LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040241.D
Acq On : 30 Mar 2019 1:16
Operator : JU/SJ
Sample : K2111-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5(17-25)COMP

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	3.120	3	5	14	rVB2	169309	266419	6.15%	1.024%
2	3.197	14	18	30	rVB	171278	242755	5.60%	0.933%
3	5.605	421	428	443	rBV	1103412	1794272	41.41%	6.898%
4	7.209	692	701	714	rBV	1206274	2061041	47.56%	7.923%
5	7.585	757	765	776	rVB	1110576	1902685	43.91%	7.315%
6	8.056	839	845	858	rVB	202048	343436	7.93%	1.320%
7	8.379	892	900	912	rVB	774027	1332139	30.74%	5.121%
8	9.231	1037	1045	1054	rBV	686145	1208698	27.89%	4.647%
9	10.870	1317	1324	1332	rBV	275344	496967	11.47%	1.910%
10	13.308	1731	1739	1747	rBV	1864476	2834150	65.40%	10.895%
11	14.131	1872	1879	1886	rBV	132560	194718	4.49%	0.749%
12	14.689	1966	1974	1981	rBV3	455533	755233	17.43%	2.903%
13	16.175	2220	2227	2241	rBV	1616342	2498128	57.65%	9.604%
14	17.433	2434	2441	2449	rBV2	670549	1033342	23.85%	3.972%
15	19.701	2822	2827	2834	rBV3	31002	48631	1.12%	0.187%
16	20.036	2874	2884	2892	rBV	3036810	4333329	100.00%	16.659%
17	20.799	3011	3014	3018	rVB2	52884	58899	1.36%	0.226%
18	21.305	3095	3100	3104	rBV	69850	90894	2.10%	0.349%
19	21.710	3162	3169	3178	rVB	686258	1148432	26.50%	4.415%
20	21.851	3187	3193	3199	rBV	112292	168226	3.88%	0.647%
21	22.468	3292	3298	3306	rBV	164670	282671	6.52%	1.087%
22	23.167	3410	3417	3425	rBV	228096	429287	9.91%	1.650%
23	23.978	3548	3555	3565	rBV2	199747	447406	10.32%	1.720%
24	24.953	3711	3721	3724	rBV2	160041	449943	10.38%	1.730%
25	25.012	3724	3731	3747	rVB3	302091	1079635	24.91%	4.150%
26	26.093	3903	3915	3930	rBV2	98936	314011	7.25%	1.207%
27	27.474	4138	4150	4162	rBV6	50069	197089	4.55%	0.758%

Sum of corrected areas: 26012436

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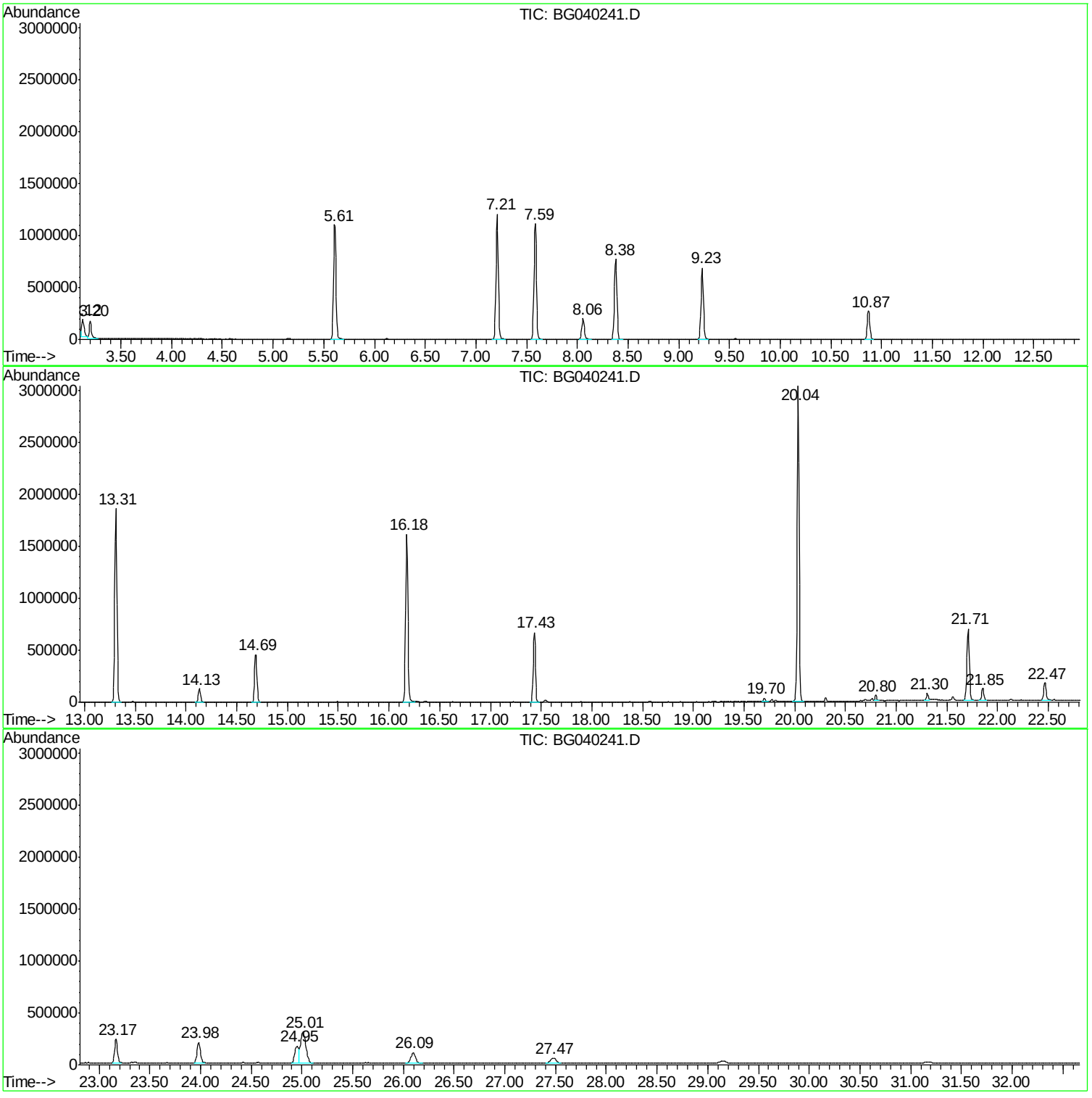
Instrument :
BNA_G
ClientSampleId :
S5(17-25)COMP

