LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040255.D
Acq On : 30 Mar 2019 10:35
Operator : JU/SJ
Sample : K2125-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-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	3.119	3	5	14	rVB	162515	256051	6.62%	1.127%
2	3.196	14	18	30	rVB	157920	219915	5.68%	0.968%
3	5.605	421	428	443	rBV	984009	1601395	41.40%	7.047%
4	7.209	693	701	713	rBV	1061057	1817784	46.99%	8.000%
5	7.585	757	765	779	rBV	1008970	1713517	44.30%	7.541%
6	8.055	837	845	852	rBV	181225	311533	8.05%	1.371%
7	8.378	891	900	908	rBV	680216	1192503	30.83%	5.248%
8	9.230	1036	1045	1056	rBV	610397	1077150	27.84%	4.740%
9	10.869	1317	1324	1331	rBV	257775	459701	11.88%	2.023%
10	13.307	1731	1739	1747	rBV	1551926	2464396	63.71%	10.845%
11	14.130	1871	1879	1885	rBV	77182	112606	2.91%	0.496%
12	14.688	1966	1974	1982	rVB2	435190	710609	18.37%	3.127%
13	16.175	2219	2227	2244	rBV	1448499	2186344	56.52%	9.622%
14	17.432	2434	2441	2447	rBV	669485	971171	25.11%	4.274%
15	20.035	2877	2884	2892	rBV	2785715	3868408	100.00%	17.024%
16	21.310	3097	3101	3117	rBV3	71879	223474	5.78%	0.983%
17	21.709	3162	3169	3178	rVB	678800	1115873	28.85%	4.911%
18	21.856	3188	3194	3198	rBV2	63054	94171	2.43%	0.414%
19	22.467	3292	3298	3303	rBV2	112366	172960	4.47%	0.761%
20	23.166	3410	3417	3425	rBV2	133246	266317	6.88%	1.172%
21	23.983	3548	3556	3565	rVB2	125316	282782	7.31%	1.244%
22	24.947	3711	3720	3722	rBV2	102276	222228	5.74%	0.978%
23	25.011	3723	3731	3745	rVB2	294153	1080326	27.93%	4.754%
24	26.098	3906	3916	3927	rBV3	65808	198415	5.13%	0.873%
25	27.479	4140	4151	4159	rBV7	30501	103827	2.68%	0.457%

Sum of corrected areas: 22723456

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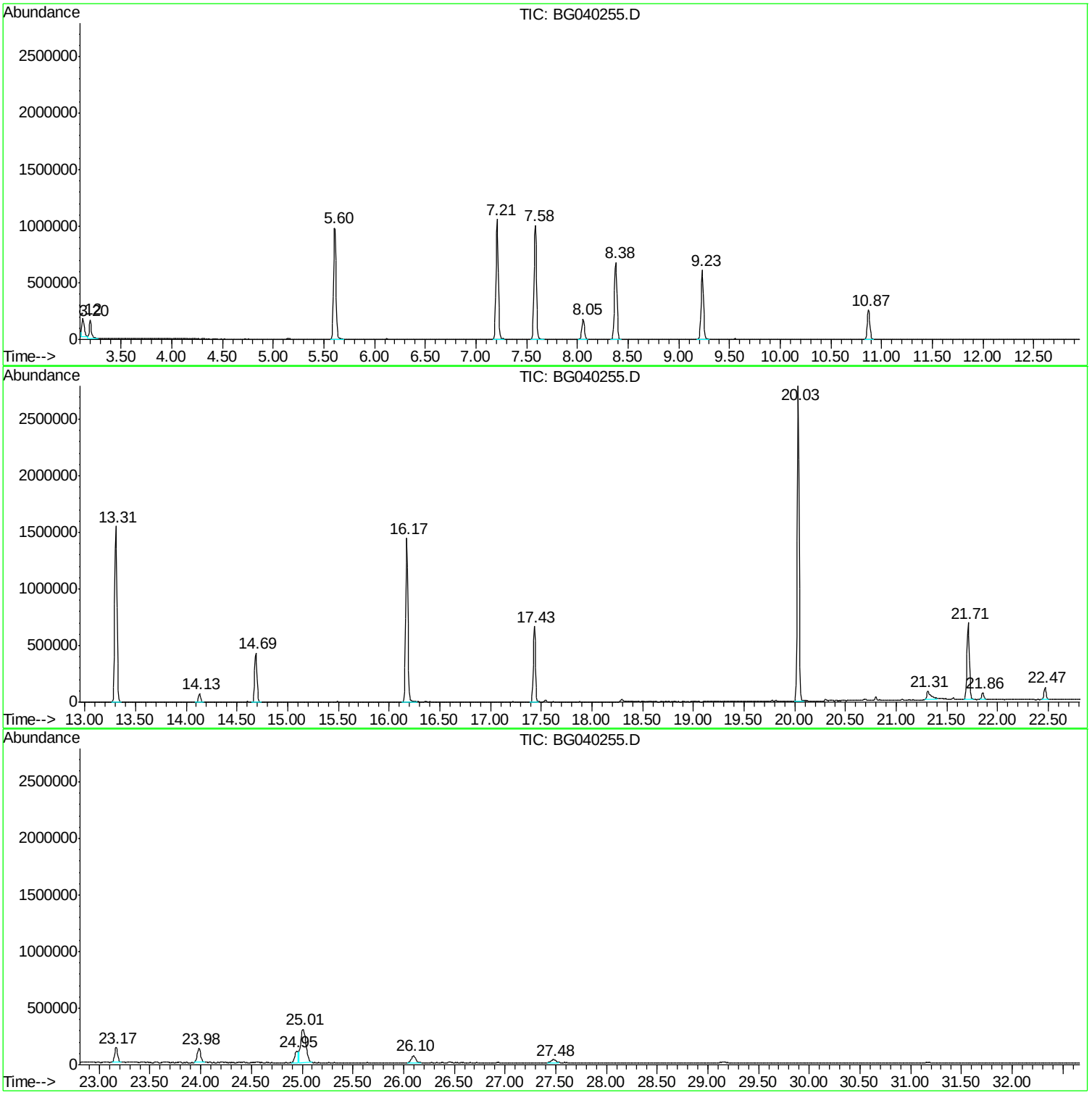
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-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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Data File : BG040255.D
Acq On : 30 Mar 2019 10:35
Operator : JU/SJ
Sample : K2125-03
Misc :
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

