LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040506.D
Acq On : 16 Apr 2019 16:49
Operator : JU/SJ
Sample : K2423-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP3-B

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-BG032719.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	5.596	420	427	441	rBV	891040	1490393	39.97%	7.336%
2	7.200	692	700	724	rBV	925924	1665483	44.67%	8.198%
3	7.576	756	764	777	rBV	882685	1563138	41.92%	7.694%
4	8.040	835	843	854	rBV	175051	304753	8.17%	1.500%
5	8.363	887	898	907	rBV	645255	1143447	30.67%	5.628%
6	9.221	1034	1044	1055	rBV	529490	993967	26.66%	4.892%
7	10.860	1316	1323	1336	rBV	204310	398585	10.69%	1.962%
8	13.299	1729	1738	1753	rBV	1329852	2184622	58.59%	10.753%
9	14.121	1870	1878	1888	rBV	151312	244820	6.57%	1.205%
10	14.674	1965	1972	1982	rBV2	362601	593948	15.93%	2.924%
11	16.166	2219	2226	2244	rBV	1134100	1992662	53.44%	9.808%
12	17.423	2429	2440	2451	rBV2	537863	907658	24.34%	4.468%
13	20.020	2876	2882	2893	rBV	2842406	3728653	100.00%	18.353%
14	20.291	2923	2928	2937	rBV2	30987	37387	1.00%	0.184%
15	20.784	3008	3012	3016	rBV2	49617	59398	1.59%	0.292%
16	21.289	3094	3098	3101	rBV2	64854	74716	2.00%	0.368%
17	21.695	3160	3167	3180	rBV2	538873	981722	26.33%	4.832%
18	21.836	3186	3191	3197	rVB	78440	112380	3.01%	0.553%
19	22.441	3288	3294	3303	rVB	80701	135904	3.64%	0.669%
20	23.134	3405	3412	3423	rBV2	80462	153340	4.11%	0.755%
21	23.328	3439	3445	3452	rBV	90510	164674	4.42%	0.811%
22	23.945	3543	3550	3557	rBV2	72076	157750	4.23%	0.776%
23	24.891	3704	3711	3717	rBV3	58635	159184	4.27%	0.784%
24	24.973	3717	3725	3744	rVB2	275218	884029	23.71%	4.351%
25	26.025	3897	3904	3917	rVB5	44341	133319	3.58%	0.656%
26	27.388	4126	4136	4137	rBV10	23032	50312	1.35%	0.248%

Sum of corrected areas: 20316244

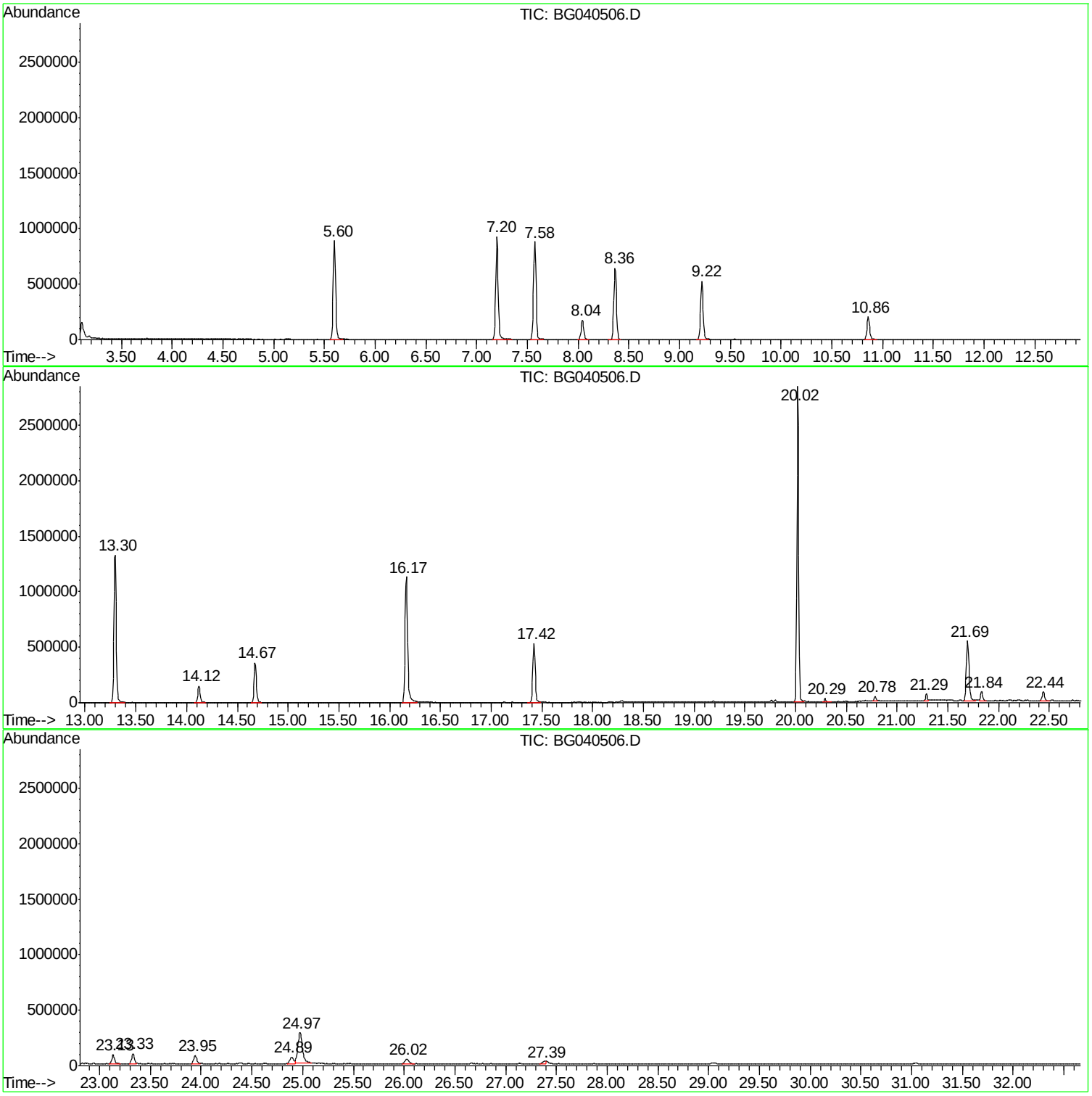
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040506.D
Acq On : 16 Apr 2019 16:49
Operator : JU/SJ
Sample : K2423-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP3-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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\BG041619\
Data File : BG040506.D
Acq On : 16 Apr 2019 16:49
Operator : JU/SJ
Sample : K2423-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP3-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

