LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045102.D
Acq On : 20 Apr 2020 19:03
Operator : CG/JU
Sample : L2346-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-6

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-BG041520.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	3.125	3	6	13	rVB2	39899	73520	1.40%	0.299%
2	5.598	418	427	440	rBV	762204	1246394	23.67%	5.071%
3	7.190	690	698	709	rBV	961521	1702225	32.33%	6.926%
4	8.024	832	840	849	rVB	222722	400025	7.60%	1.628%
5	8.347	885	895	903	rBV	748360	1317573	25.03%	5.361%
6	9.182	1028	1037	1045	rBV	686186	1229225	23.35%	5.001%
7	10.832	1309	1318	1326	rBV	337139	630977	11.98%	2.567%
8	13.282	1728	1735	1745	rBV	2196793	3573353	67.87%	14.538%
9	13.993	1850	1856	1865	rBV3	140315	221019	4.20%	0.899%
10	14.104	1865	1875	1881	rBV	155376	249861	4.75%	1.017%
11	14.657	1961	1969	1977	rBV	618467	976758	18.55%	3.974%
12	16.149	2215	2223	2234	rBV	1944140	3014771	57.26%	12.266%
13	17.406	2430	2437	2446	rVB	765838	1185528	22.52%	4.823%
14	18.880	2684	2688	2698	rBV6	32964	59249	1.13%	0.241%
15	20.014	2875	2881	2887	rBV	4028764	5264988	100.00%	21.421%
16	21.324	3099	3104	3114	rVB2	163771	280336	5.32%	1.141%
17	21.665	3156	3162	3170	rVB	706918	1215206	23.08%	4.944%
18	21.876	3194	3198	3203	rVB2	52924	78135	1.48%	0.318%
19	22.493	3297	3303	3313	rBV4	113719	275461	5.23%	1.121%
20	23.180	3415	3420	3425	rVB2	96055	183174	3.48%	0.745%
21	23.979	3551	3556	3564	rBV3	97839	199504	3.79%	0.812%