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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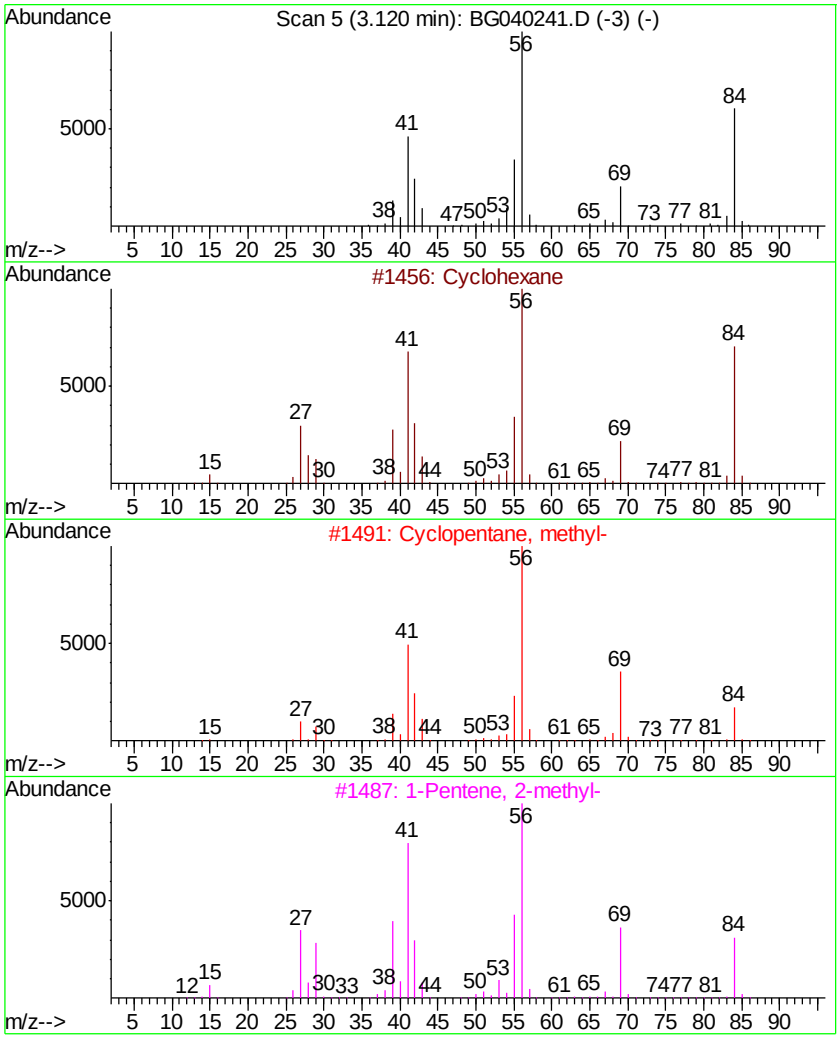
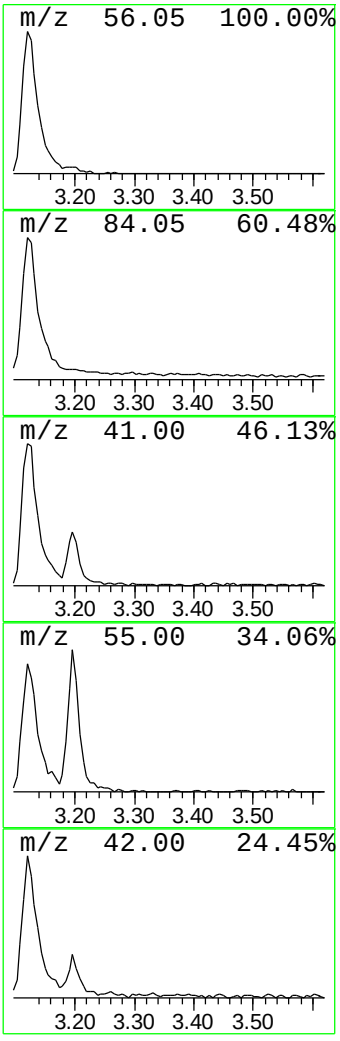
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	15.51 ng	266419	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	56
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
4	1-Hexene	84	C6H12	000592-41-6	45
5	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	36





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Operator : JU/SJ
Sample : K2111-03
Misc :
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Instrument : BNA_G
ClientSampleId : S5(17-25)COMP

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

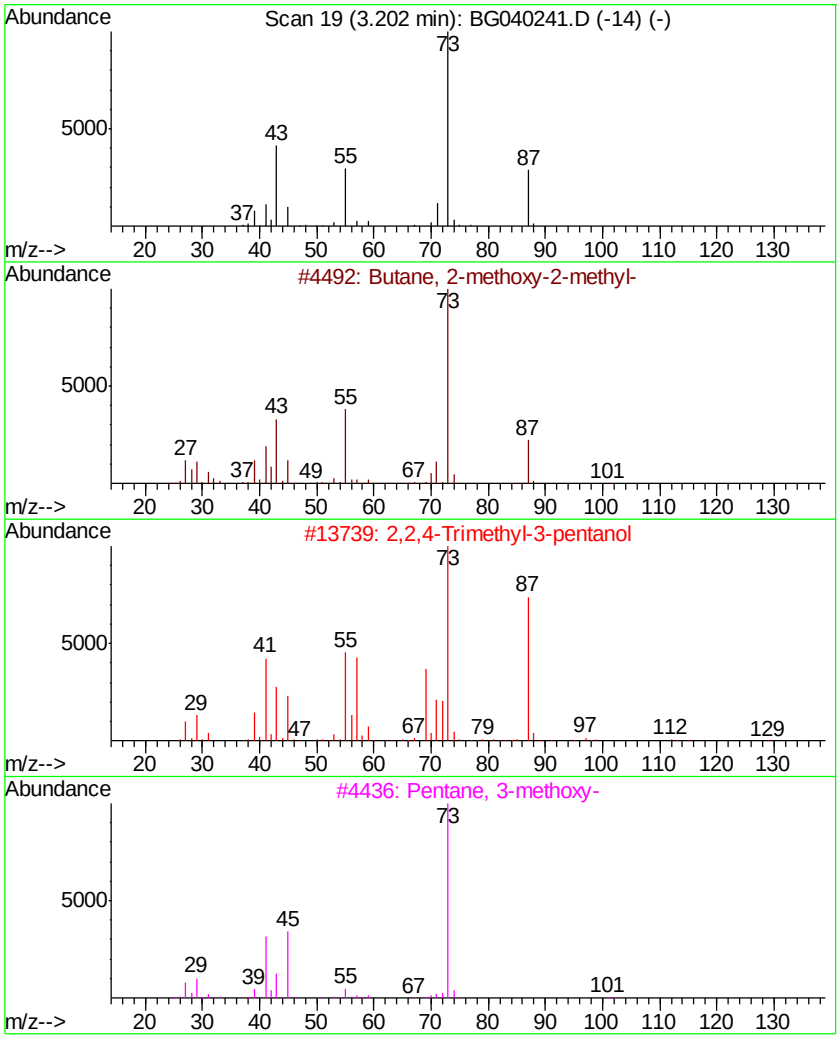
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

