LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044006.D
Acq On : 10 Jan 2020 17:32
Operator : JU
Sample : L1064-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-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-BG123019.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	3.137	3	8	23	rVB	461745	827682	11.55%	1.831%
2	5.059	329	335	345	rVB	486277	755974	10.55%	1.673%
3	5.529	408	415	429	rBV	1966632	3265722	45.59%	7.226%
4	7.121	678	686	701	rBV	2146778	3839842	53.61%	8.496%
5	7.485	739	748	760	rBV	2123018	3731639	52.10%	8.256%
6	7.949	820	827	837	rBV	380914	663355	9.26%	1.468%
7	8.278	874	883	891	rBV	1586558	2866759	40.02%	6.343%
8	9.107	1014	1024	1037	rBV	1250457	2290902	31.98%	5.069%
9	10.752	1296	1304	1315	rBV	532679	978752	13.66%	2.166%
10	13.208	1714	1722	1730	rBV	3246123	5151146	71.91%	11.397%
11	14.036	1857	1863	1874	rBV	174922	280192	3.91%	0.620%
12	14.583	1949	1956	1972	rBV	893140	1395693	19.48%	3.088%
13	16.069	2202	2209	2223	rBV	2678405	4249072	59.32%	9.401%
14	17.326	2416	2423	2434	rBV	1070231	1640729	22.91%	3.630%
15	19.941	2861	2868	2878	rBV	5269355	7163023	100.00%	15.849%
16	21.240	3084	3089	3098	rBV	386565	624089	8.71%	1.381%
17	21.569	3139	3145	3163	rBV	1000932	1704243	23.79%	3.771%
18	21.786	3178	3182	3189	rBV2	57292	86451	1.21%	0.191%
19	22.385	3278	3284	3294	rBV2	93799	188224	2.63%	0.416%
20	23.061	3393	3399	3405	rVB2	97143	171062	2.39%	0.378%
21	23.243	3423	3430	3438	rVB	469444	882791	12.32%	1.953%
22	23.842	3526	3532	3539	rBV2	92795	191167	2.67%	0.423%
23	24.453	3630	3636	3644	rVB9	40780	98998	1.38%	0.219%
24	24.688	3666	3676	3685	rBV	640671	1714278	23.93%	3.793%
25	24.765	3685	3689	3701	rVB2	77229	182422	2.55%	0.404%
26	25.864	3868	3876	3886	rVB4	61010	170839	2.39%	0.378%
27	27.168	4092	4098	4109	rVB8	26664	81765	1.14%	0.181%