22	24.860	3697	3706	3714	rBV3	405859	1201775	22.83%	4.889%

Sum of corrected areas: 24579057

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
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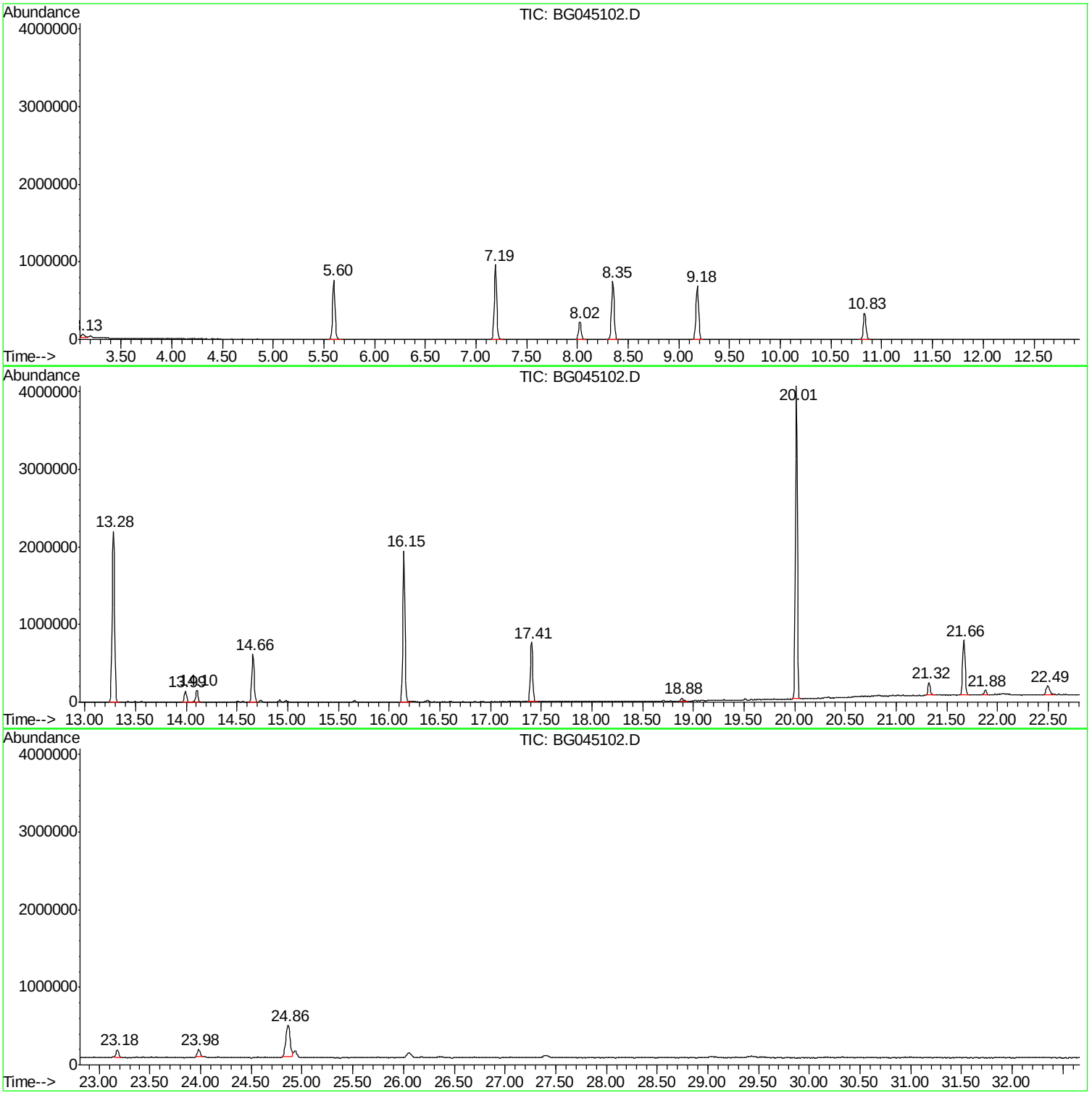
Operator : CG/JU
Sample : L2346-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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\BG042020\
Data File : BG045102.D
Acq On : 20 Apr 2020 19:03
Operator : CG/JU
Sample : L2346-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

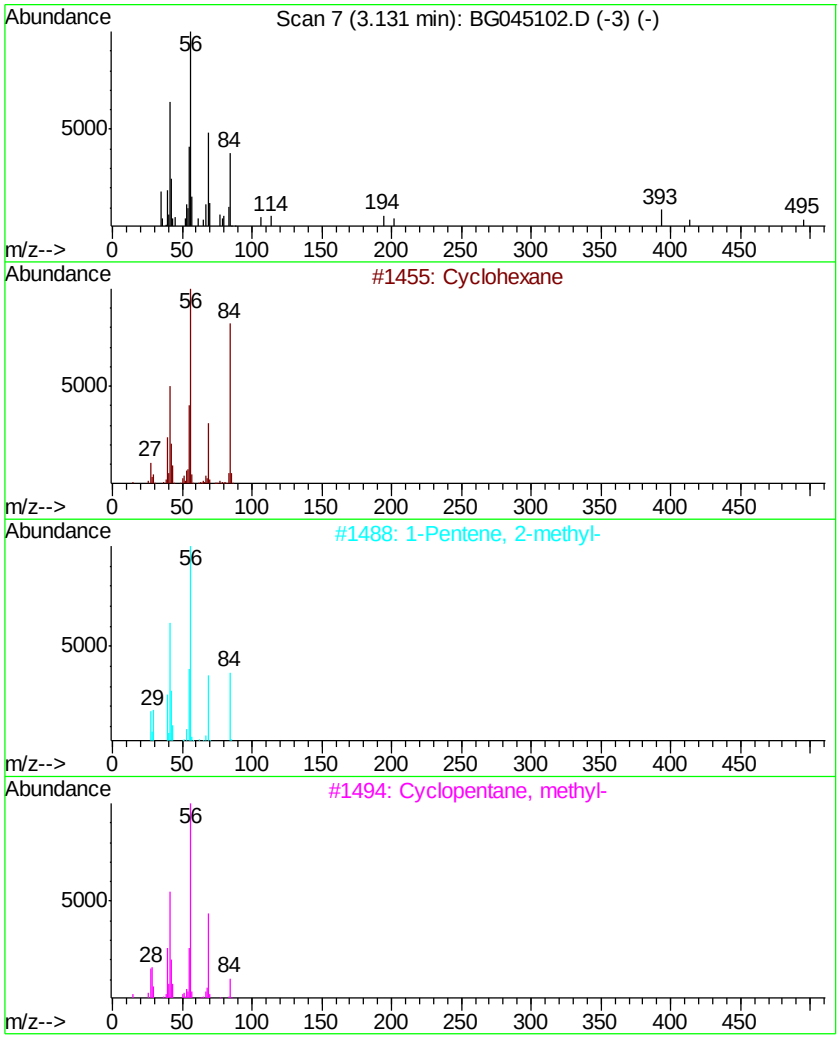
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

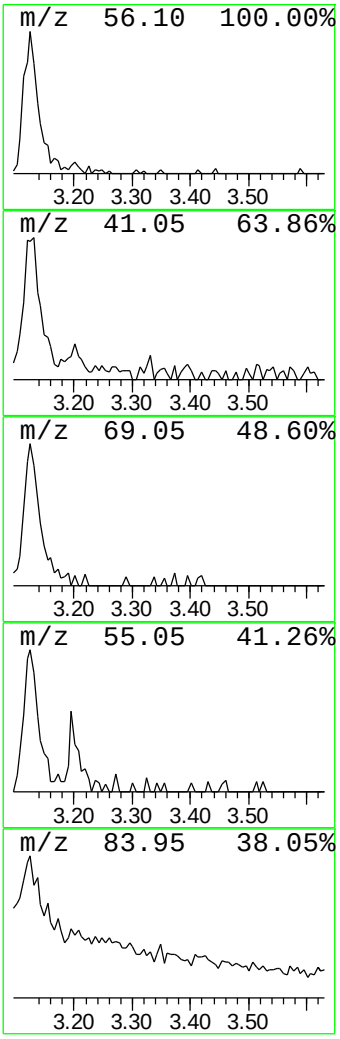
****

Peak Number 1 Cyclohexane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	3.68 ng	73520	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	86
