LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044849.D
Acq On : 18 Mar 2020 1:46
Operator : CG/JU
Sample : L1917-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-725

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	3.152	3	11	20	rBV4	147413	428204	6.95%	1.384%
2	3.234	20	25	35	rVB	115913	227862	3.70%	0.736%
3	5.614	424	430	440	rBV	638210	1090089	17.69%	3.523%
4	7.200	690	700	709	rBV	394956	730636	11.86%	2.361%
5	8.046	834	844	852	rBV	343120	602992	9.79%	1.949%
6	8.370	889	899	910	rVB	1297847	2334724	37.89%	7.546%
7	9.204	1032	1041	1051	rVB	1088052	2007418	32.58%	6.488%
8	10.855	1314	1322	1329	rBV	433003	808153	13.12%	2.612%
9	13.299	1731	1738	1751	rVB	2667647	4461097	72.40%	14.418%
10	14.122	1871	1878	1887	rBV	316765	478687	7.77%	1.547%
11	14.680	1964	1973	1981	rBV	687008	1148754	18.64%	3.713%
12	16.160	2219	2225	2234	rBV	2356565	3654664	59.31%	11.811%
13	16.384	2256	2263	2273	rVB6	66512	138323	2.24%	0.447%
14	17.424	2432	2440	2449	rBV	852163	1378194	22.37%	4.454%
15	17.788	2497	2502	2509	rBV2	42241	74799	1.21%	0.242%
16	18.323	2588	2593	2602	rBV	297800	455559	7.39%	1.472%
17	19.586	2804	2808	2814	rBV2	106802	163053	2.65%	0.527%
18	20.032	2878	2884	2891	rBV	4456862	6161888	100.00%	19.915%
19	21.348	3103	3108	3116	rBV	409080	643517	10.44%	2.080%
20	21.689	3159	3166	3175	rBV2	813084	1387324	22.51%	4.484%
21	21.912	3200	3204	3208	rBV2	77305	103616	1.68%	0.335%
22	22.529	3304	3309	3320	rVB2	103030	216974	3.52%	0.701%
23	23.229	3422	3428	3438	rVB2	98250	192547	3.12%	0.622%
24	24.039	3560	3566	3575	rVB2	95364	210940	3.42%	0.682%
25	24.891	3702	3711	3721	rVB2	493510	1398955	22.70%	4.521%
26	25.003	3723	3730	3737	rVB3	86361	219902	3.57%	0.711%
27	26.143	3916	3924	3933	rVB4	71585	222824	3.62%	0.720%

Sum of corrected areas: 30941695

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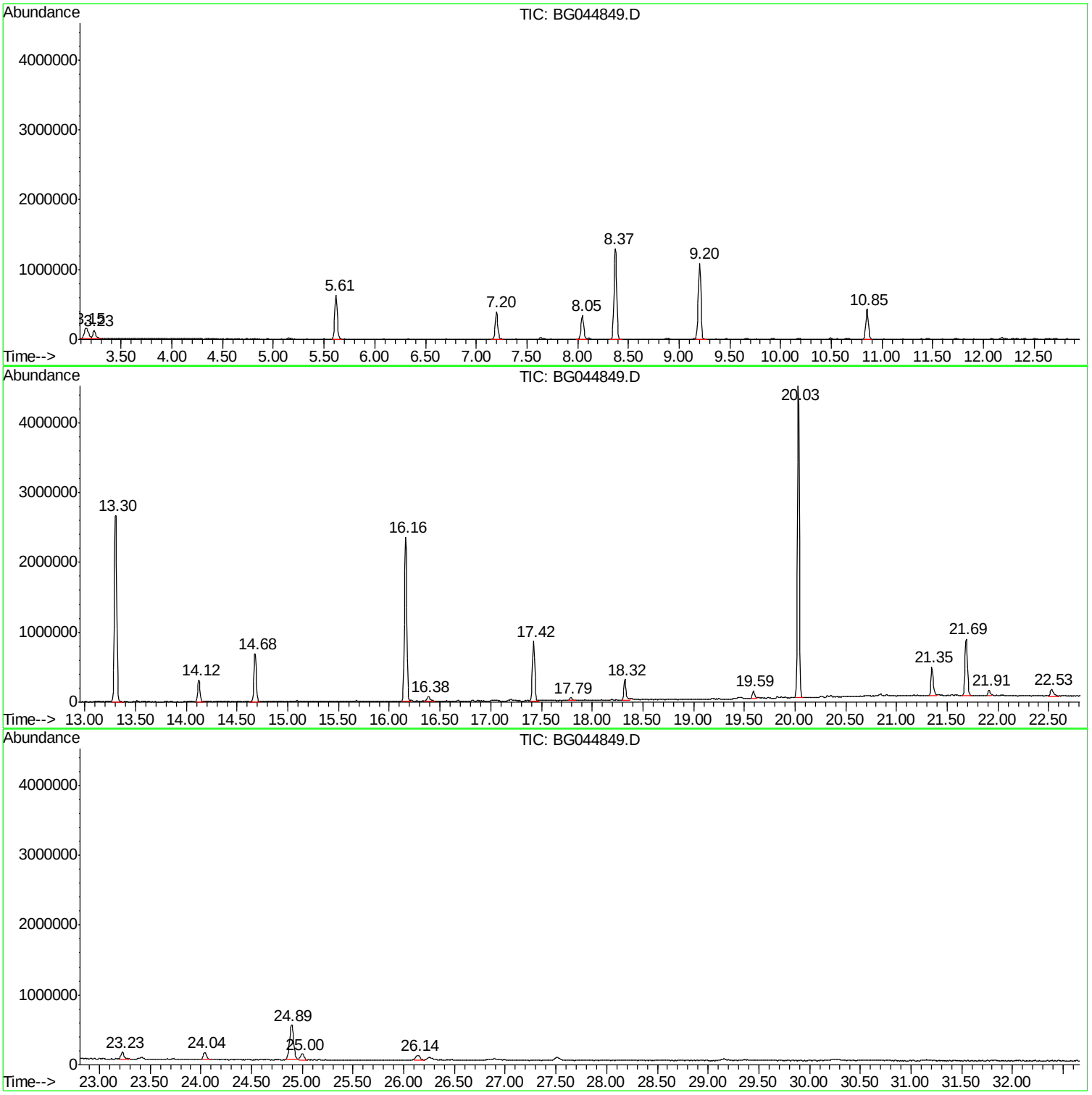
Data File : BG044849.D
Acq On : 18 Mar 2020 1:46
Operator : CG/JU
Sample : L1917-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-725