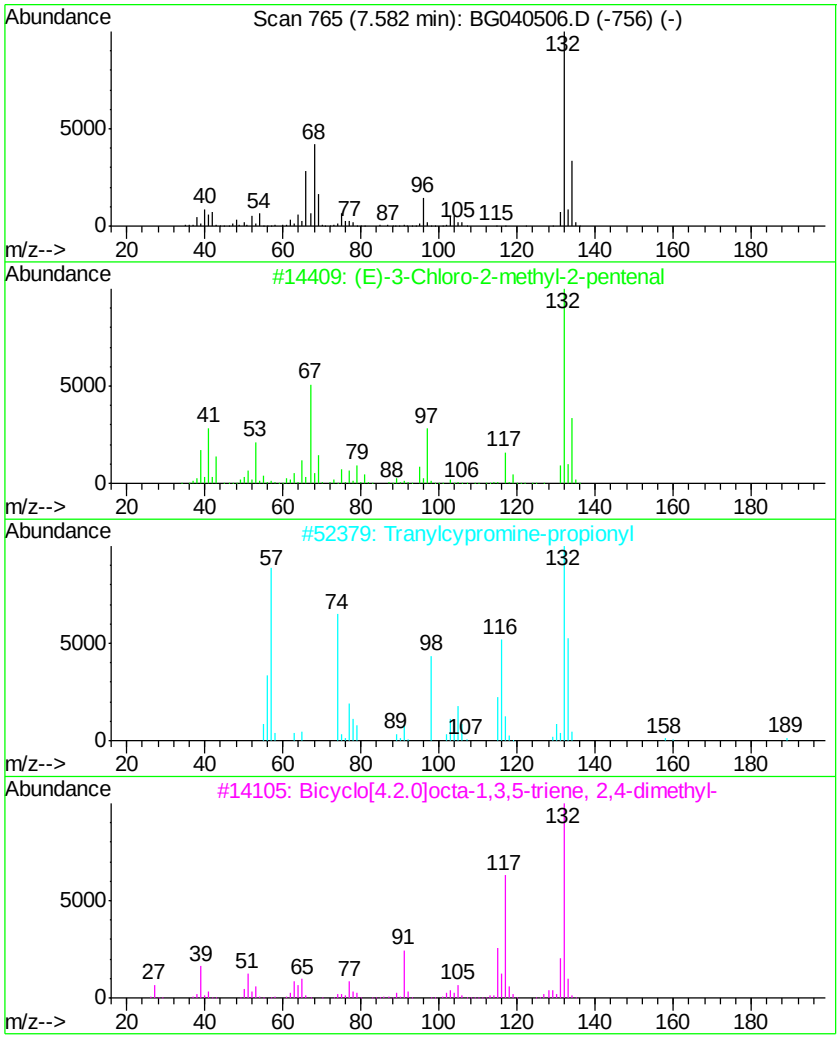
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