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	43
4	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	39
5	Iron pentacarbonyl	196	C5FeO5	013463-40-6	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045102.D
Acq On : 20 Apr 2020 19:03
Operator : CG/JU
Sample : L2346-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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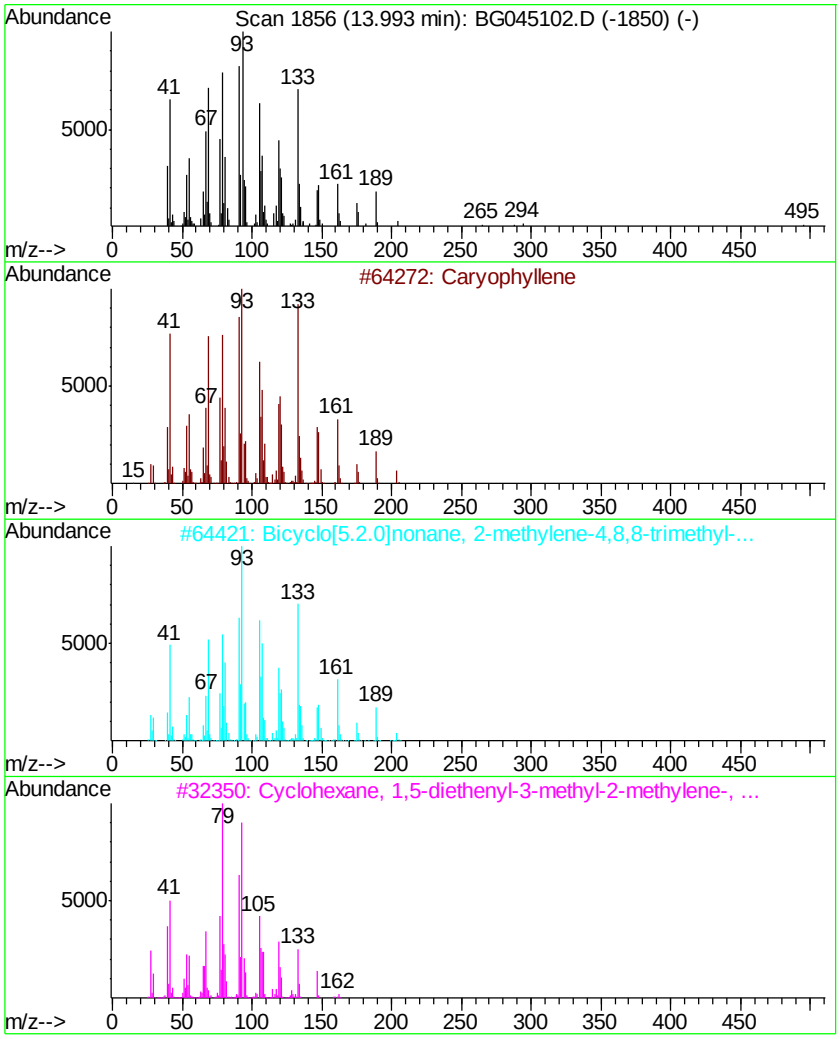
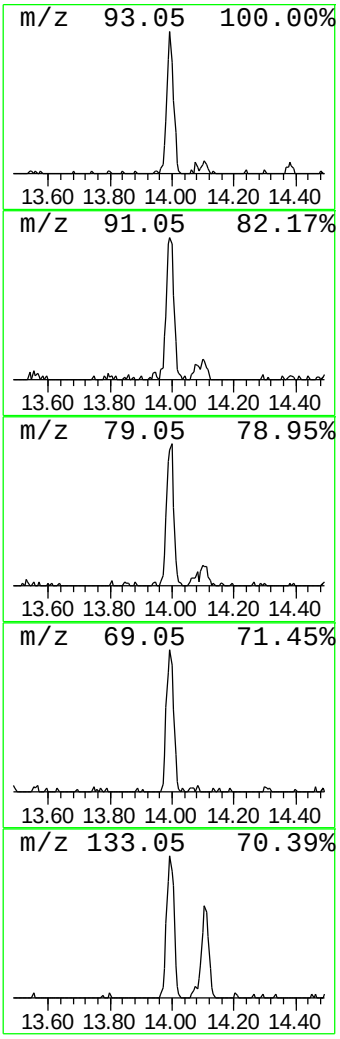
Peak Number 3 Caryophyllene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	4.53 ng	221019	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	92
2	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	89
