LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039987.D
Acq On : 19 Mar 2019 2:30
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(12-13)

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-BG030419.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	3.197	13	18	26	rBV	100139	187290	14.01%	1.612%
2	3.267	26	30	41	rVB	101701	155014	11.60%	1.334%
3	5.688	436	442	451	rBV	472283	769975	57.62%	6.626%
4	7.291	707	715	727	rVB	515584	941123	70.42%	8.099%
5	7.673	773	780	788	rBV	496413	833173	62.35%	7.170%
6	8.143	853	860	869	rVB	136249	230733	17.27%	1.986%
7	8.466	908	915	924	rBV2	302881	531168	39.75%	4.571%
8	9.318	1053	1060	1070	rBV	297013	539037	40.34%	4.639%
9	10.393	1237	1243	1249	rBV2	9439	15414	1.15%	0.133%
10	10.963	1332	1340	1348	rBV	184828	336879	25.21%	2.899%
11	13.395	1747	1754	1761	rVB	608781	951664	71.21%	8.190%
12	14.211	1888	1893	1898	rBV	54169	77831	5.82%	0.670%
13	14.769	1981	1988	1996	rVB2	317005	523107	39.14%	4.502%
14	16.256	2234	2241	2250	rBV	666053	1046375	78.30%	9.005%
15	17.513	2448	2455	2464	rBV2	447850	678757	50.79%	5.841%
16	18.365	2596	2600	2605	rBV2	31706	44199	3.31%	0.380%
17	20.109	2890	2897	2902	rBV	1002851	1336362	100.00%	11.500%
18	20.374	2935	2942	2946	rBV4	13380	20689	1.55%	0.178%
19	21.390	3110	3115	3123	rBV4	49258	103714	7.76%	0.893%
20	21.731	3166	3173	3176	rBV8	7769	14825	1.11%	0.128%
21	21.801	3178	3185	3193	rVB2	439764	744493	55.71%	6.407%
22	21.942	3205	3209	3214	rBV2	22065	31068	2.32%	0.267%
23	22.506	3300	3305	3310	rVB8	11118	19007	1.42%	0.164%
24	22.565	3310	3315	3321	rBV2	40972	68459	5.12%	0.589%
25	22.629	3323	3326	3332	rVB7	11320	22377	1.67%	0.193%
26	23.276	3431	3436	3445	rVB2	48000	93782	7.02%	0.807%
27	23.481	3464	3471	3478	rBV2	74076	149576	11.19%	1.287%
28	24.110	3572	3578	3588	rVB3	59805	128612	9.62%	1.107%
29	25.097	3738	3746	3749	rBV2	52336	122295	9.15%	1.052%
30	25.167	3749	3758	3770	rVB	233218	702507	52.57%	6.046%
31	26.272	3937	3946	3955	rBV4	42647	119923	8.97%	1.032%
32	27.681	4176	4186	4197	rVB7	22865	80694	6.04%	0.694%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039987.D
Acq On : 19 Mar 2019 2:30
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(12-13)

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-BG030419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 11620122

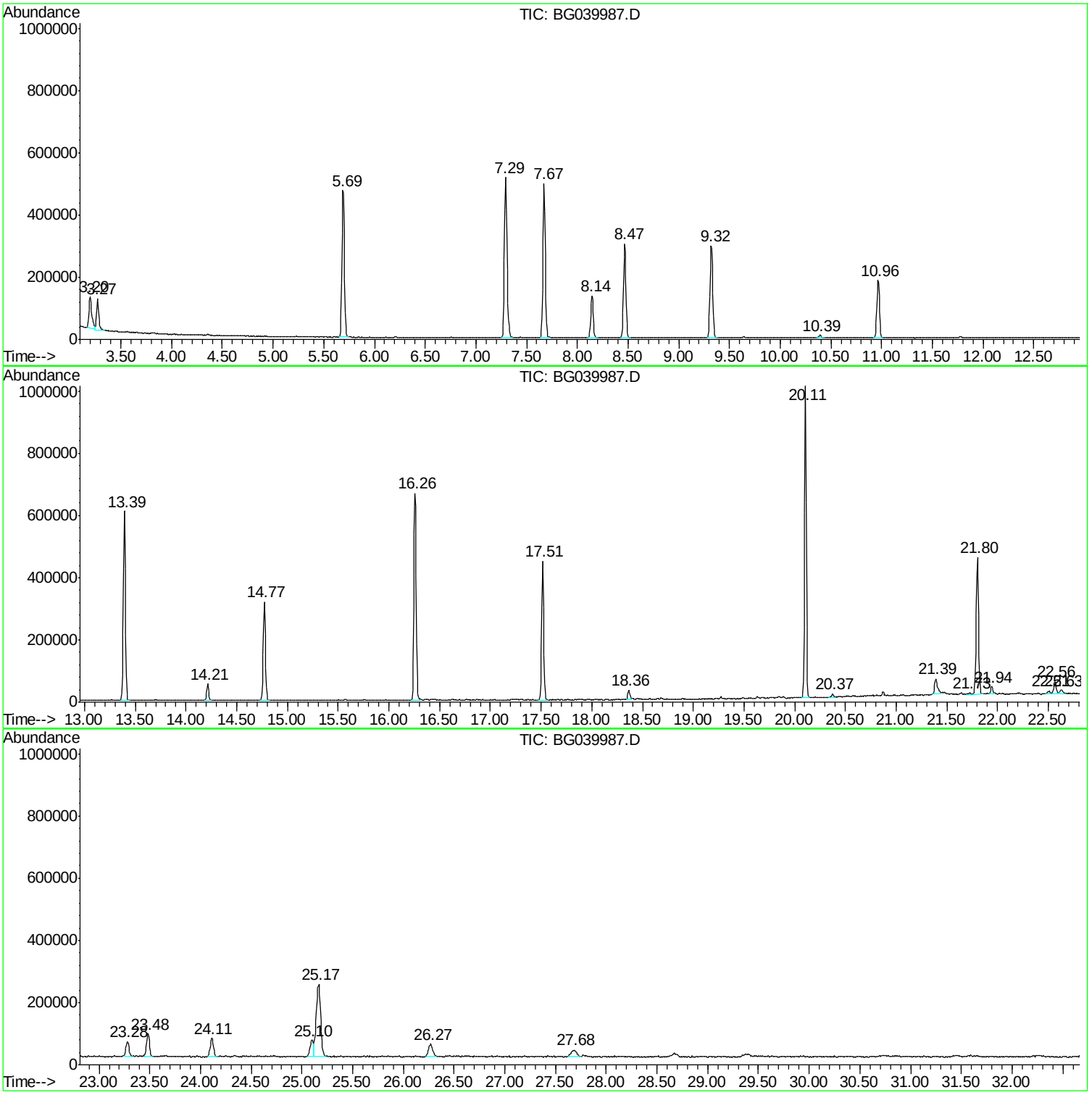
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039987.D
Acq On : 19 Mar 2019 2:30
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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\BG031819\
Data File : BG039987.D
Acq On : 19 Mar 2019 2:30
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