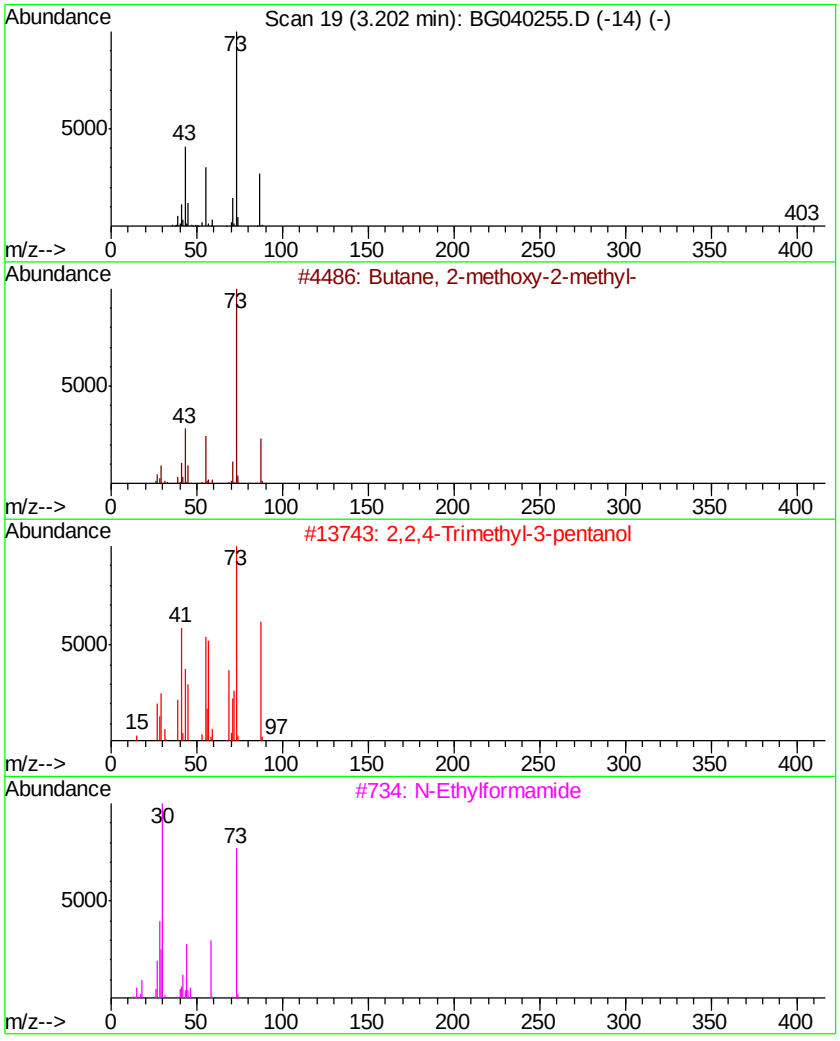
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