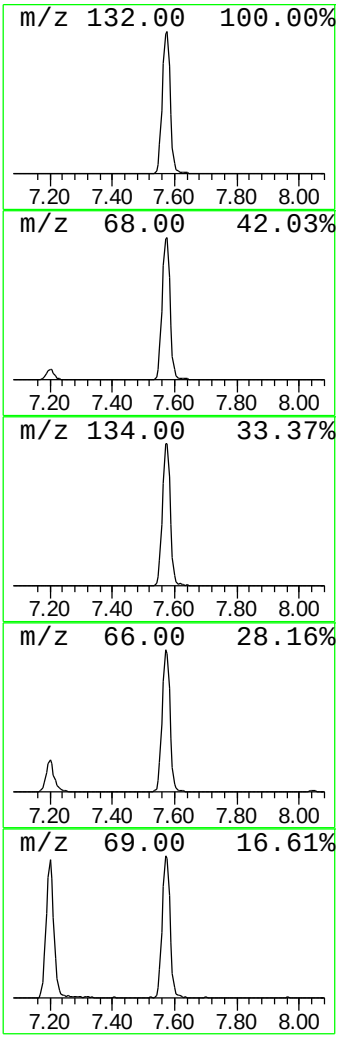
****

Peak Number 1 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	102.58 ng	1563140	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040506.D
Acq On : 16 Apr 2019 16:49
Operator : JU/SJ
Sample : K2423-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP3-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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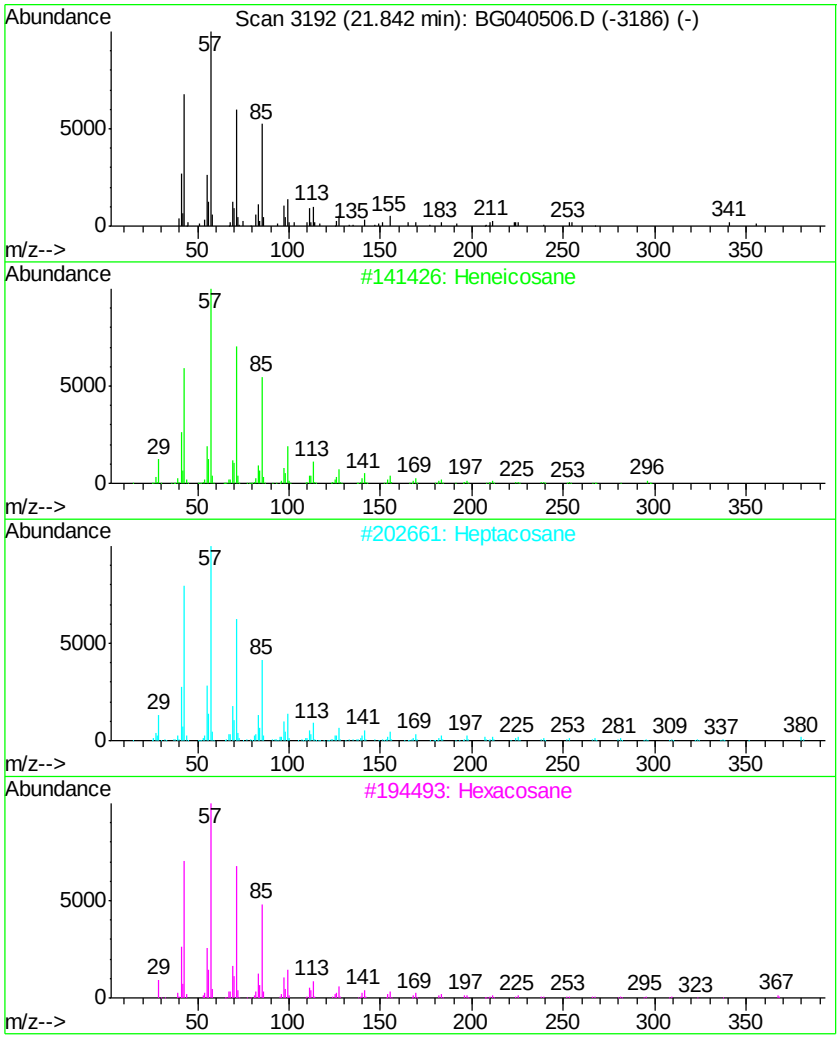
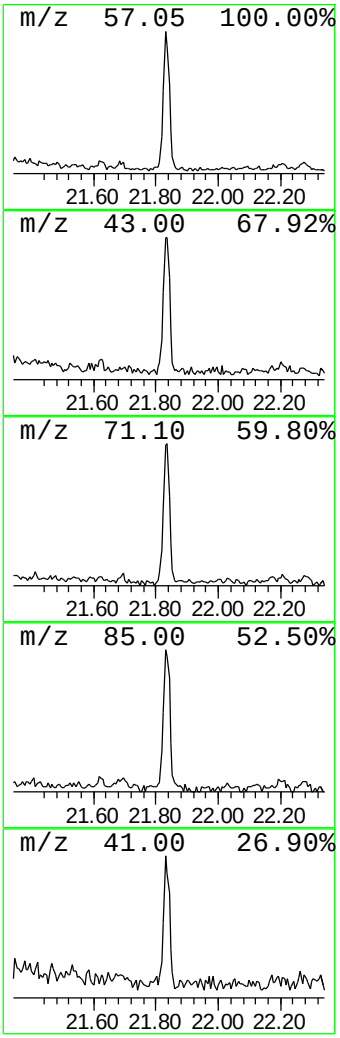
Peak Number 3 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.29 ng	112380	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040506.D
Acq On : 16 Apr 2019 16:49
Operator : JU/SJ
Sample : K2423-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP3-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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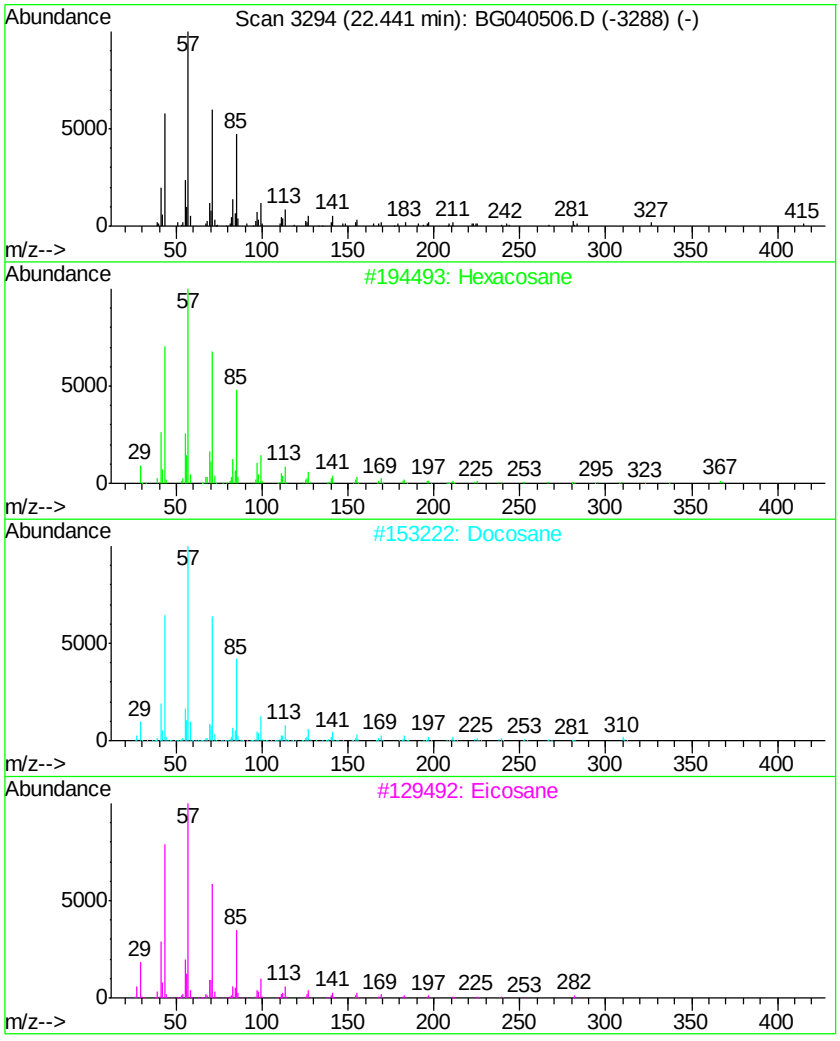
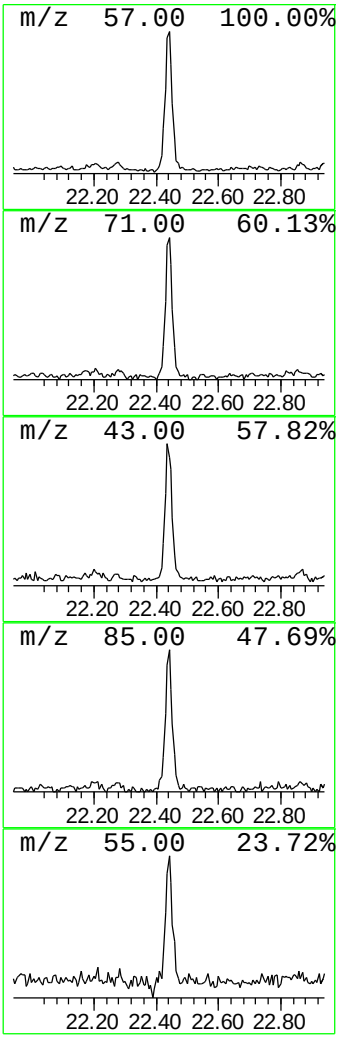