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044849.D
Acq On : 18 Mar 2020 1:46
Operator : CG/JU
Sample : L1917-02
Misc :
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Instrument : BNA_G
ClientSampleId : MH-725

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

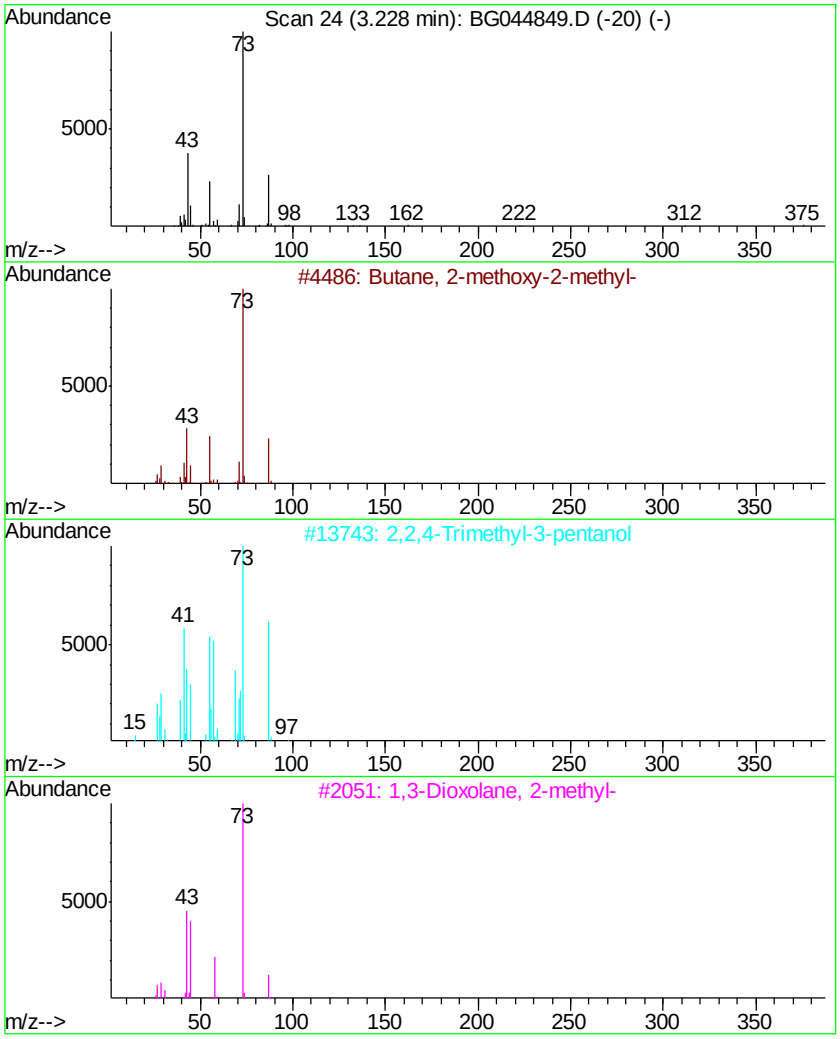
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

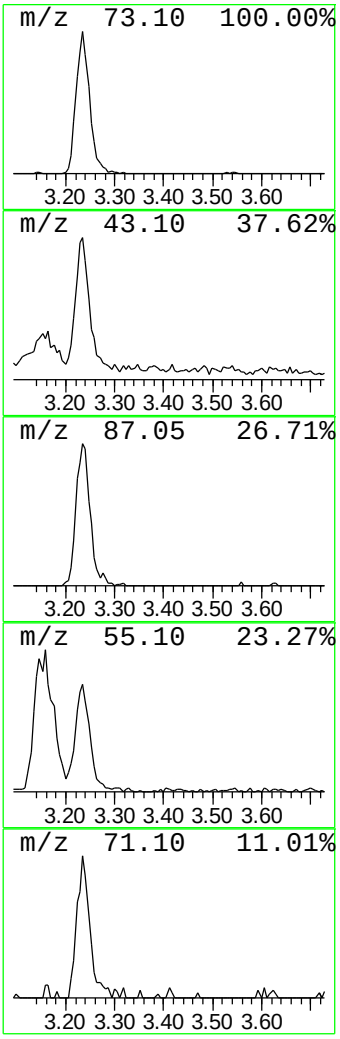
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	7.56 ng	227862	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	45
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044849.D
Acq On : 18 Mar 2020 1:46
Operator : CG/JU
Sample : L1917-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-725

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

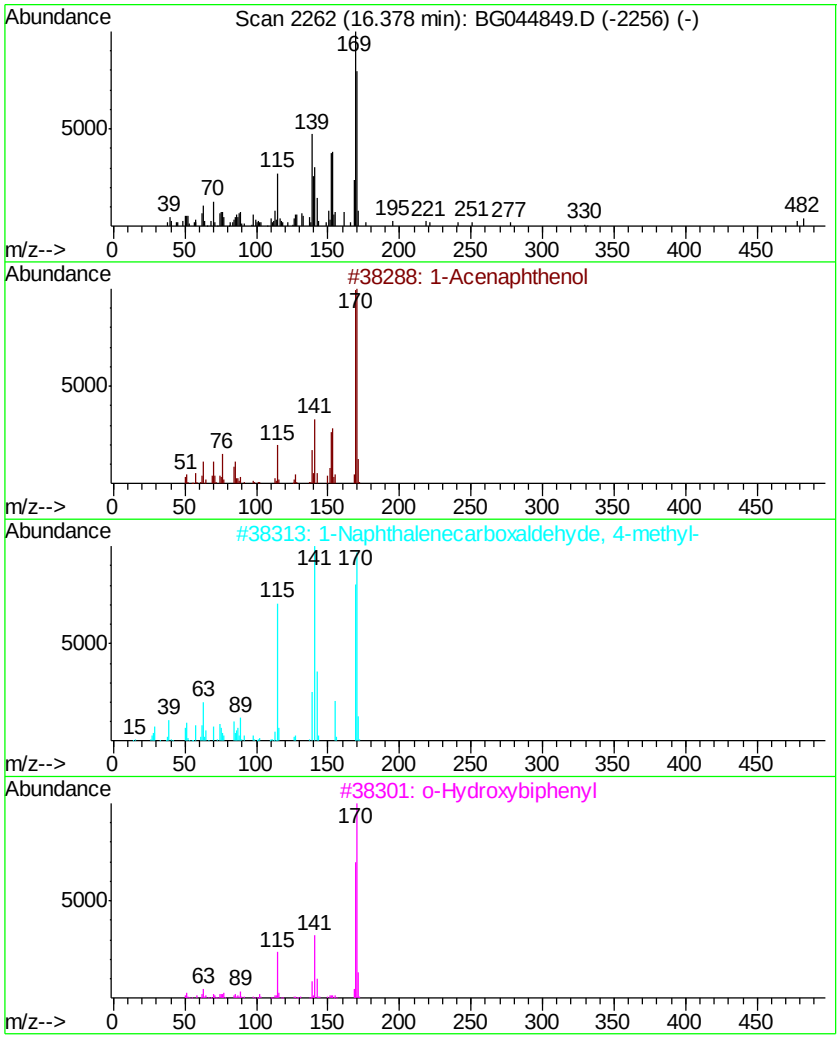
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

