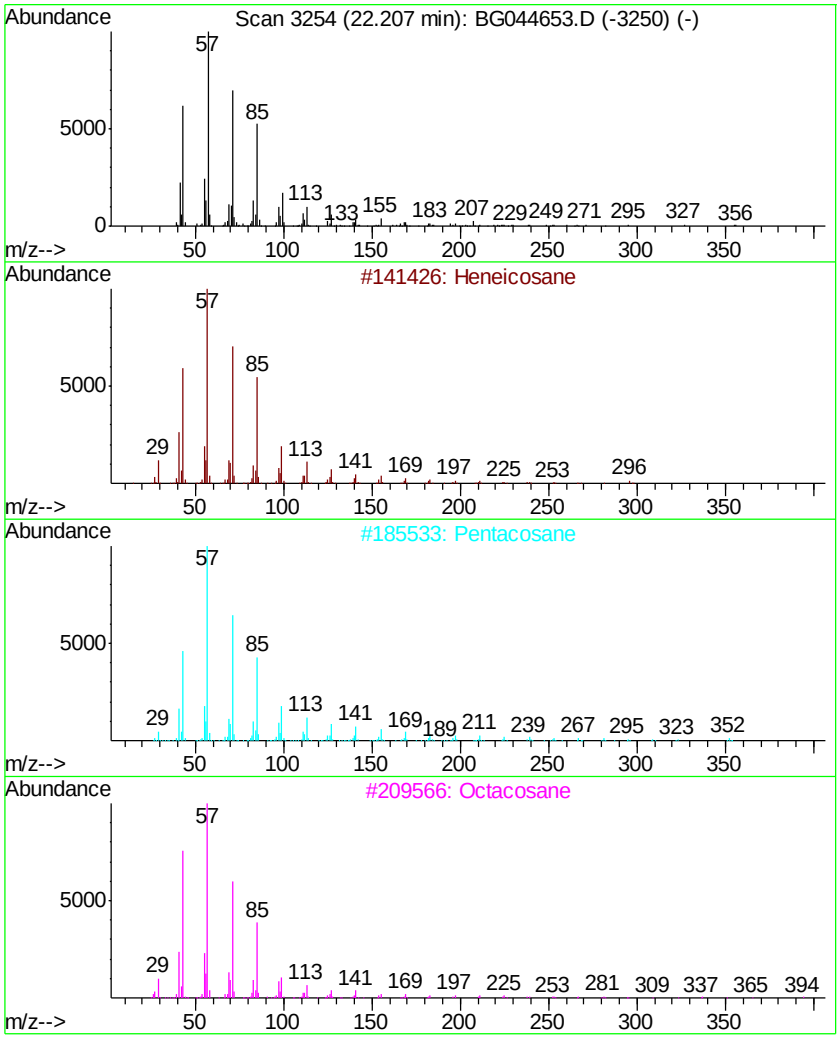
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

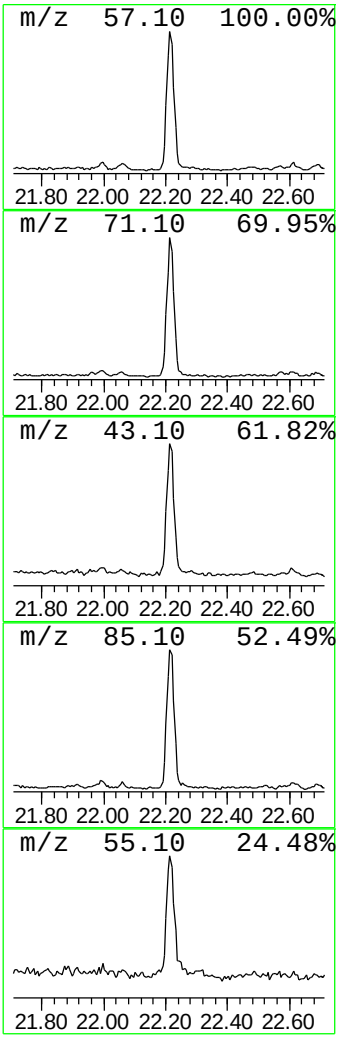
****

Peak Number 6 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	4.92 ng	271639	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-2-27-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

