LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033683.D
Acq On : 9 Apr 2018 16:38
Operator : SJ/JU
Sample : J2236-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

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:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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	3.476	25	32	42	rBV	212951	441879	11.34%	2.348%
2	3.570	42	48	57	rVB	163118	278815	7.15%	1.482%
3	5.767	416	422	429	rBV3	22245	40663	1.04%	0.216%
4	6.285	503	510	527	rBV	267695	568644	14.59%	3.022%
5	7.971	790	797	812	rBV2	147831	390738	10.02%	2.076%
6	8.370	857	865	880	rBV	580750	1201773	30.83%	6.387%
7	8.858	941	948	967	rBV3	110909	266393	6.83%	1.416%
8	9.193	997	1005	1019	rBV	582663	1168341	29.97%	6.209%
9	10.057	1144	1152	1178	rBV	455609	1069850	27.45%	5.685%
10	11.737	1429	1438	1445	rBV	184111	373933	9.59%	1.987%
11	14.105	1833	1841	1859	rBV	1429405	2482431	63.69%	13.192%
12	14.892	1969	1975	1987	rBV2	67182	119890	3.08%	0.637%
13	15.303	2038	2045	2051	rBV	45053	66870	1.72%	0.355%
14	15.474	2067	2074	2082	rBV2	350165	605018	15.52%	3.215%
15	16.238	2199	2204	2209	rBV2	59590	78846	2.02%	0.419%
16	16.643	2264	2273	2277	rBV4	20105	44259	1.14%	0.235%
17	16.948	2318	2325	2341	rBV	1282579	2128617	54.61%	11.312%
18	17.095	2345	2350	2357	rVV	46905	76610	1.97%	0.407%
19	18.206	2530	2539	2550	rBV2	494434	824672	21.16%	4.383%
20	19.005	2670	2675	2686	rBV	239106	391589	10.05%	2.081%
21	20.239	2881	2885	2894	rBV	96404	167274	4.29%	0.889%
22	20.726	2962	2968	2977	rBV	2914271	3897966	100.00%	20.715%
23	22.066	3190	3196	3210	rBV2	160819	325165	8.34%	1.728%
24	22.548	3271	3278	3286	rBV	454382	908281	23.30%	4.827%
25	26.314	3909	3919	3936	rVB2	258384	898705	23.06%	4.776%

Sum of corrected areas: 18817222

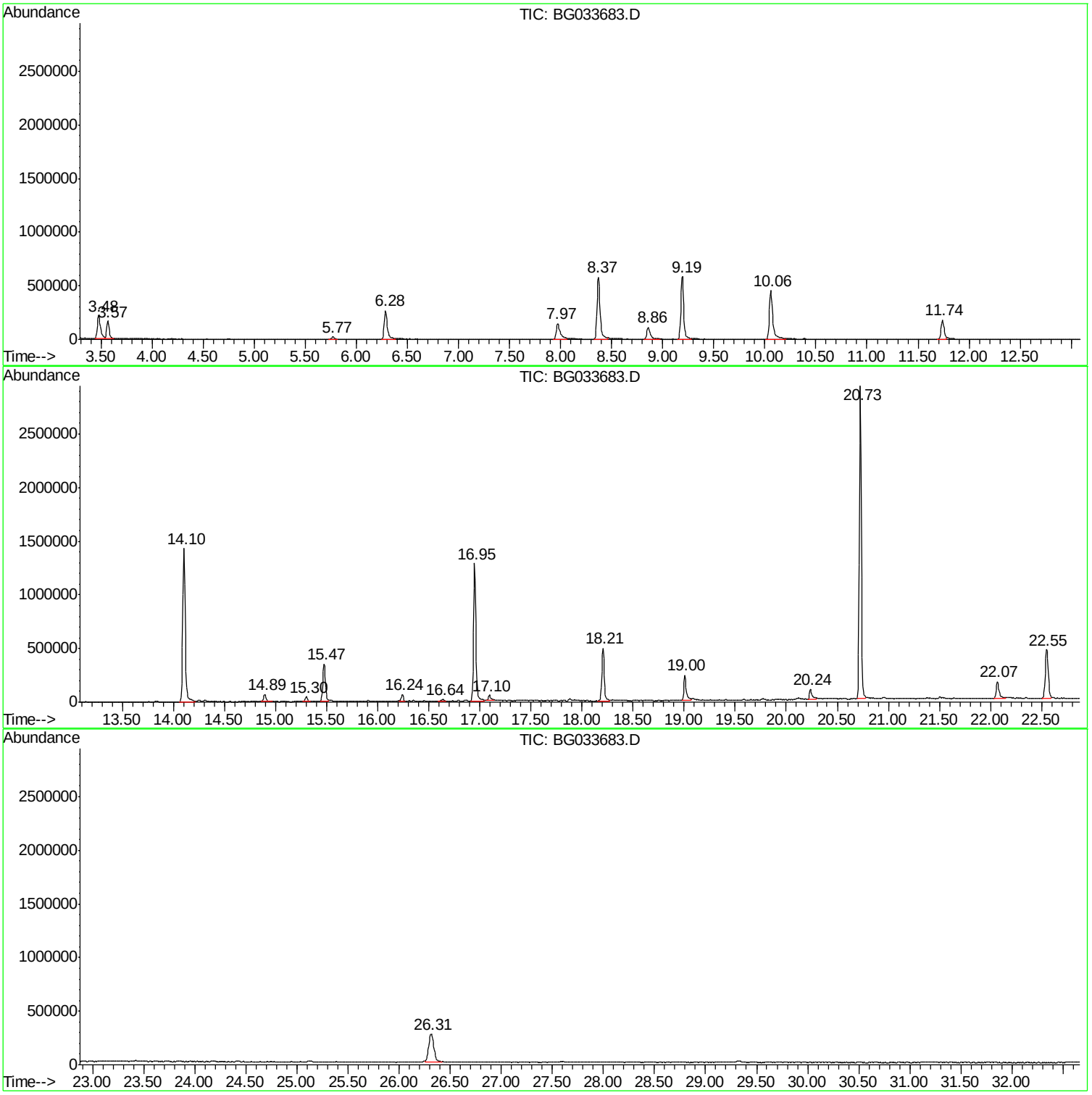
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033683.D
Acq On : 9 Apr 2018 16:38
Operator : SJ/JU
Sample : J2236-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033683.D
Acq On : 9 Apr 2018 16:38
Operator : SJ/JU
Sample : J2236-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