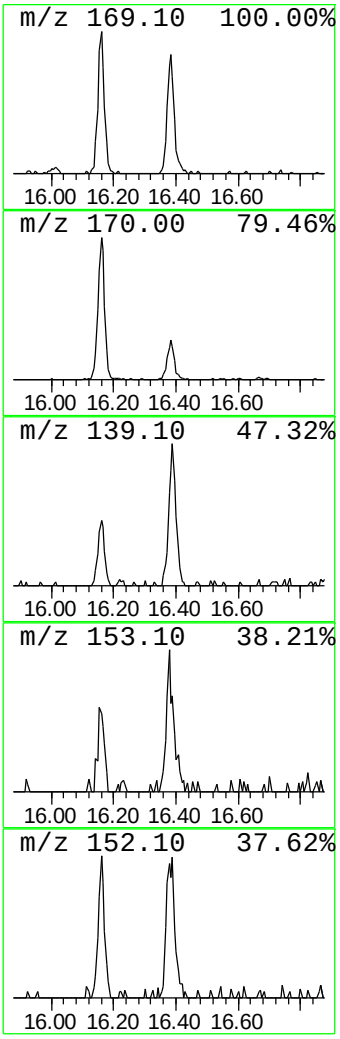
****

Peak Number 4 1-Acenaphthenol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	2.01 ng	138323	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	76
2	1-Naphthalenecarboxaldehyde, 4-m...	170	C12H10O	033738-48-6	43
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	43
4	Naphthalene, 1-isocyanato-	169	C11H7NO	000086-84-0	38
5	Benzaldehyde, 2-fluoro-5-hydroxy...	170	C8H7FO3	079418-76-1	38





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Acq On : 18 Mar 2020 1:46
Operator : CG/JU
Sample : L1917-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-725

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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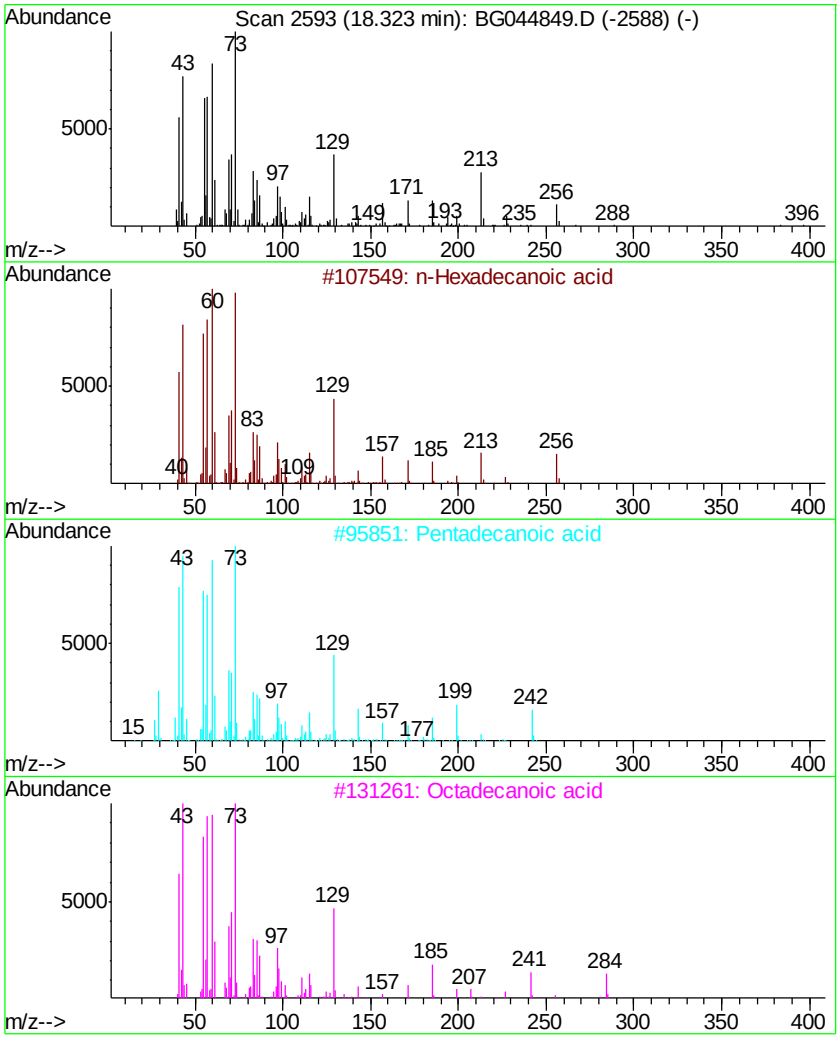
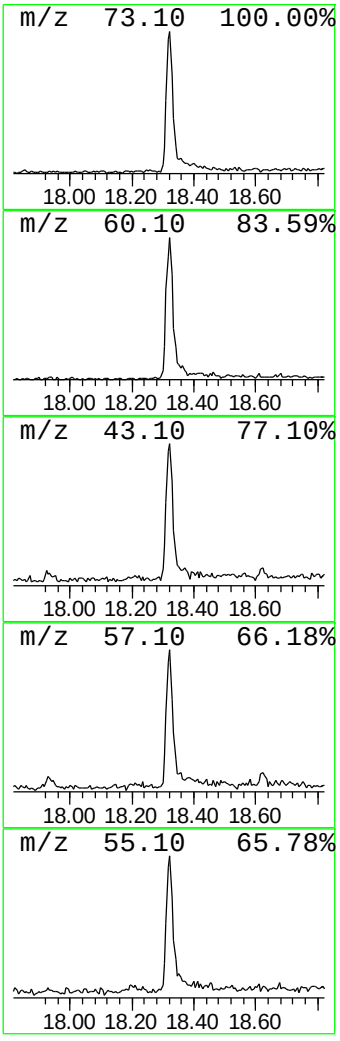
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	6.61 ng	455559	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Octadecanoic acid	284	C18H36O2	000057-11-4	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
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Acq On : 18 Mar 2020 1:46
Operator : CG/JU
Sample : L1917-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-725