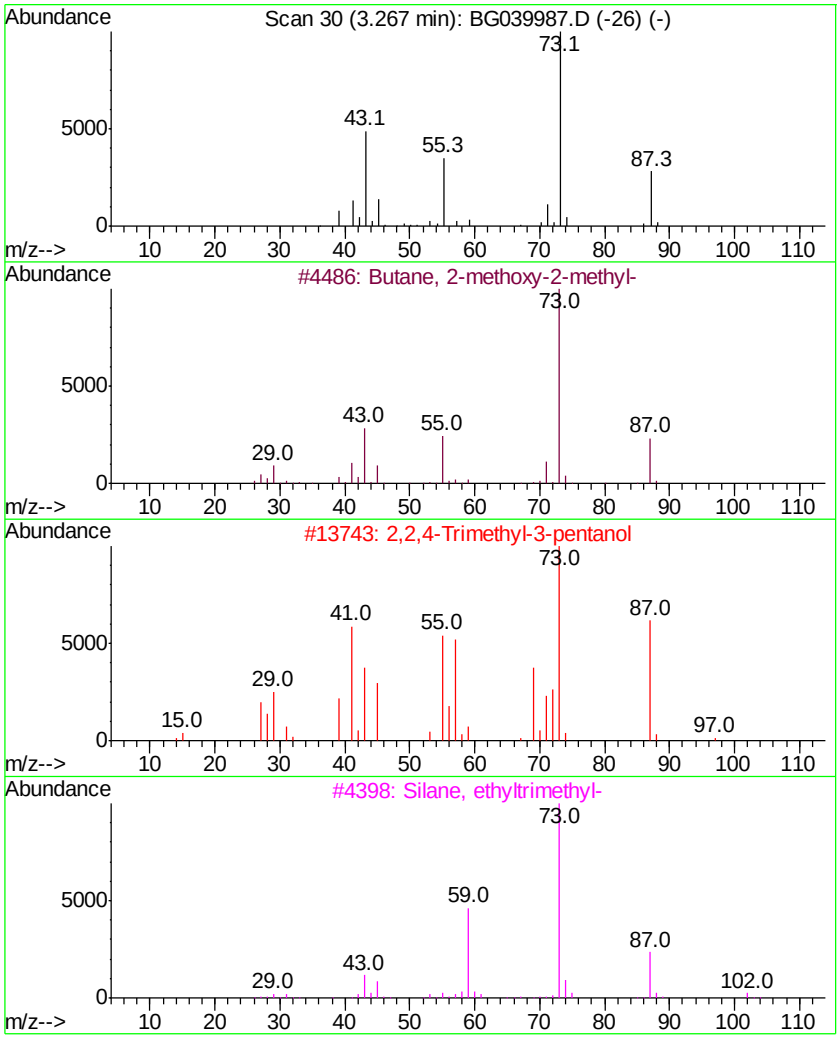
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

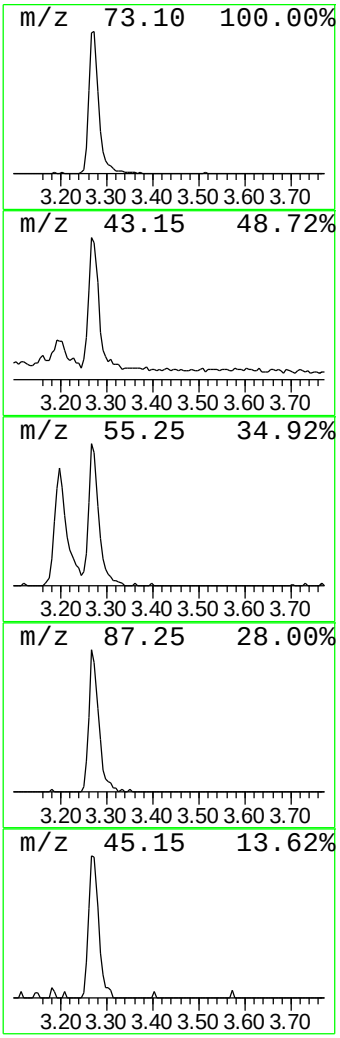
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	13.44 ng	155014	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039987.D
Acq On : 19 Mar 2019 2:30
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