Peak Number 4 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	2.77 ng	135904	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Docosane	310	C22H46	000629-97-0	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Nonadecane	268	C19H40	000629-92-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040506.D
Acq On : 16 Apr 2019 16:49
Operator : JU/SJ
Sample : K2423-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP3-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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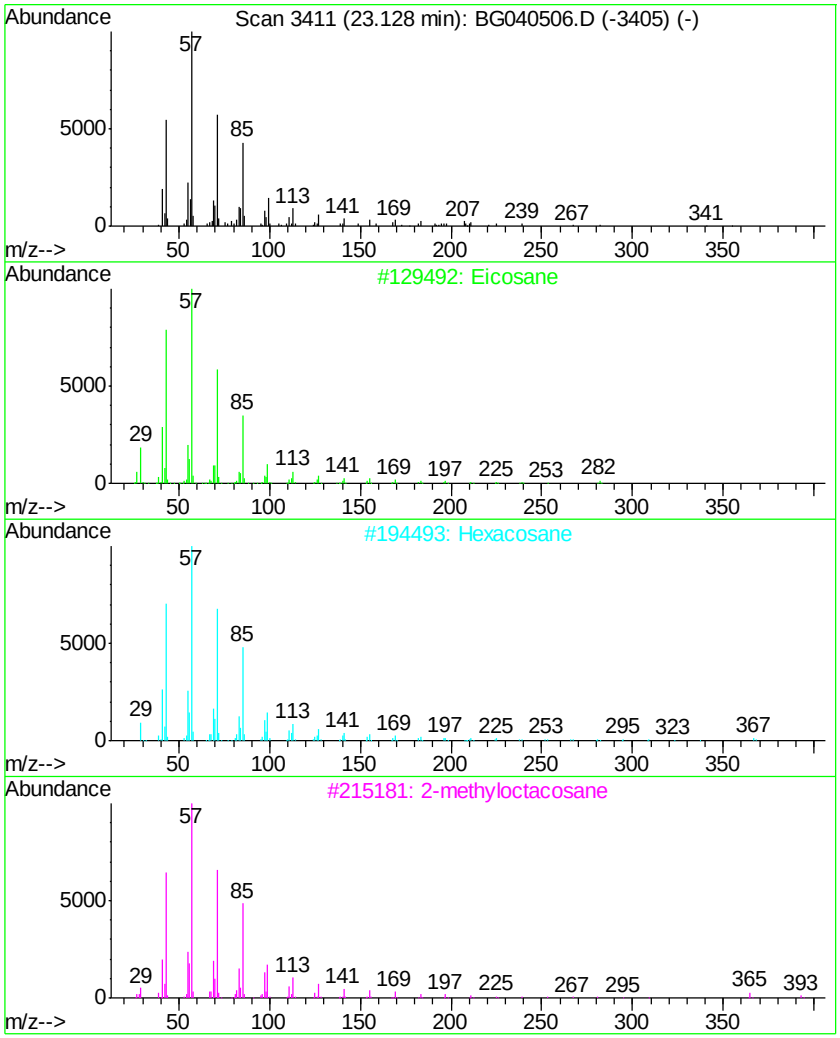
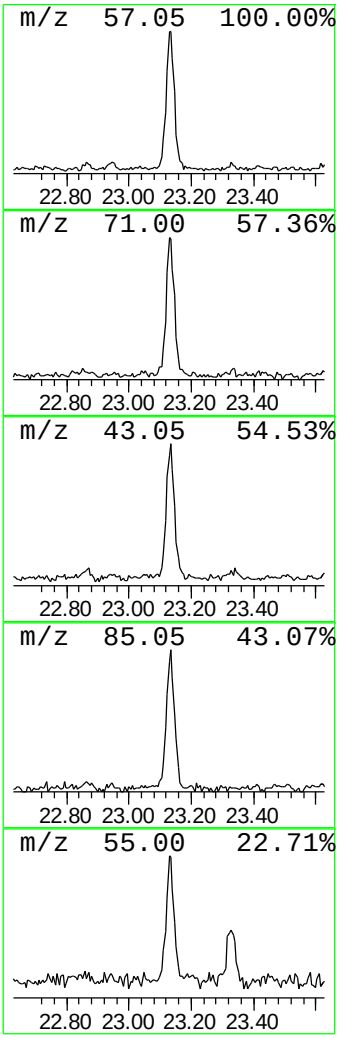
Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	3.12 ng	153340	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octadecane	254	C18H38	000593-45-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040506.D
Acq On : 16 Apr 2019 16:49
Operator : JU/SJ
Sample : K2423-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP3-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

