LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042584.D
Acq On : 30 Aug 2019 3:14
Operator : HP/JU
Sample : K4567-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-GW

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-BG082219.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	3.117	3	5	24	rVB	1030871	1404338	100.00%	17.030%
2	5.555	415	420	433	rVB	15545	27524	1.96%	0.334%
3	7.171	686	695	705	rBV6	9845	29300	2.09%	0.355%
4	7.535	750	757	769	rBV	27059	49484	3.52%	0.600%
5	7.999	828	836	845	rBV	100564	173653	12.37%	2.106%
6	8.323	884	891	900	rBV	113171	198419	14.13%	2.406%
7	9.169	1028	1035	1045	rBV	70534	146542	10.43%	1.777%
8	10.820	1308	1316	1334	rBV	123262	249599	17.77%	3.027%
9	13.276	1727	1734	1747	rBV	272005	445495	31.72%	5.402%
10	14.104	1870	1875	1888	rBV	43041	74721	5.32%	0.906%
11	14.656	1962	1969	1977	rBV2	259878	403608	28.74%	4.894%
12	16.155	2215	2224	2234	rBV2	46542	81352	5.79%	0.987%
13	17.406	2431	2437	2443	rBV2	326017	527479	37.56%	6.397%
14	18.299	2583	2589	2607	rBV4	82247	153443	10.93%	1.861%
15	18.487	2615	2621	2625	rBV3	7634	17279	1.23%	0.210%
16	19.462	2782	2787	2795	rBV	58720	87269	6.21%	1.058%
17	19.568	2801	2805	2811	rBV4	23577	37151	2.65%	0.451%
18	19.791	2839	2843	2845	rBV3	15203	17426	1.24%	0.211%
19	19.827	2845	2849	2857	rVB	60462	91798	6.54%	1.113%
20	20.021	2876	2882	2888	rBV	622620	809421	57.64%	9.816%
21	20.320	2923	2933	2939	rBV3	18779	40707	2.90%	0.494%
22	20.702	2996	2998	3003	rVB6	14703	17927	1.28%	0.217%
23	20.814	3014	3017	3022	rBV3	14925	20307	1.45%	0.246%
24	21.266	3088	3094	3098	rBV3	8052	16881	1.20%	0.205%
25	21.325	3099	3104	3114	rVV3	73265	149365	10.64%	1.811%
26	21.566	3141	3145	3153	rVB4	15605	24489	1.74%	0.297%
27	21.683	3156	3165	3171	rBV2	421858	763562	54.37%	9.259%
28	21.877	3194	3198	3203	rVB2	46724	67641	4.82%	0.820%
29	22.488	3297	3302	3312	rVB2	67442	114196	8.13%	1.385%
30	23.188	3414	3421	3431	rVB	98465	186840	13.30%	2.266%
31	23.898	3534	3542	3547	rBV3	31313	91886	6.54%	1.114%
32	23.998	3552	3559	3570	rVB2	100310	237270	16.90%	2.877%
33	24.621	3660	3665	3679	rVB2	17572	52558	3.74%	0.637%
34	24.768	3682	3690	3698	rBV	27233	73600	5.24%	0.893%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042584.D
Acq On : 30 Aug 2019 3:14
Operator : HP/JU
Sample : K4567-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-GW

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-BG082219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	24.927	3706	3717	3736	rBV2	267630	978871	69.70%	11.870%
36	26.096	3906	3916	3930	rVB3	66686	202059	14.39%	2.450%
37	27.471	4139	4150	4158	rBV5	32887	114797	8.17%	1.392%
38	28.616	4341	4345	4357	rVB5	10437	34315	2.44%	0.416%
39	29.110	4420	4429	4430	rBV6	16028	33731	2.40%	0.409%

Sum of corrected areas: 8246303

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
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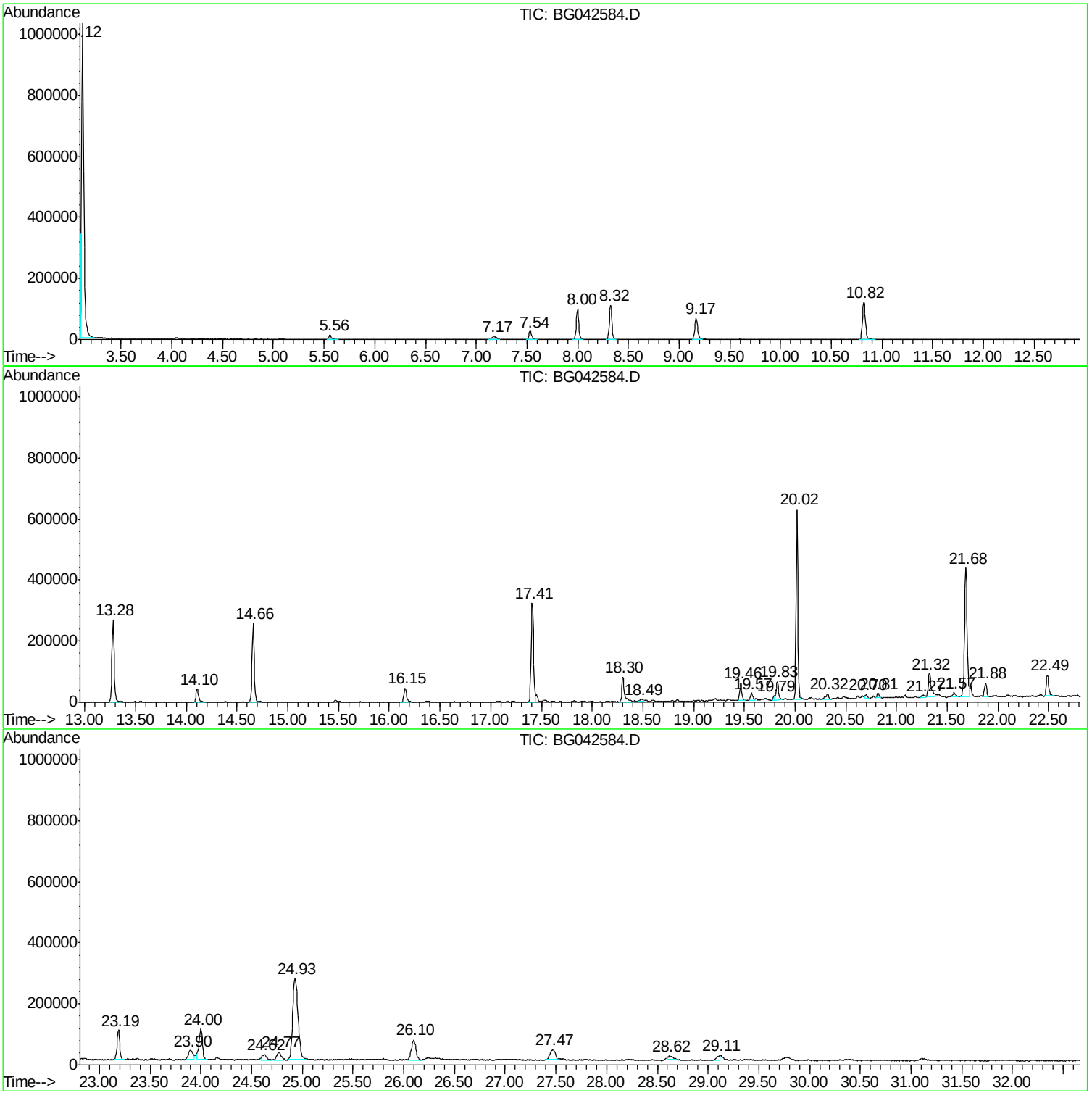
Acq On : 30 Aug 2019 3:14
Operator : HP/JU
Sample : K4567-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-7-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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\BG082919\
Data File : BG042584.D
Acq On : 30 Aug 2019 3:14
Operator : HP/JU
Sample : K4567-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