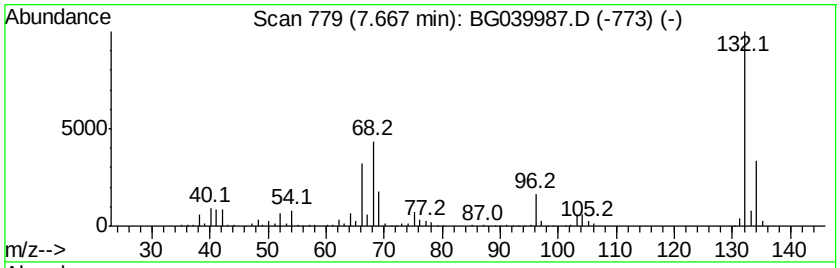
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

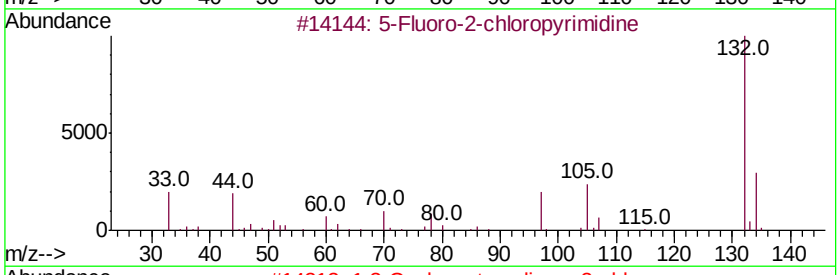
****

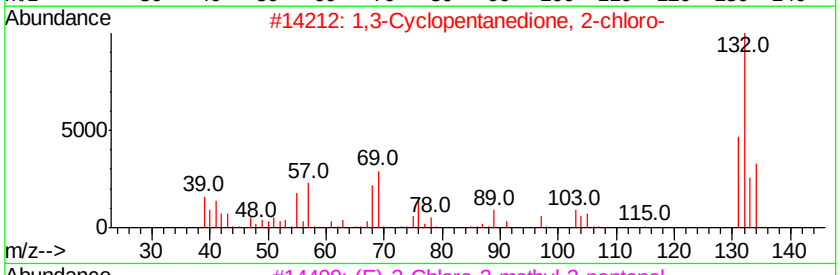
Peak Number 3 unknown7.67 Concentration Rank 1

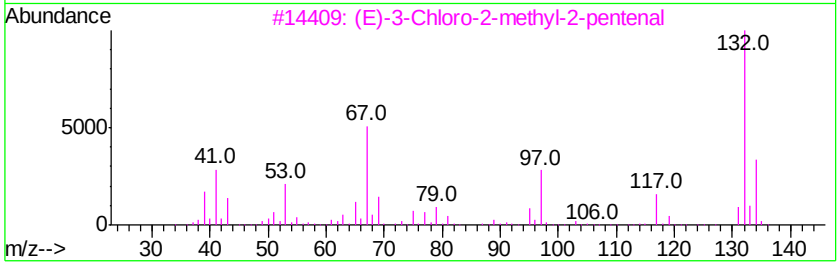
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	72.22 ng	833173	1,4-Dichlorobenzene-d4	8.14

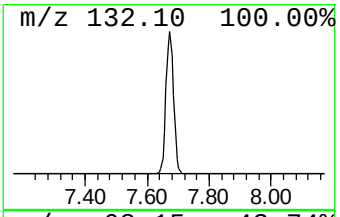
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Xenon	132	Xe	007440-63-3	9

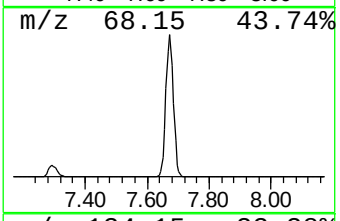


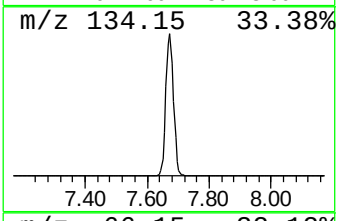


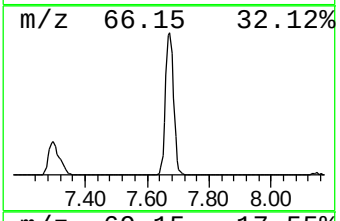


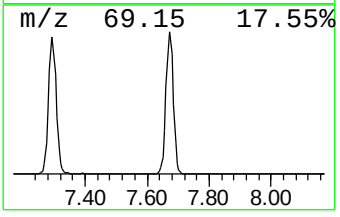












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039987.D
Acq On : 19 Mar 2019 2:30
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