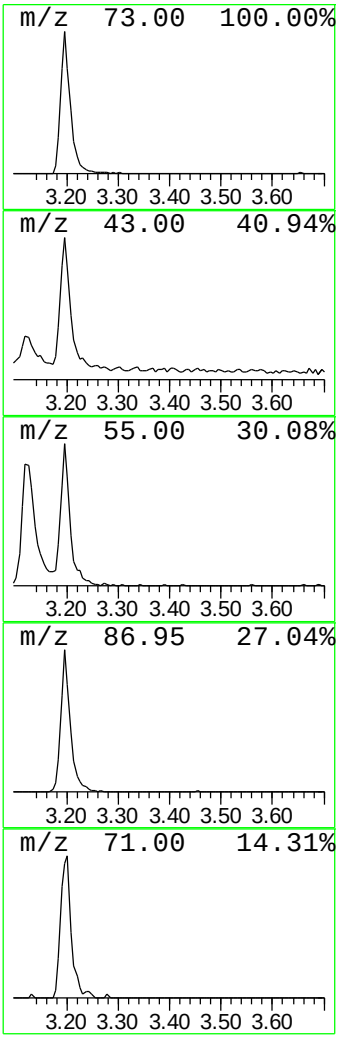
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	14.12 ng	219915	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Data File : BG040255.D
Acq On : 30 Mar 2019 10:35
Operator : JU/SJ
Sample : K2125-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-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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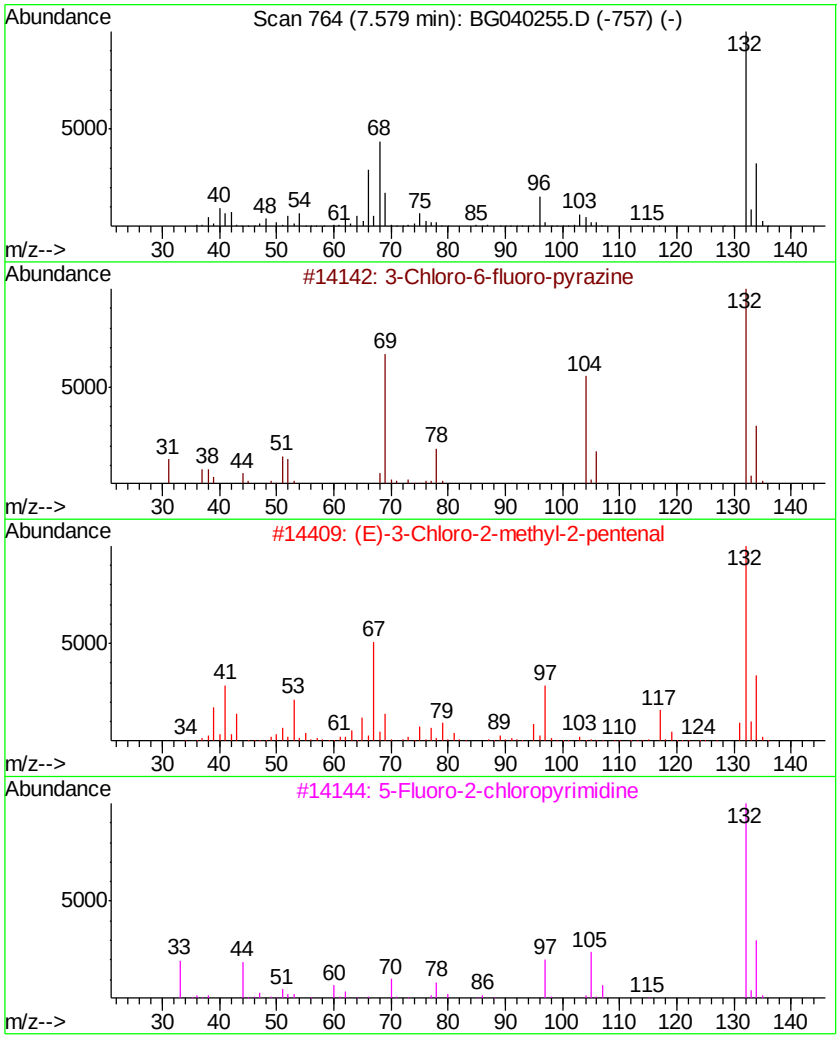
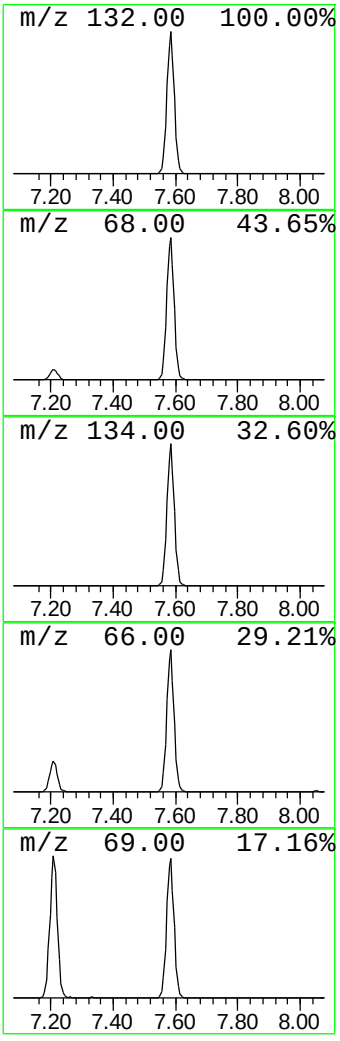
Peak Number 3 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	110.01 ng	1713520	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040255.D
Acq On : 30 Mar 2019 10:35
Operator : JU/SJ
Sample : K2125-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-COMP