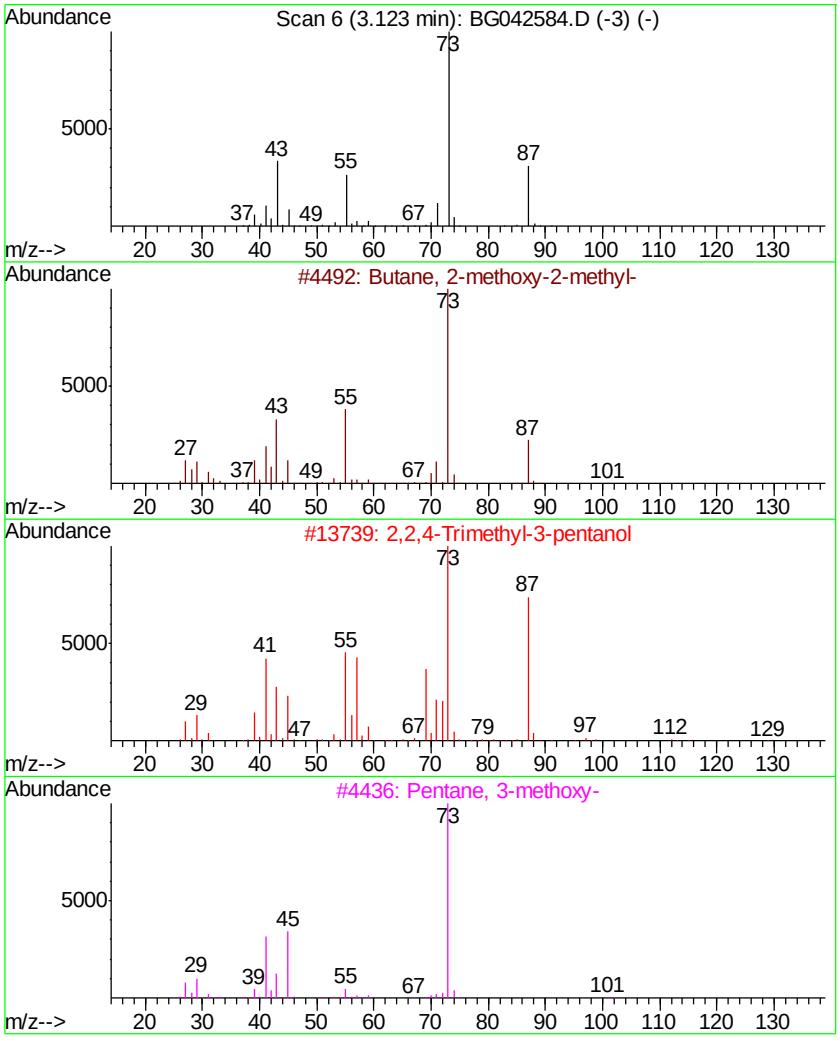
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

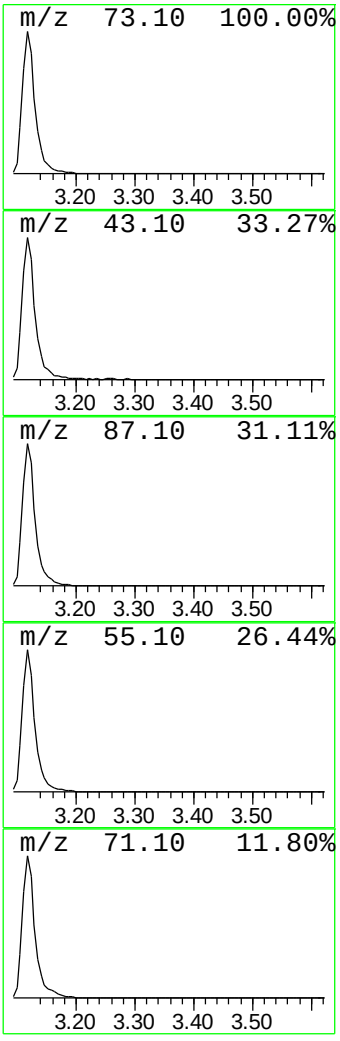
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	161.74 ng	1404340	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042584.D
Acq On : 30 Aug 2019 3:14
Operator : HP/JU
Sample : K4567-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