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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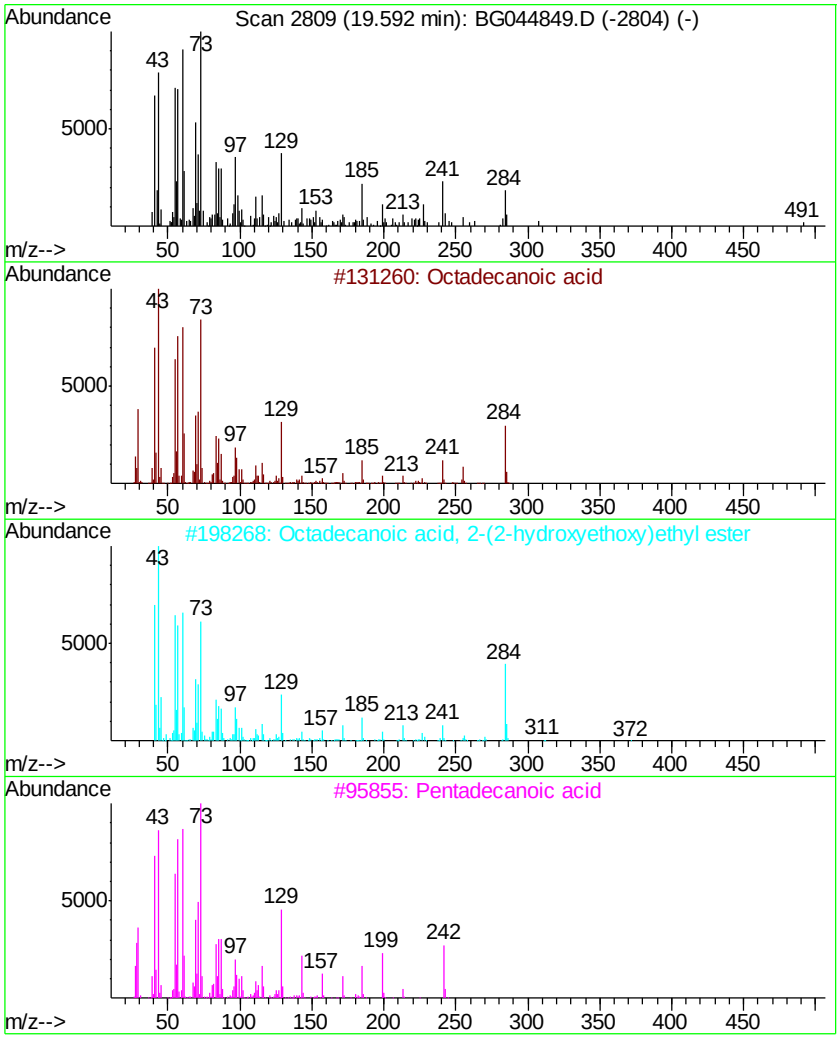
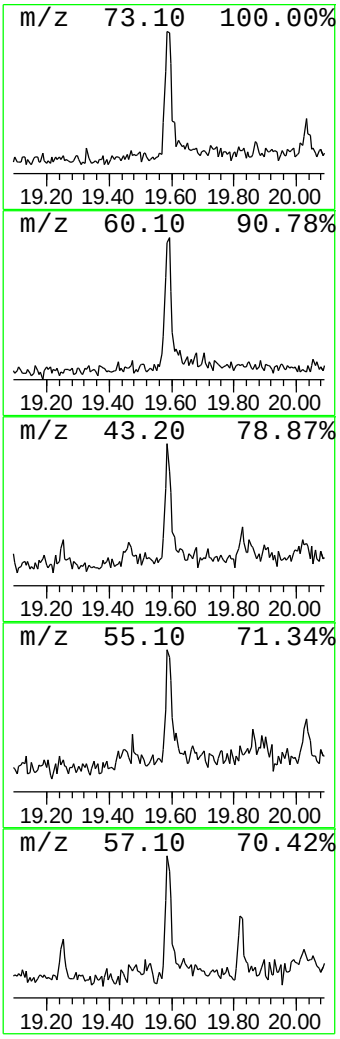
Peak Number 6 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	2.35 ng	163053	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044849.D
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Operator : CG/JU
Sample : L1917-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-725