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

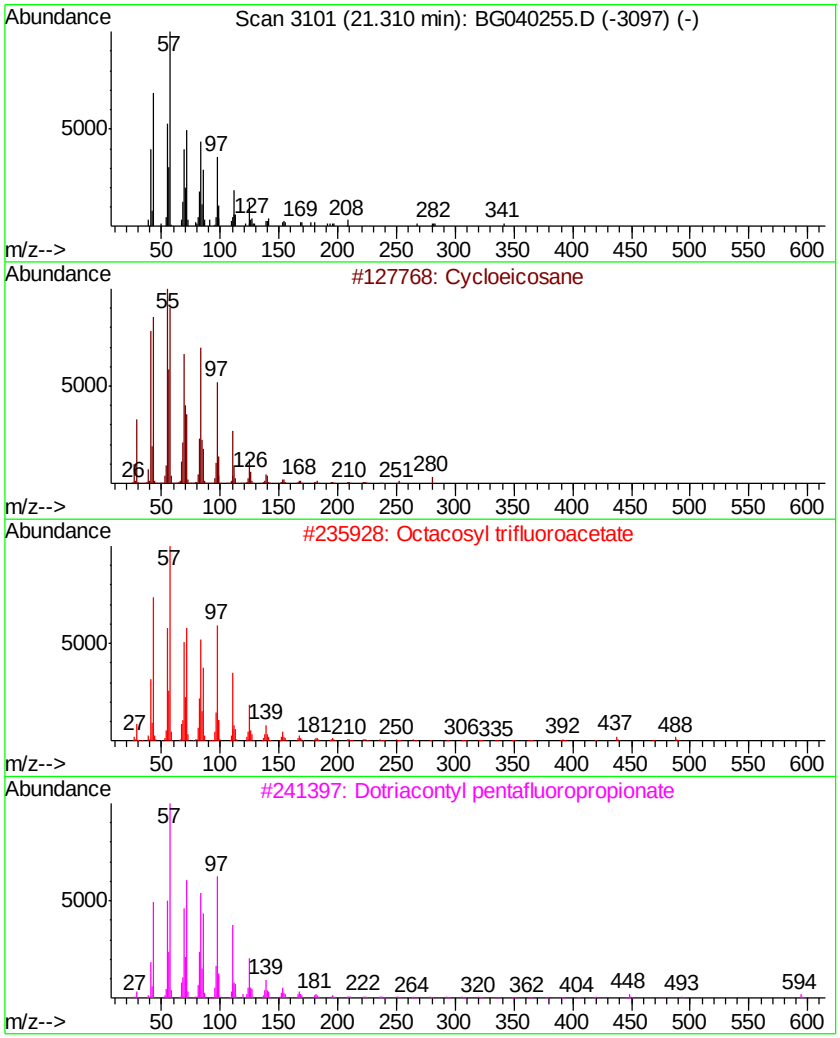
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

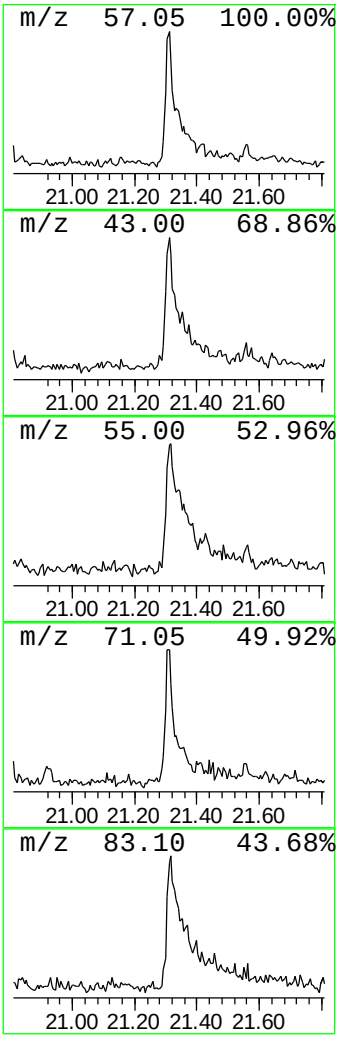
****

Peak Number 5 Cycloeicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	4.01 ng	223474	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	91
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	90
4	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	90
5	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040255.D
Acq On : 30 Mar 2019 10:35
Operator : JU/SJ
Sample : K2125-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-COMP

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

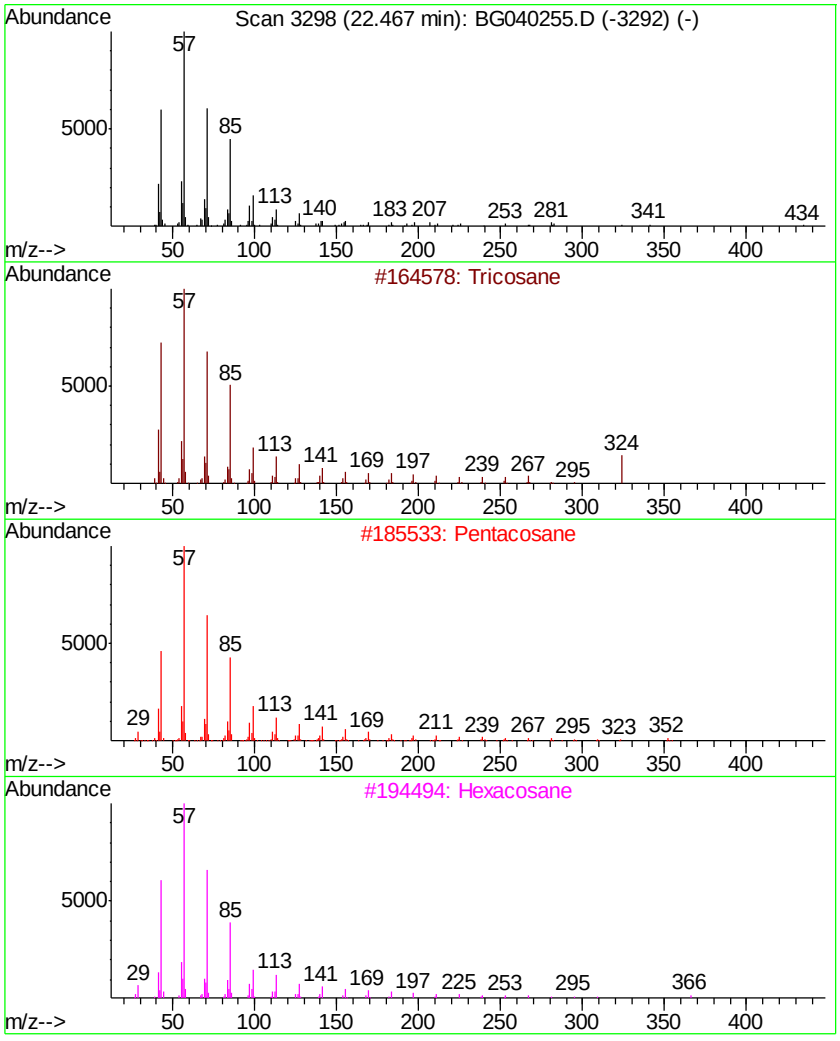
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

