LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044878.D
Acq On : 19 Mar 2020 00:27
Operator : CG/JU
Sample : L1942-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10-DA

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-BG031020.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	3.147	5	10	18	rBV	69056	137815	3.33%	0.591%
2	3.223	20	23	31	rVB2	38904	57011	1.38%	0.245%
3	5.614	422	430	440	rVB	965336	1637774	39.59%	7.025%
4	7.201	692	700	709	rBV	992355	1752542	42.36%	7.517%
5	8.041	837	843	850	rBV	234724	420502	10.16%	1.804%
6	8.364	891	898	911	rBV	739766	1343182	32.47%	5.761%
7	9.198	1030	1040	1049	rBV	598730	1105669	26.73%	4.742%
8	10.850	1313	1321	1329	rBV	309952	576045	13.92%	2.471%
9	13.300	1730	1738	1745	rBV	1536359	2424162	58.60%	10.398%
10	14.122	1871	1878	1884	rBV	178182	274326	6.63%	1.177%
11	14.674	1965	1972	1979	rVB	501785	812978	19.65%	3.487%
12	16.161	2218	2225	2233	rBV	1308898	2062004	49.84%	8.844%
13	17.418	2431	2439	2447	rBV	668082	1070126	25.87%	4.590%
14	18.317	2588	2592	2599	rBV2	90326	141151	3.41%	0.605%