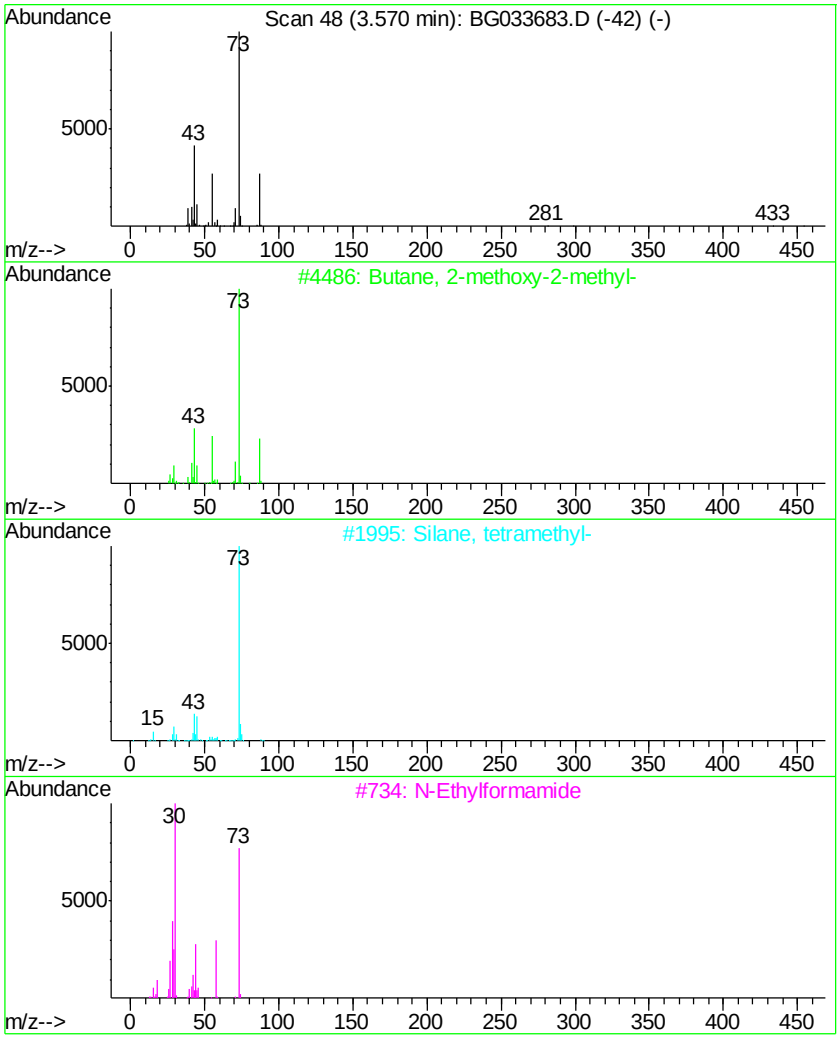
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