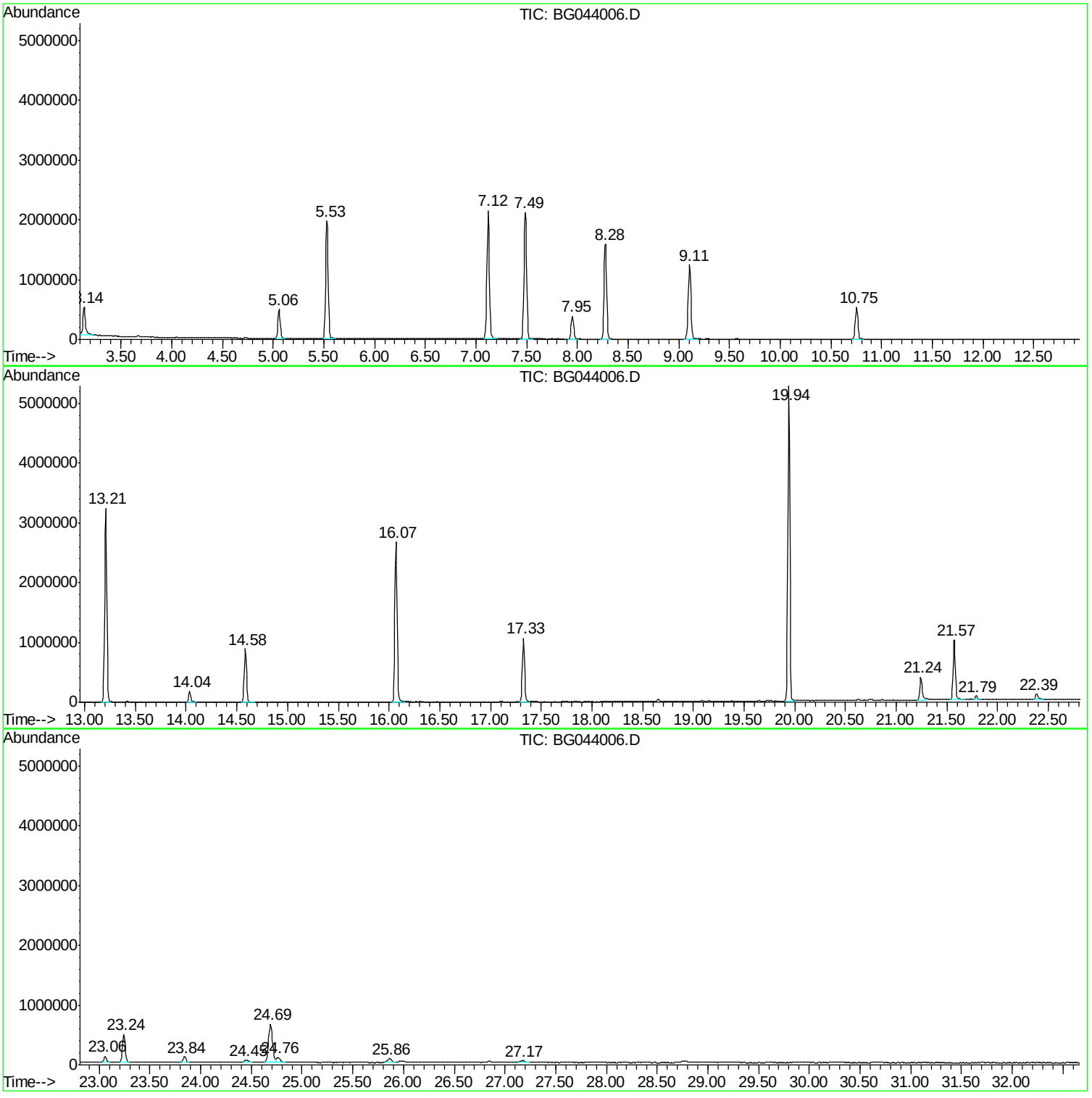
Sum of corrected areas: 45196811

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044006.D
Acq On : 10 Jan 2020 17:32
Operator : JU
Sample : L1064-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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\BG011020\
Data File : BG044006.D
Acq On : 10 Jan 2020 17:32
Operator : JU
Sample : L1064-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

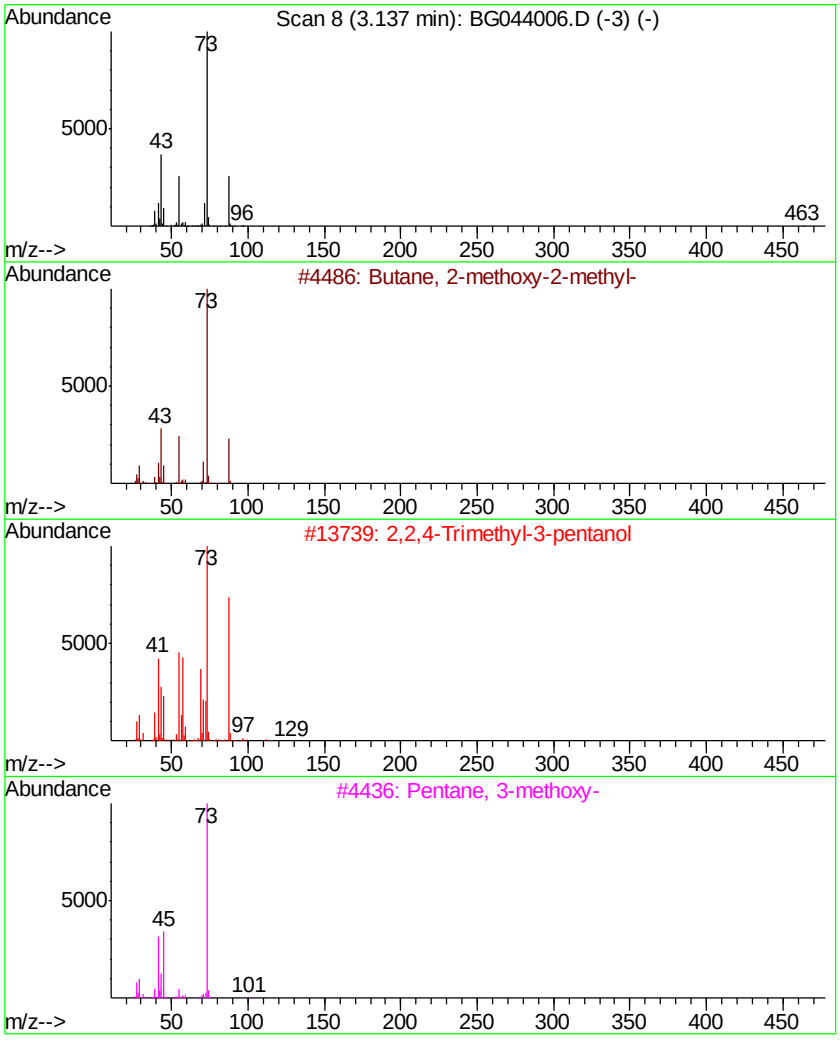
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

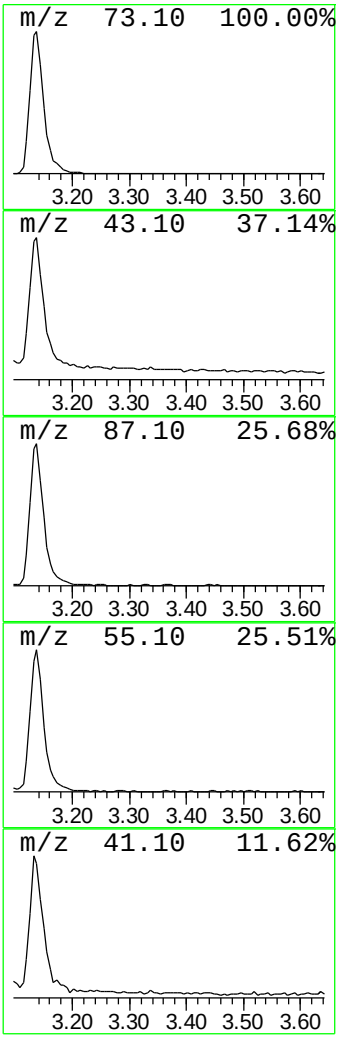
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	24.95 ng	827682	1,4-Dichlorobenzene-d4	7.95

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	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044006.D
Acq On : 10 Jan 2020 17:32
Operator : JU
Sample : L1064-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