15	20.027	2877	2883	2890	rBV	3002422	4137071	100.00%	17.745%
16	21.343	3102	3107	3118	rBV	405241	730717	17.66%	3.134%
17	21.684	3157	3165	3174	rBV2	775314	1323090	31.98%	5.675%
18	21.907	3198	3203	3208	rBV2	78831	121449	2.94%	0.521%
19	22.524	3302	3308	3314	rBV2	126066	236258	5.71%	1.013%
20	23.217	3421	3426	3437	rVB	159849	300218	7.26%	1.288%
21	24.028	3558	3564	3572	rBV	162488	341780	8.26%	1.466%
22	24.886	3700	3710	3720	rBV2	446222	1294715	31.30%	5.553%
23	24.986	3720	3727	3735	rVB2	138680	358411	8.66%	1.537%
24	26.132	3913	3922	3930	rBV2	100018	295560	7.14%	1.268%
25	26.237	3932	3940	3952	rVV9	53195	187019	4.52%	0.802%
26	27.495	4144	4154	4163	rBV4	46638	173057	4.18%	0.742%

Sum of corrected areas: 23314632

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
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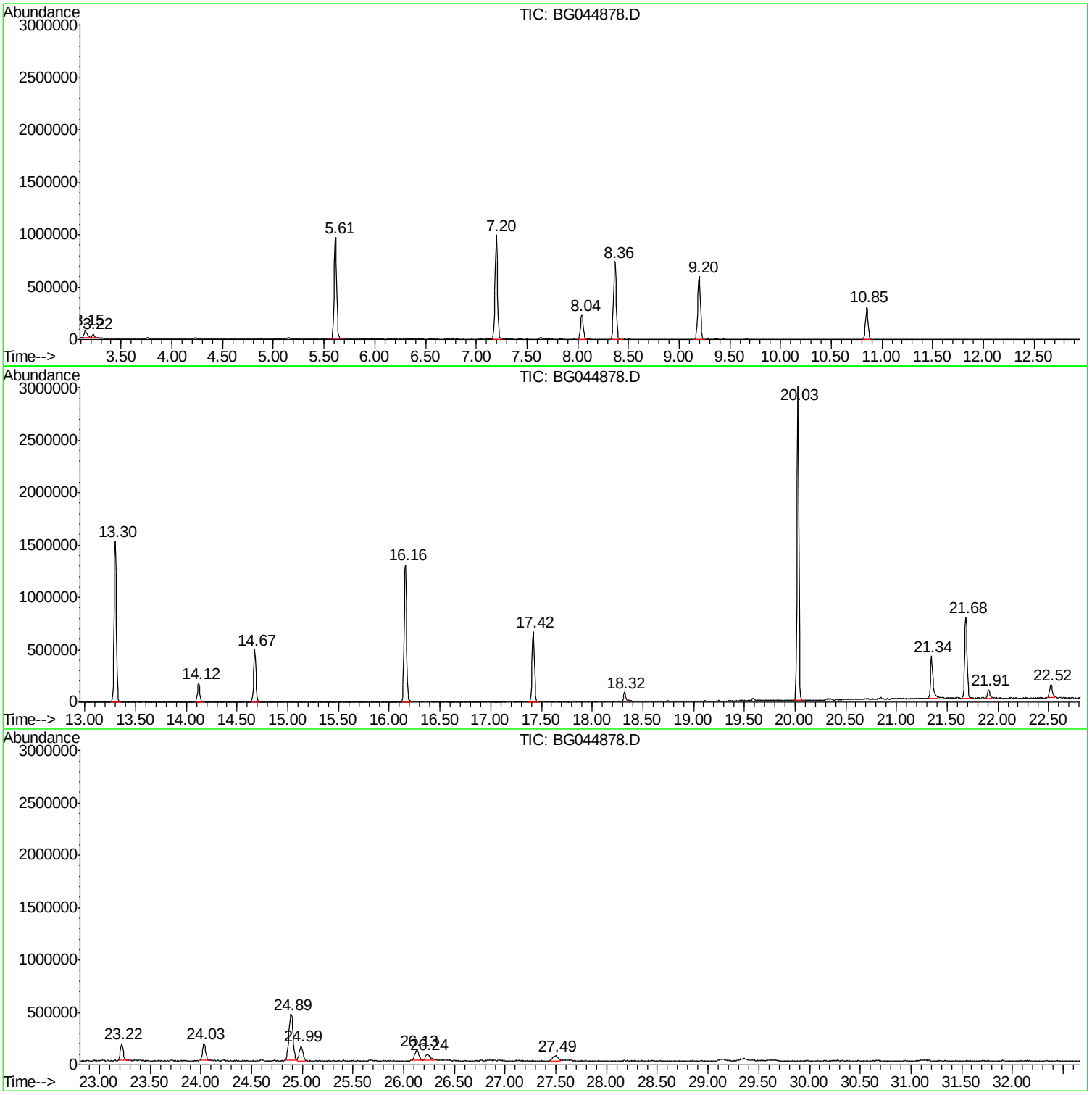
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-10-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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 : BG044878.D