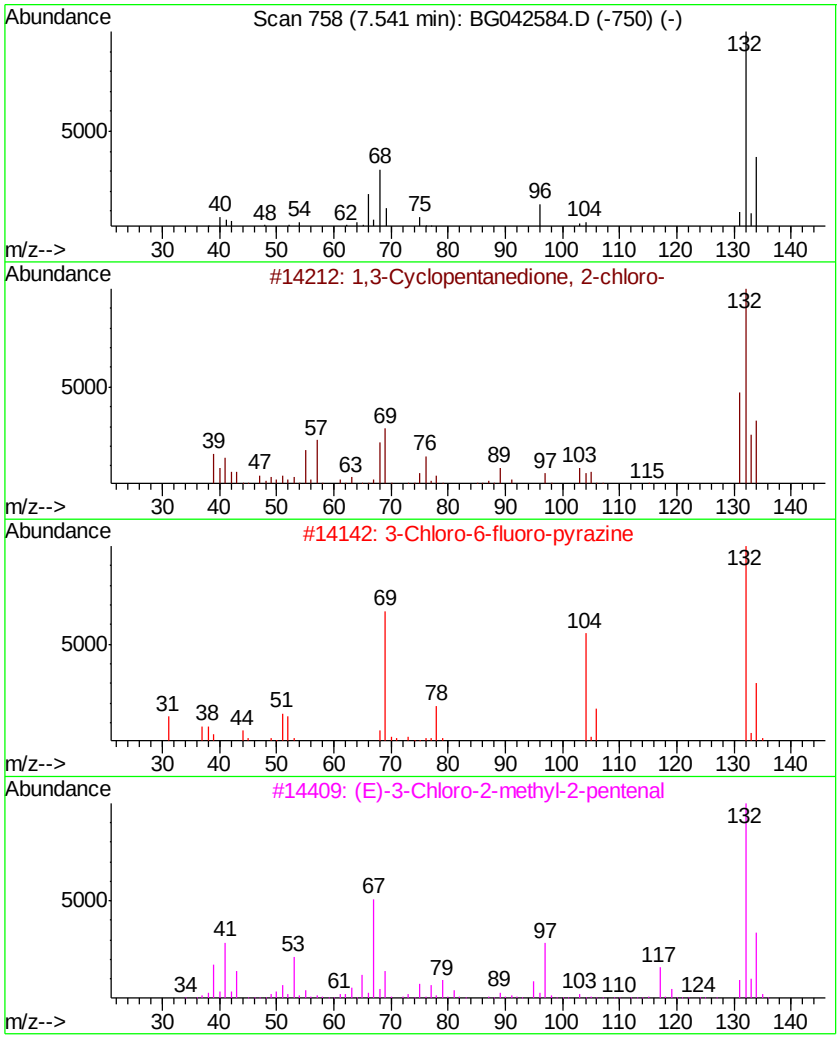
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