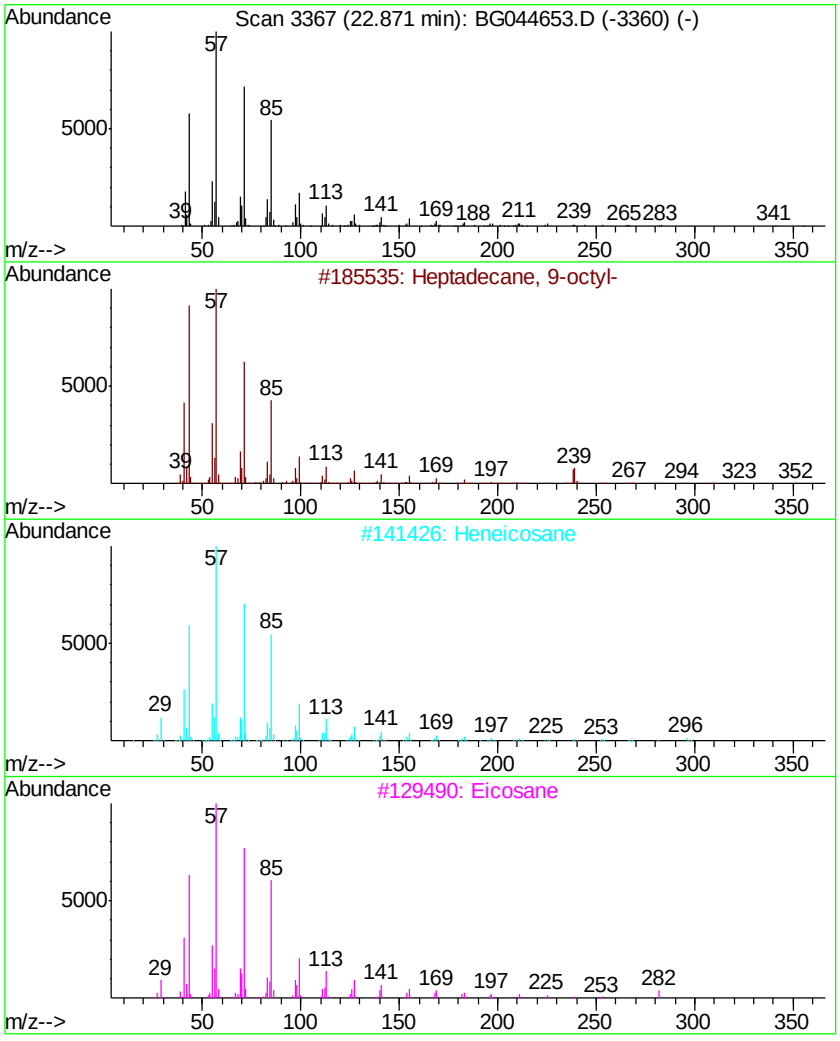
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

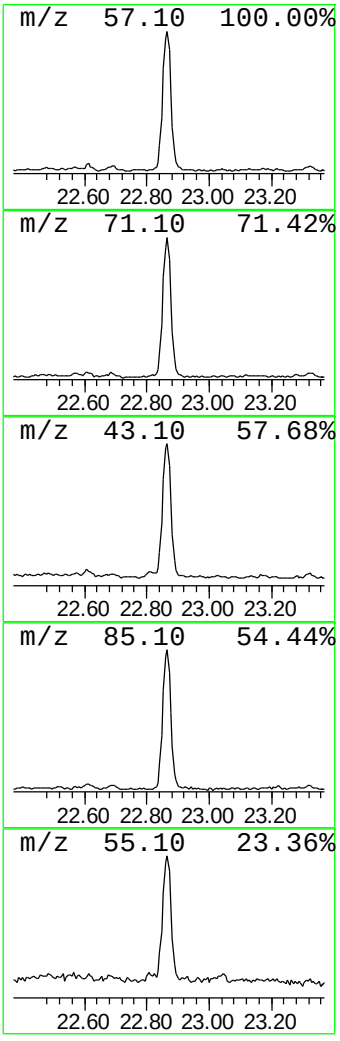
****

Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	6.82 ng	376211	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