Acq On : 19 Mar 2020 00:27
Operator : CG/JU
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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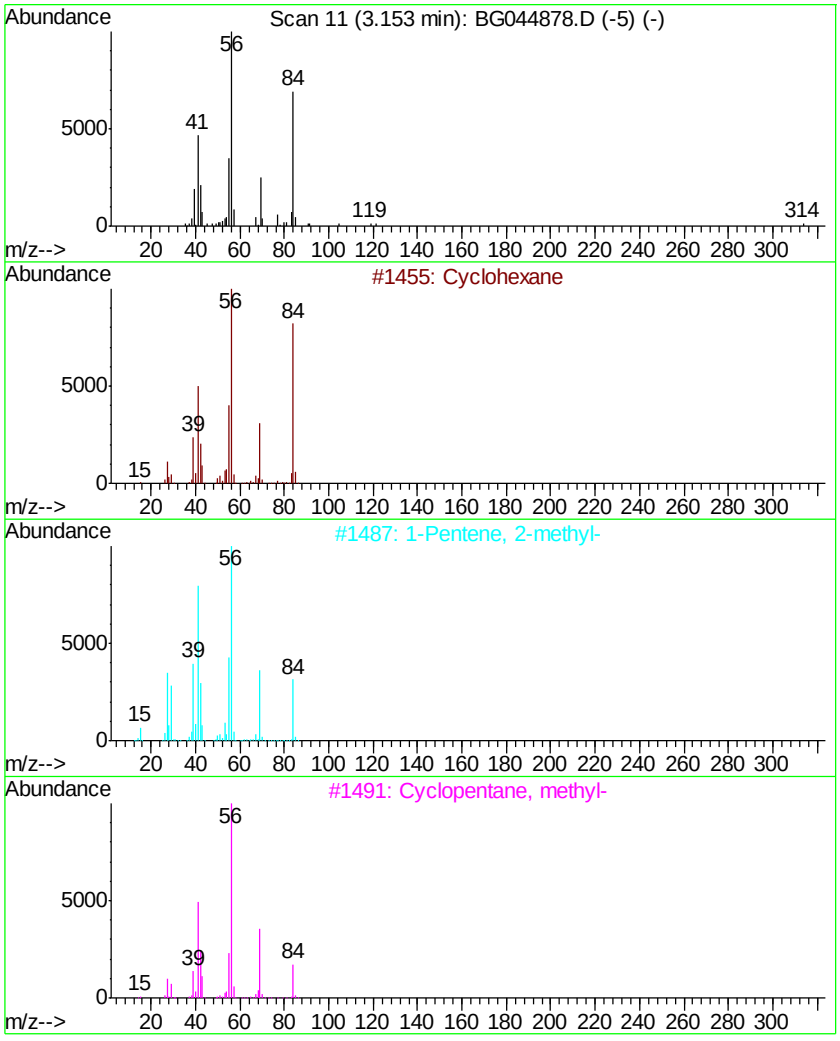
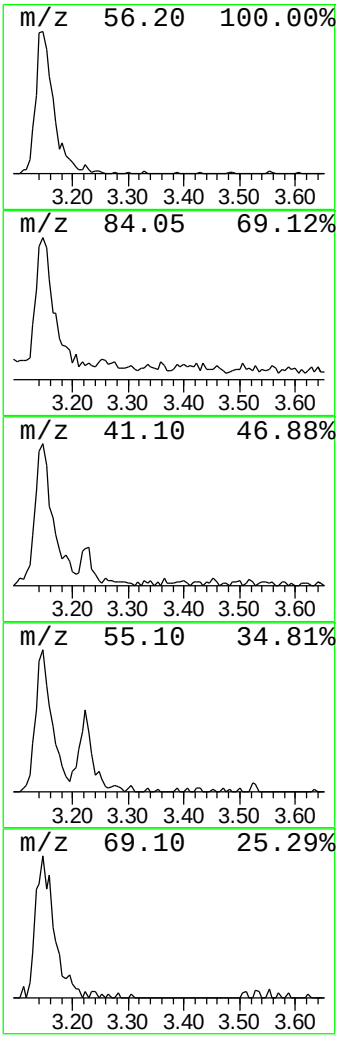
****

Peak Number 1 Cyclohexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	6.55 ng	137815	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
4	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	50
5	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044878.D
Acq On : 19 Mar 2020 00:27
Operator : CG/JU
Sample : L1942-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

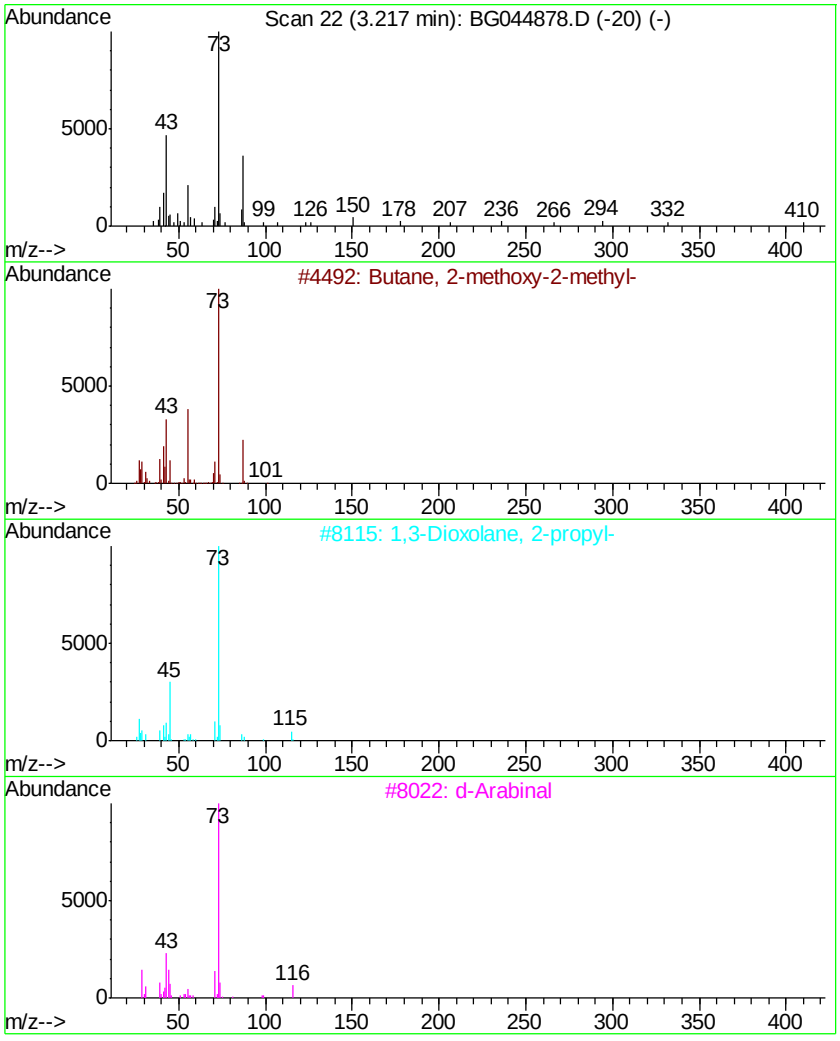
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

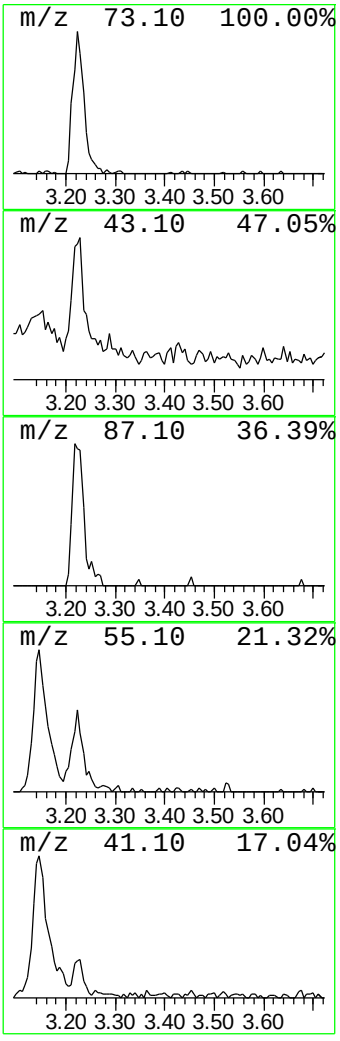
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	2.71 ng	57011	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	16
3	d-Arabinal	116	C5H8O3	000496-61-7	12
4	Isopropyl 5,11-dihydroxy-3,7,11-...	314	C18H34O4	1000223-34-1	10