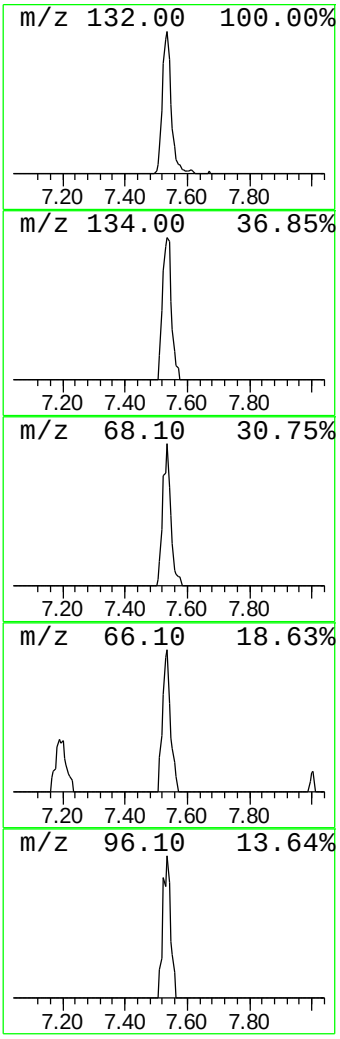
****

Peak Number 2 unknown7.54 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	5.70 ng	49484	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Amphetaminil	250	C17H18N2	017590-01-1	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042584.D
Acq On : 30 Aug 2019 3:14
Operator : HP/JU
Sample : K4567-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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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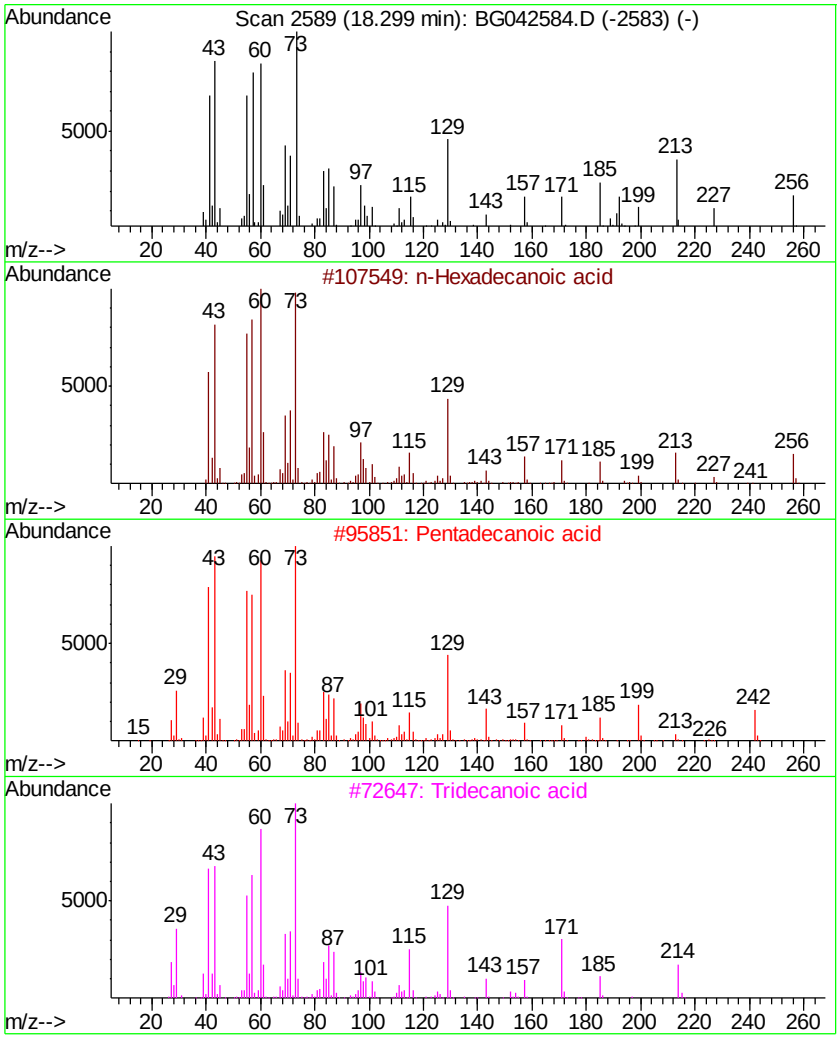
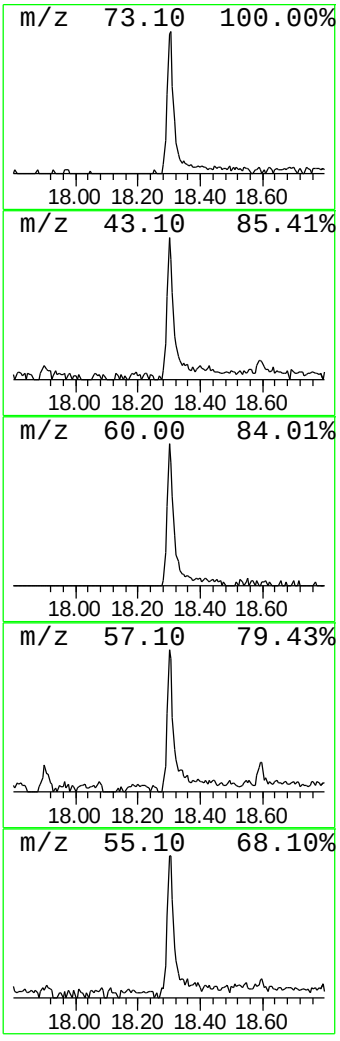
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	5.82 ng	153443	Phenanthrene-d10	17.41

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	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042584.D
Acq On : 30 Aug 2019 3:14
Operator : HP/JU
Sample : K4567-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

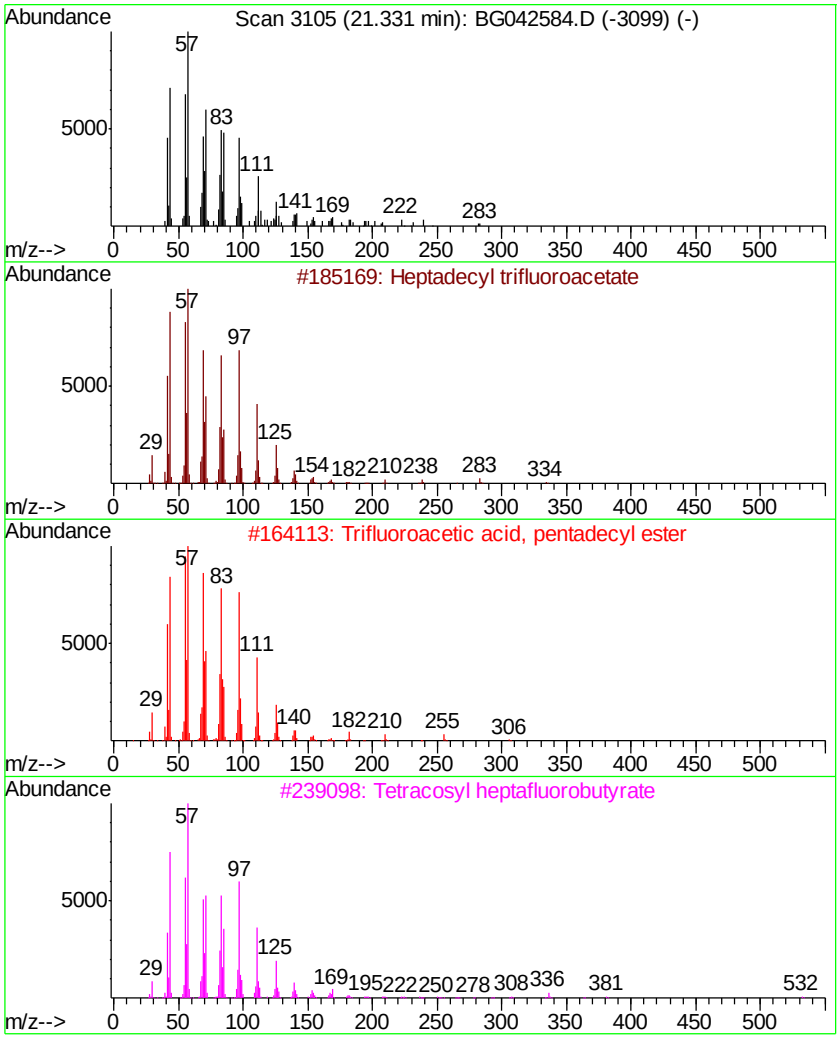
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