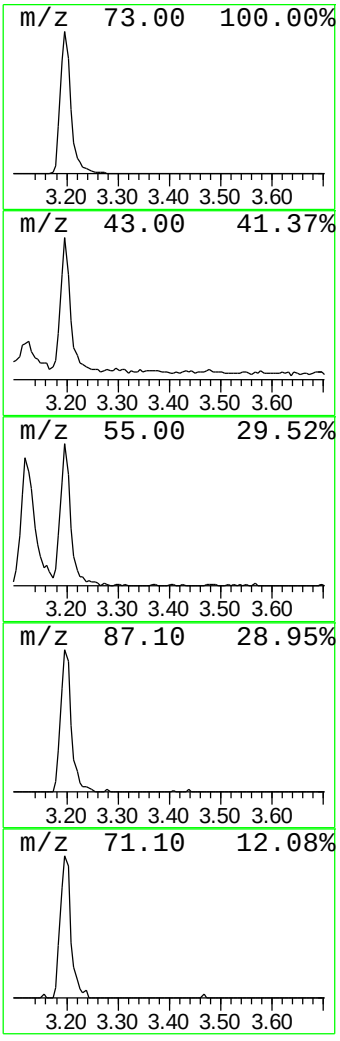
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	14.14 ng	242755	1,4-Dichlorobenzene-d4	8.06

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : S5(17-25)COMP

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
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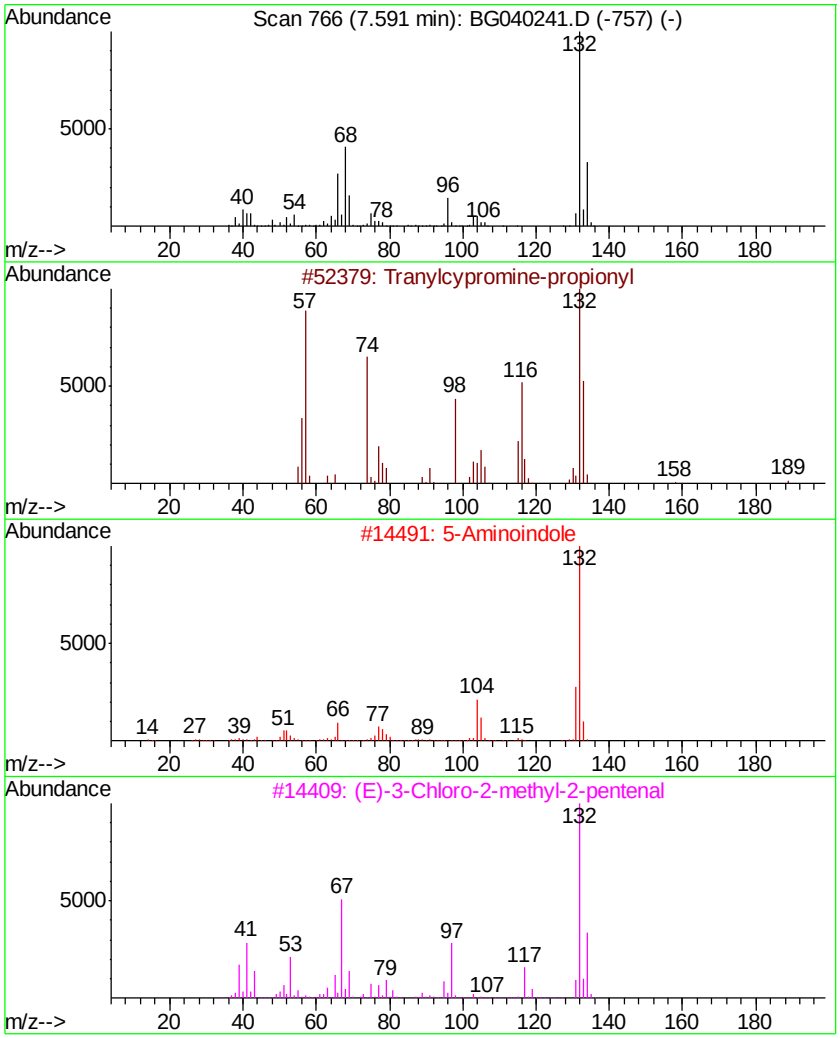
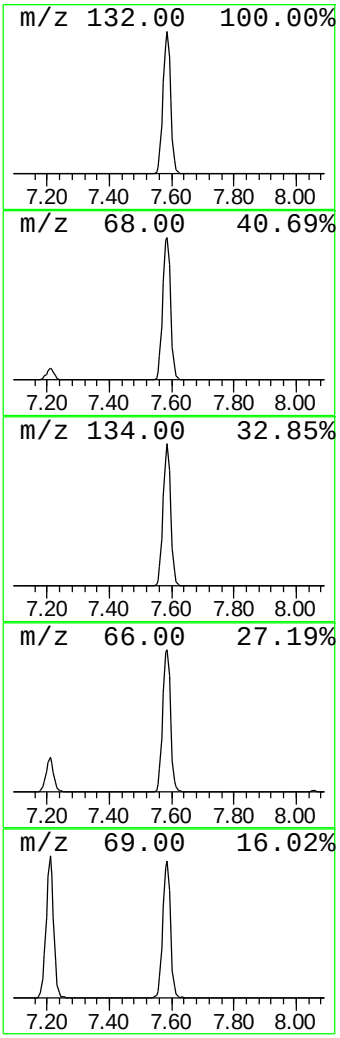
Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	110.80 ng	1902690	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Misc :
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Instrument : BNA_G
ClientSampleId : S5(17-25)COMP