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044878.D
Acq On : 19 Mar 2020 00:27
Operator : CG/JU
Sample : L1942-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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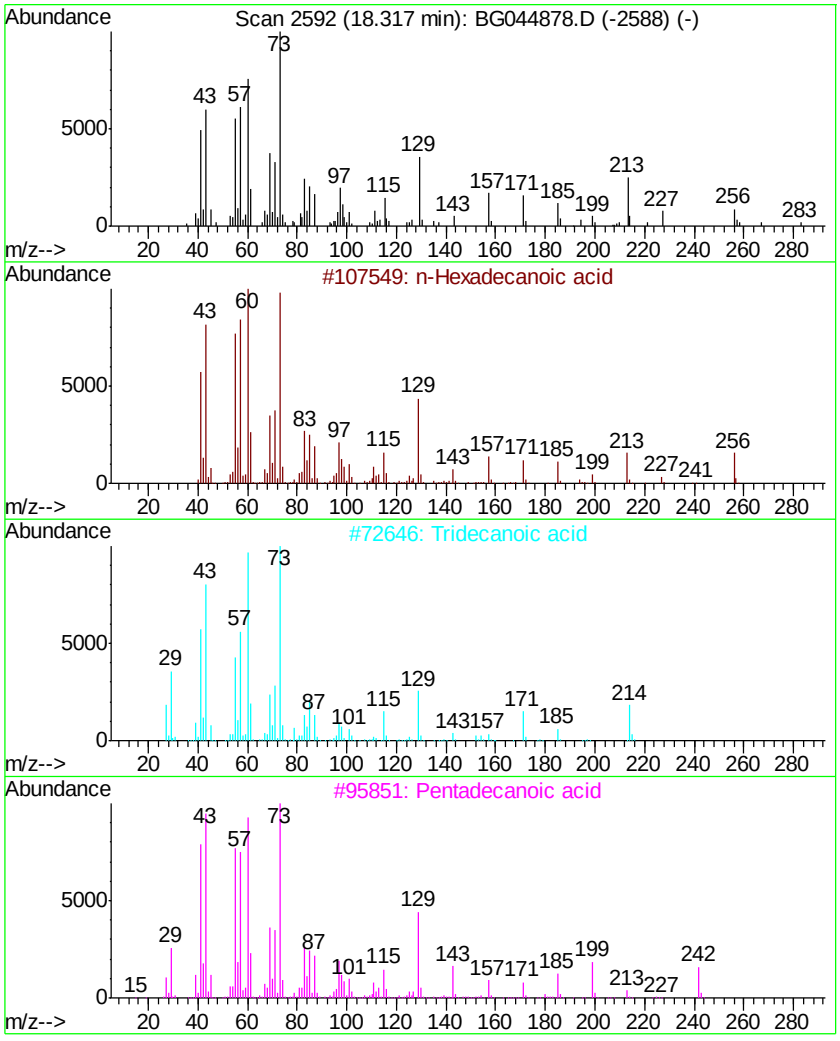
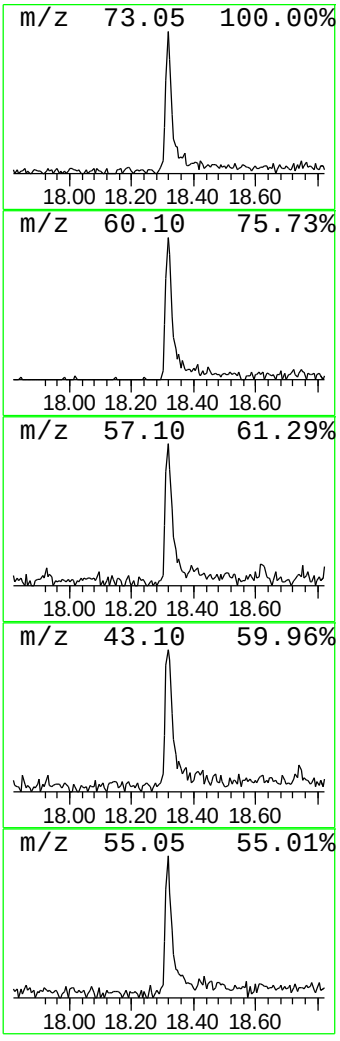
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.64 ng	141151	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044878.D
Acq On : 19 Mar 2020 00:27
Operator : CG/JU
Sample : L1942-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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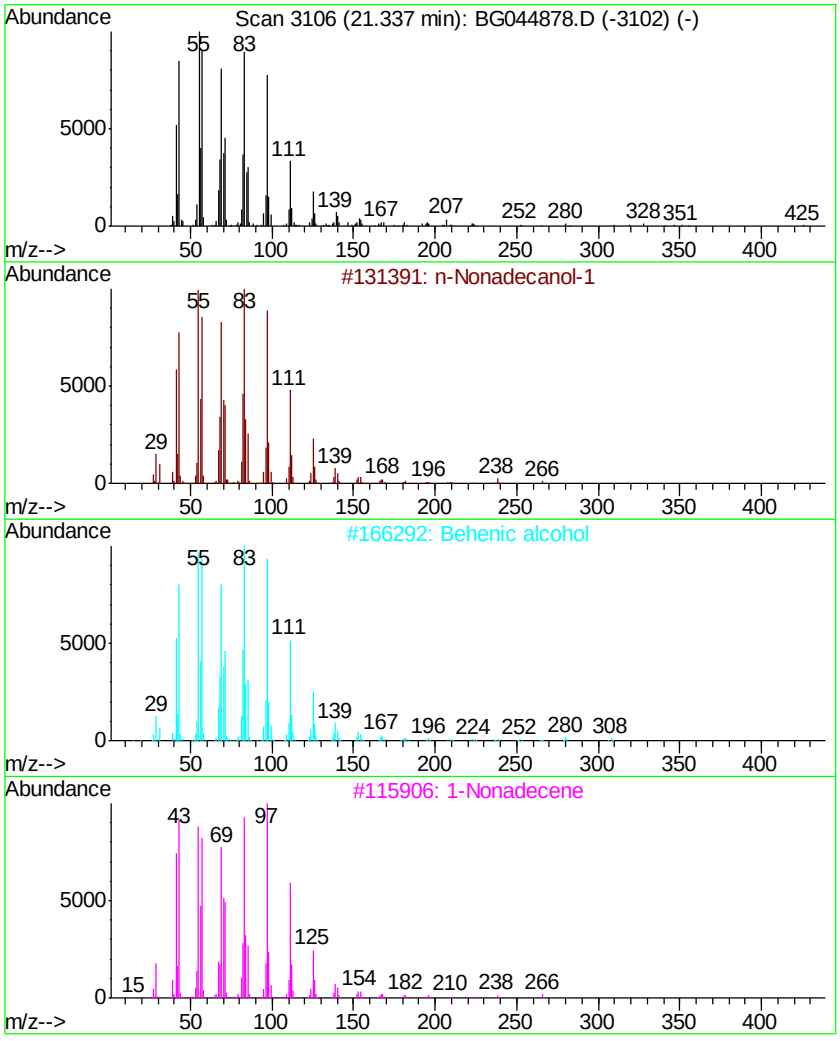
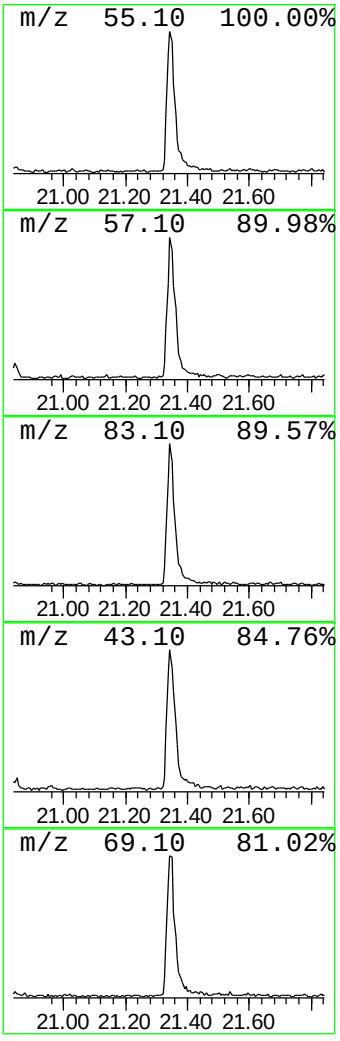
Peak Number 5 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	11.05 ng	730717	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044878.D
Acq On : 19 Mar 2020 00:27
Operator : CG/JU
Sample : L1942-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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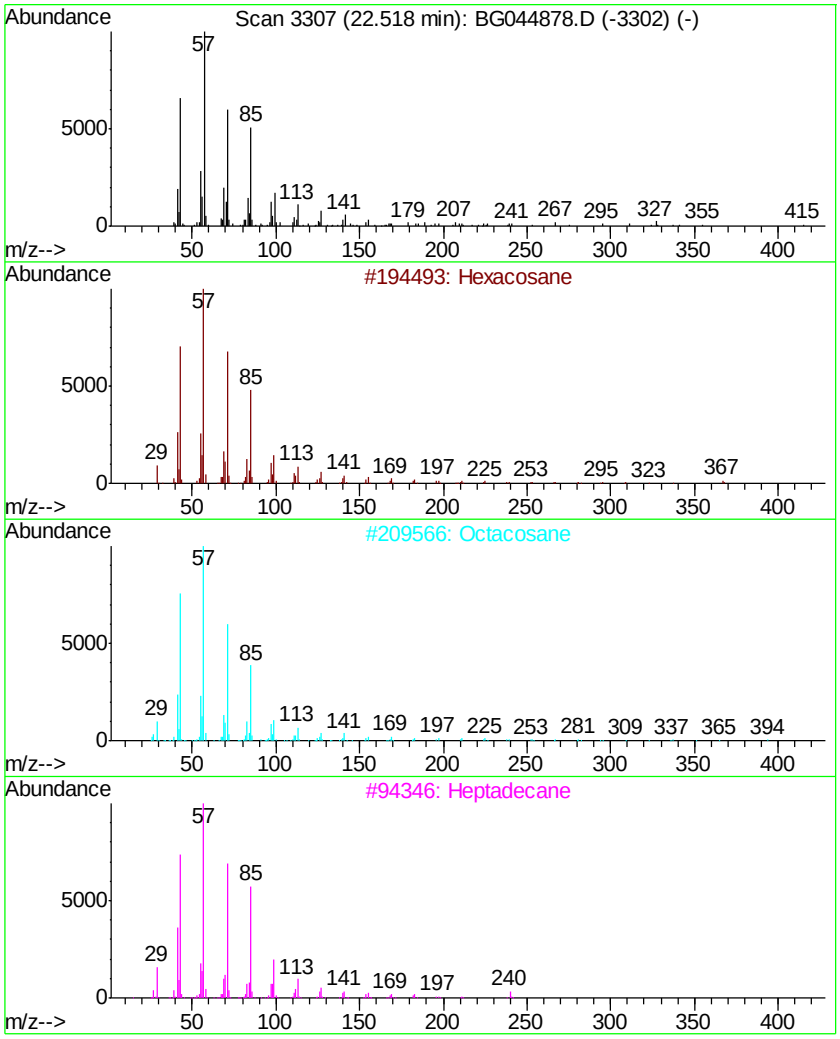
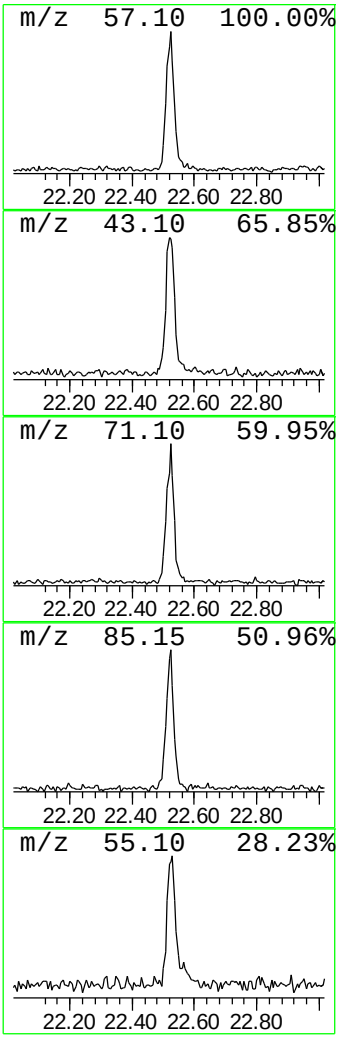