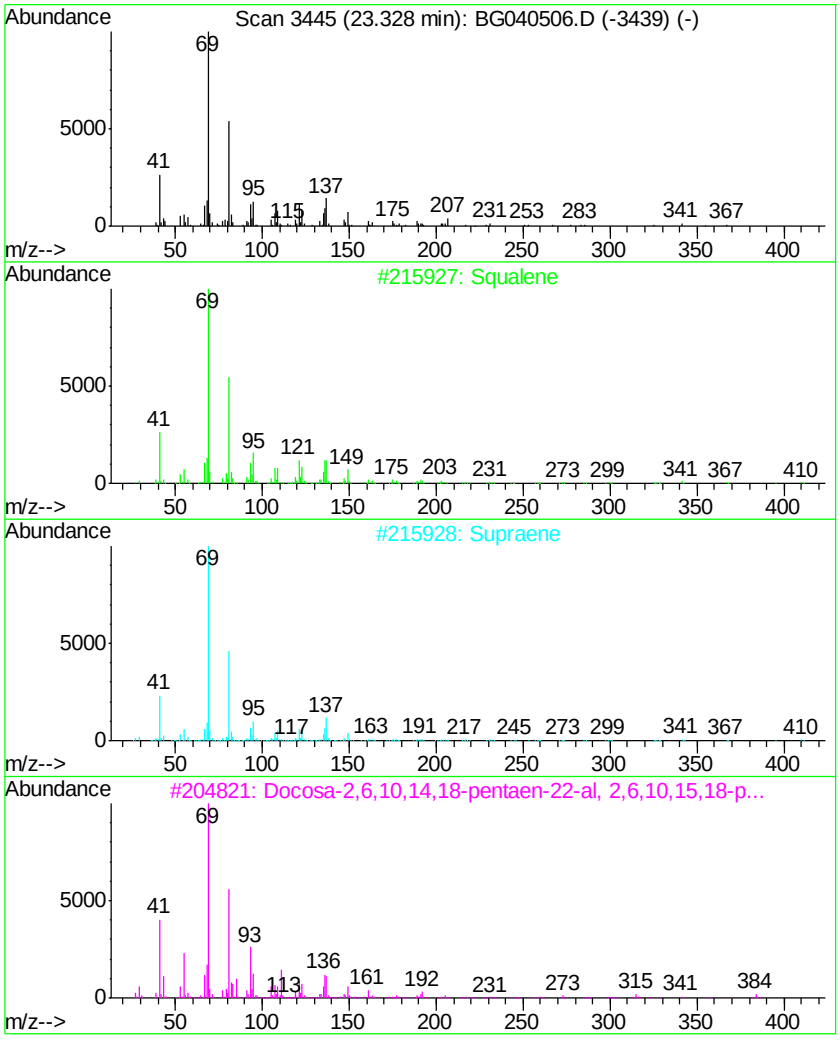
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