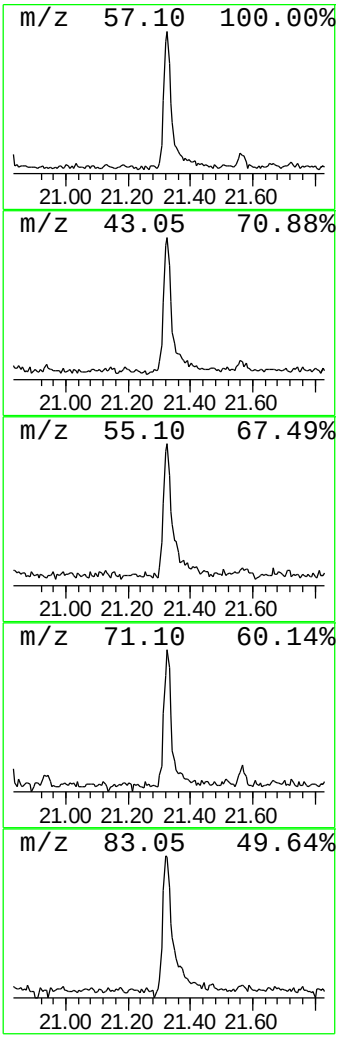
****

Peak Number 5 Heptadecyl trifluoroacetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.91 ng	149365	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042584.D
Acq On : 30 Aug 2019 3:14
Operator : HP/JU
Sample : K4567-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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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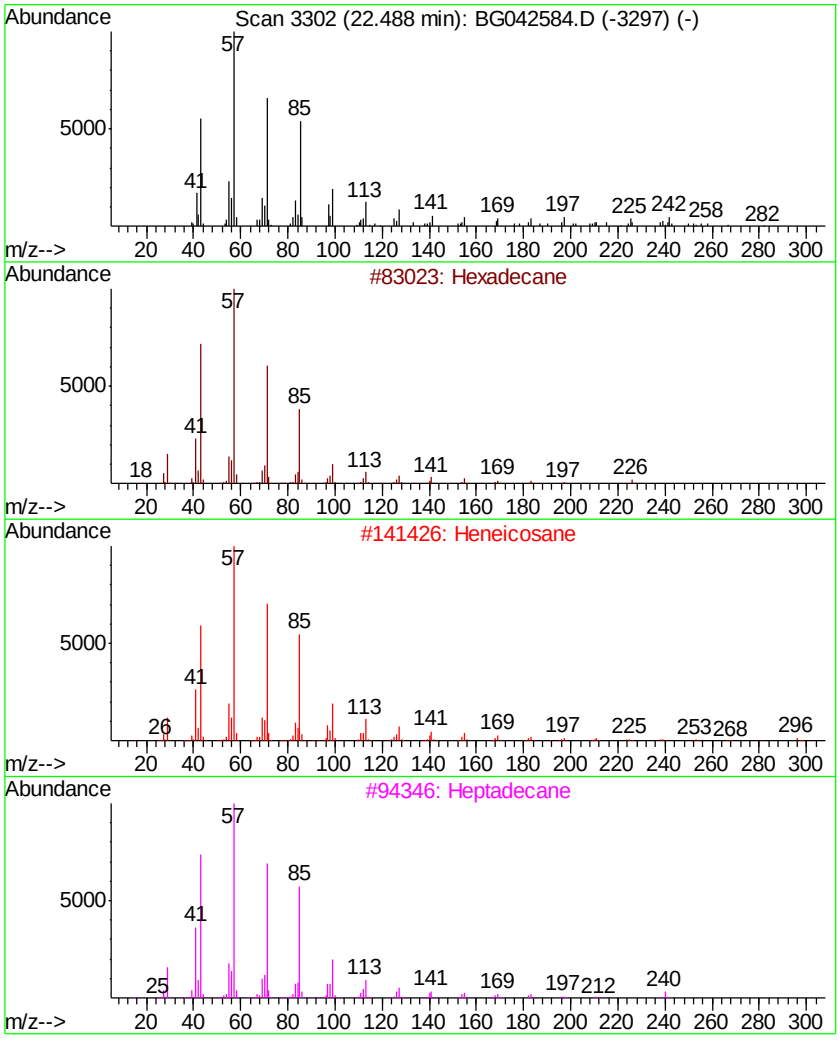
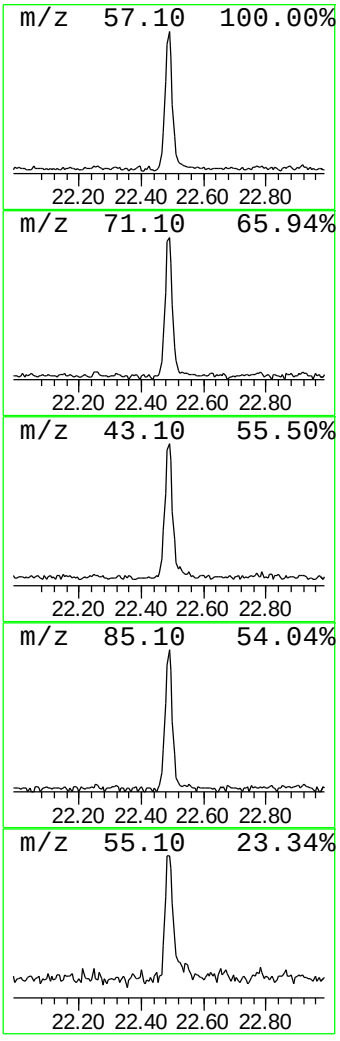
Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.99 ng	114196	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5	Tetratriacontane	479	C34H70	014167-59-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042584.D
Acq On : 30 Aug 2019 3:14
Operator : HP/JU
Sample : K4567-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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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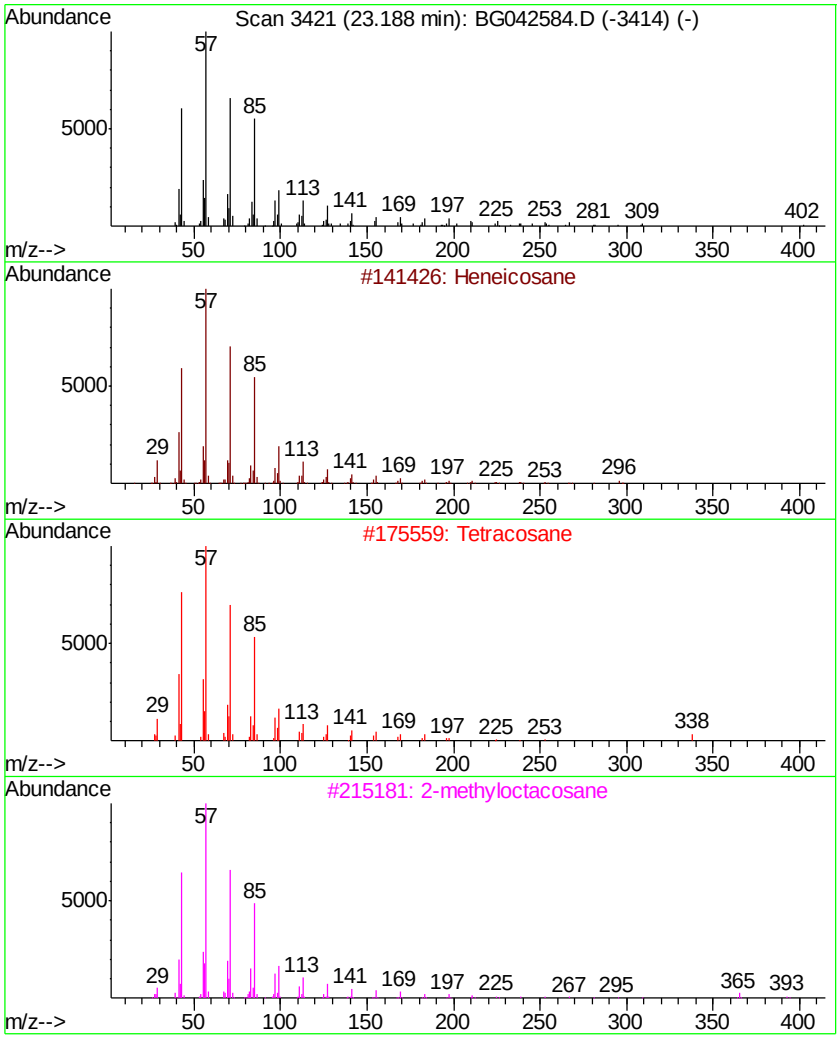
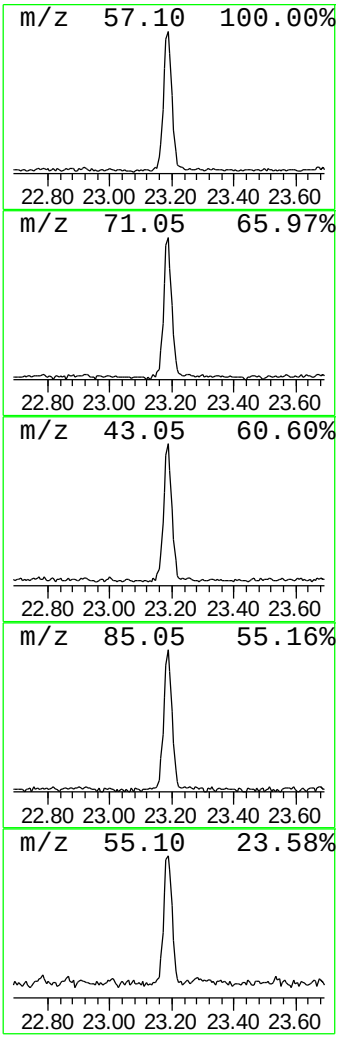
Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	4.89 ng	186840	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042584.D
Acq On : 30 Aug 2019 3:14
Operator : HP/JU