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
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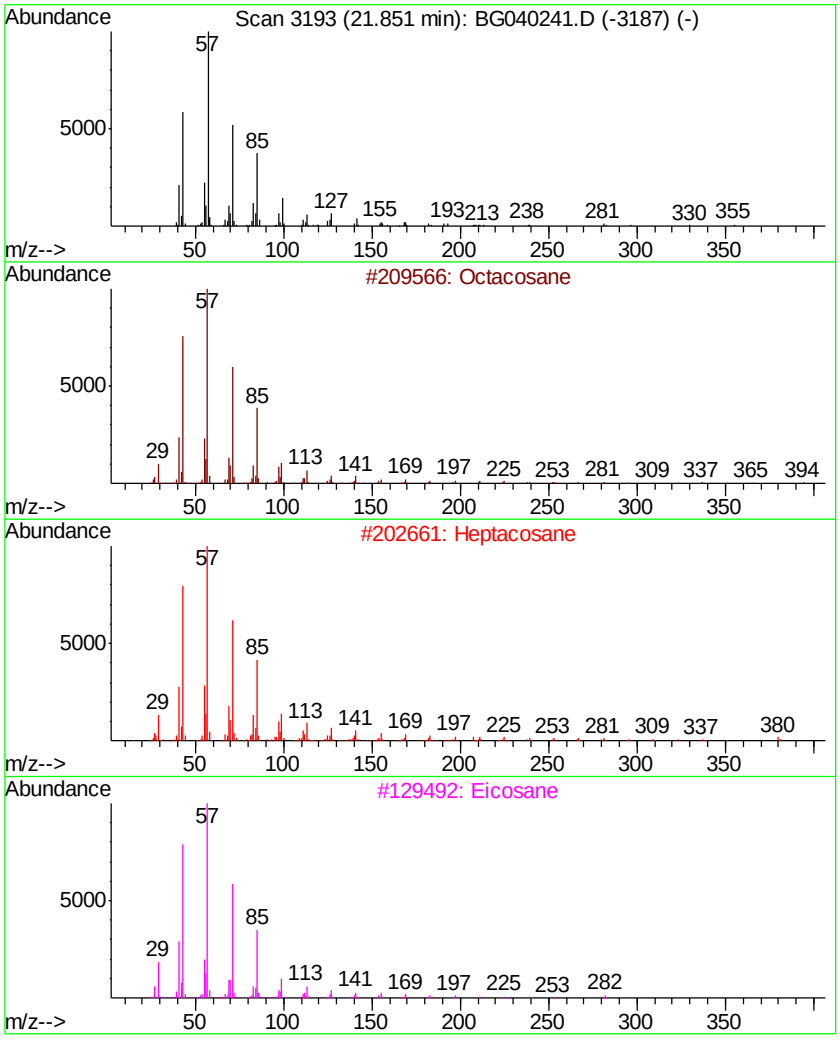
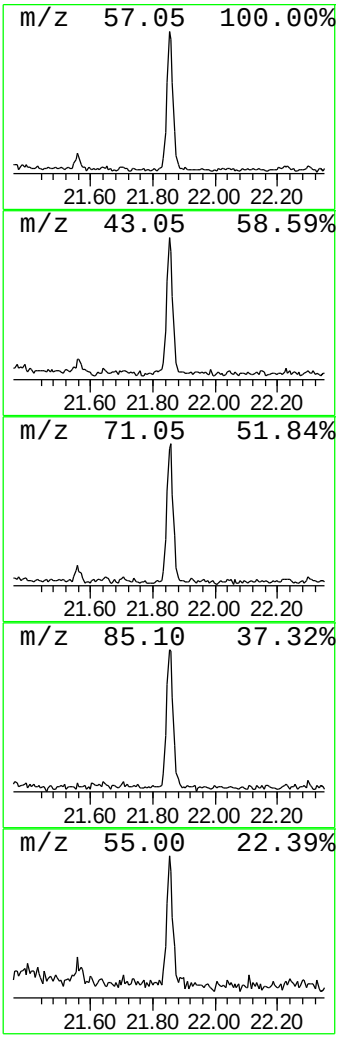
Peak Number 5 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	2.93 ng	168226	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hexadecane	226	C16H34	000544-76-3	86