Peak Number 6 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	3.57 ng	236258	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Heptadecane	240	C17H36	000629-78-7	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Eicosane	282	C20H42	000112-95-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044878.D
Acq On : 19 Mar 2020 00:27
Operator : CG/JU
Sample : L1942-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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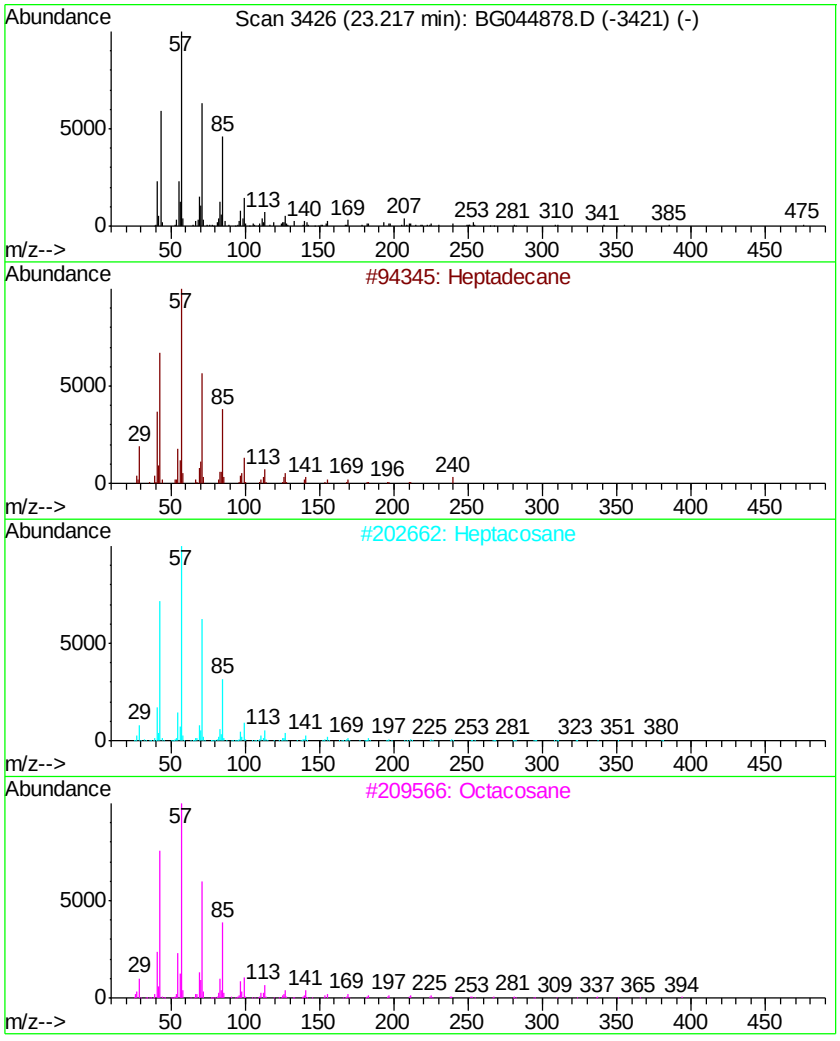
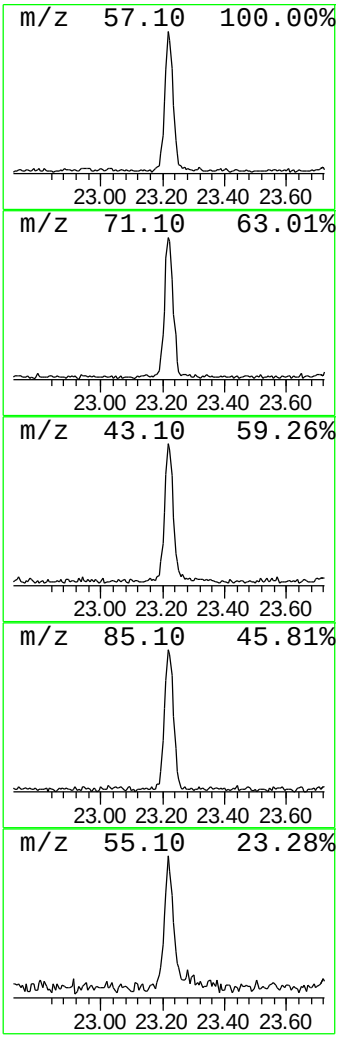
Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	4.54 ng	300218	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Heptacosane	380	C27H56	000593-49-7	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
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Acq On : 19 Mar 2020 00:27
Operator : CG/JU
Sample : L1942-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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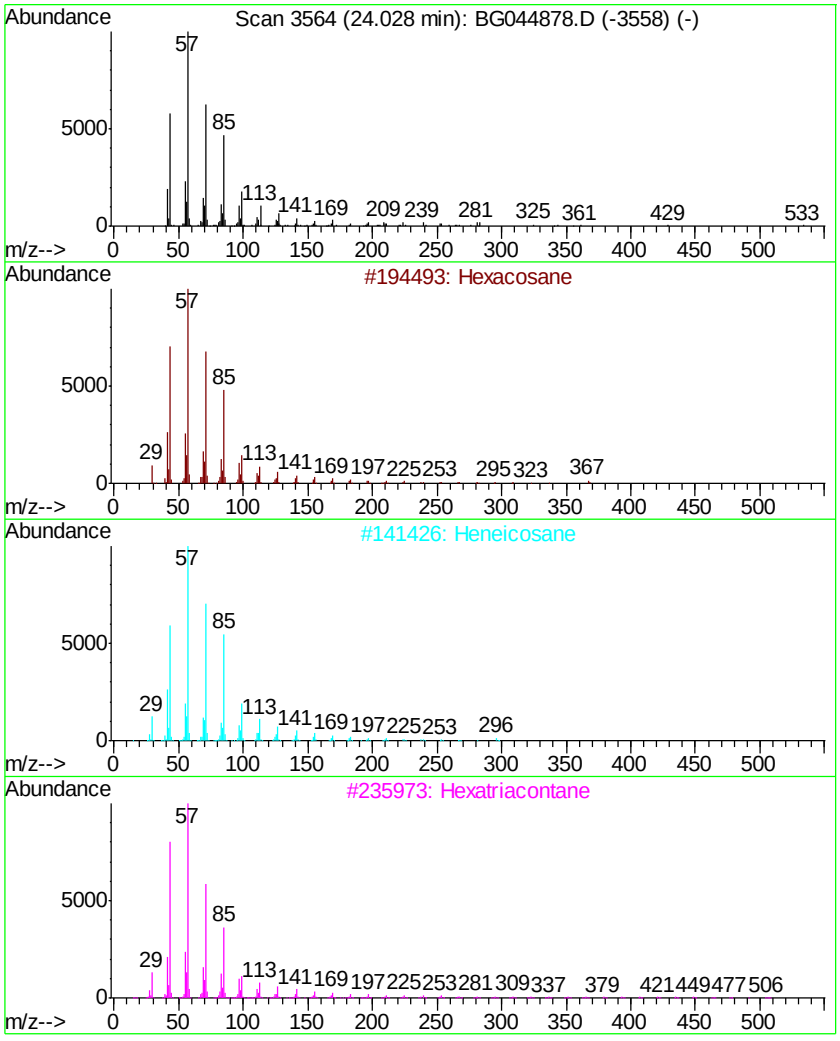