Sample : K4567-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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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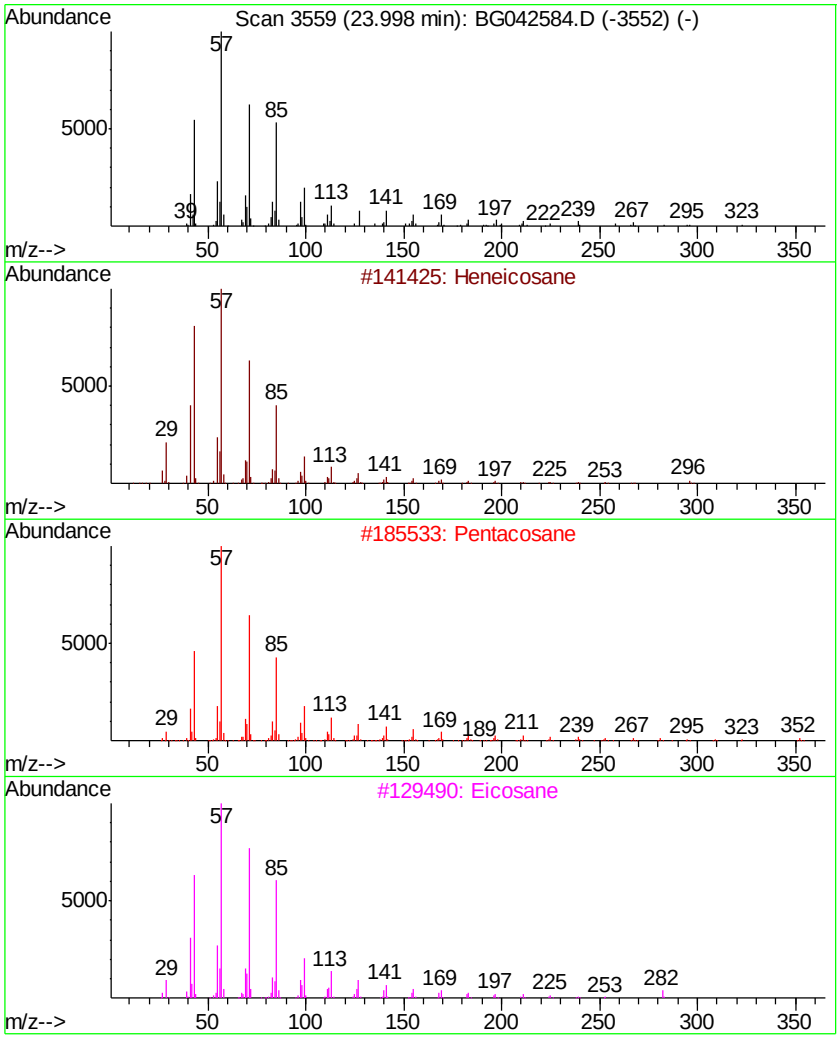
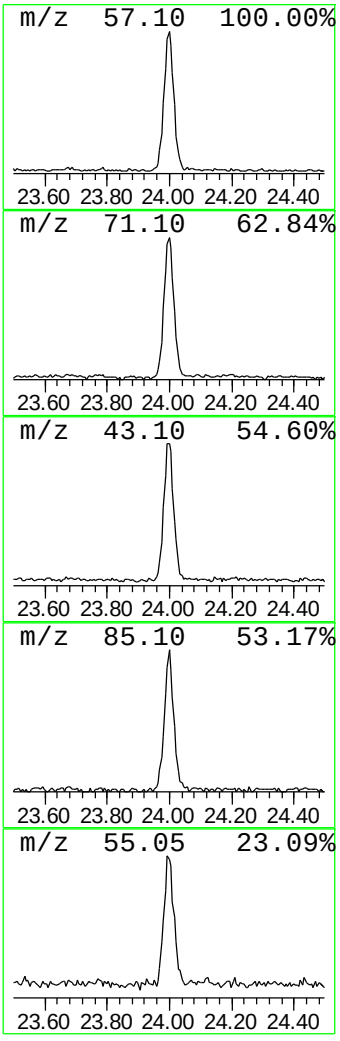
Peak Number 8 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	4.85 ng	237270	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Pentacosane	352	C25H52	000629-99-2	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Triacontane	422	C30H62	000638-68-6	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042584.D
Acq On : 30 Aug 2019 3:14
Operator : HP/JU
Sample : K4567-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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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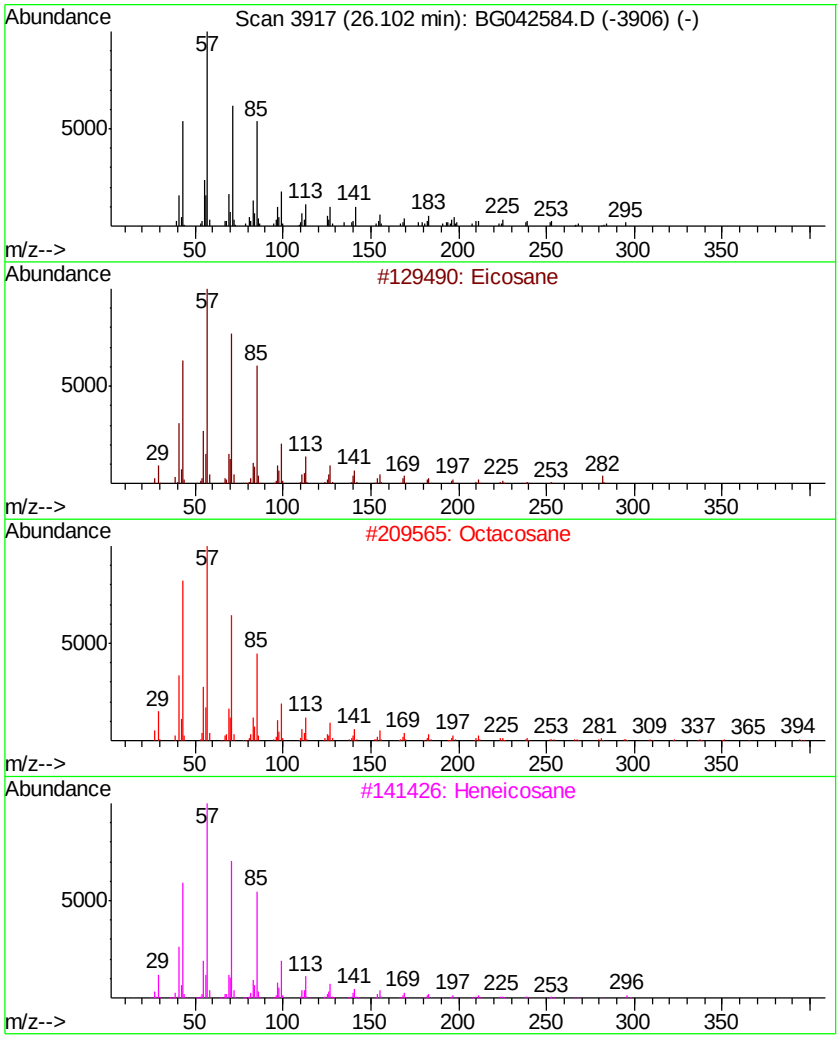
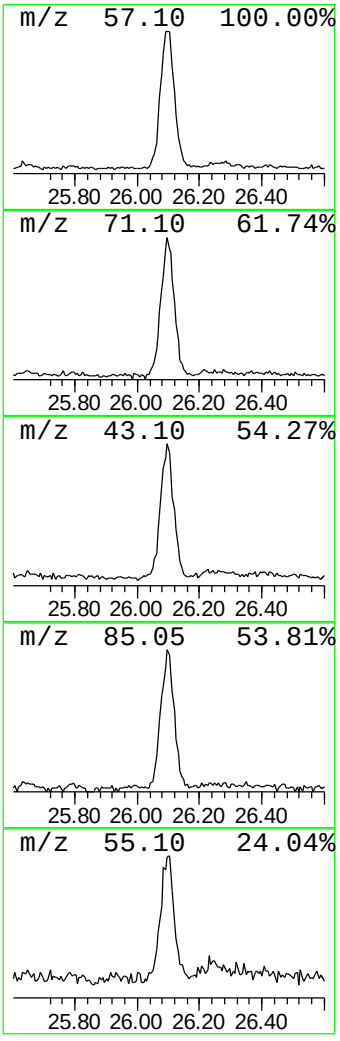
Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.10	4.13 ng	202059	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Triacontane	422	C30H62	000638-68-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042584.D
Acq On : 30 Aug 2019 3:14
Operator : HP/JU
Sample : K4567-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