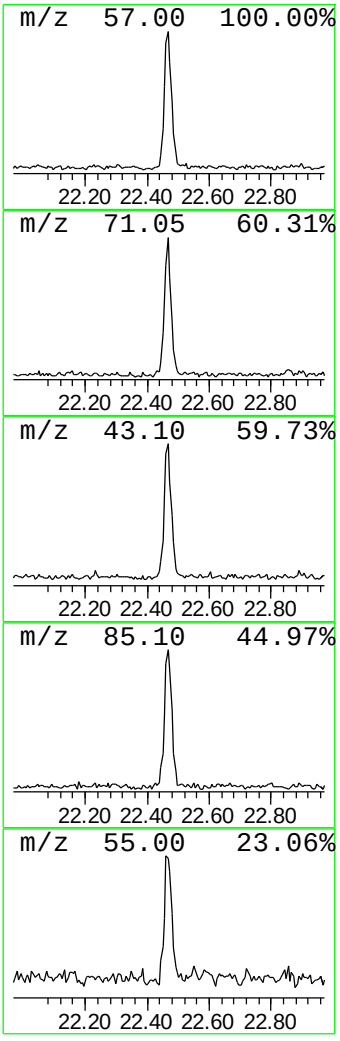
****

Peak Number 6 Tricosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	3.10 ng	172960	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	90
2	Pentacosane	352	C25H52	000629-99-2	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Eicosane	282	C20H42	000112-95-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040255.D
Acq On : 30 Mar 2019 10:35
Operator : JU/SJ
Sample : K2125-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-COMP

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

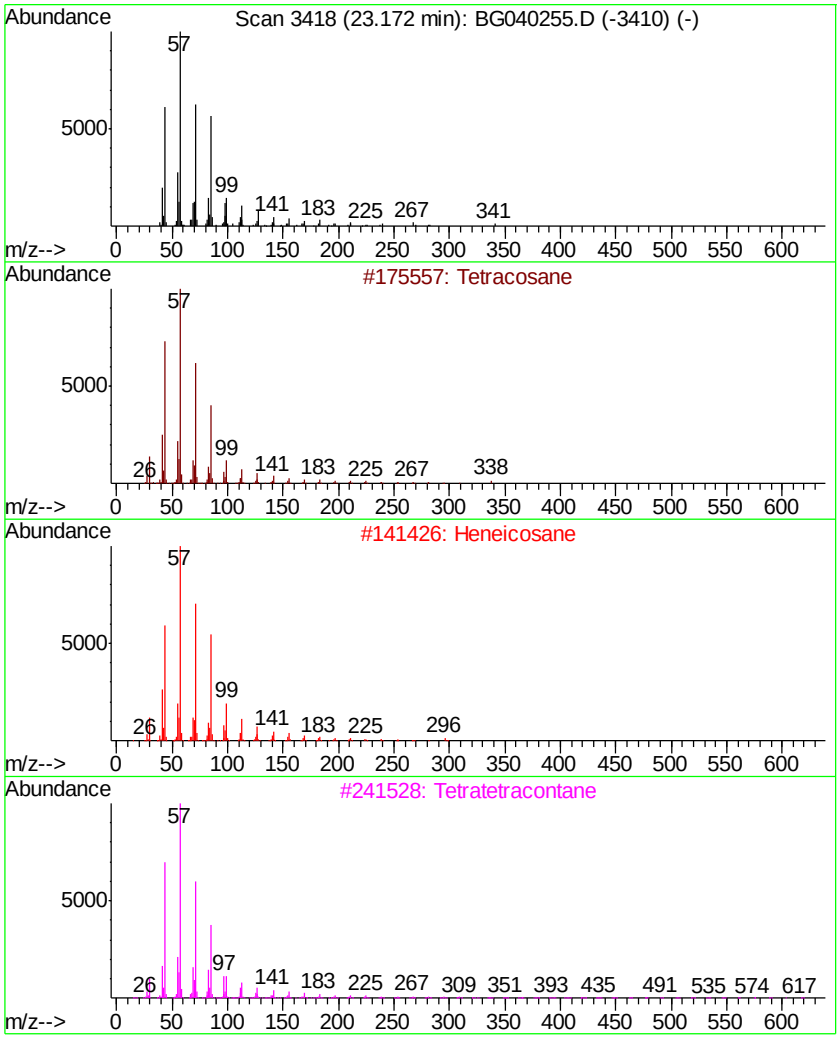
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