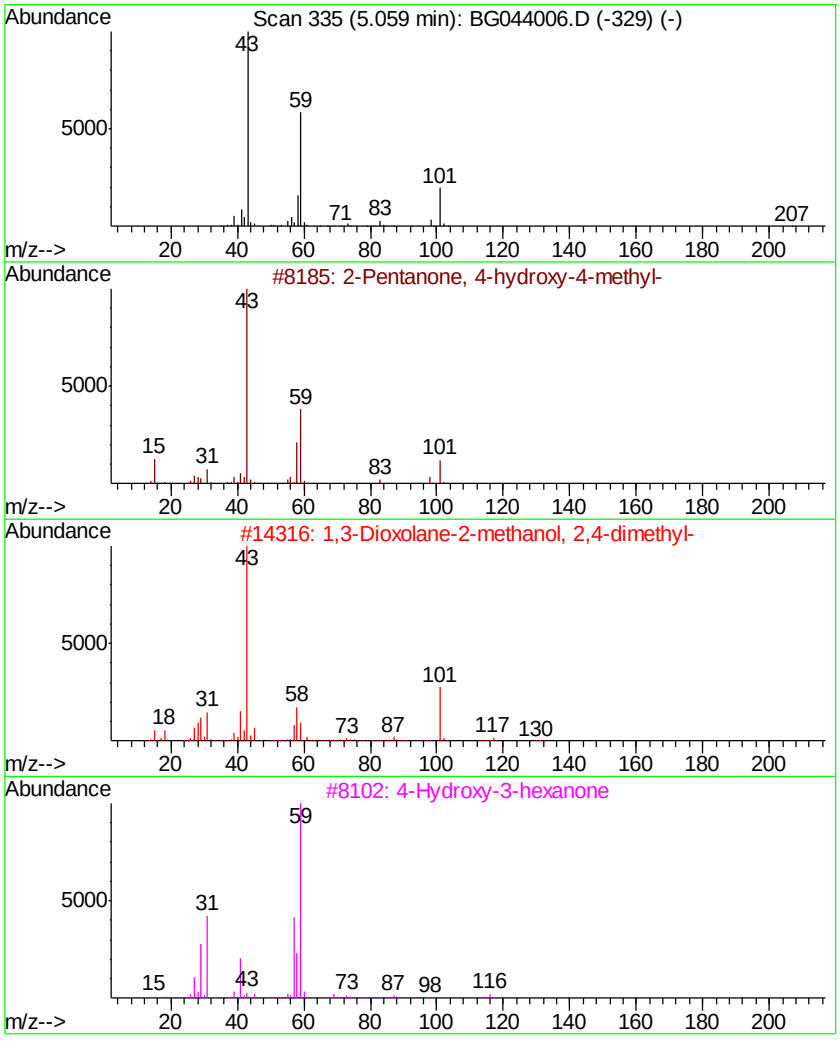
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

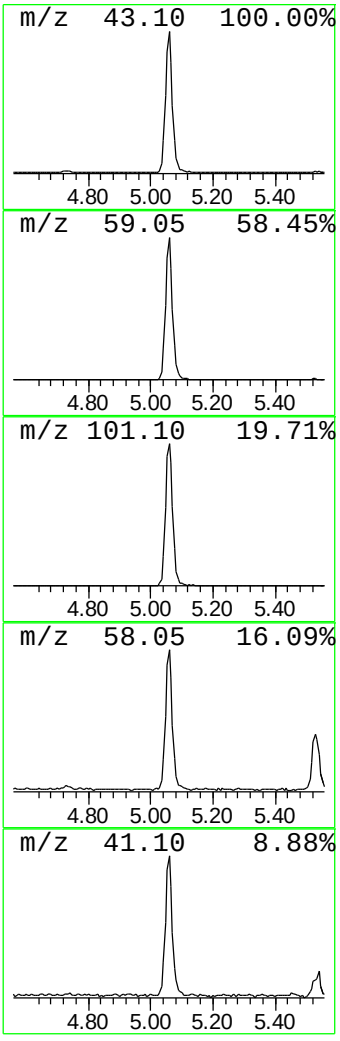
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	22.79 ng	755974	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044006.D
Acq On : 10 Jan 2020 17:32
Operator : JU
Sample : L1064-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

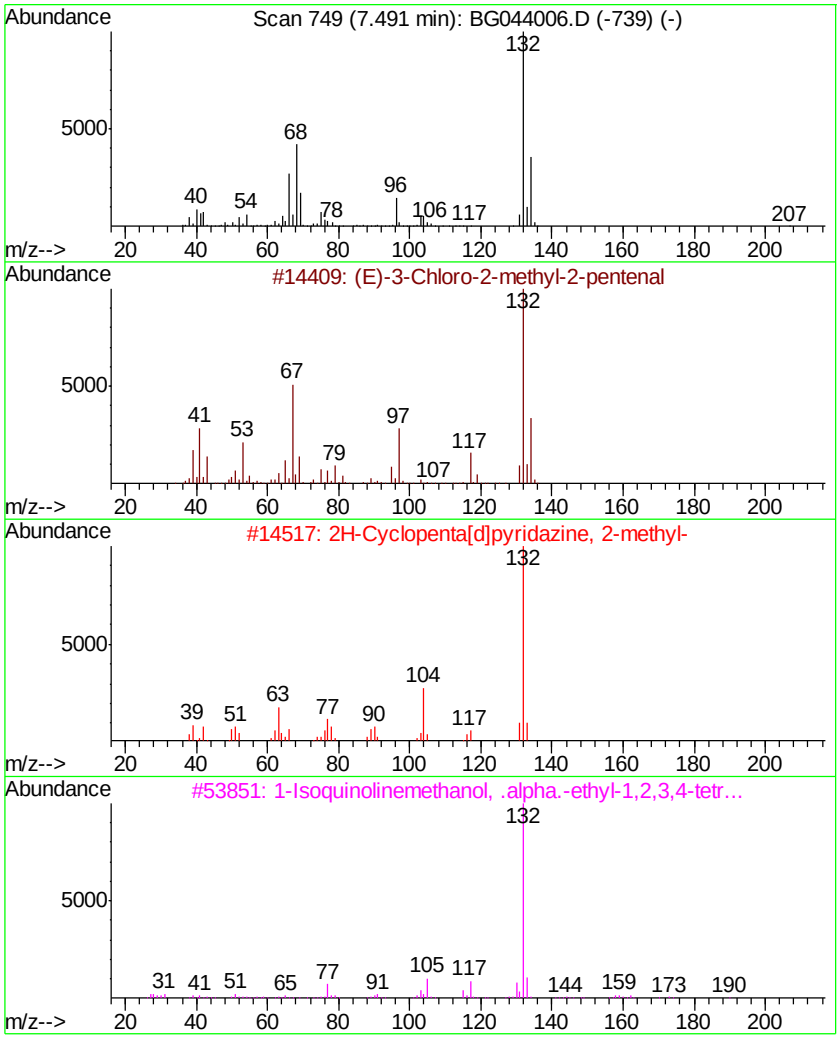
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