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Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-2-27-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.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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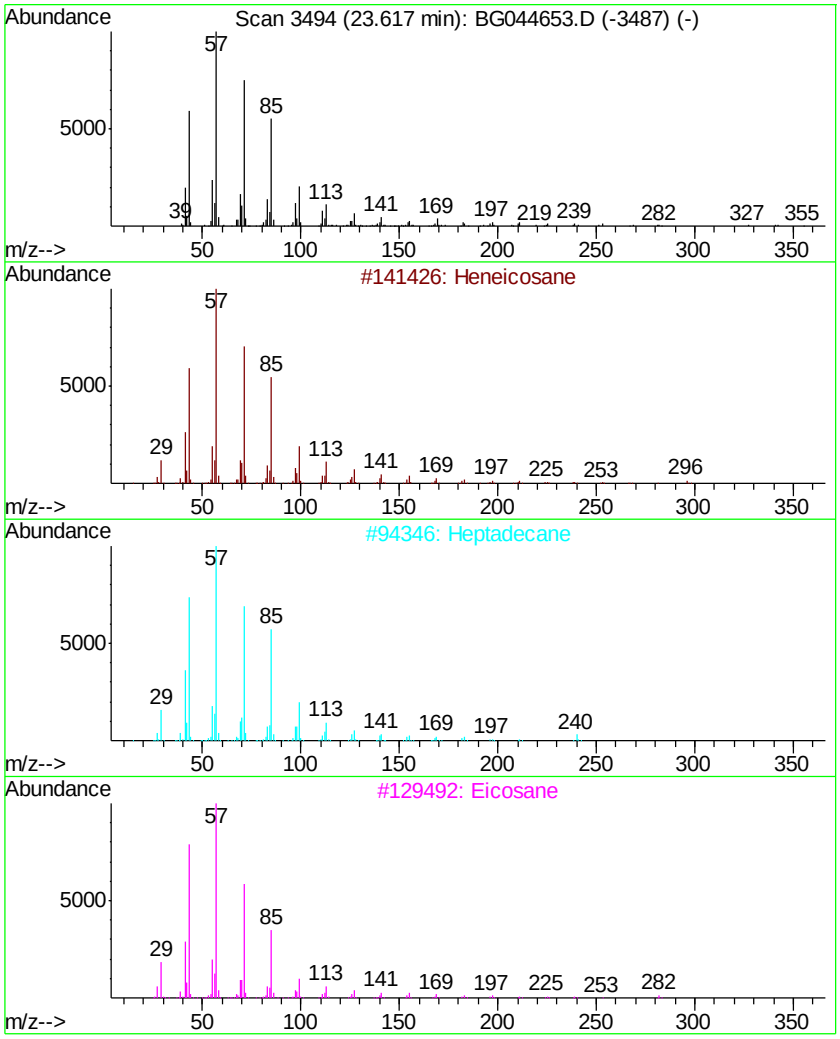
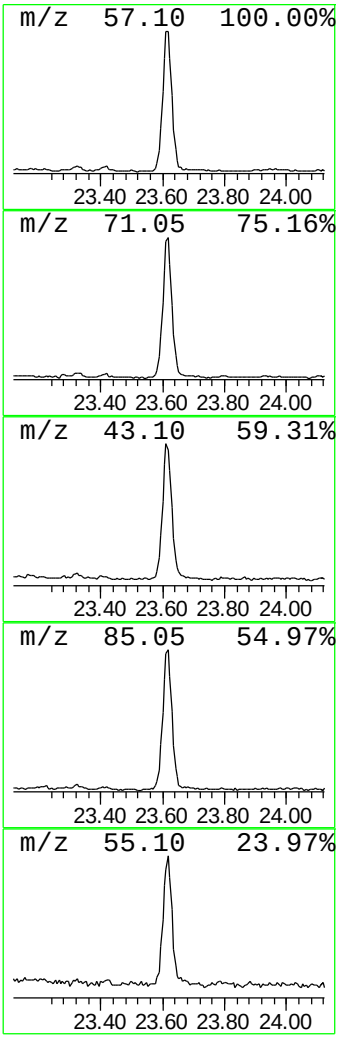
Peak Number 8 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.62	6.24 ng	392573	Perylene-d12	24.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-2-27-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