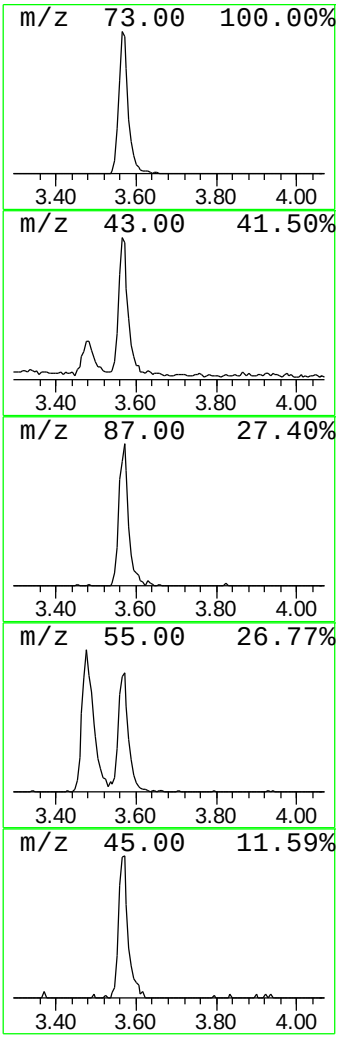
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	20.93 ng	278815	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033683.D
Acq On : 9 Apr 2018 16:38
Operator : SJ/JU
Sample : J2236-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

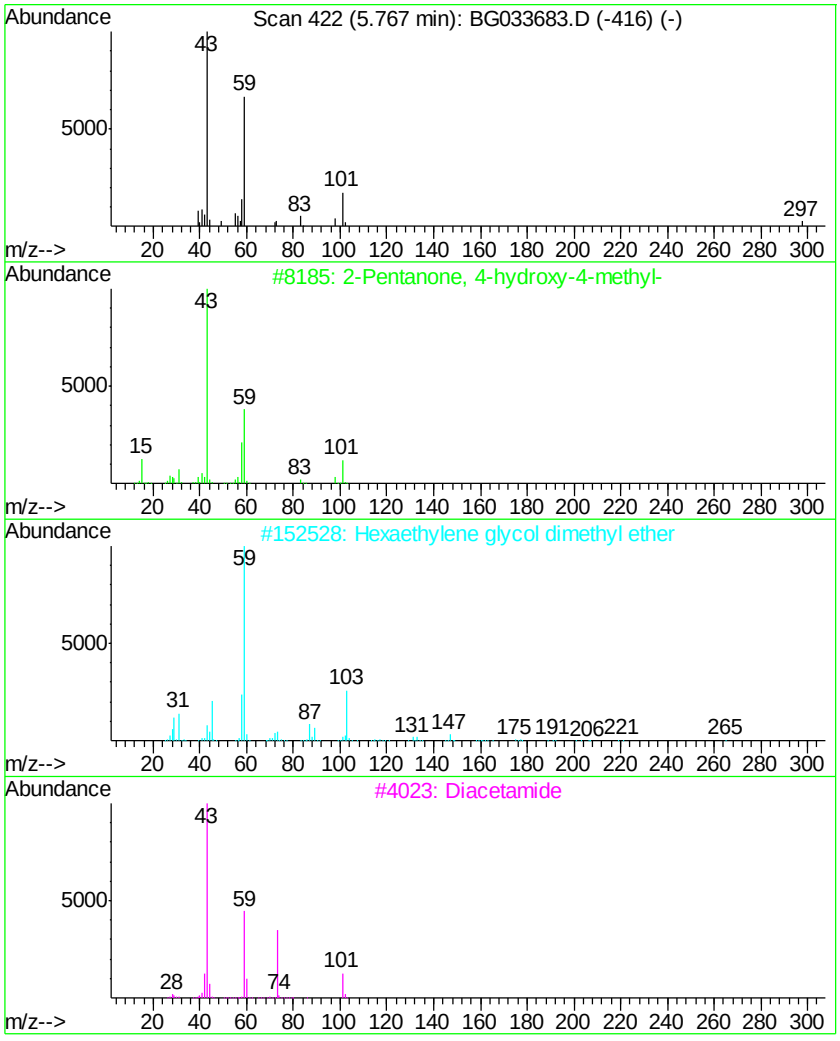
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

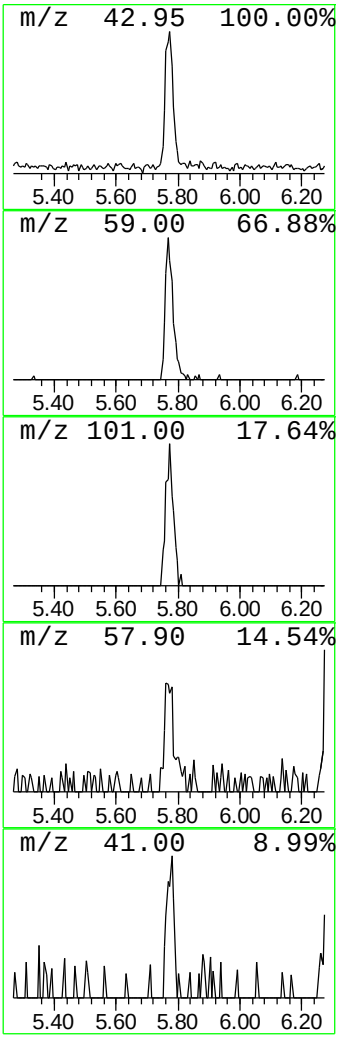
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	3.05 ng	40663	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	37
3	Diacetamide	101	C4H7NO2	000625-77-4	36
4	3-Tridecanol	200	C13H28O	010289-68-6	25
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033683.D
Acq On : 9 Apr 2018 16:38
Operator : SJ/JU
Sample : J2236-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