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Operator : JU/SJ
Sample : K2111-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5(17-25)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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TIC Library : C:\Database\NIST11.L
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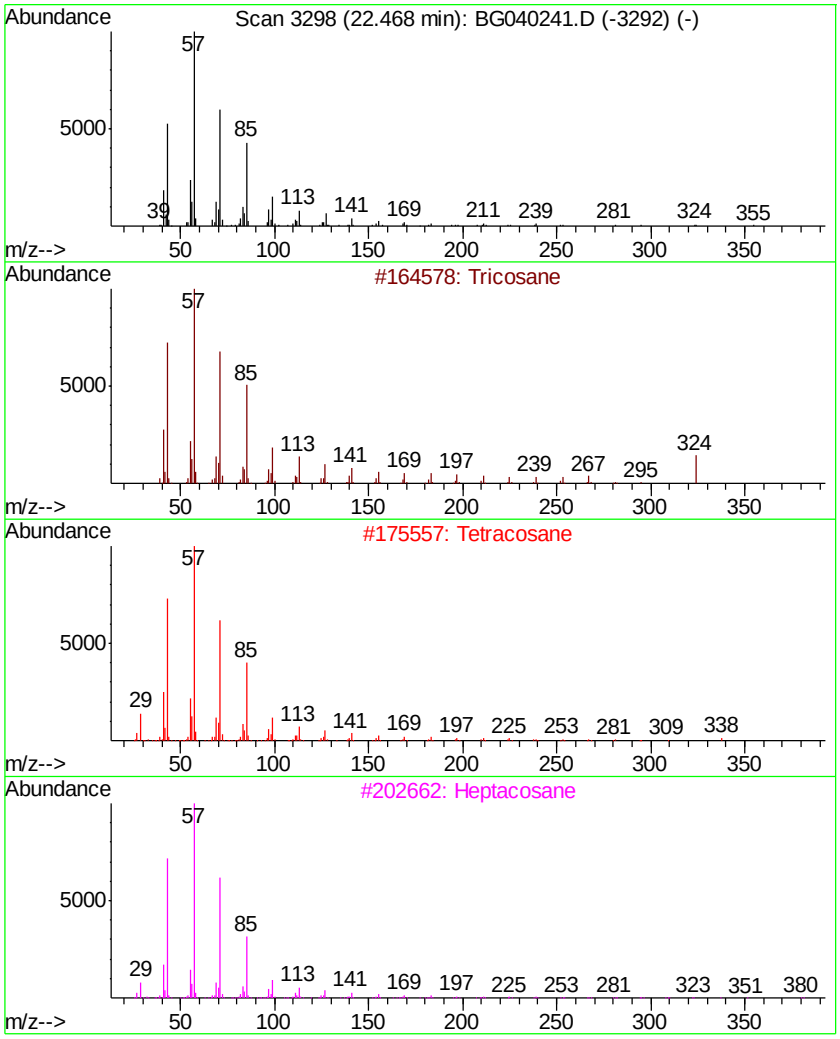
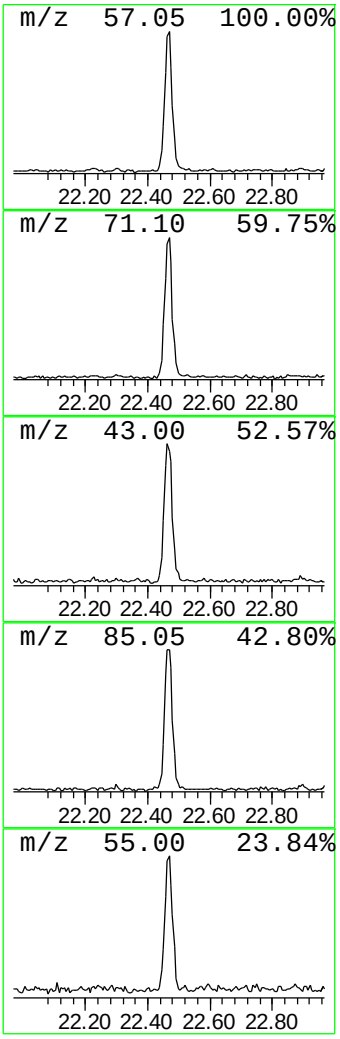
****

Peak Number 6 Tricosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	4.92 ng	282671	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Docosane	310	C22H46	000629-97-0	91





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5(17-25)COMP

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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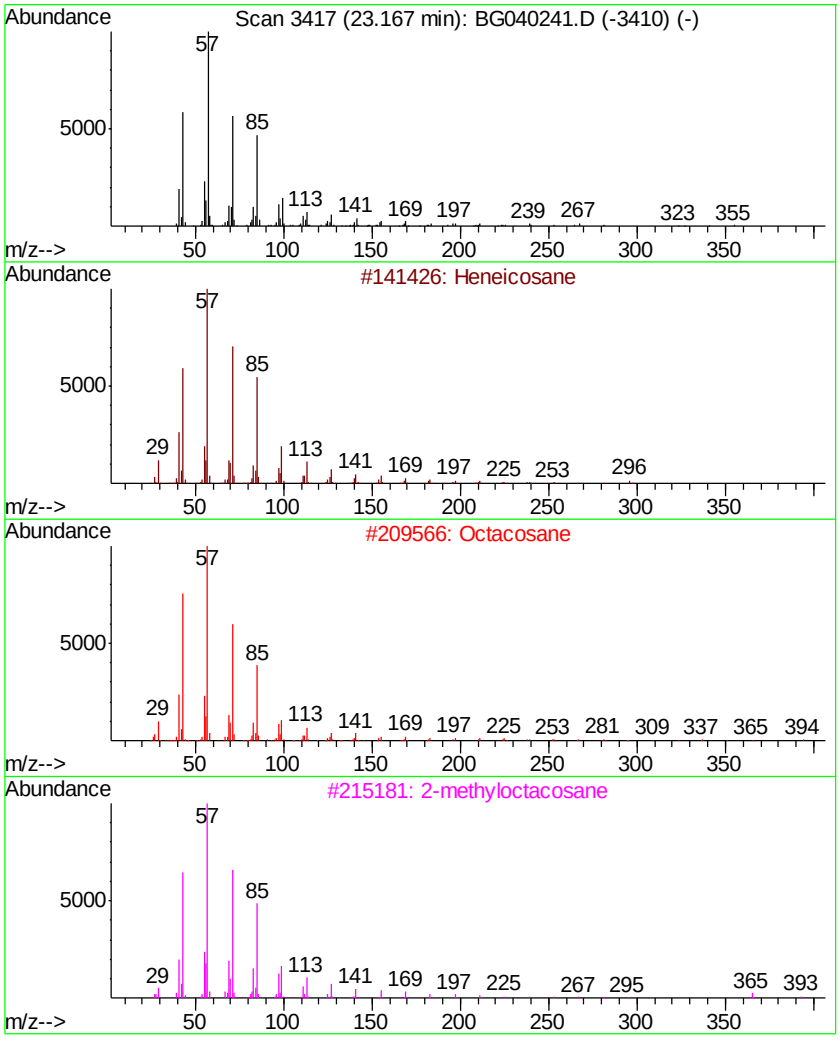
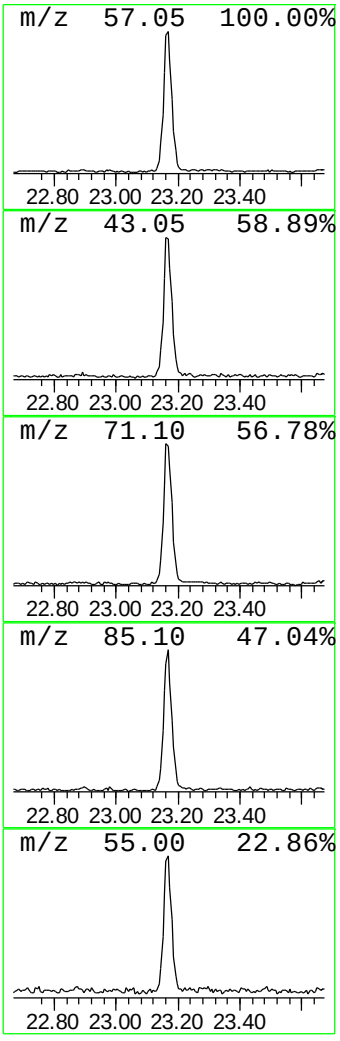
Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	7.48 ng	429287	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Octadecane	254	C18H38	000593-45-3	87