3	Cyclohexane, 1,5-diethenyl-3-met...	162	C12H18	074742-35-1	68
4	11,11-Dimethyl-spiro[2,9]dodeca-...	190	C14H22	1000062-28-4	46
5	(+)-2-Carene, 4-.alpha.-isoprope...	176	C13H20	1000151-26-0	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045102.D
Acq On : 20 Apr 2020 19:03
Operator : CG/JU
Sample : L2346-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

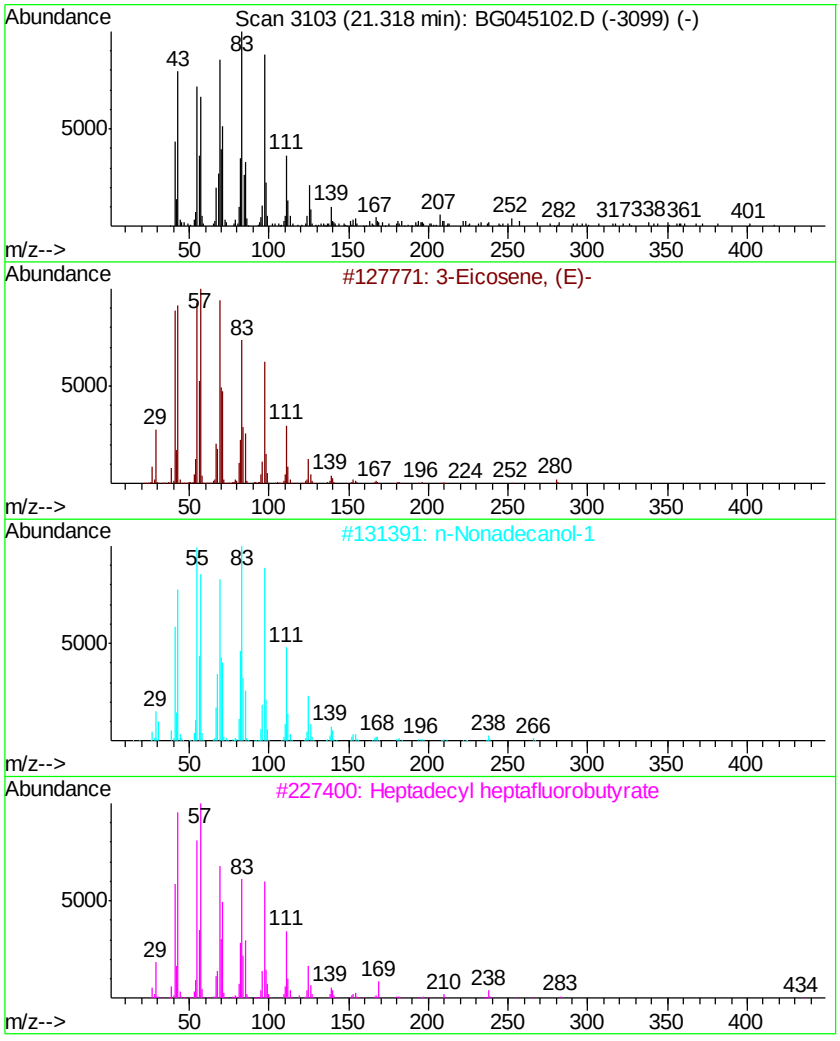
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

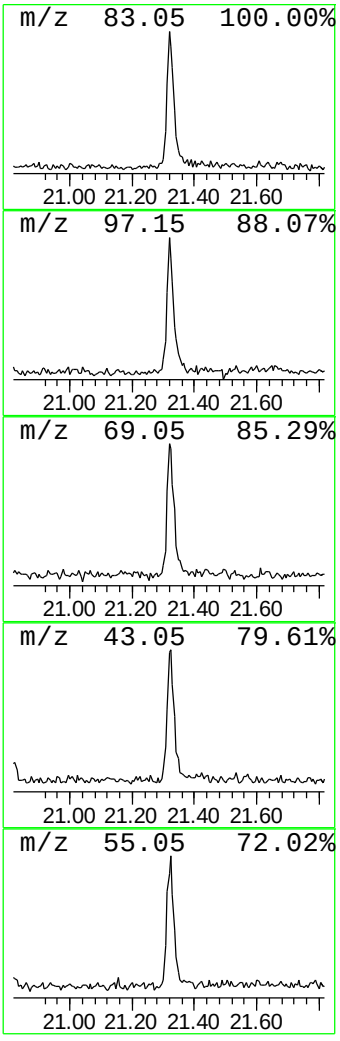
****

Peak Number 4 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.61 ng	280336	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	89
5	1-Heneicosanol	312	C21H44O	015594-90-8	87