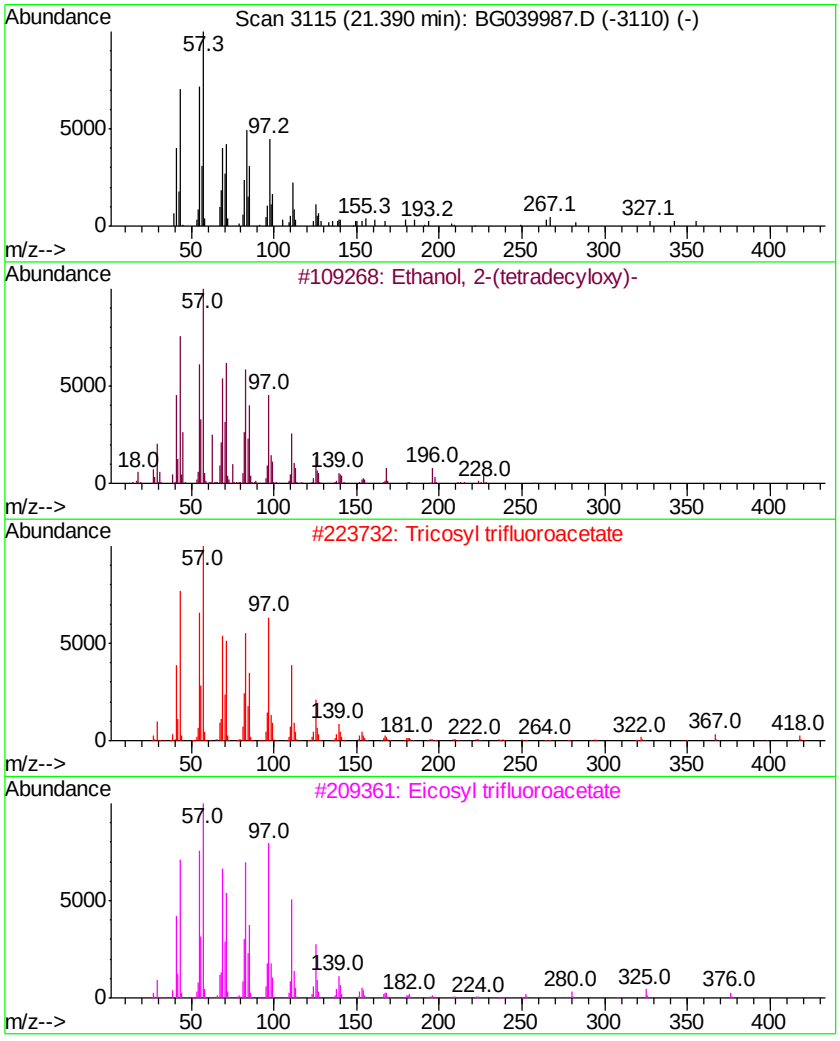
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

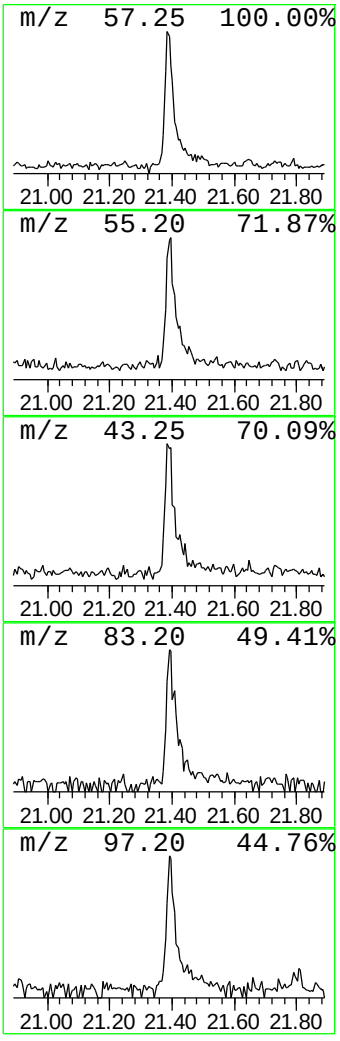
****

Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.79 ng	103714	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
3	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039987.D
Acq On : 19 Mar 2019 2:30
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

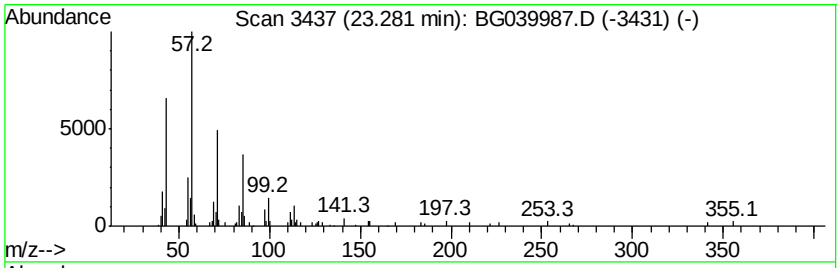
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

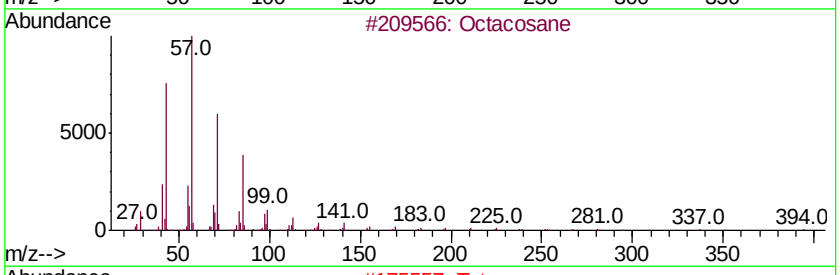
****

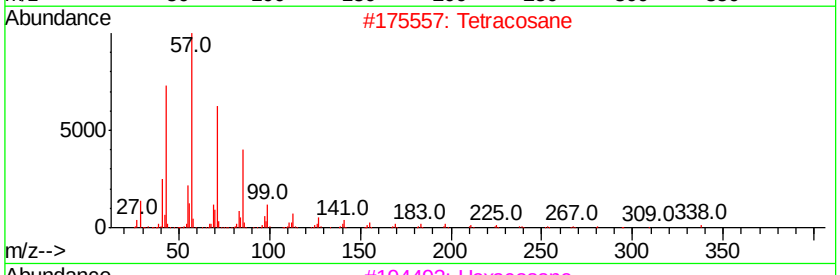
Peak Number 6 Octacosane Concentration Rank 10