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
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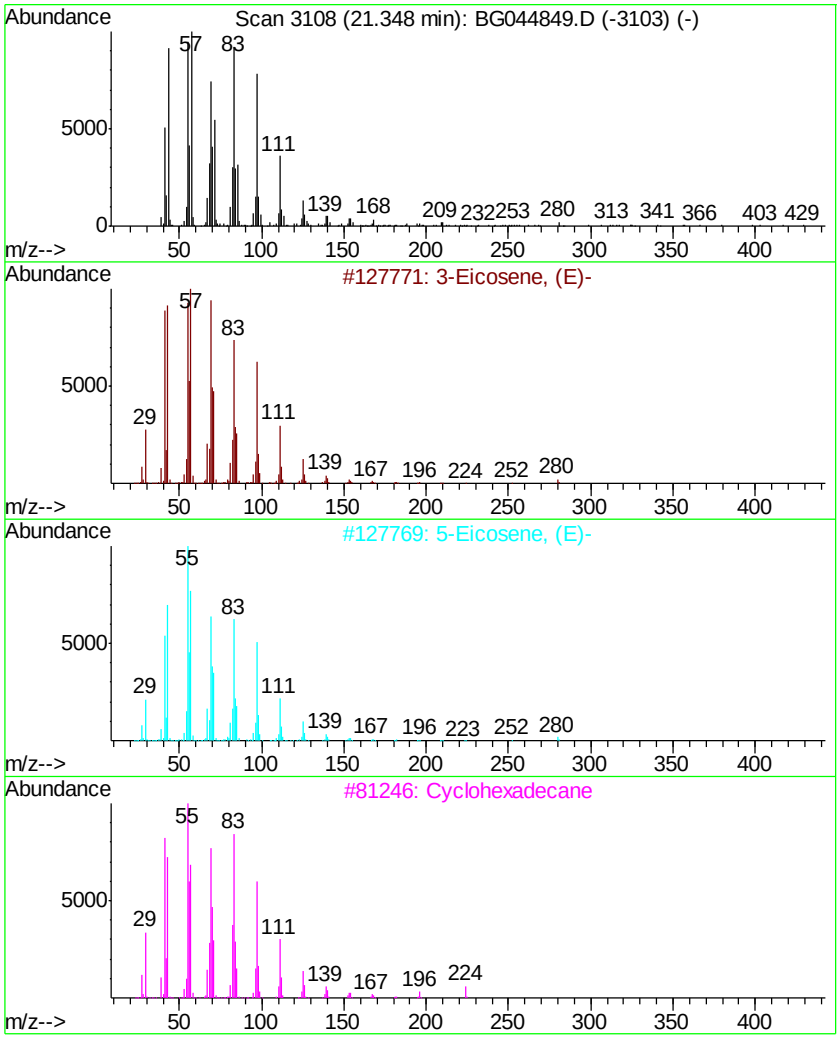
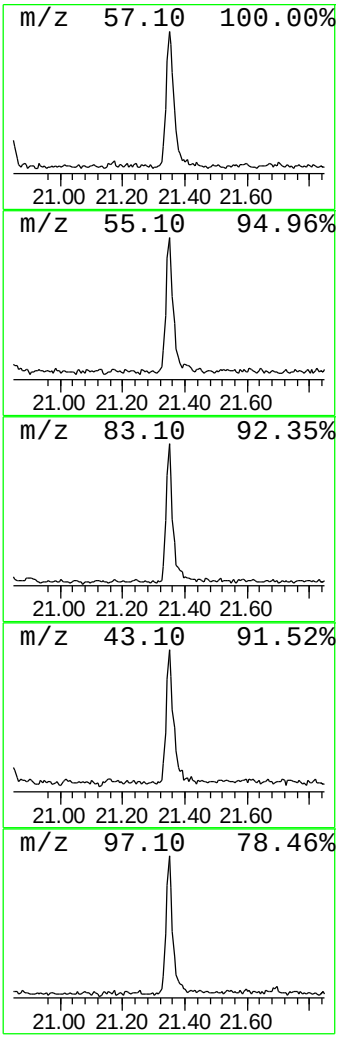
****

Peak Number 7 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	9.28 ng	643517	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Cyclotetradecane	196	C14H28	000295-17-0	91





Library Search Compound Report

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Operator : CG/JU
Sample : L1917-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-725

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

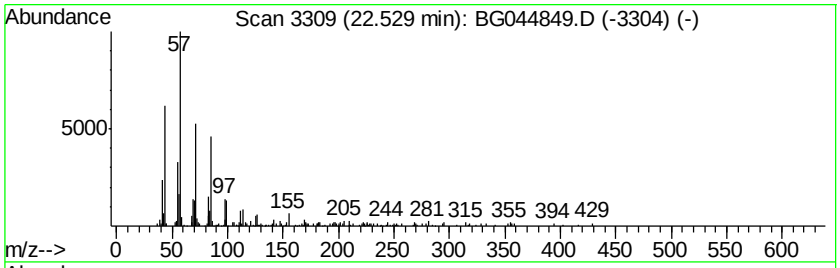
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

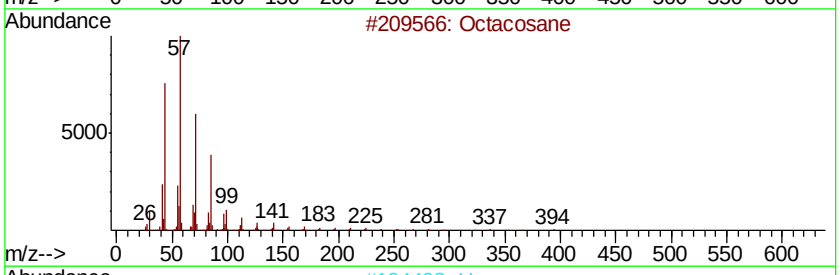
****

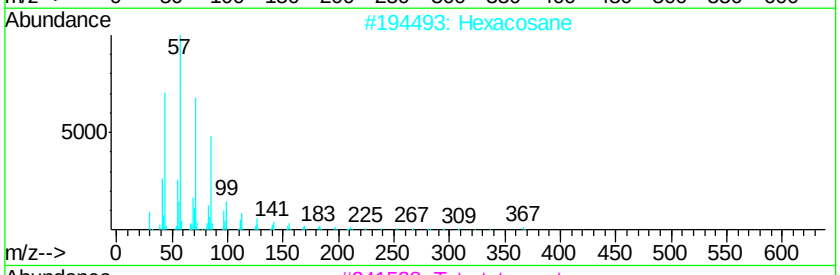
Peak Number 8 Octacosane Concentration Rank 8

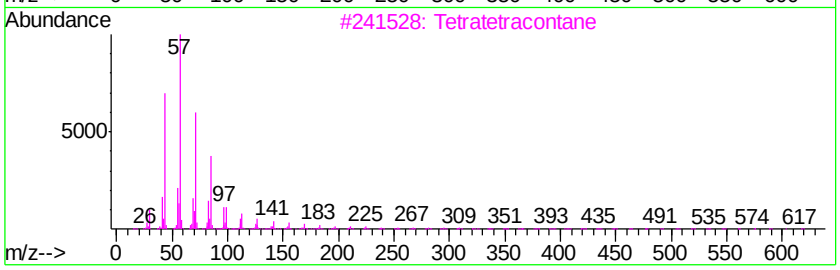
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	3.13 ng	216974	Chrysene-d12	21.69

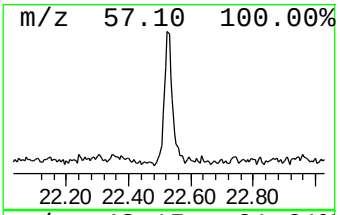
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	87
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87