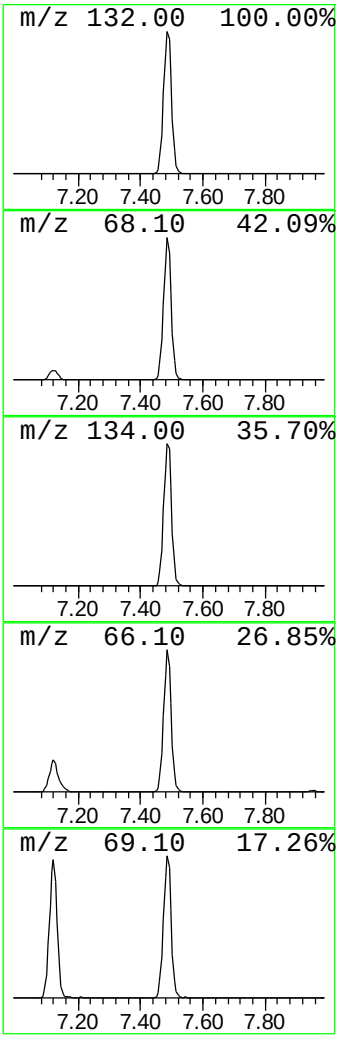
****

Peak Number 3 unknown7.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	112.51 ng	3731640	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
3	1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044006.D
Acq On : 10 Jan 2020 17:32
Operator : JU
Sample : L1064-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

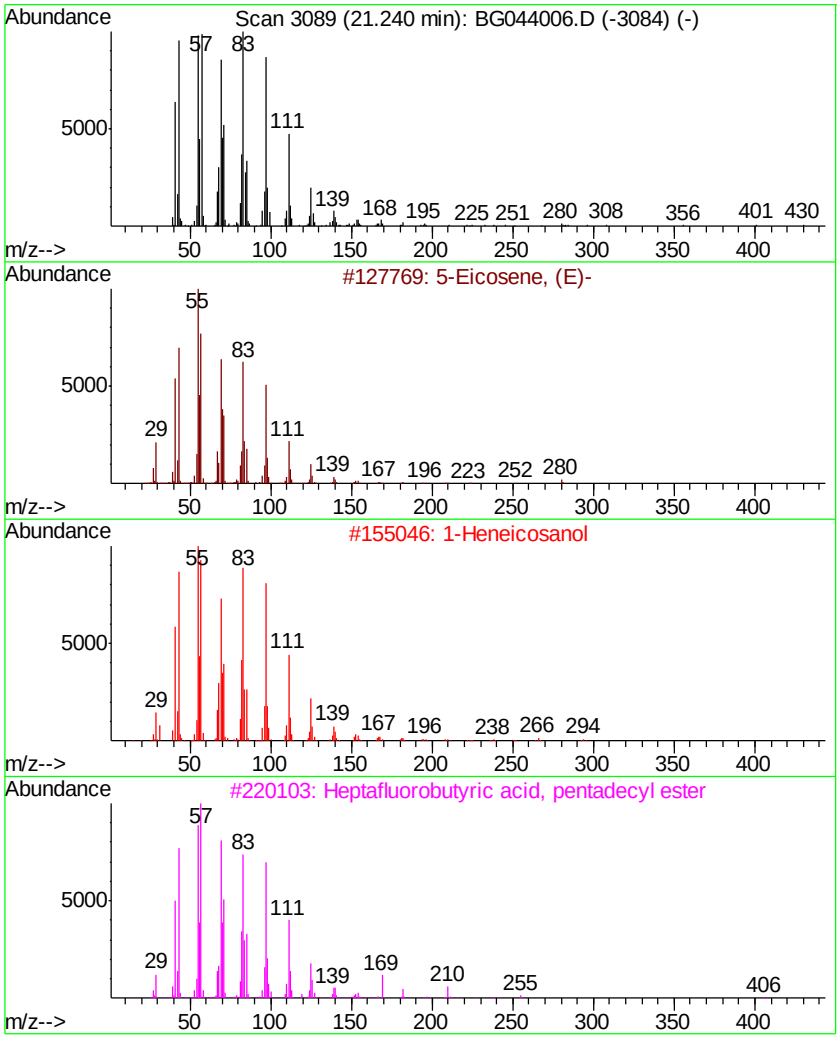
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

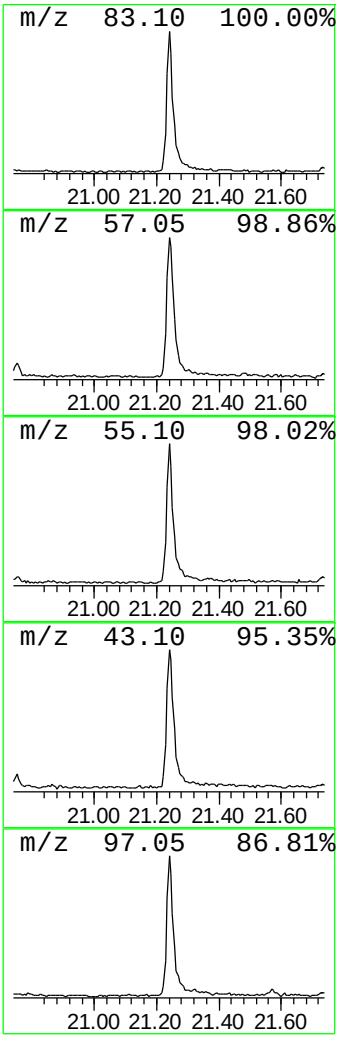
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	7.32 ng	624089	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044006.D
Acq On : 10 Jan 2020 17:32
Operator : JU
Sample : L1064-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