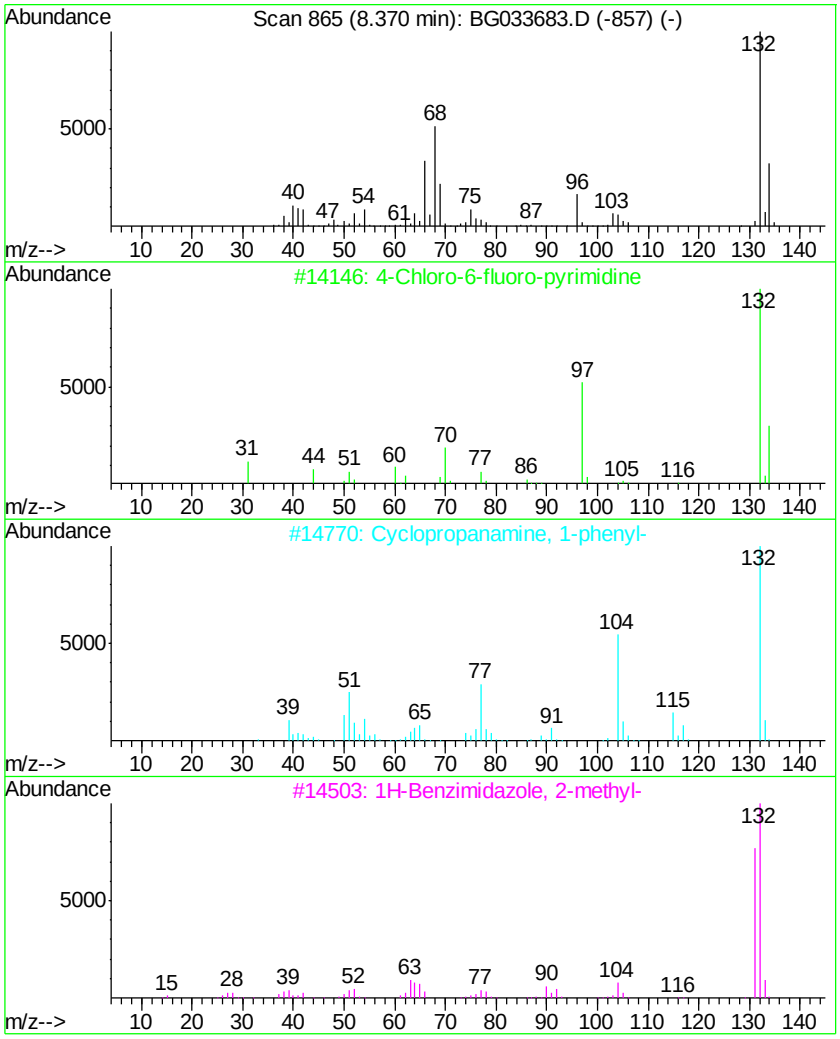
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

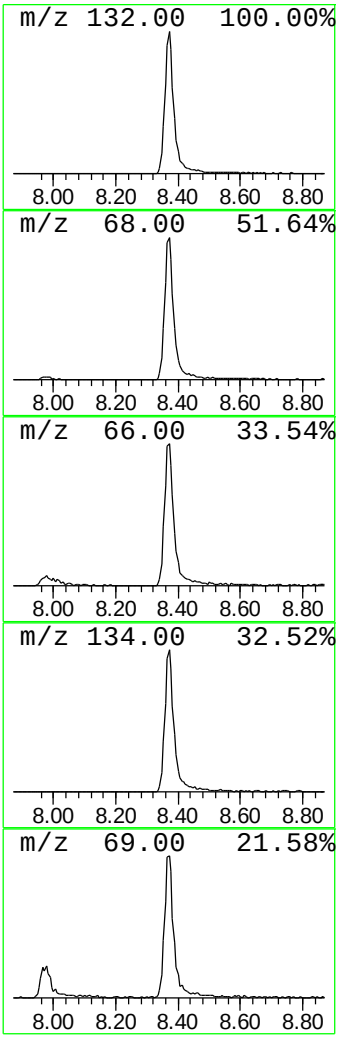
****

Peak Number 4 unknown8.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	90.23 ng	1201770	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033683.D
Acq On : 9 Apr 2018 16:38
Operator : SJ/JU
Sample : J2236-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