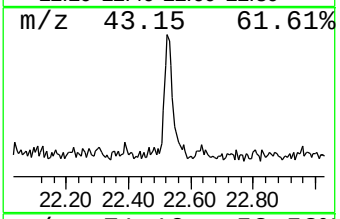


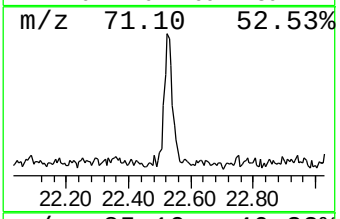


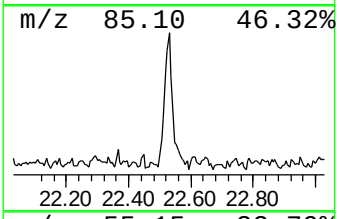


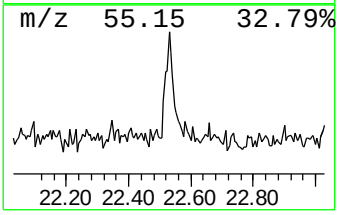












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Instrument : BNA_G
ClientSampleId : MH-725

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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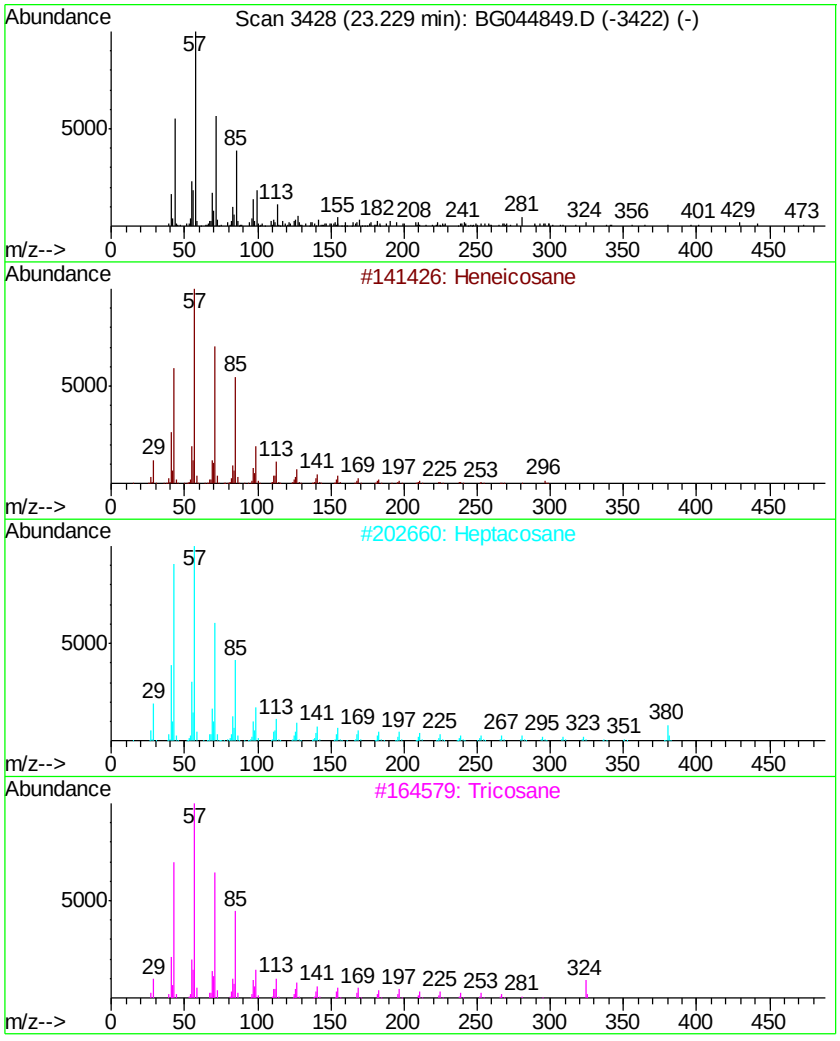
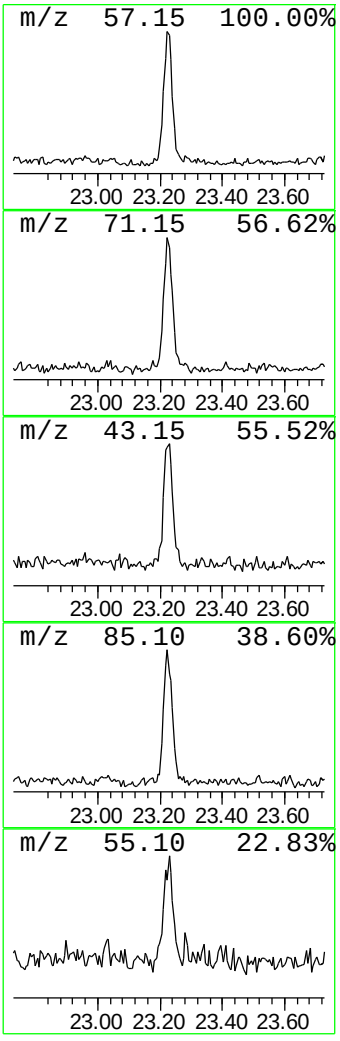
****

Peak Number 9 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	2.78 ng	192547	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tricosane	324	C23H48	000638-67-5	87
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	87