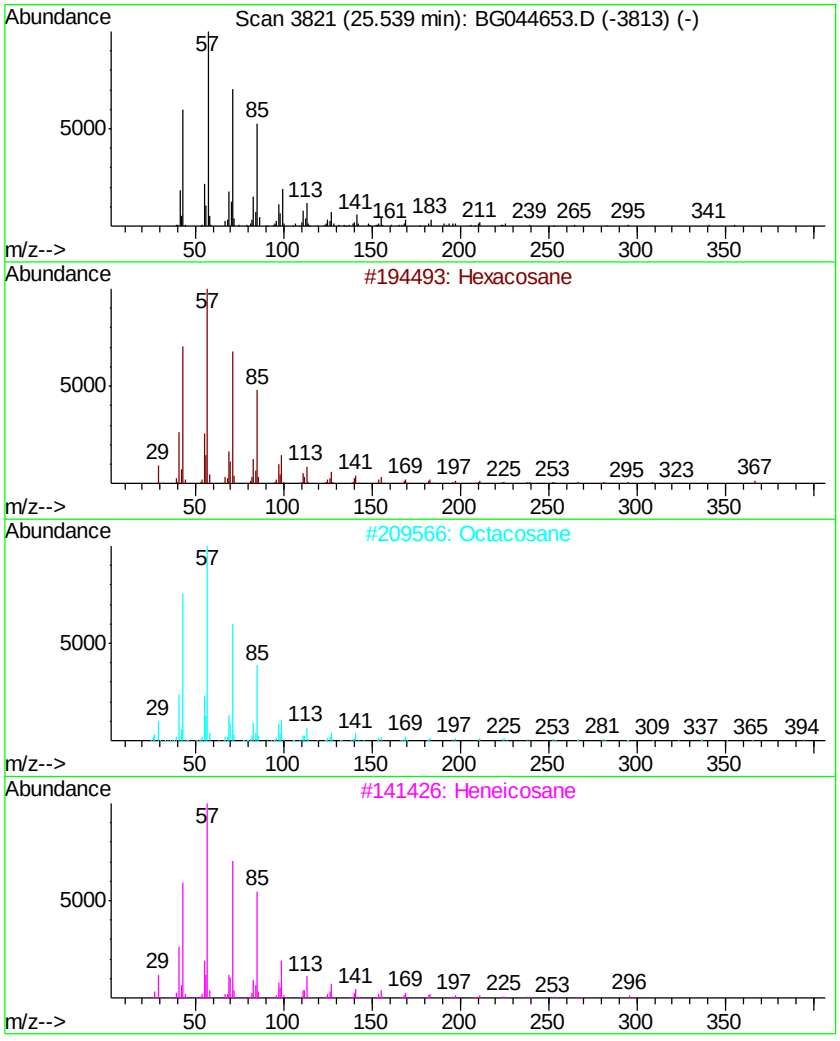
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