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Misc :
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Instrument : BNA_G
ClientSampleId : S5(17-25)COMP

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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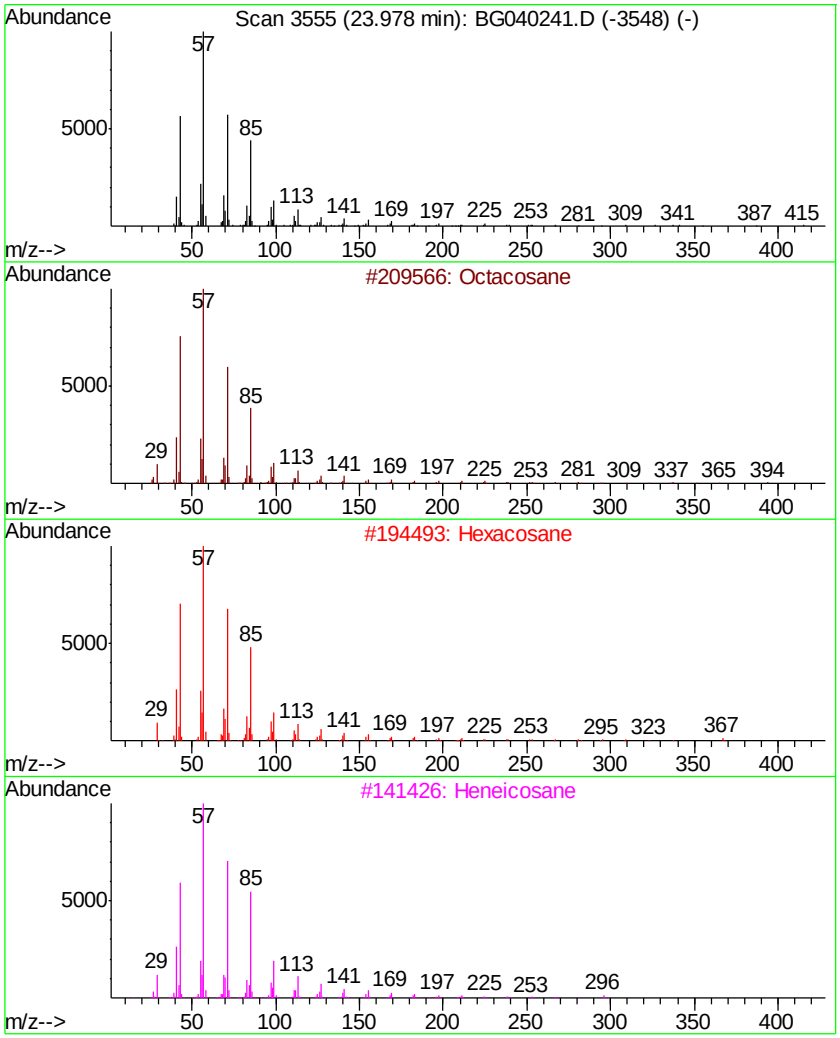
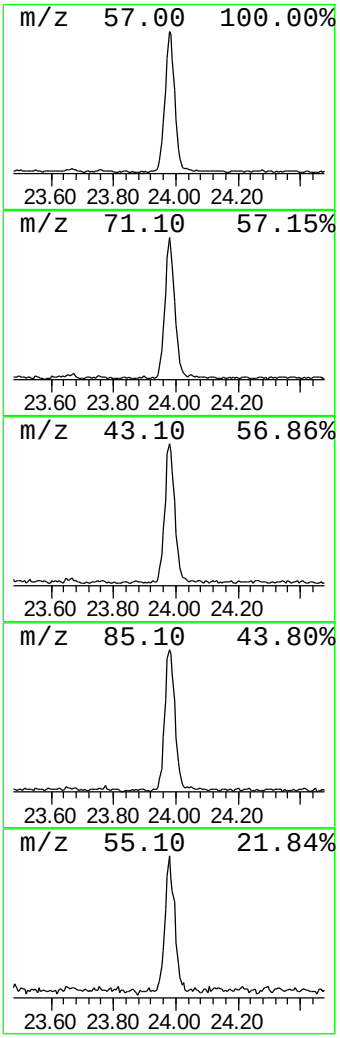
Peak Number 8 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	8.29 ng	447406	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Eicosane	282	C20H42	000112-95-8	87