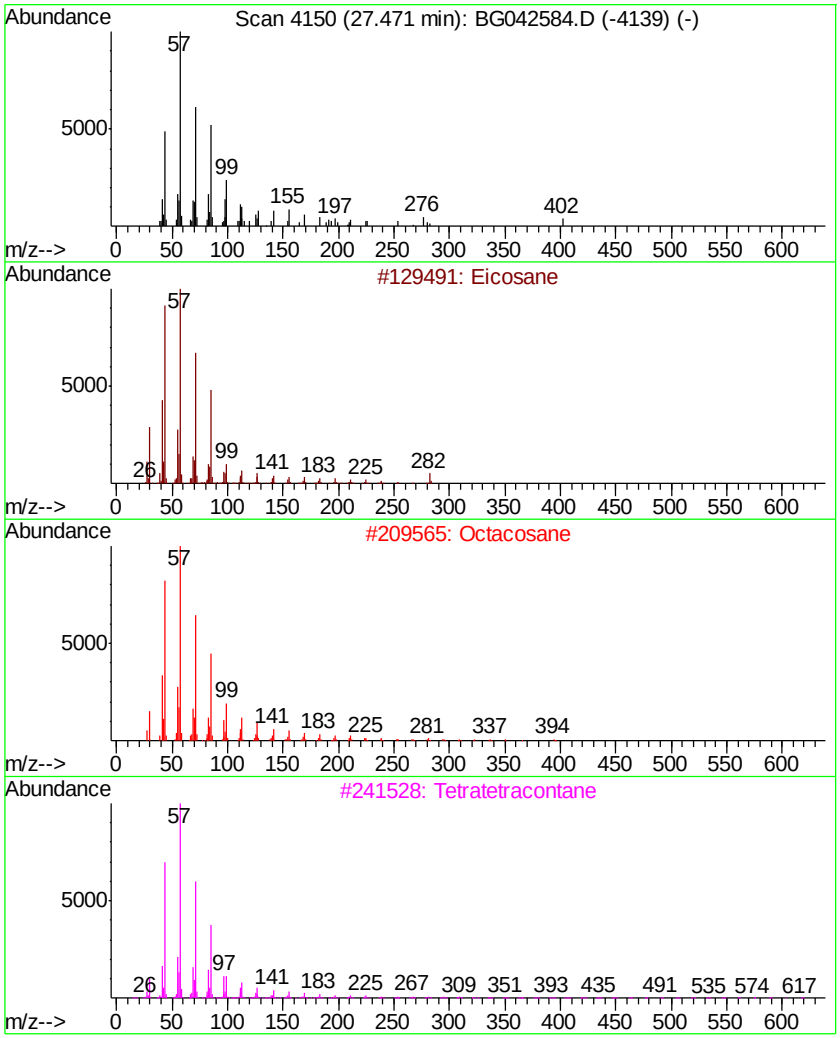
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