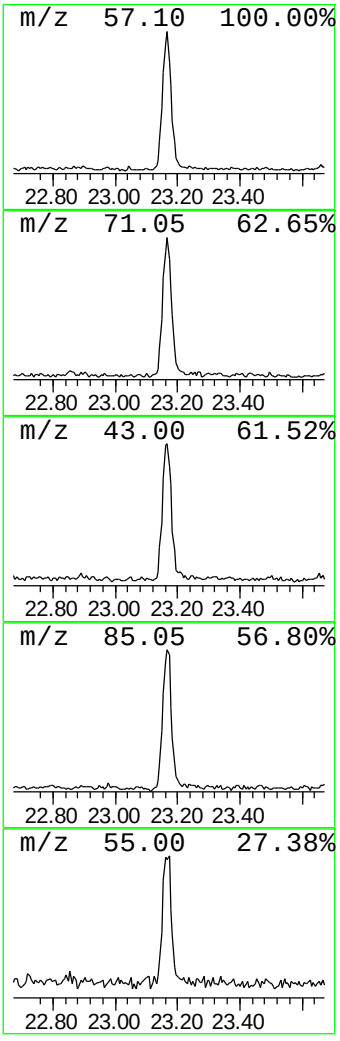
****

Peak Number 7 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	4.77 ng	266317	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Hexadecane	226	C16H34	000544-76-3	83





Library Search Compound Report

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Sample : K2125-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP

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

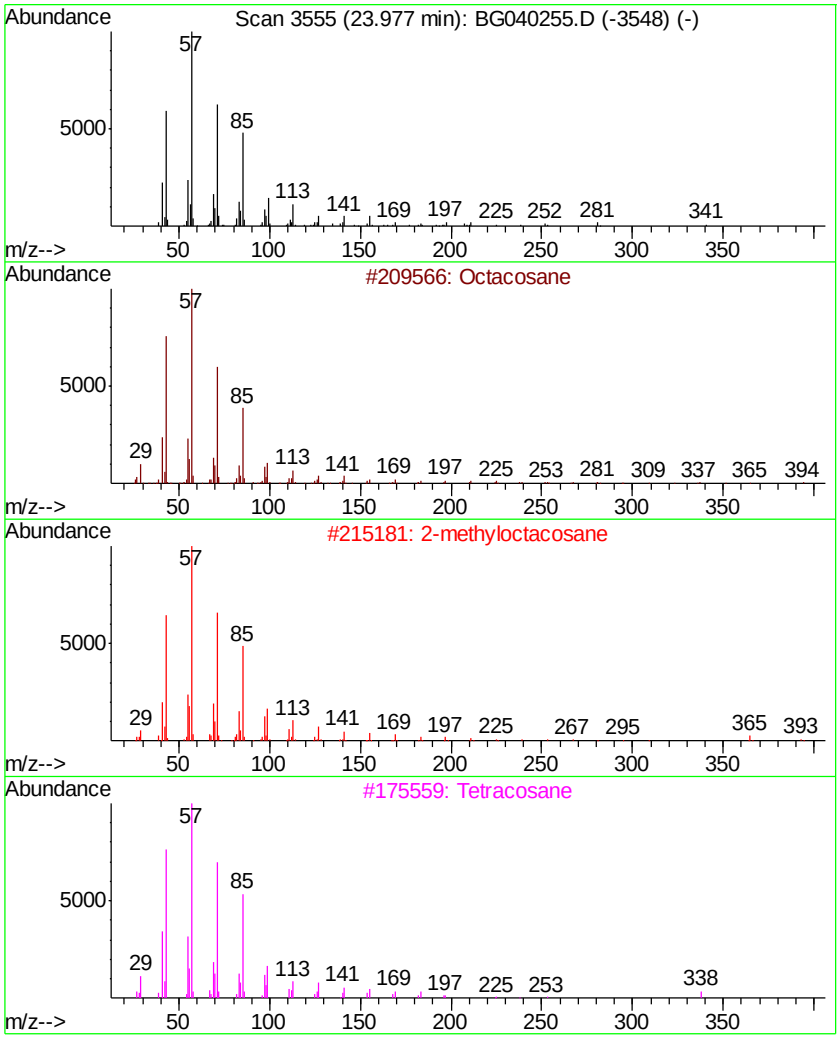
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