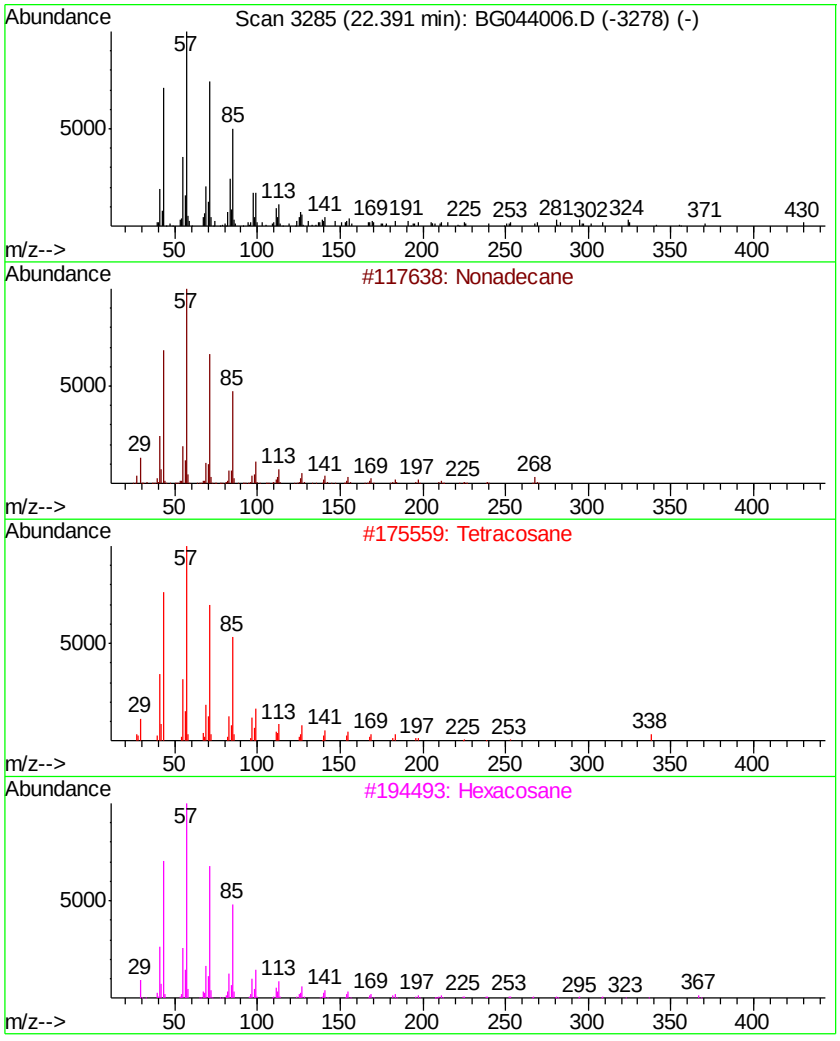
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

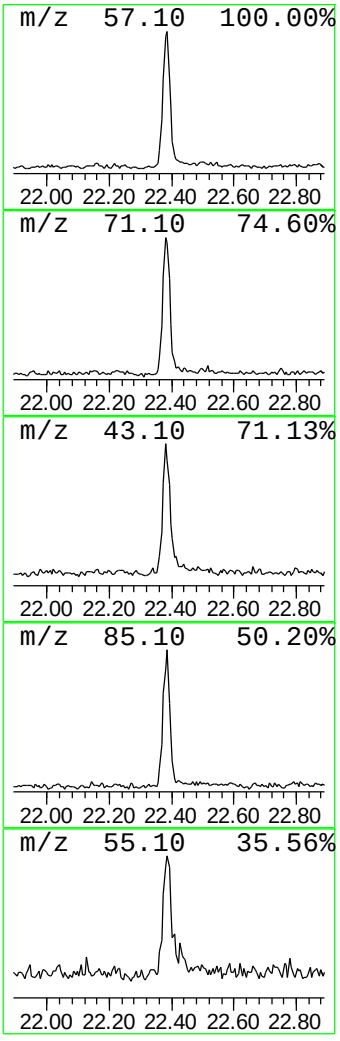
****

Peak Number 6 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	2.21 ng	188224	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044006.D
Acq On : 10 Jan 2020 17:32
Operator : JU
Sample : L1064-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