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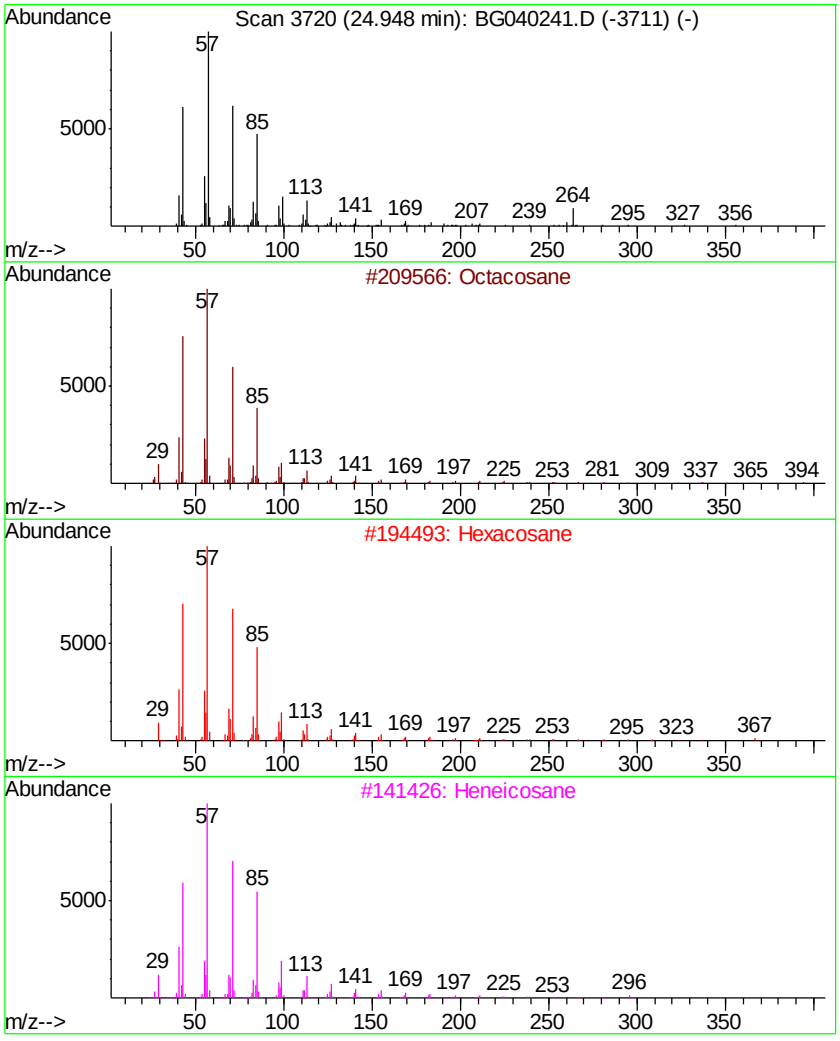
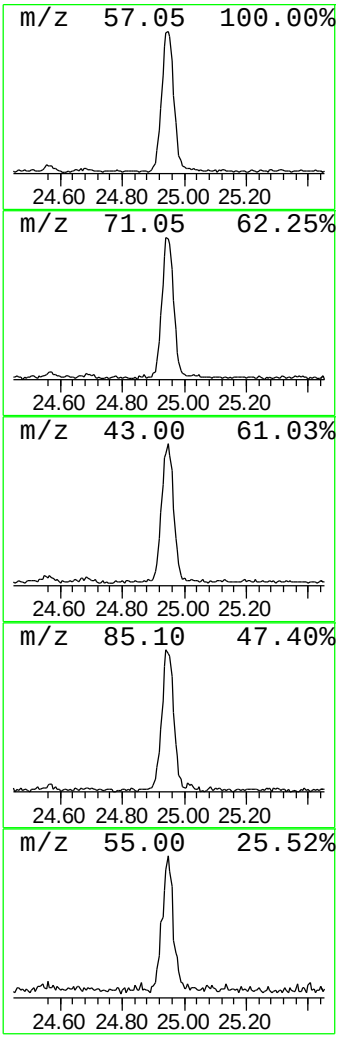
Peak Number 9 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	8.34 ng	449943	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	81
2	Hexacosane	366	C26H54	000630-01-3	81
3	Heneicosane	296	C21H44	000629-94-7	81
4	Hentriacontane	437	C31H64	000630-04-6	74
5	Docosane	310	C22H46	000629-97-0	74





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

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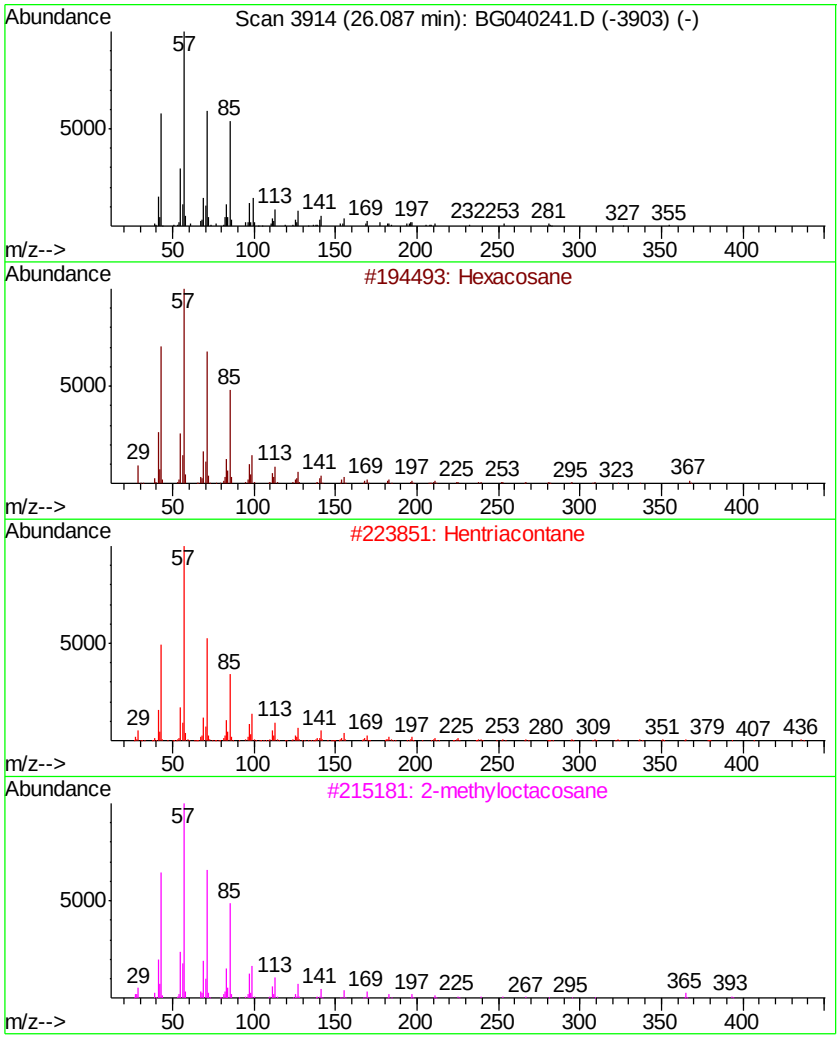
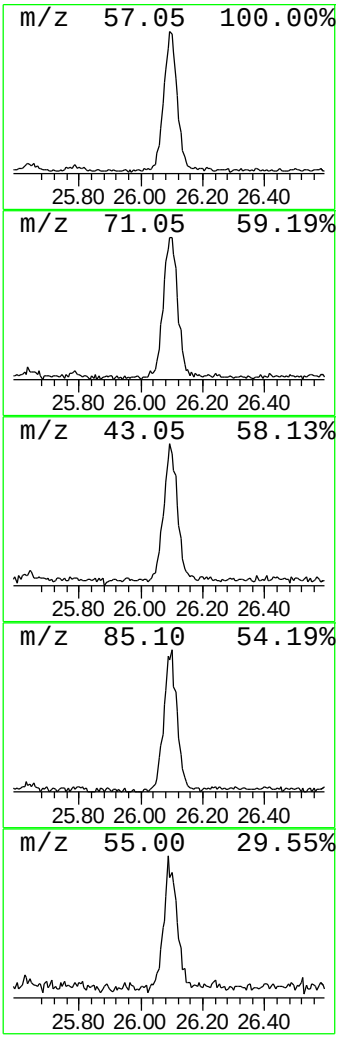
Peak Number 10 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	5.82 ng	314011	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane	296	C21H44	000629-94-7	90