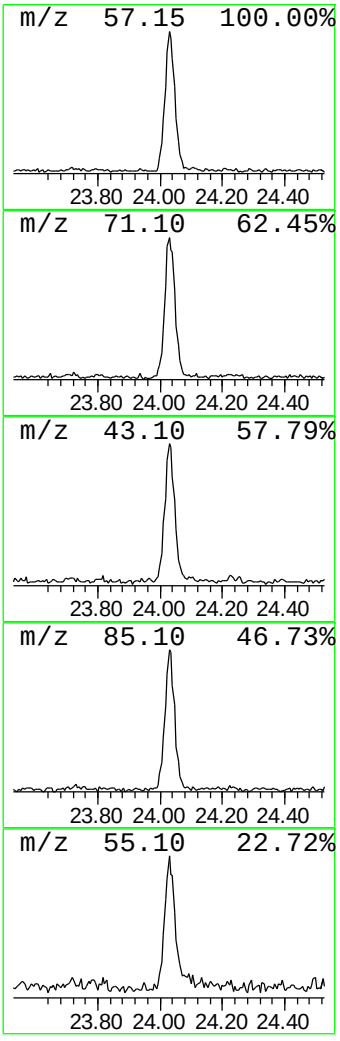
Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	5.28 ng	341780	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexatriacontane	507	C36H74	000630-06-8	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hentriacontane	437	C31H64	000630-04-6	86





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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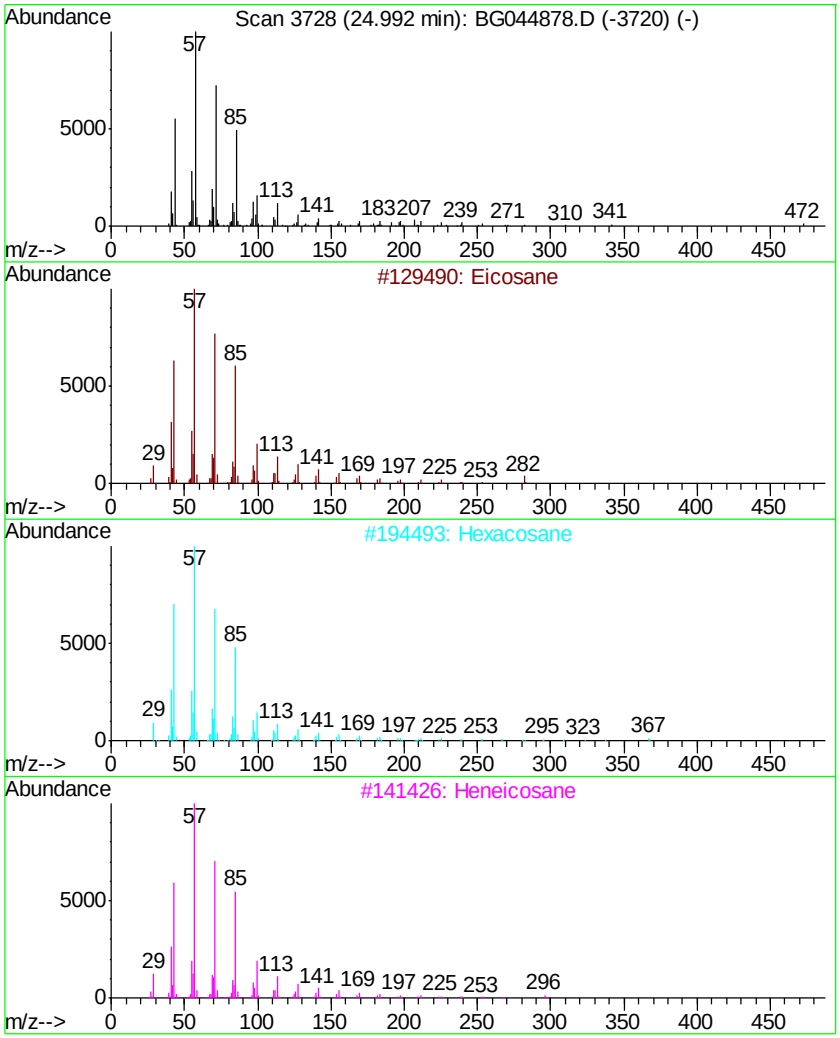
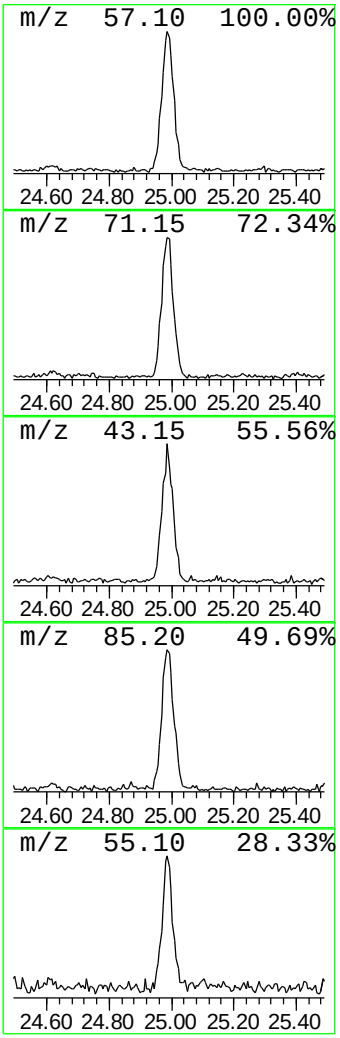
Peak Number 9 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	5.54 ng	358411	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octacosane	394	C28H58	000630-02-4	90





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ClientSampleId : TP-10-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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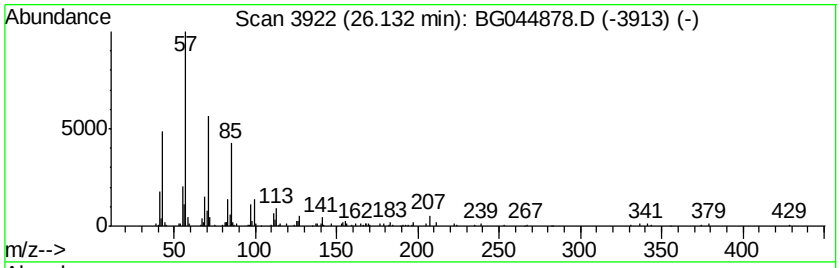
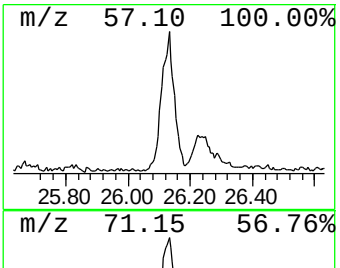
Peak Number 10 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	4.57 ng	295560	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044878.D