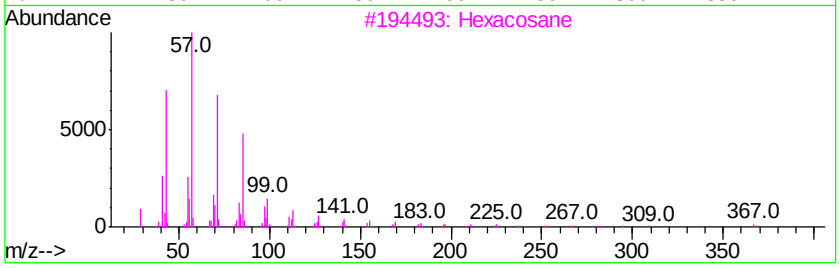
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.28	2.52 ng	93782	Chrysene-d12	21.80

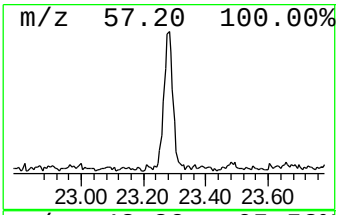
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	86

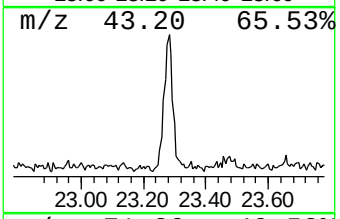


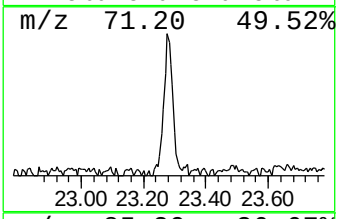


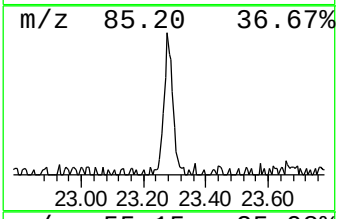


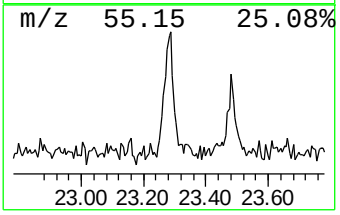












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039987.D
Acq On : 19 Mar 2019 2:30
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

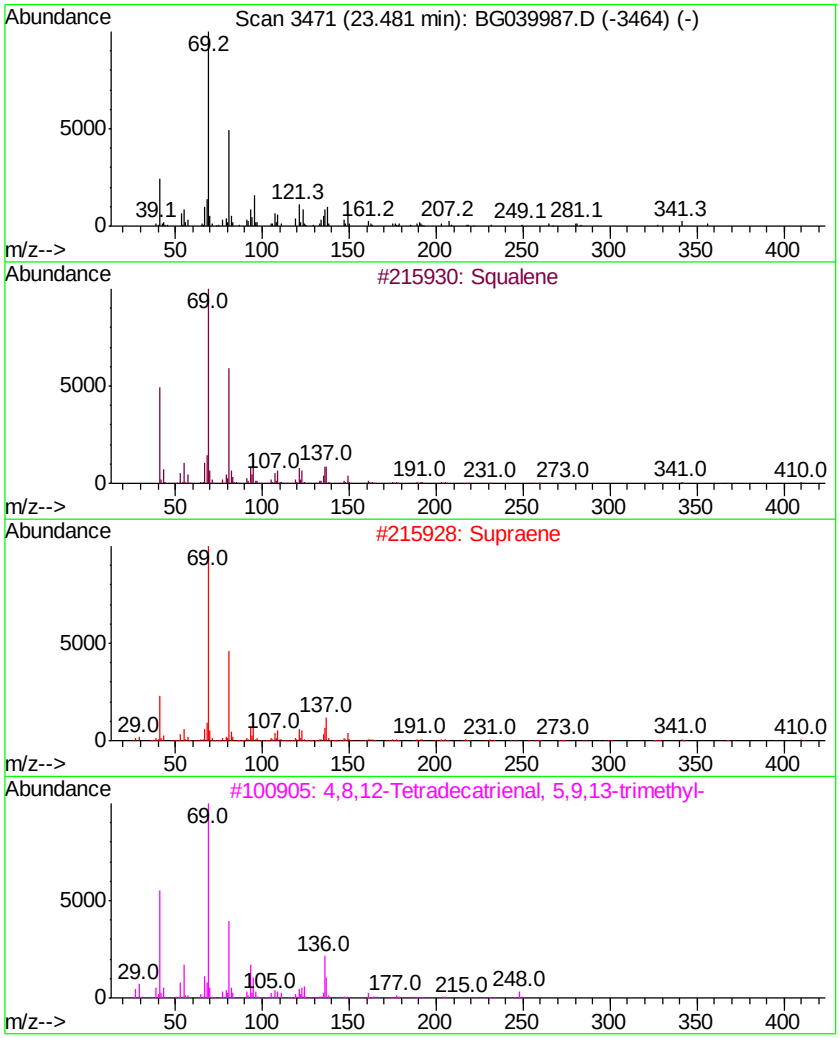
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