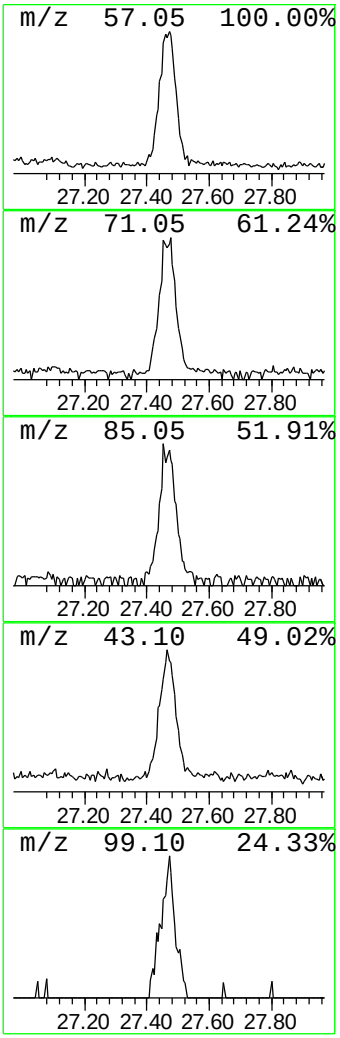
****

Peak Number 10 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.47	2.35 ng	114797	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082919\
Data File : BG042584.D
Acq On : 30 Aug 2019 3:14
Operator : HP/JU
Sample : K4567-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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...	3.12	161.7	ng	1404340	1	8.00	173653	20.0
unknown7.54	7.54	5.7	ng	49484	1	8.00	173653	20.0
n-Hexadecanoic acid	18.30	5.8	ng	153443	4	17.41	527479	20.0
Heptadecyl triflu...	21.33	3.9	ng	149365	5	21.68	763562	20.0
Hexadecane	22.49	3.0	ng	114196	5	21.68	763562	20.0
Heneicosane	23.19	4.9	ng	186840	5	21.68	763562	20.0
Pentacosane	24.00	4.8	ng	237270	6	24.93	978871	20.0
Eicosane	26.10	4.1	ng	202059	6	24.93	978871	20.0
Octacosane	27.47	2.4	ng	114797	6	24.93	978871	20.0