Acq On : 19 Mar 2020 00:27
Operator : CG/JU
Sample : L1942-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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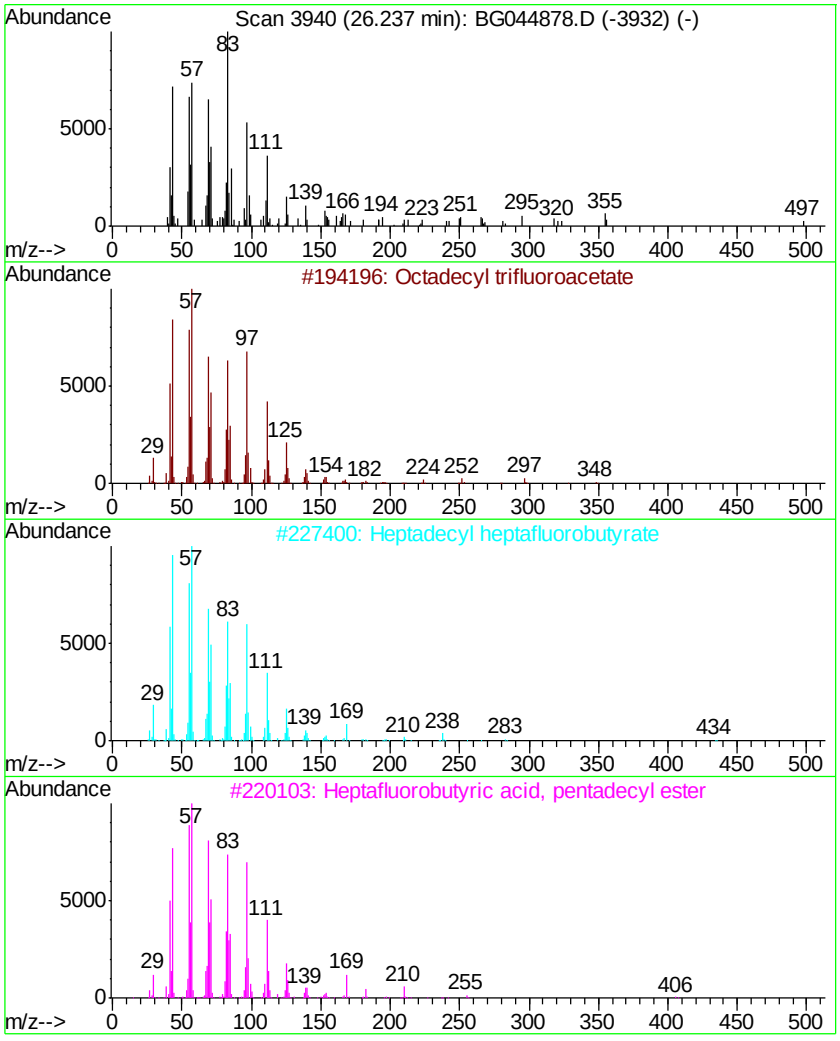
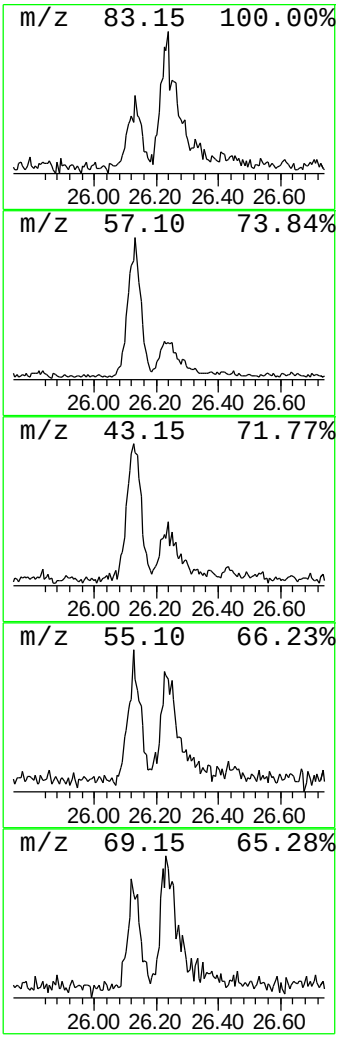
Peak Number 11 Octadecyl trifluoroacetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.24	2.89 ng	187019	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	70
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	70
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	64
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044878.D
Acq On : 19 Mar 2020 00:27
Operator : CG/JU
Sample : L1942-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

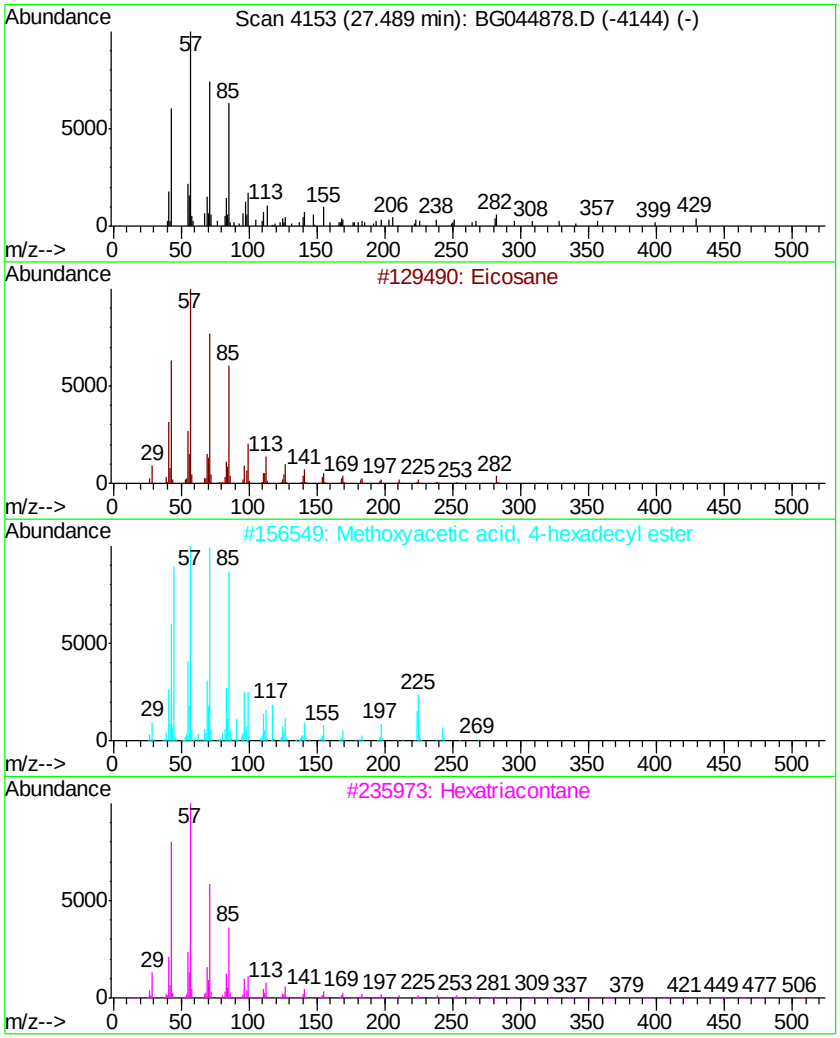
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

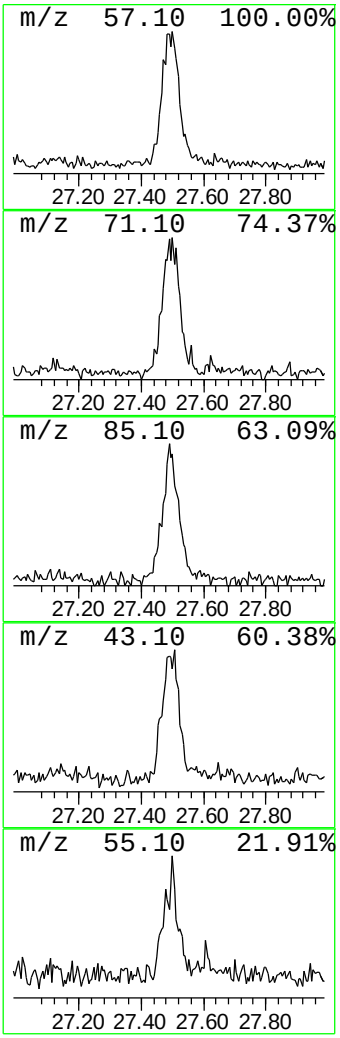
****

Peak Number 12 Methoxyacetic acid, 4-hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.49	2.67 ng	173057	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	72