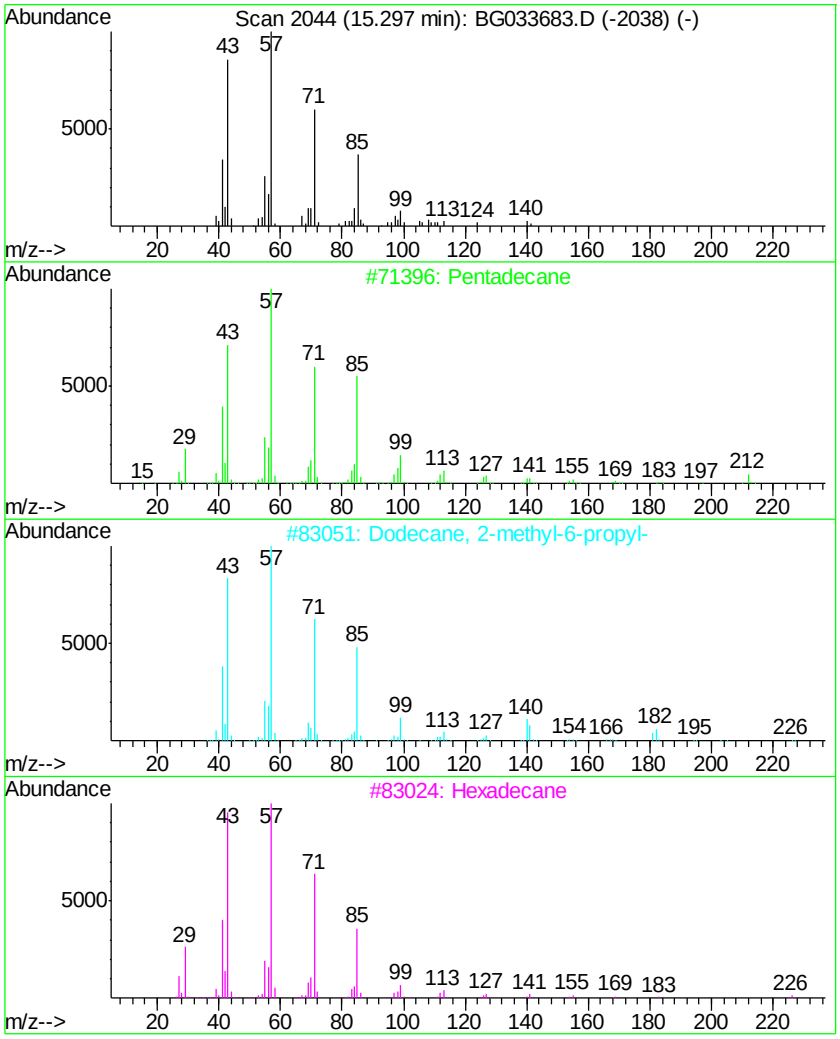
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

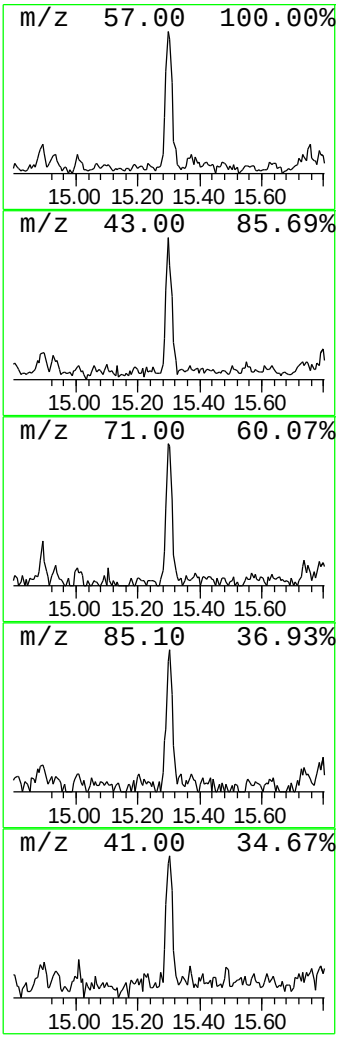
****

Peak Number 6 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.21 ng	66870	Acenaphthene-d10	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033683.D
Acq On : 9 Apr 2018 16:38
Operator : SJ/JU
Sample : J2236-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