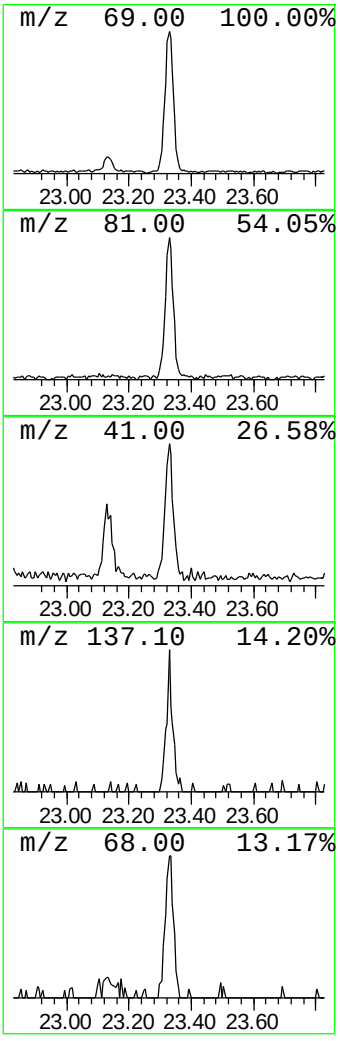
****

Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	3.35 ng	164674	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	Supraene	410	C30H50	007683-64-9	90
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	78
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040506.D
Acq On : 16 Apr 2019 16:49
Operator : JU/SJ
Sample : K2423-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP3-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

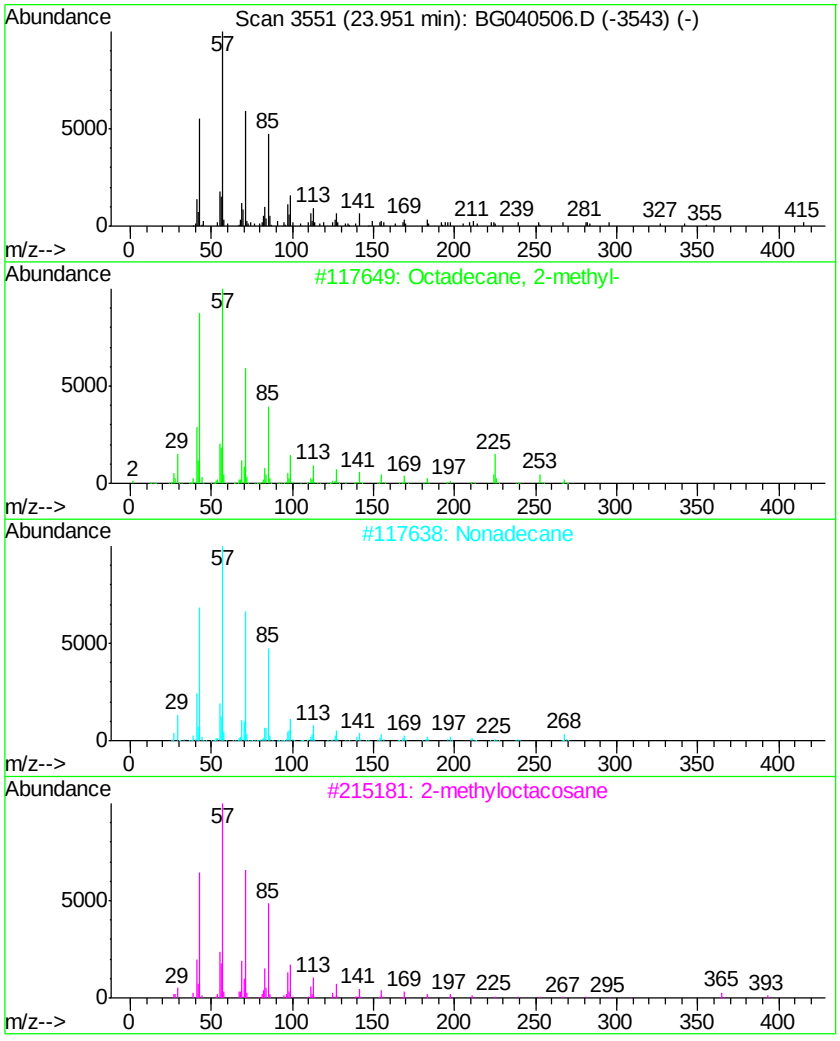
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