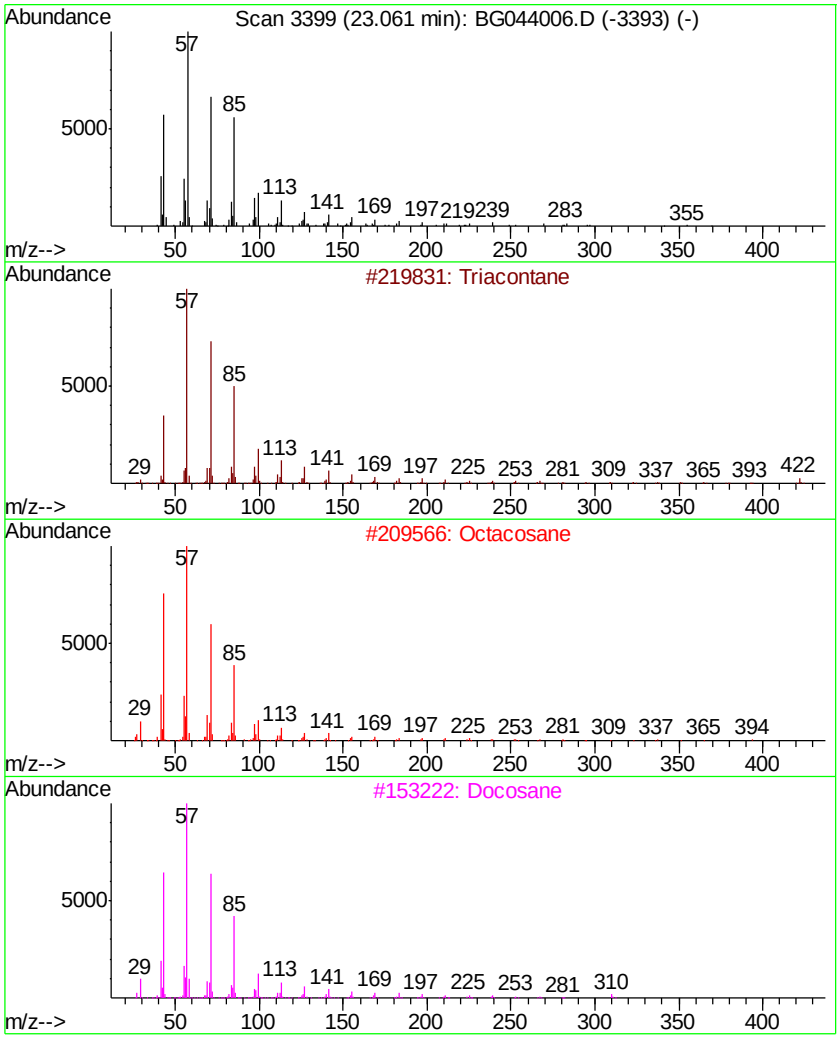
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

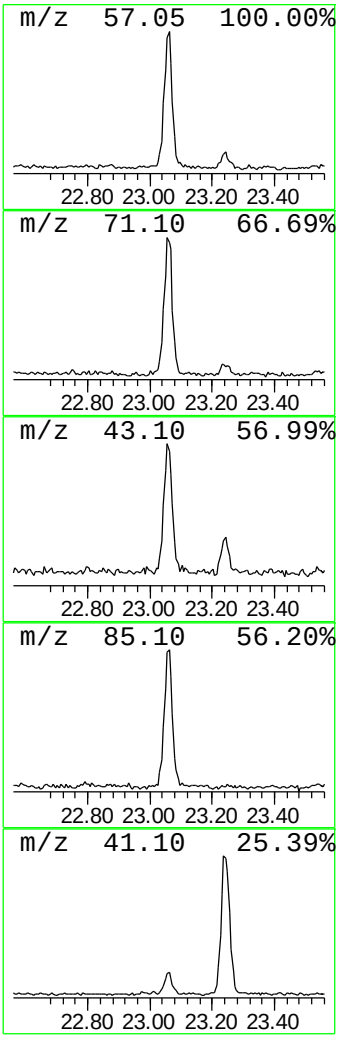
****

Peak Number 7 Triacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	2.01 ng	171062	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Docosane	310	C22H46	000629-97-0	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044006.D
Acq On : 10 Jan 2020 17:32
Operator : JU
Sample : L1064-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

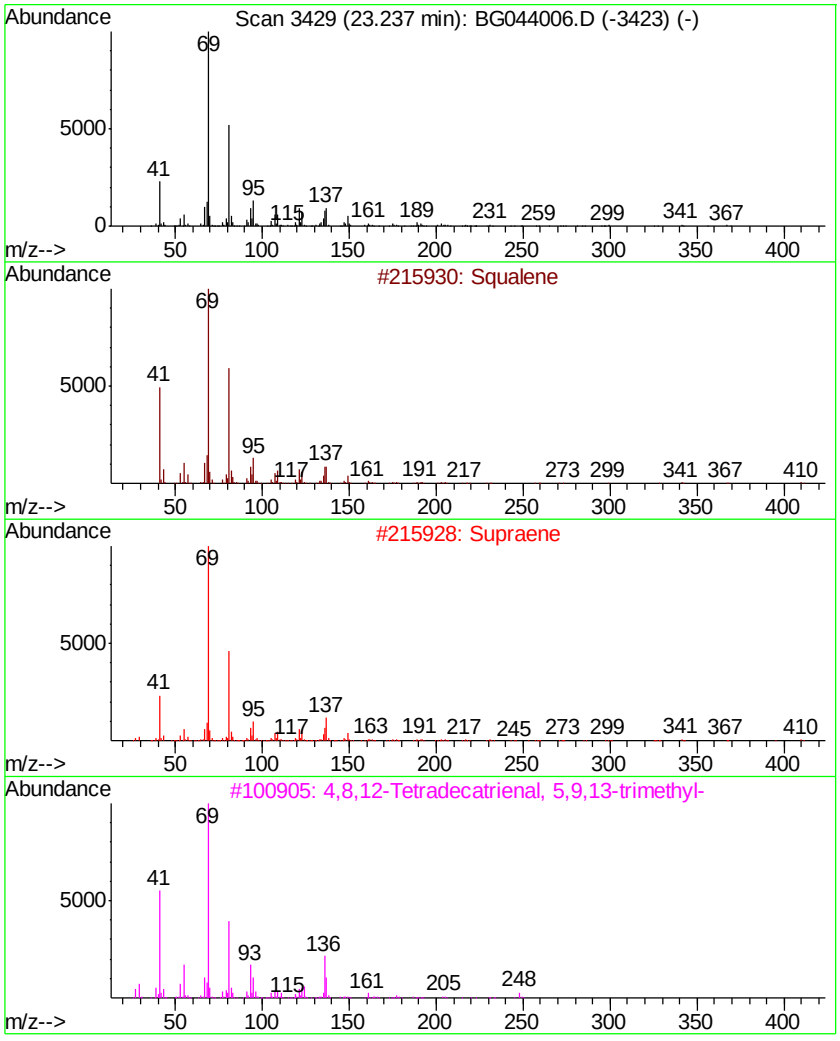
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