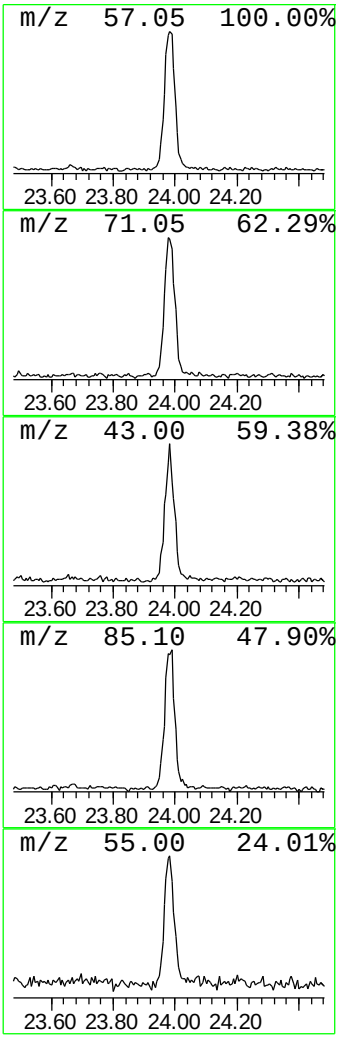
****

Peak Number 8 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	5.24 ng	282782	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptadecane	240	C17H36	000629-78-7	87





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

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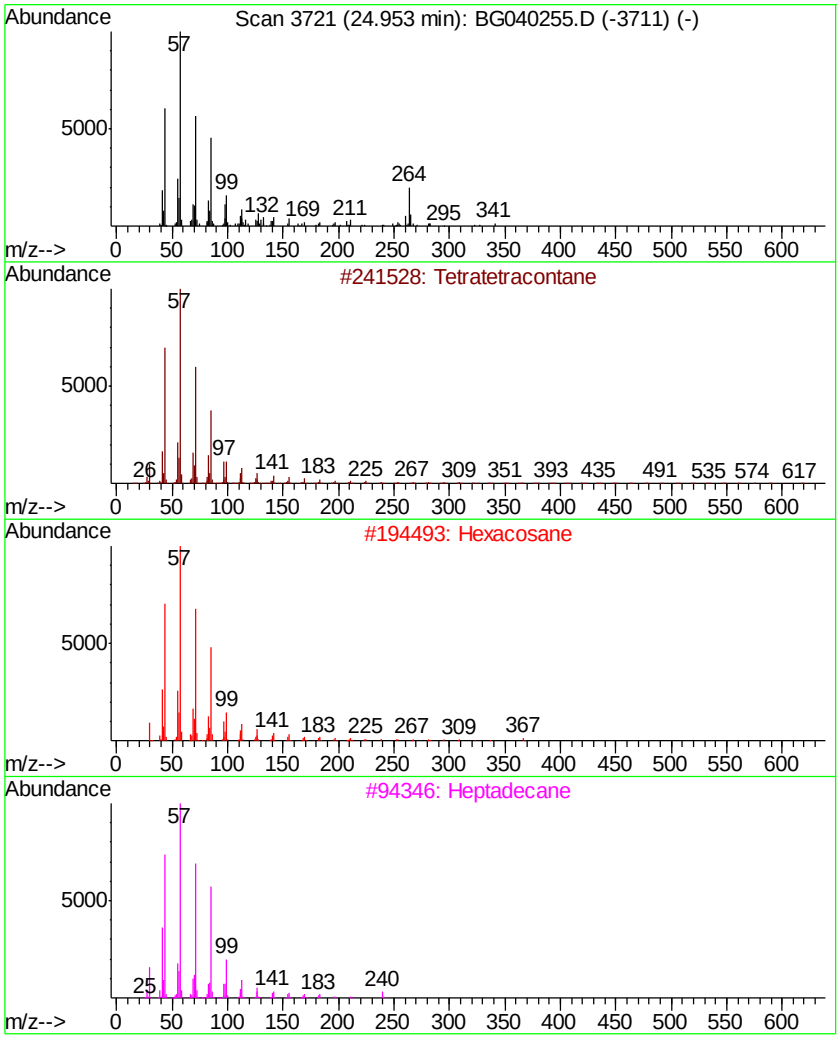
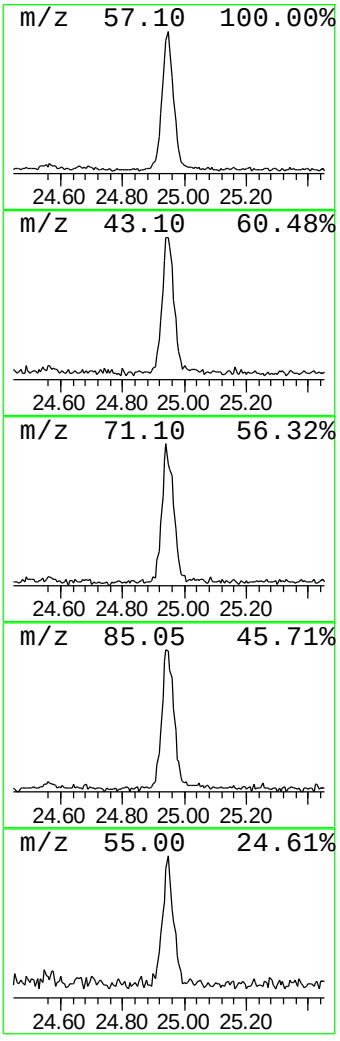
Peak Number 9 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	4.11 ng	222228	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	83
2	Hexacosane	366	C26H54	000630-01-3	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	2-methyloctacosane	408	C29H60	1000376-72-8	83
5	Heneicosane	296	C21H44	000629-94-7	83