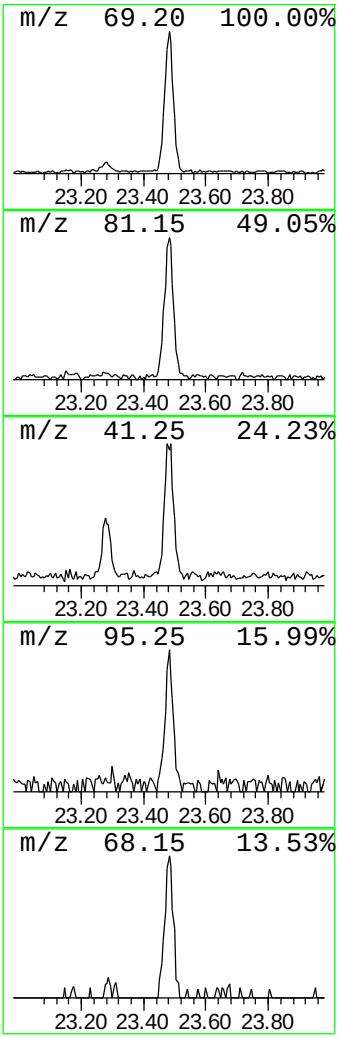
****

Peak Number 7 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.48	4.26 ng	149576	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	Supraene	410	C30H50	007683-64-9	87
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	59
5	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039987.D
Acq On : 19 Mar 2019 2:30
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

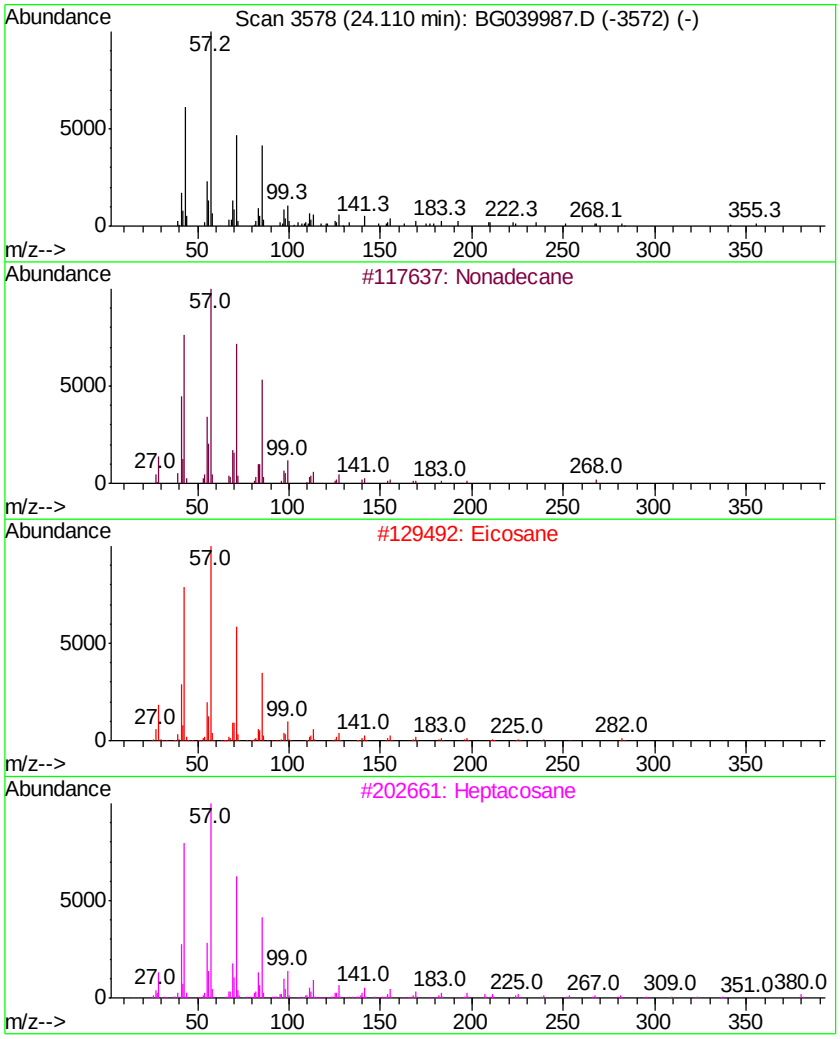
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