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : MH-725

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

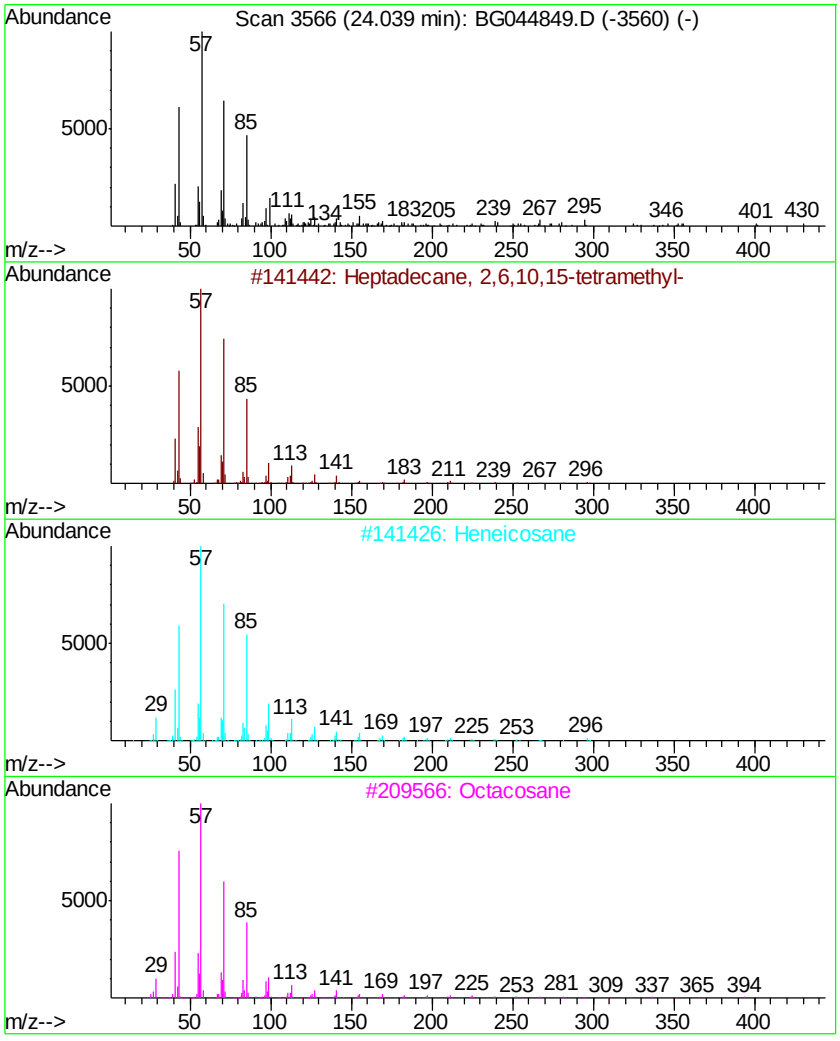
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

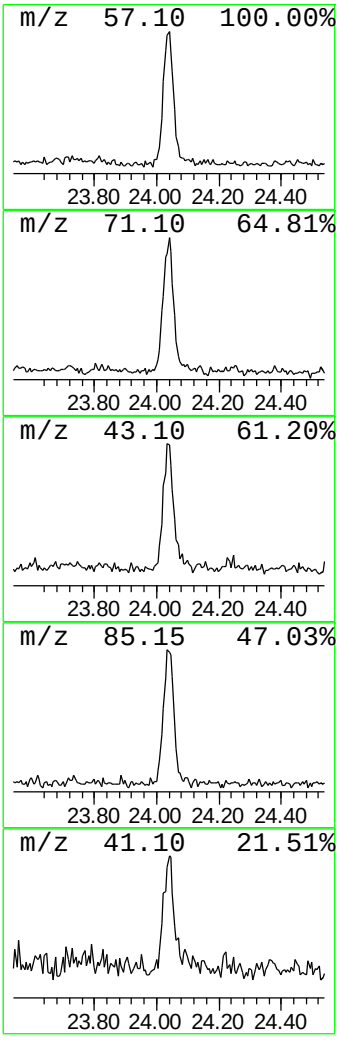
****

Peak Number 10 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	3.02 ng	210940	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Tetracosane	338	C24H50	000646-31-1	83





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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TIC Integration Parameters: LSCINT.P

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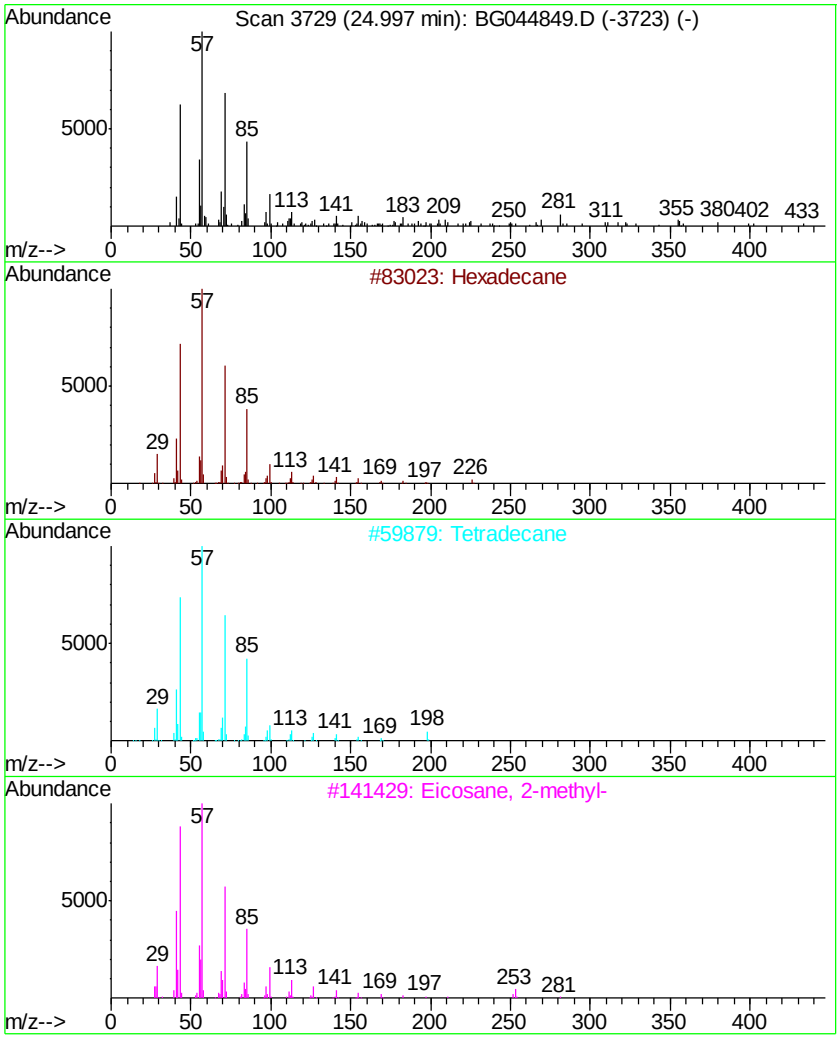
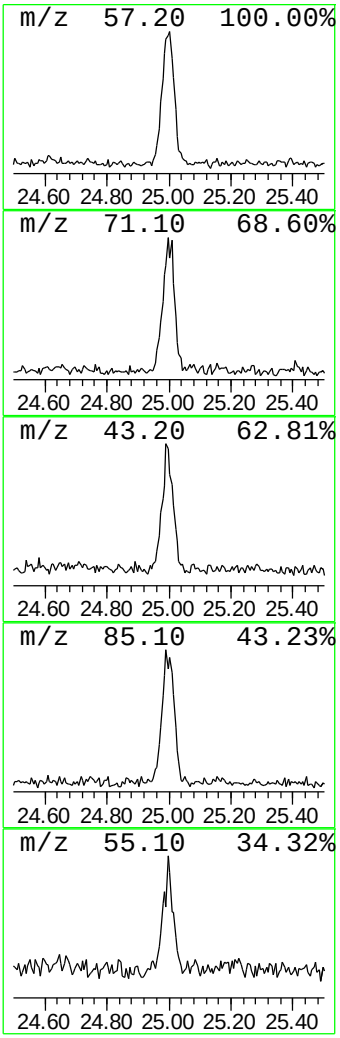
Peak Number 11 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.00	3.14 ng	219902	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	76
2	Tetradecane	198	C14H30	000629-59-4	64
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	64
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044849.D
Acq On : 18 Mar 2020 1:46
Operator : CG/JU
Sample : L1917-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-725