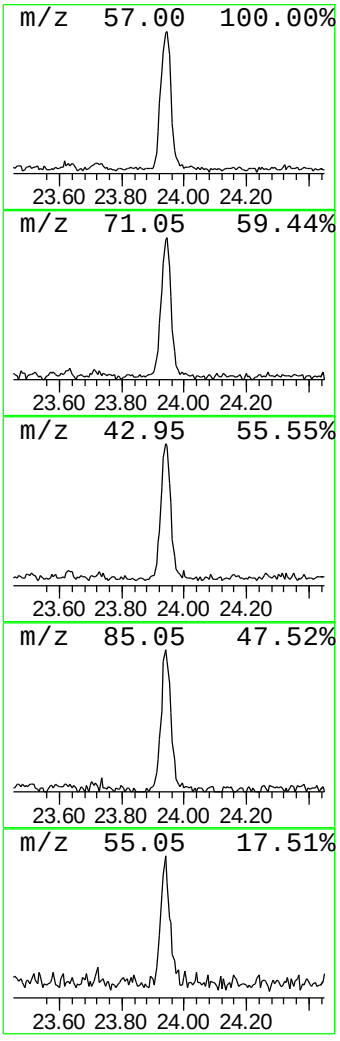
****

Peak Number 7 Octadecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	3.57 ng	157750	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040506.D
Acq On : 16 Apr 2019 16:49
Operator : JU/SJ
Sample : K2423-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP3-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

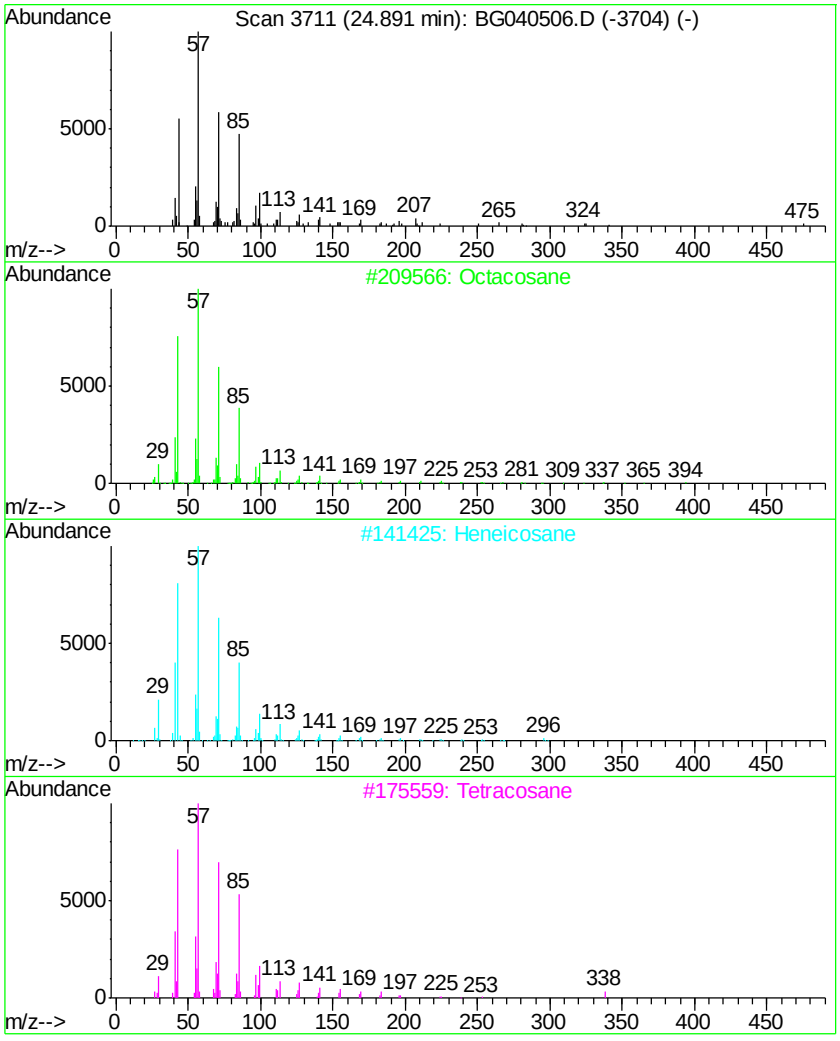
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

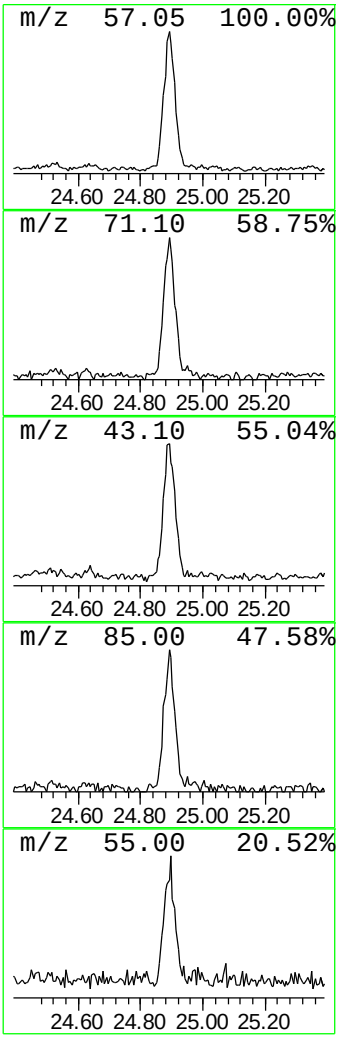
****

Peak Number 8 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	3.60 ng	159184	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Tricosane	324	C23H48	000638-67-5	83
5	Nonadecane	268	C19H40	000629-92-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040506.D
Acq On : 16 Apr 2019 16:49
Operator : JU/SJ
Sample : K2423-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP3-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