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Data File : BG045102.D
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Operator : CG/JU
Sample : L2346-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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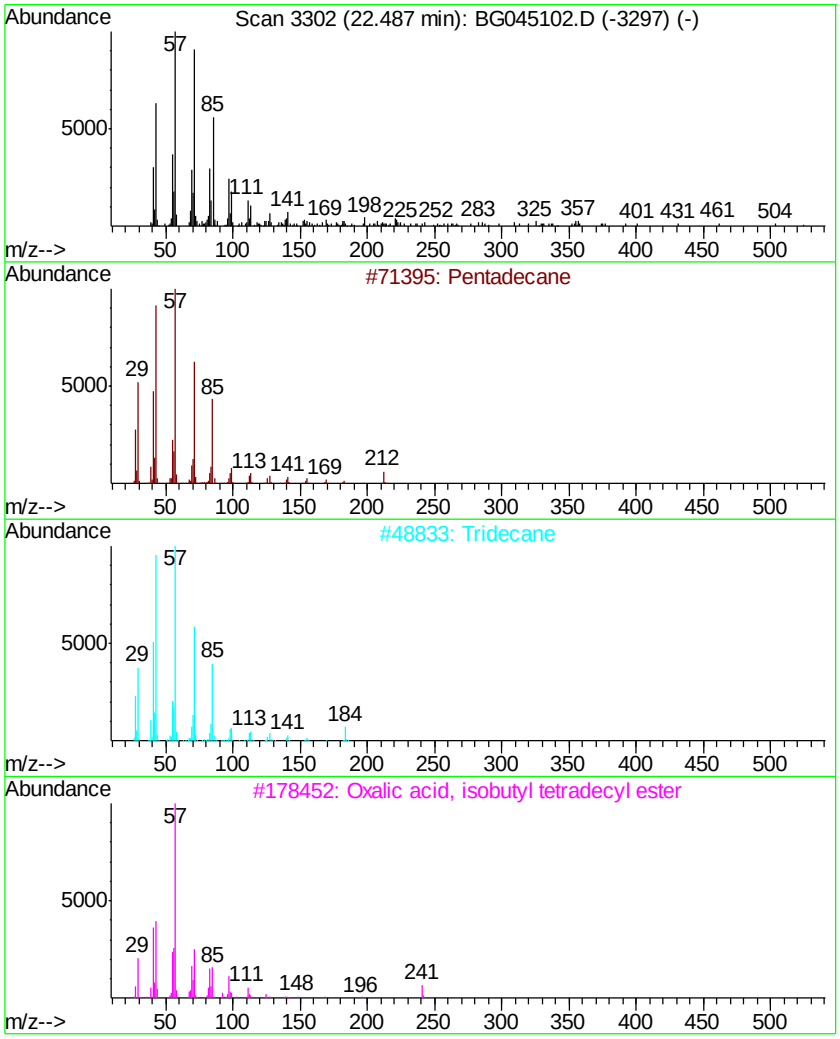
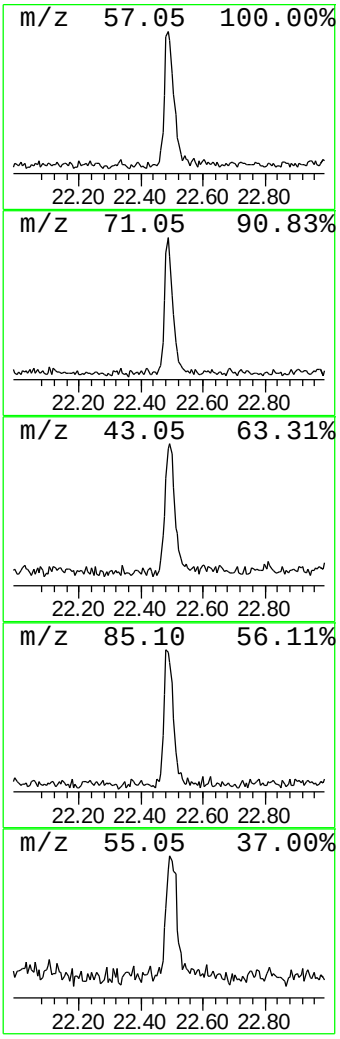
Peak Number 5 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	4.53 ng	275461	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	89
2	Tridecane	184	C13H28	000629-50-5	89
3	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	86
4	1-Octadecene	252	C18H36	000112-88-9	83
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
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Acq On : 20 Apr 2020 19:03