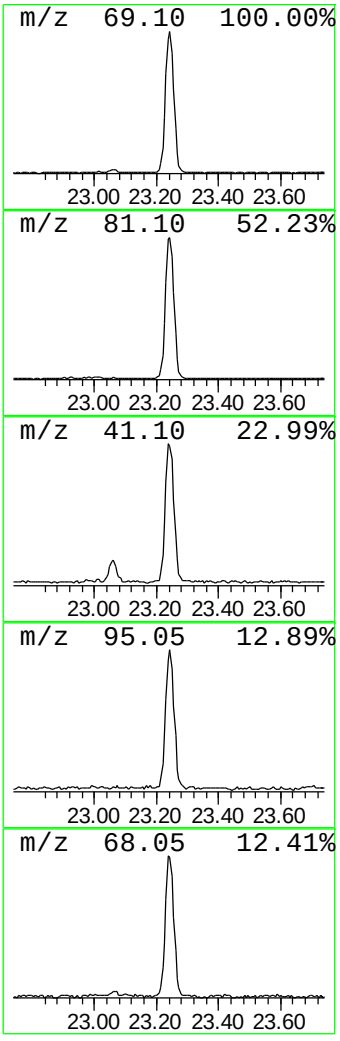
****

Peak Number 8 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	10.30 ng	882791	Perylene-d12	24.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50





Library Search Compound Report

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Data File : BG044006.D
Acq On : 10 Jan 2020 17:32
Operator : JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

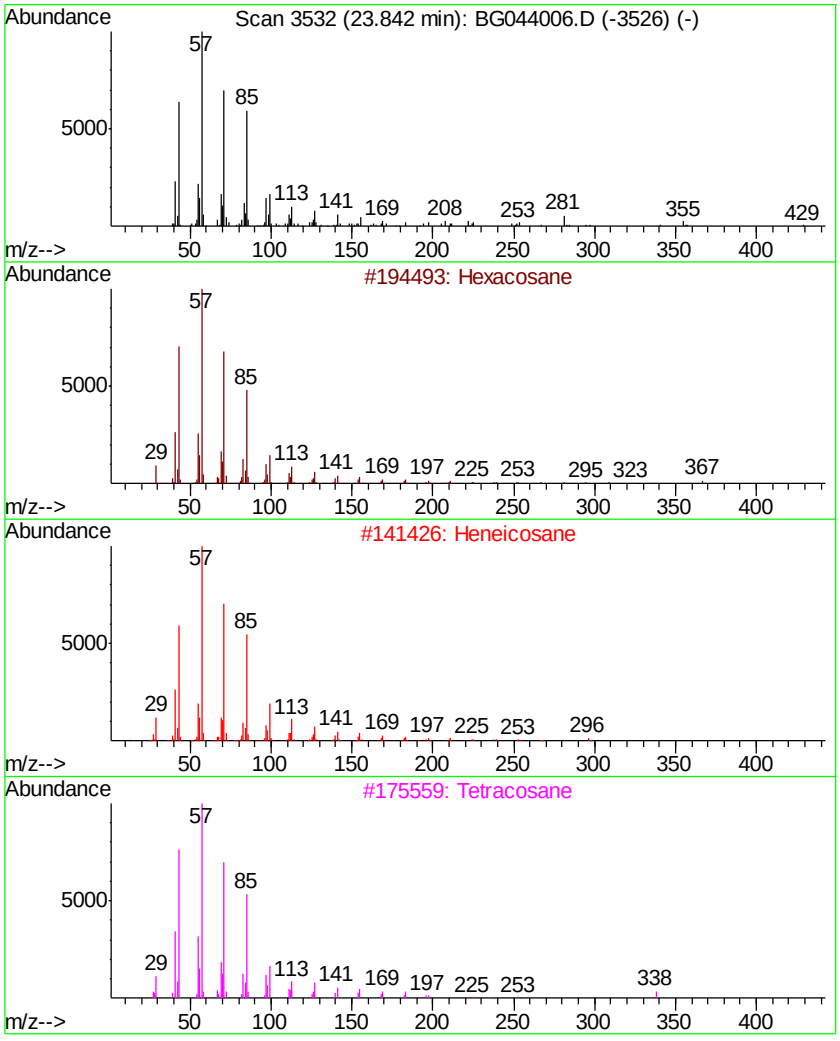
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

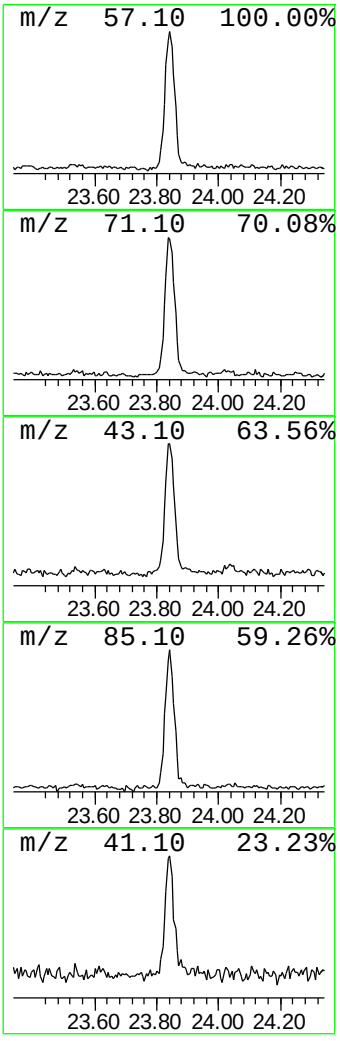
****

Peak Number 9 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	2.23 ng	191167	Perylene-d12	24.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Eicosane	282	C20H42	000112-95-8	87