3	Hexatriacontane	507	C36H74	000630-06-8	72
4	Hexacosane	366	C26H54	000630-01-3	68
5	Tetracosane	338	C24H50	000646-31-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
Data File : BG044878.D
Acq On : 19 Mar 2020 00:27
Operator : CG/JU
Sample : L1942-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10-DA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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
Cyclohexane	3.15	6.5	ng	137815	1	8.04	420502	20.0
Butane, 2-methoxy...	3.22	2.7	ng	57011	1	8.04	420502	20.0
n-Hexadecanoic acid	18.32	2.6	ng	141151	4	17.42	1070130	20.0
n-Nonadecanol-1	21.34	11.1	ng	730717	5	21.68	1323090	20.0
Hexacosane	22.52	3.6	ng	236258	5	21.68	1323090	20.0
Heptadecane	23.22	4.5	ng	300218	5	21.68	1323090	20.0
Heneicosane	24.03	5.3	ng	341780	6	24.89	1294720	20.0
Eicosane	24.99	5.5	ng	358411	6	24.89	1294720	20.0
Hentriacontane	26.13	4.6	ng	295560	6	24.89	1294720	20.0
Octadecyl trifluo...	26.24	2.9	ng	187019	6	24.89	1294720	20.0
Methoxyacetic aci...	27.49	2.7	ng	173057	6	24.89	1294720	20.0