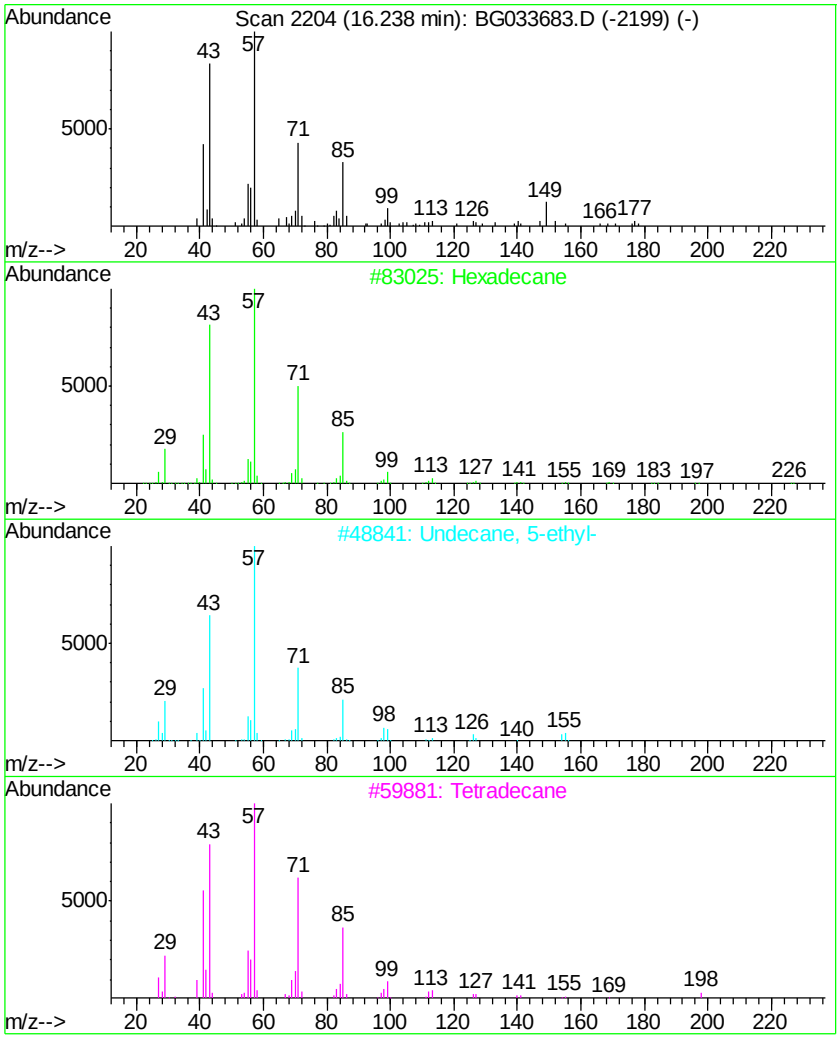
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

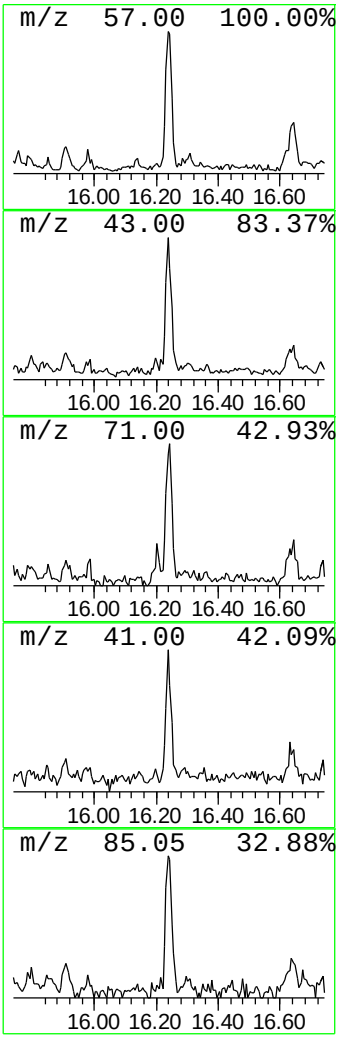
****

Peak Number 7 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	2.61 ng	78846	Acenaphthene-d10	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
3	Tetradecane	198	C14H30	000629-59-4	53
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	53
5	1-Iodoundecane	282	C11H23I	004282-44-4	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033683.D
Acq On : 9 Apr 2018 16:38
Operator : SJ/JU
Sample : J2236-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

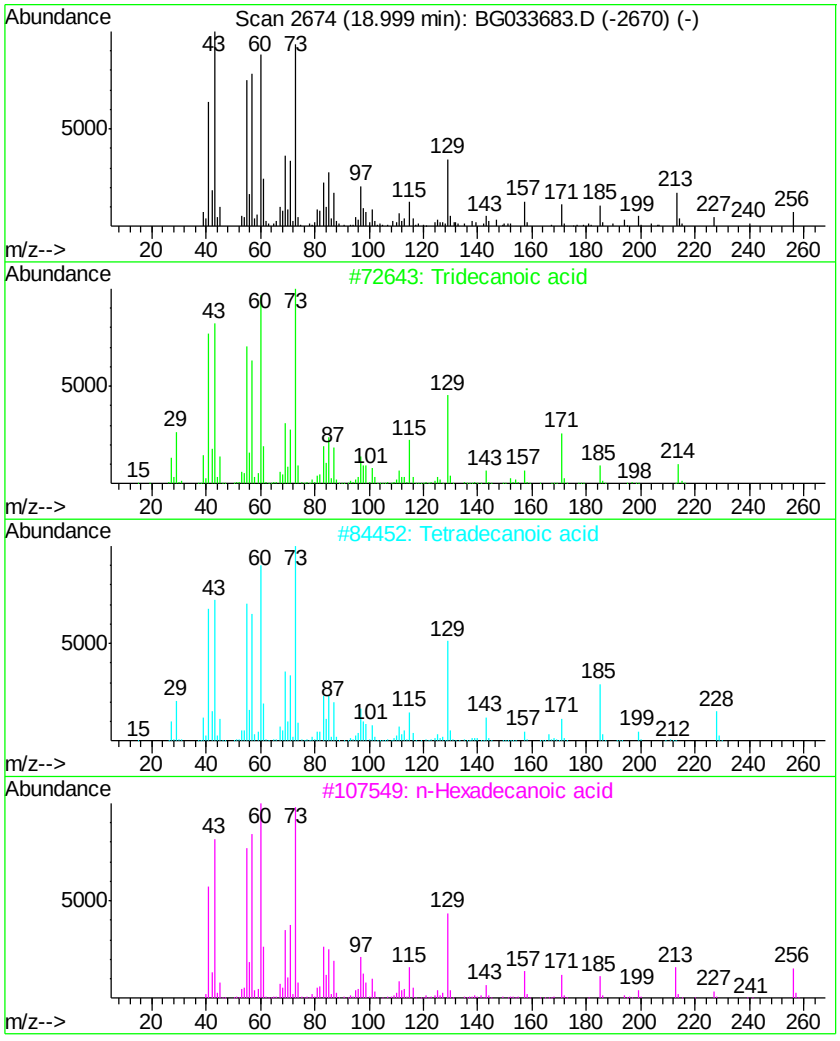
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