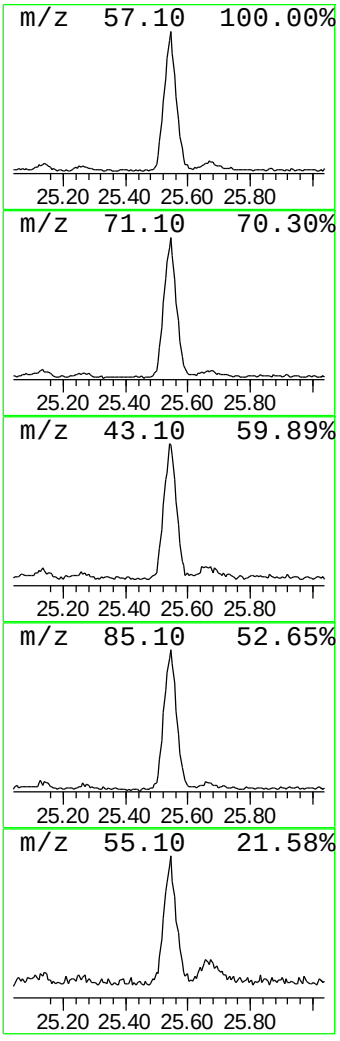
****

Peak Number 9 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.54	4.88 ng	307123	Perylene-d12	24.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-1-COMP-2-27-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.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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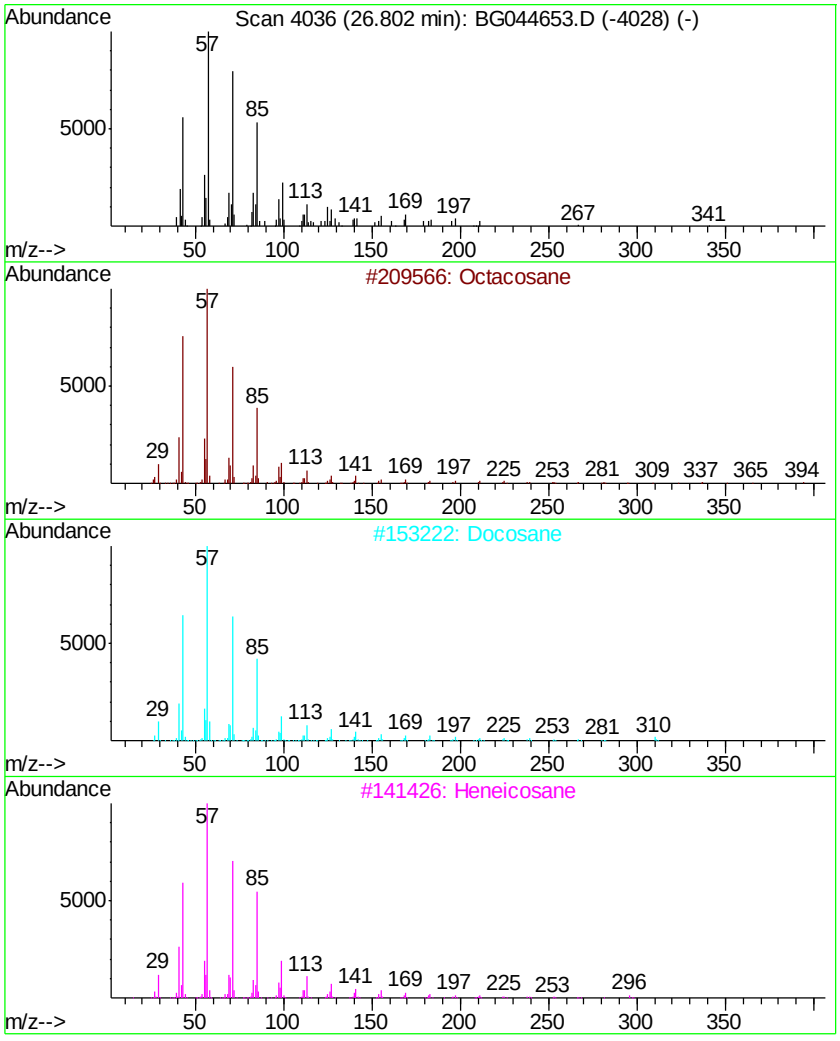
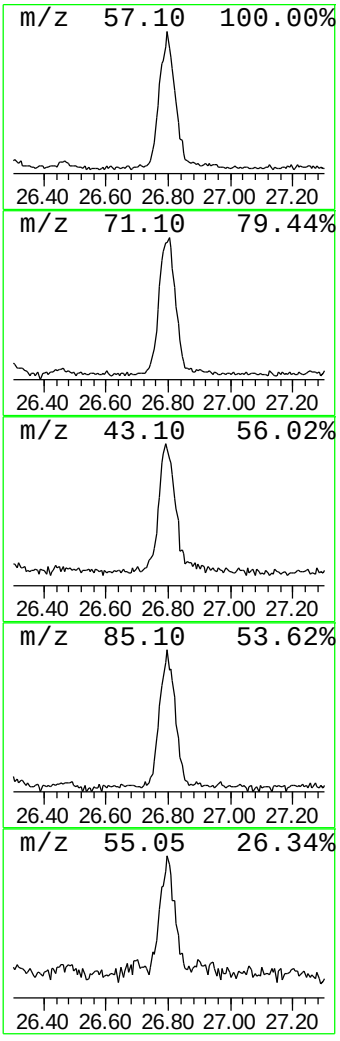
Peak Number 10 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.80	2.54 ng	159653	Perylene-d12	24.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Docosane	310	C22H46	000629-97-0	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octadecane	254	C18H38	000593-45-3	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030220\
Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-1-COMP-2-27-2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.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
Diethyltoluamide	15.20	3.4	ng	152644	3	14.45	896875	20.0
Benzenesulfonamid...	16.47	2.3	ng	118802	4	17.20	1026680	20.0
Oxalic acid, isob...	21.12	6.7	ng	370420	5	21.43	1103430	20.0
Heneicosane	21.64	4.0	ng	223323	5	21.43	1103430	20.0
Pentacosane	22.21	4.9	ng	271639	5	21.43	1103430	20.0
Heptadecane, 9-oc...	22.87	6.8	ng	376211	5	21.43	1103430	20.0
Heptadecane	23.62	6.2	ng	392573	6	24.45	1259090	20.0
Hexacosane	25.54	4.9	ng	307123	6	24.45	1259090	20.0
Octacosane	26.80	2.5	ng	159653	6	24.45	1259090	20.0