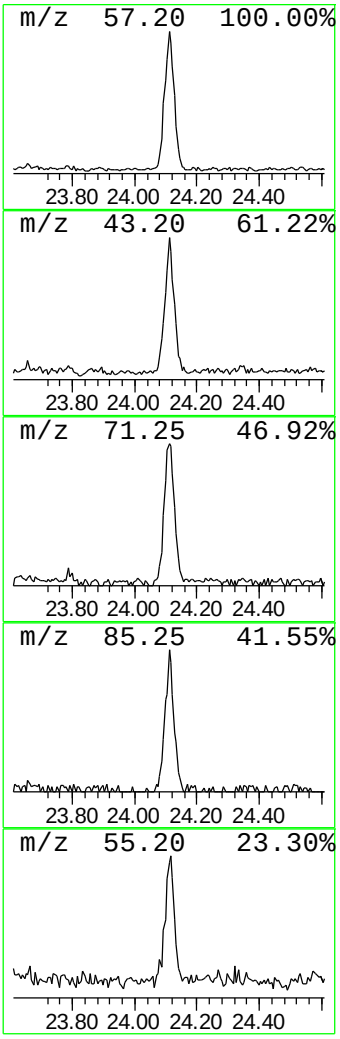
****

Peak Number 8 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	3.66 ng	128612	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptacosane	380	C27H56	000593-49-7	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039987.D
Acq On : 19 Mar 2019 2:30
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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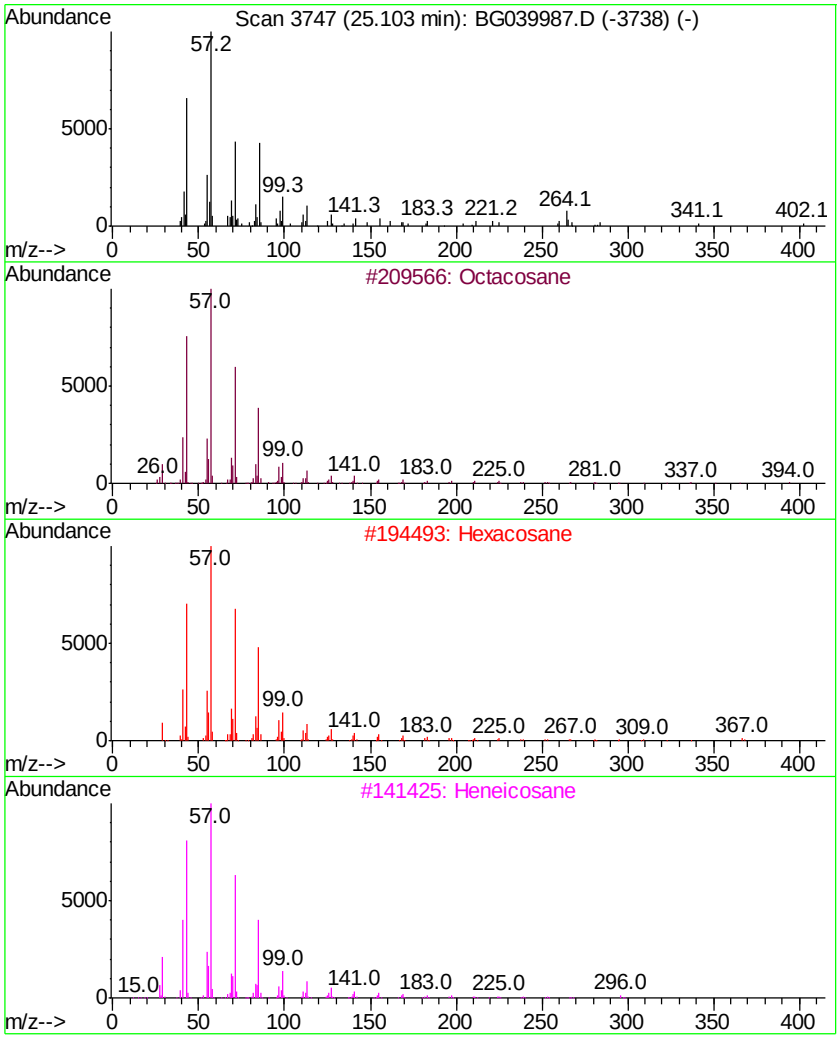
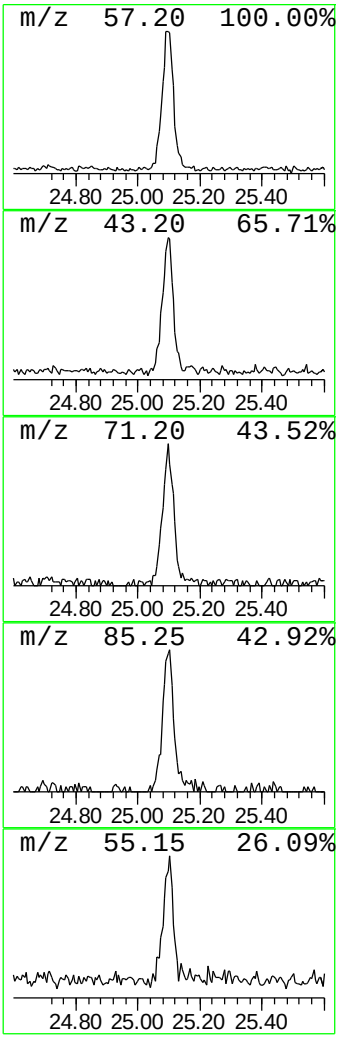
Peak Number 9 Triacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	3.48 ng	122295	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heneicosane	296	C21H44	000629-94-7	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Triacontane	422	C30H62	000638-68-6	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039987.D
Acq On : 19 Mar 2019 2:30
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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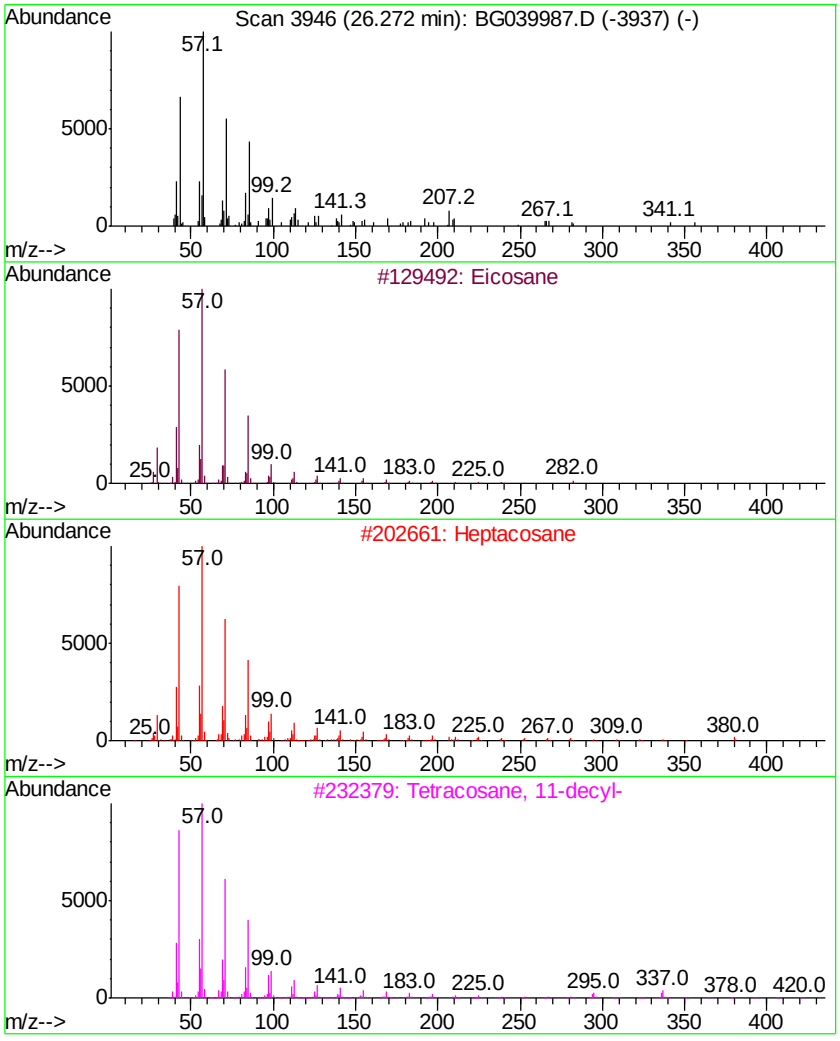
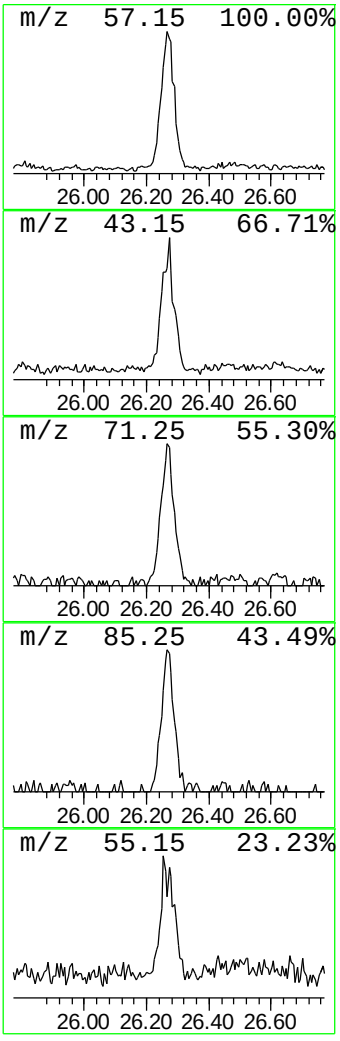
Peak Number 10 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.27	3.41 ng	119923	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039987.D