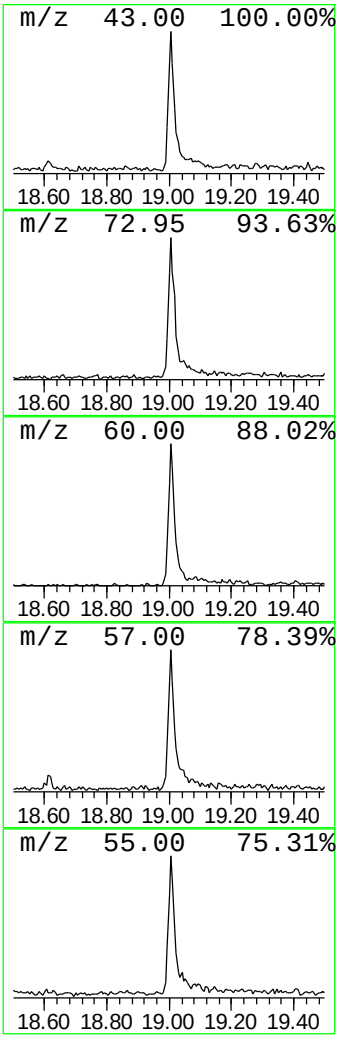
****

Peak Number 8 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	9.50 ng	391589	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	92
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033683.D
Acq On : 9 Apr 2018 16:38
Operator : SJ/JU
Sample : J2236-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

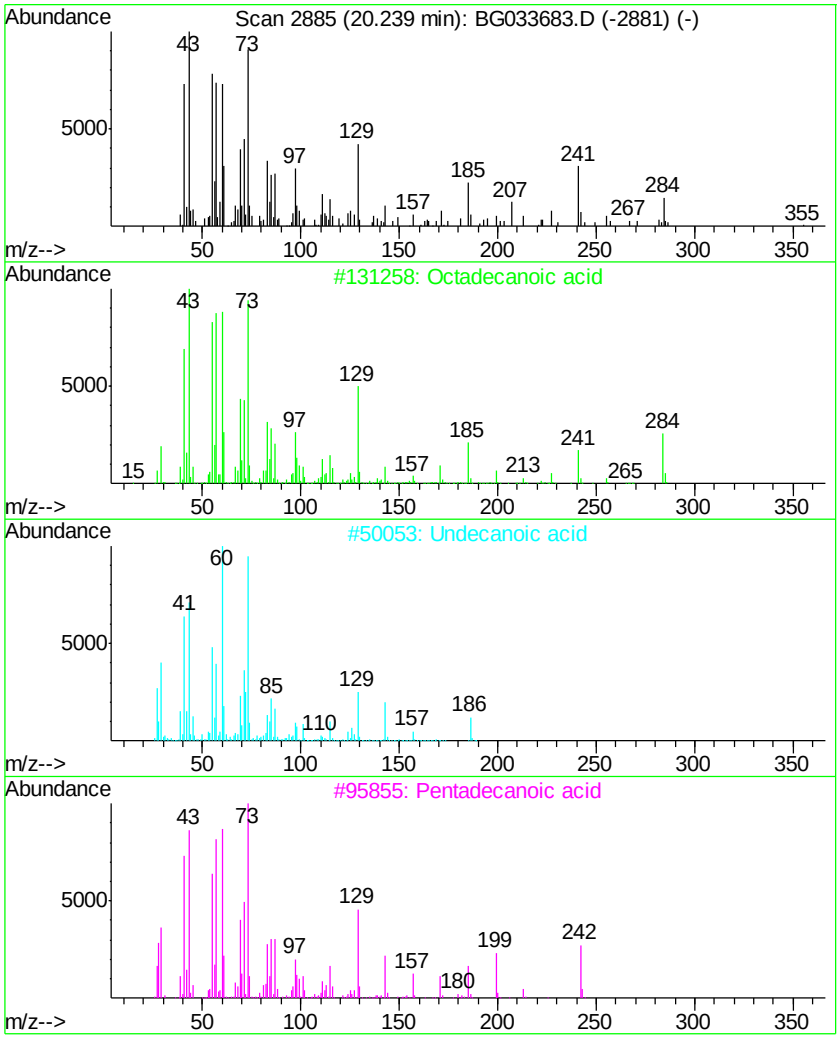
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