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Data File : BG040241.D
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Operator : JU/SJ
Sample : K2111-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5(17-25)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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TIC Library : C:\Database\NIST11.L
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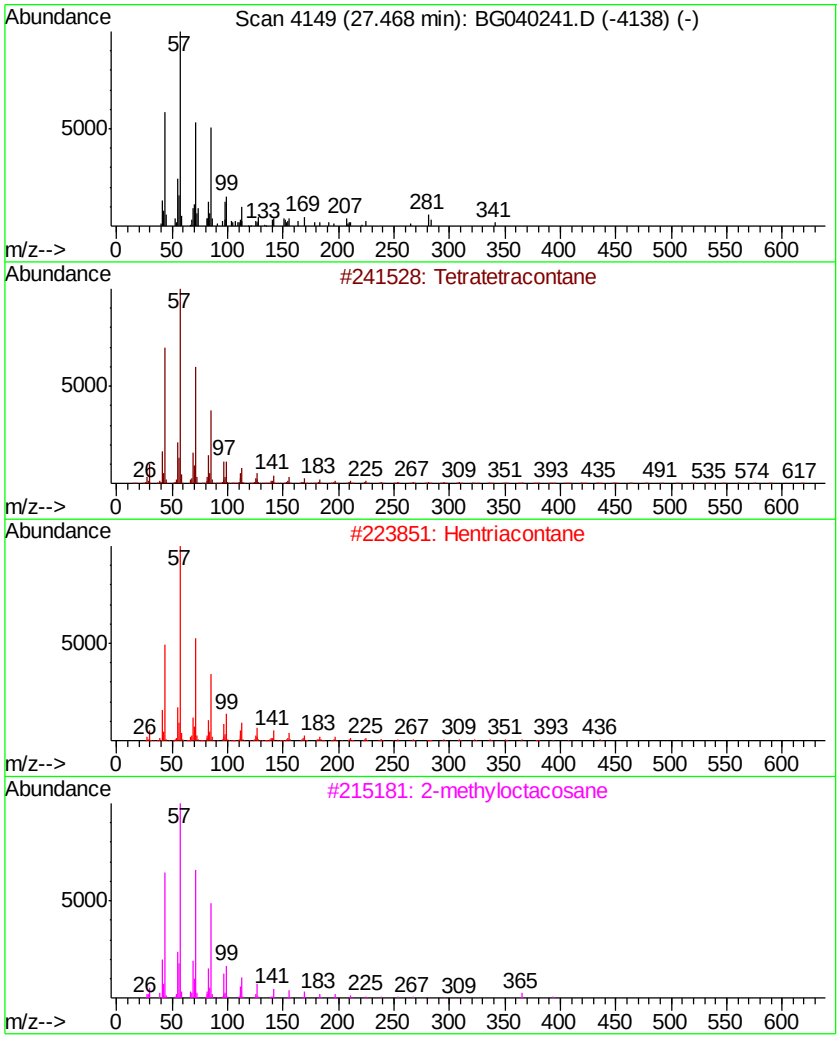
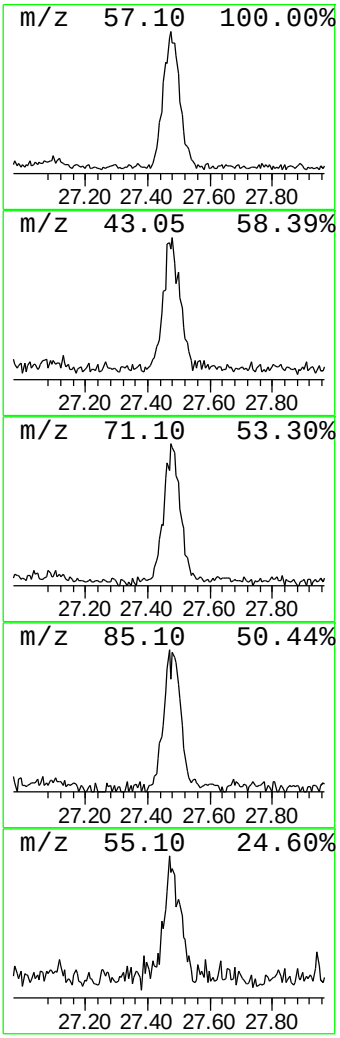
Peak Number 11 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.47	3.65 ng	197089	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Hentriacontane	437	C31H64	000630-04-6	83
3	2-methyloctacosane	408	C29H60	1000376-72-8	80
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
5	Octacosane	394	C28H58	000630-02-4	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040241.D
Acq On : 30 Mar 2019 1:16
Operator : JU/SJ
Sample : K2111-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5(17-25)COMP

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
Cyclopentane, met...	3.12	15.5	ng	266419	1	8.06	343436	20.0
Butane, 2-methoxy...	3.20	14.1	ng	242755	1	8.06	343436	20.0
unknown7.59	7.59	110.8	ng	1902690	1	8.06	343436	20.0
Octacosane	21.85	2.9	ng	168226	5	21.71	1148430	20.0
Tricosane	22.47	4.9	ng	282671	5	21.71	1148430	20.0
Heneicosane	23.17	7.5	ng	429287	5	21.71	1148430	20.0
Eicosane	23.98	8.3	ng	447406	6	25.01	1079640	20.0
Hentriacontane	24.95	8.3	ng	449943	6	25.01	1079640	20.0
Hexacosane	26.09	5.8	ng	314011	6	25.01	1079640	20.0
Tetratetracontane	27.47	3.6	ng	197089	6	25.01	1079640	20.0