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Instrument : BNA_G
ClientSampleId : SOIL-COMP

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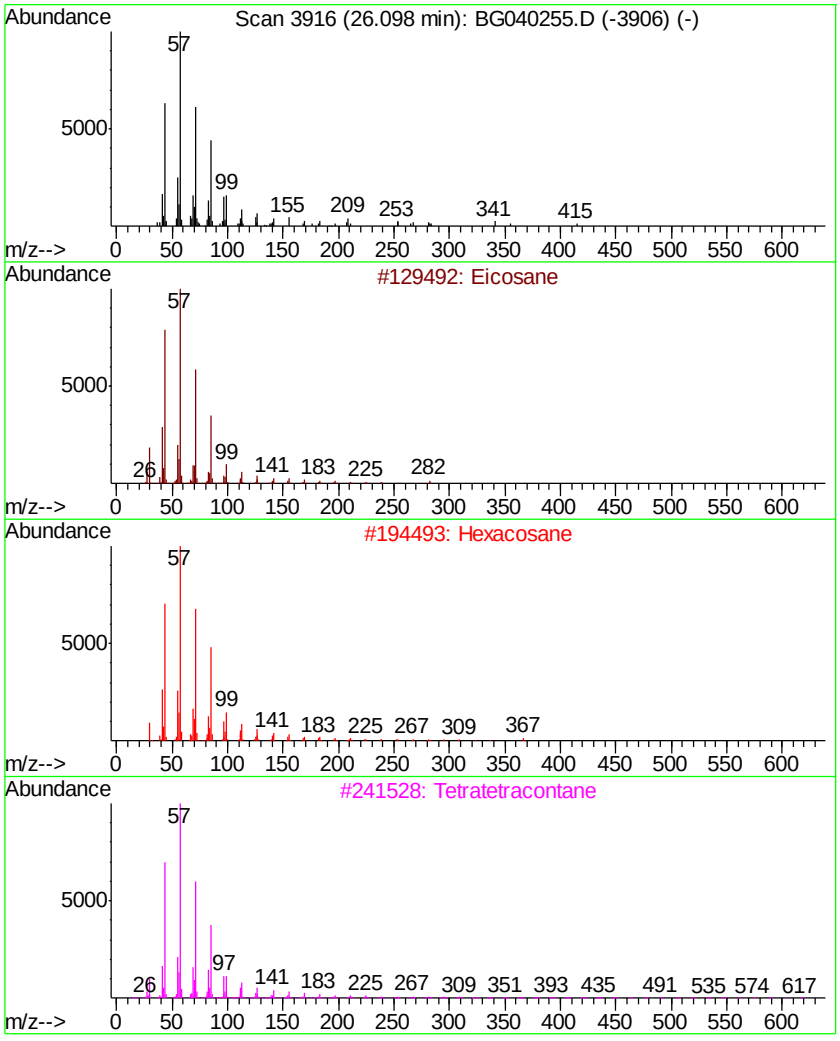
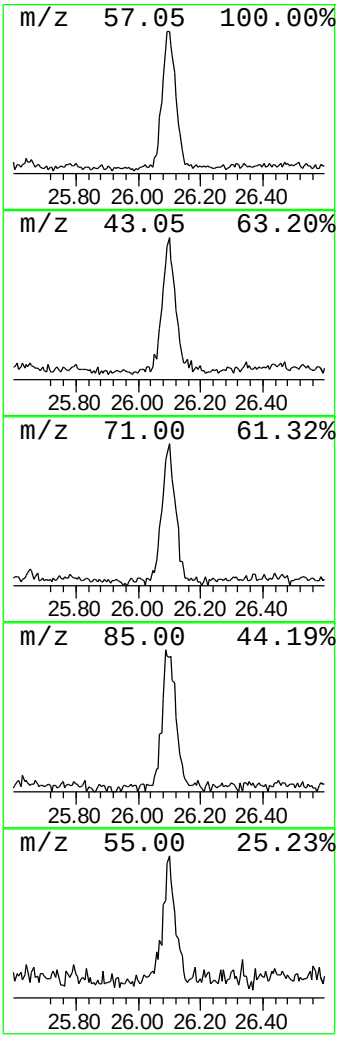
****

Peak Number 10 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.10	3.67 ng	198415	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

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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...	3.20	14.1	ng	219915	1	8.05	311533	20.0
unknown7.58	7.58	110.0	ng	1713520	1	8.05	311533	20.0
Cycloeicosane	21.31	4.0	ng	223474	5	21.71	1115870	20.0
Tricosane	22.47	3.1	ng	172960	5	21.71	1115870	20.0
Tetracosane	23.17	4.8	ng	266317	5	21.71	1115870	20.0
Octacosane	23.98	5.2	ng	282782	6	25.01	1080330	20.0
Tetratetracontane	24.95	4.1	ng	222228	6	25.01	1080330	20.0
Eicosane	26.10	3.7	ng	198415	6	25.01	1080330	20.0