Library Search Compound Report

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Data File : BG044006.D
Acq On : 10 Jan 2020 17:32
Operator : JU
Sample : L1064-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

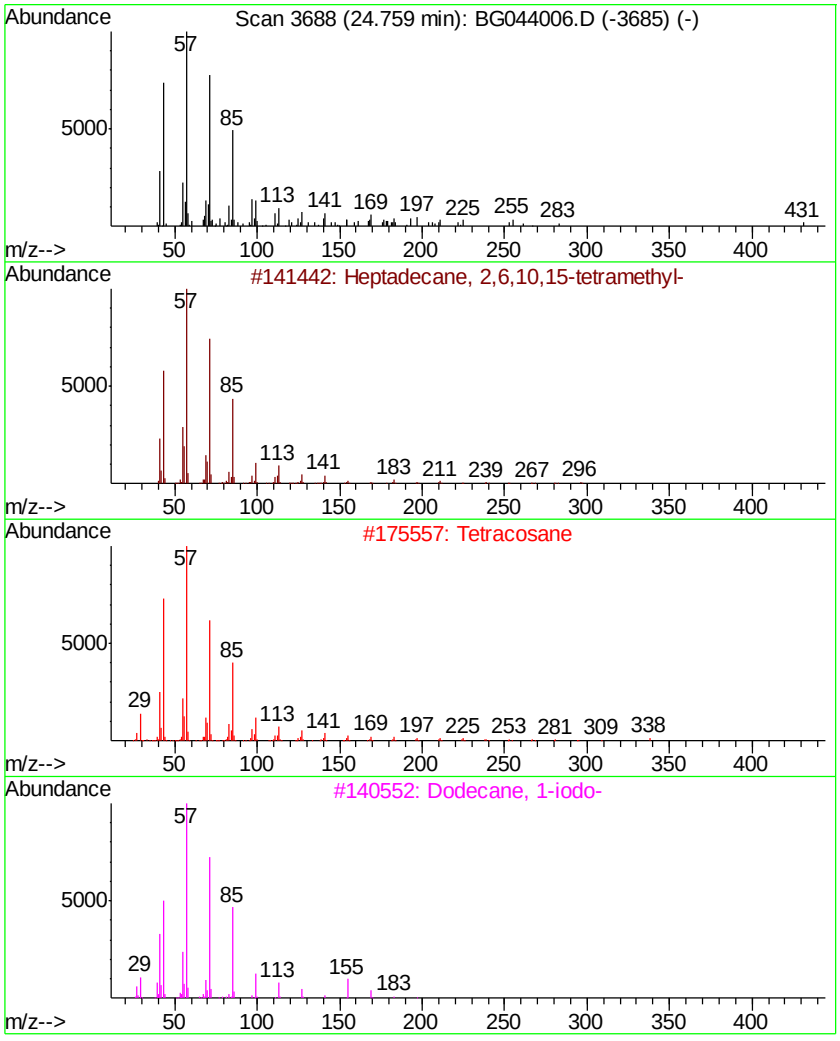
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

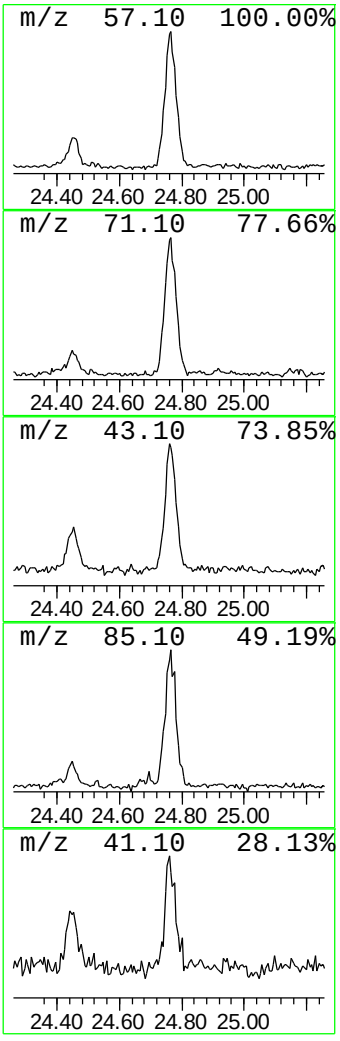
****

Peak Number 10 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.76	2.13 ng	182422	Perylene-d12	24.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Tetracosane	338	C24H50	000646-31-1	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	86
5	Eicosane	282	C20H42	000112-95-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011020\
Data File : BG044006.D
Acq On : 10 Jan 2020 17:32
Operator : JU
Sample : L1064-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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...	3.14	24.9	ng	827682	1	7.95	663355	20.0
2-Pentanone, 4-hy...	5.06	22.8	ng	755974	1	7.95	663355	20.0
unknown7.49	7.49	112.5	ng	3731640	1	7.95	663355	20.0
5-Eicosene, (E)-	21.24	7.3	ng	624089	5	21.57	1704240	20.0
Nonadecane	22.39	2.2	ng	188224	5	21.57	1704240	20.0
Triacontane	23.06	2.0	ng	171062	5	21.57	1704240	20.0
Squalene	23.24	10.3	ng	882791	6	24.69	1714280	20.0
Hexacosane	23.84	2.2	ng	191167	6	24.69	1714280	20.0
Heptadecane, 2,6,...	24.76	2.1	ng	182422	6	24.69	1714280	20.0