Operator : CG/JU
Sample : L2346-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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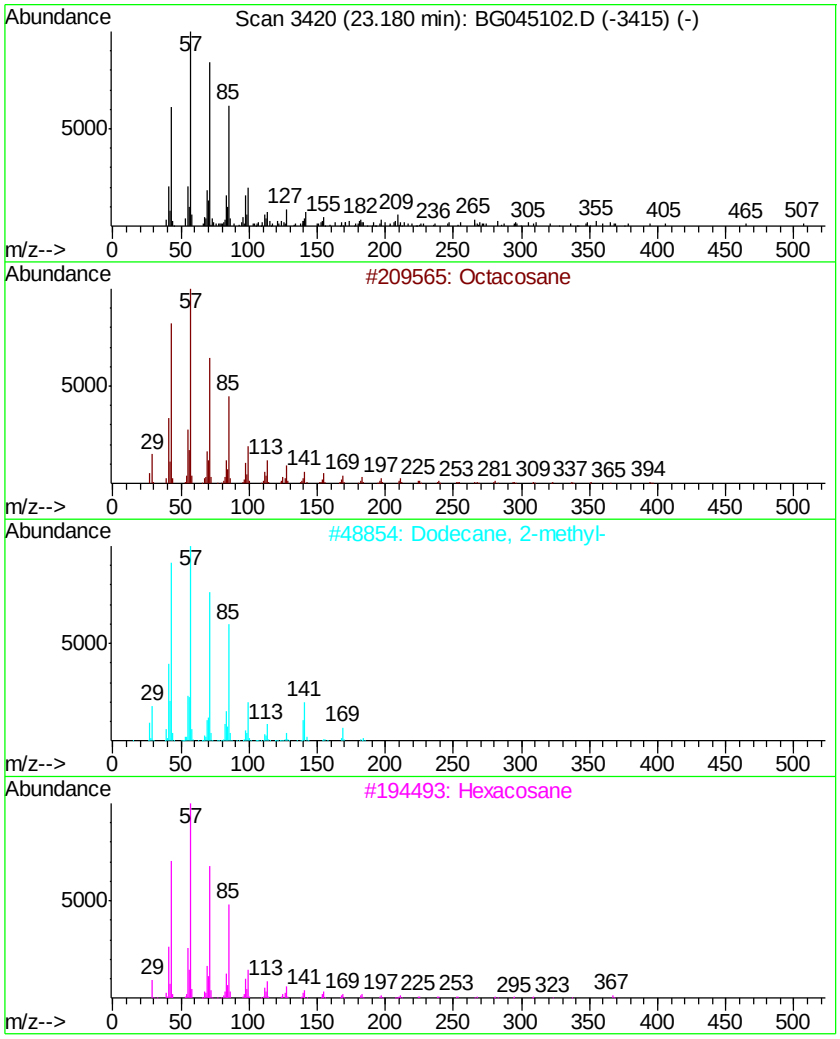
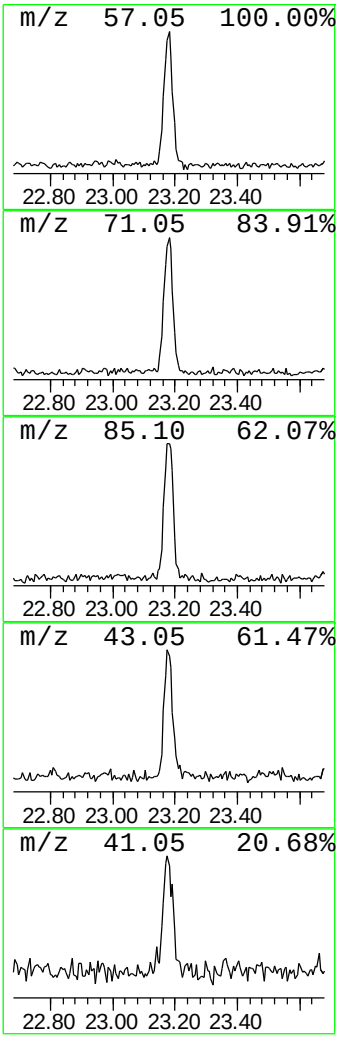
Peak Number 6 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	3.01 ng	183174	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3	Hexacosane	366	C26H54	000630-01-3	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Pentacosane	352	C25H52	000629-99-2	80





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Sample : L2346-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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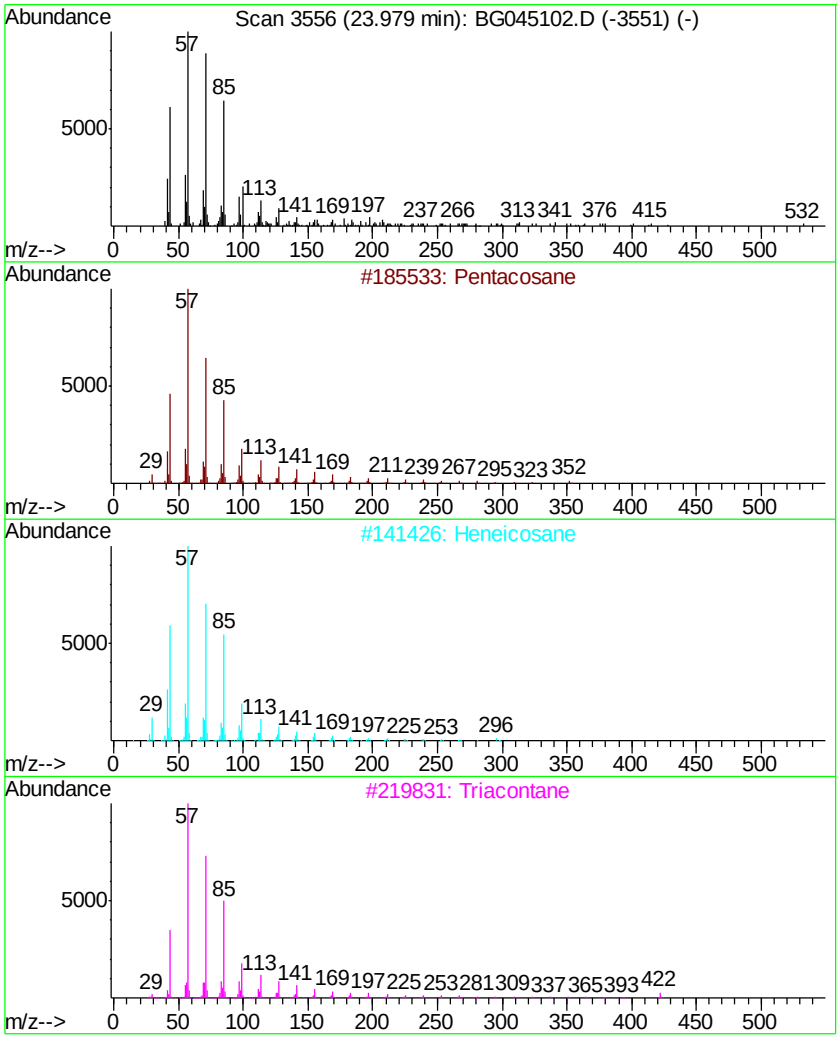
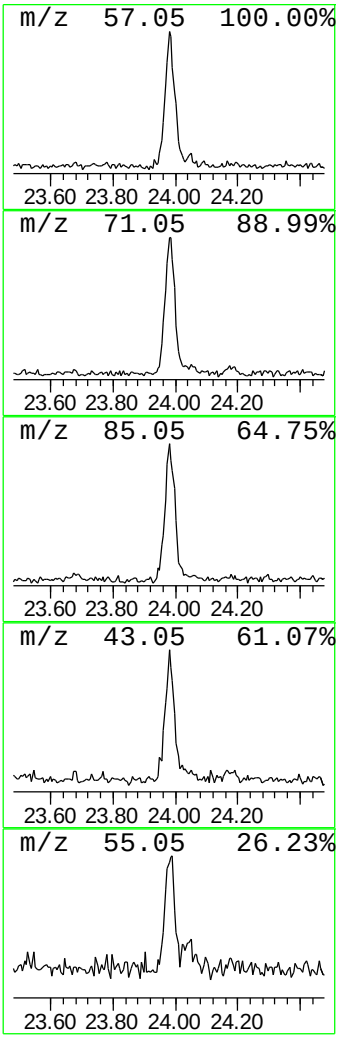
Peak Number 7 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	3.32 ng	199504	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Triacontane	422	C30H62	000638-68-6	86
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
5	Heptadecane	240	C17H36	000629-78-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042020\
Data File : BG045102.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
Cyclohexane	3.13	3.7	ng	73520	1	8.02	400025	20.0
Caryophyllene	13.99	4.5	ng	221019	3	14.66	976758	20.0
3-Eicosene, (E)-	21.32	4.6	ng	280336	5	21.66	1215210	20.0
Pentadecane	22.49	4.5	ng	275461	5	21.66	1215210	20.0
Octacosane	23.18	3.0	ng	183174	5	21.66	1215210	20.0
Pentacosane	23.98	3.3	ng	199504	6	24.85	1201780	20.0