Acq On : 19 Mar 2019 2:30
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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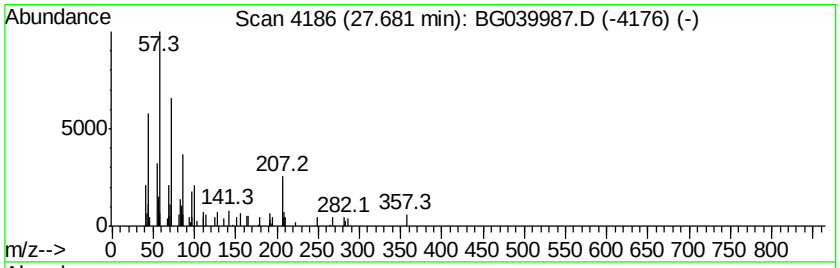
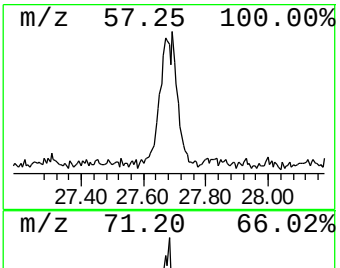
Peak Number 11 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.68	2.30 ng	80694	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	53
2	Octacosane	394	C28H58	000630-02-4	49
3	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	47
4	Nonadecane	268	C19H40	000629-92-5	45
5	Eicosane	282	C20H42	000112-95-8	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
Data File : BG039987.D
Acq On : 19 Mar 2019 2:30
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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...	3.27	13.4	ng	155014	1	8.14	230733	20.0
unknown7.67	7.67	72.2	ng	833173	1	8.14	230733	20.0
Ethanol, 2-(tetra...	21.39	2.8	ng	103714	5	21.80	744493	20.0
Octacosane	23.28	2.5	ng	93782	5	21.80	744493	20.0
Squalene	23.48	4.3	ng	149576	6	25.16	702507	20.0
Nonadecane	24.11	3.7	ng	128612	6	25.16	702507	20.0
Triacontane	25.10	3.5	ng	122295	6	25.16	702507	20.0
Eicosane	26.27	3.4	ng	119923	6	25.16	702507	20.0
Hentriacontane	27.68	2.3	ng	80694	6	25.16	702507	20.0