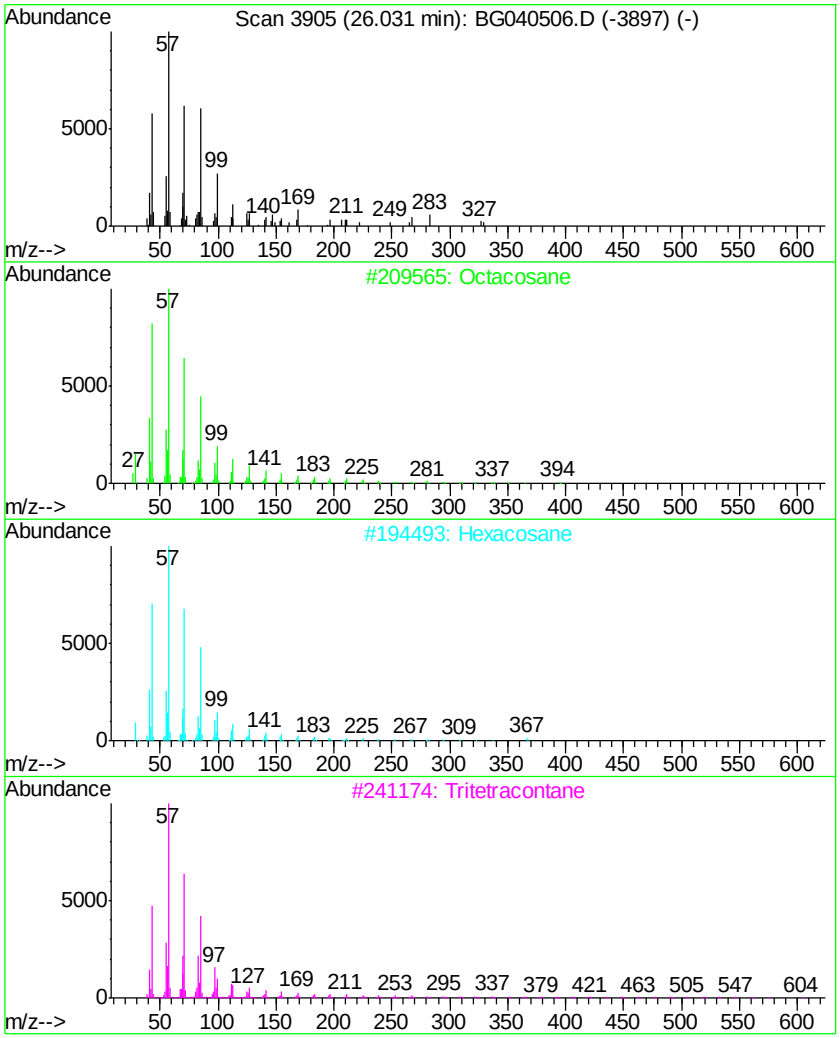
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

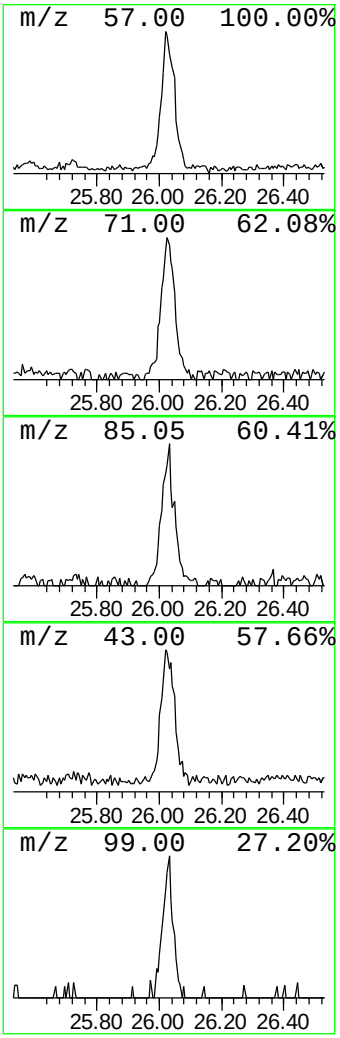
****

Peak Number 9 Tritetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.03	3.02 ng	133319	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Hexacosane	366	C26H54	000630-01-3	83
3	Tritetracontane	605	C43H88	007098-21-7	72
4	2-methyloctacosane	408	C29H60	1000376-72-8	72
5	Nonadecane	268	C19H40	000629-92-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040506.D
Acq On : 16 Apr 2019 16:49
Operator : JU/SJ
Sample : K2423-11
Misc :
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Instrument : BNA_G
ClientSampleId : TP3-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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
unknown7.58	7.58	102.6	ng	1563140	1	8.04	304753	20.0
Heneicosane	21.84	2.3	ng	112380	5	21.69	981722	20.0
Hexacosane	22.44	2.8	ng	135904	5	21.69	981722	20.0
Eicosane	23.13	3.1	ng	153340	5	21.69	981722	20.0
Squalene	23.33	3.4	ng	164674	5	21.69	981722	20.0
Octadecane, 2-met...	23.95	3.6	ng	157750	6	24.97	884029	20.0
Octacosane	24.89	3.6	ng	159184	6	24.97	884029	20.0
Tritetracontane	26.03	3.0	ng	133319	6	24.97	884029	20.0