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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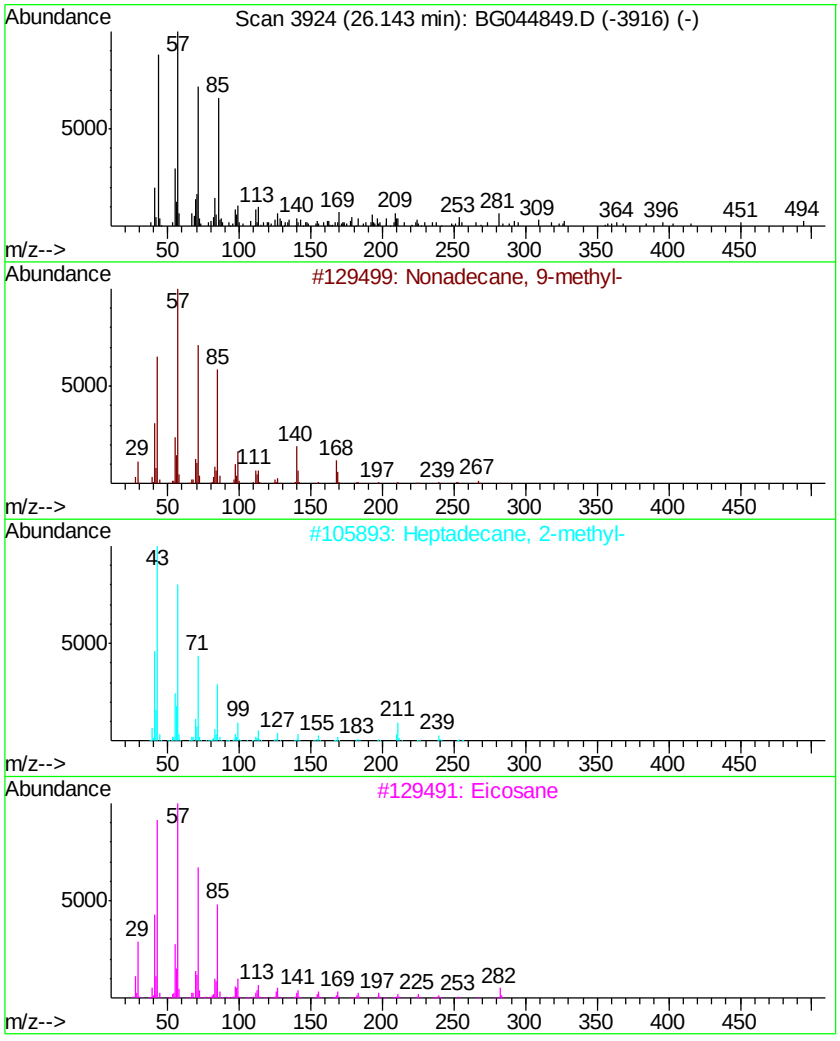
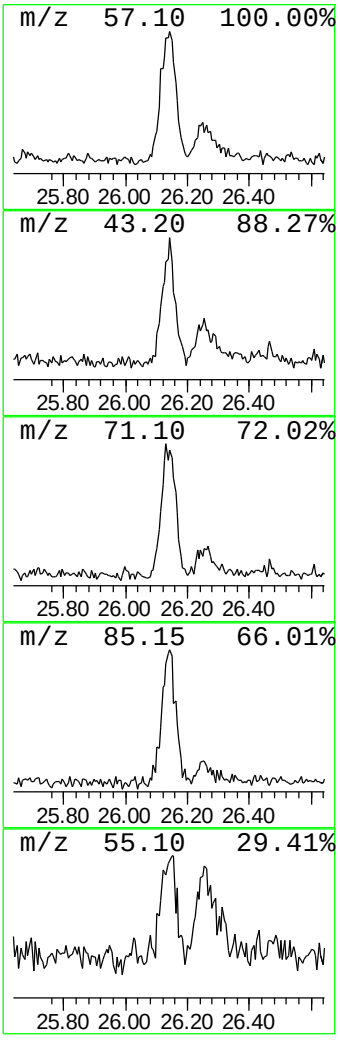
Peak Number 12 Nonadecane, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.14	3.19 ng	222824	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Hexacosane	366	C26H54	000630-01-3	58
5	Hexatriacontane	507	C36H74	000630-06-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031720\
Data File : BG044849.D
Acq On : 18 Mar 2020 1:46
Operator : CG/JU
Sample : L1917-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-725

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
Butane, 2-methoxy...	3.23	7.6	ng	227862	1	8.05	602992	20.0
1-Acenaphthenol	16.38	2.0	ng	138323	4	17.42	1378190	20.0
n-Hexadecanoic acid	18.32	6.6	ng	455559	4	17.42	1378190	20.0
Octadecanoic acid	19.59	2.4	ng	163053	5	21.69	1387320	20.0
3-Eicosene, (E)-	21.35	9.3	ng	643517	5	21.69	1387320	20.0
Octacosane	22.53	3.1	ng	216974	5	21.69	1387320	20.0
Heneicosane	23.23	2.8	ng	192547	5	21.69	1387320	20.0
Heptadecane, 2,6,...	24.04	3.0	ng	210940	6	24.89	1398960	20.0
Hexadecane	25.00	3.1	ng	219902	6	24.89	1398960	20.0
Nonadecane, 9-met...	26.14	3.2	ng	222824	6	24.89	1398960	20.0