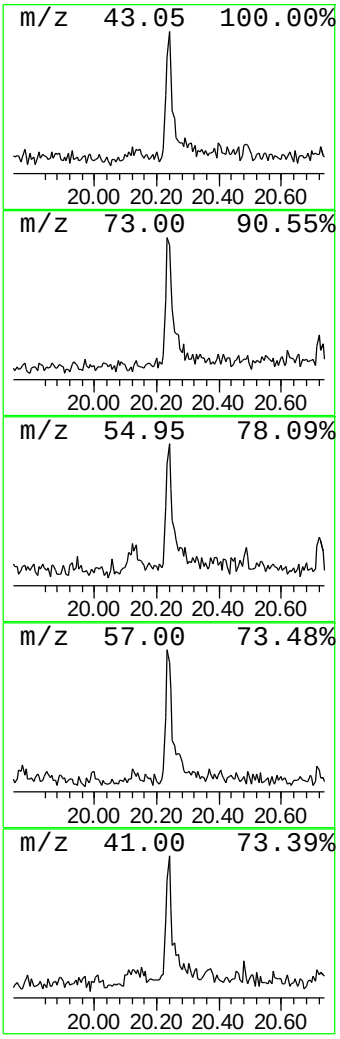
****

Peak Number 9 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	4.06 ng	167274	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033683.D
Acq On : 9 Apr 2018 16:38
Operator : SJ/JU
Sample : J2236-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

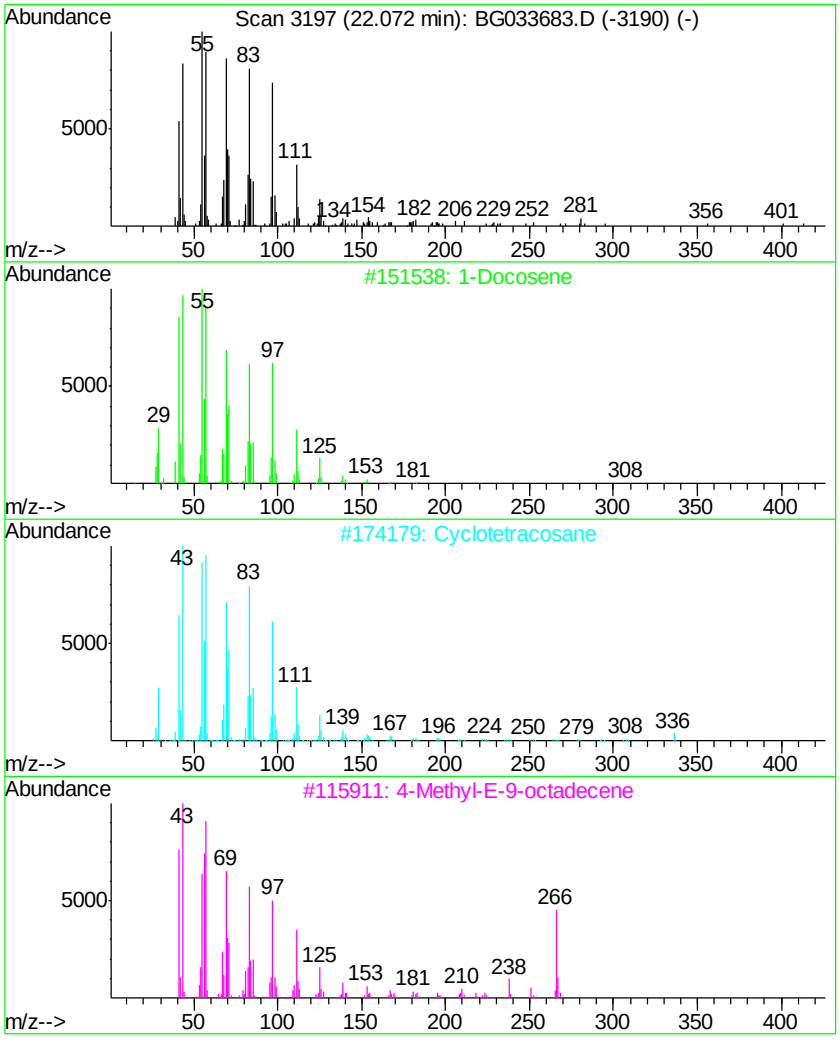
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

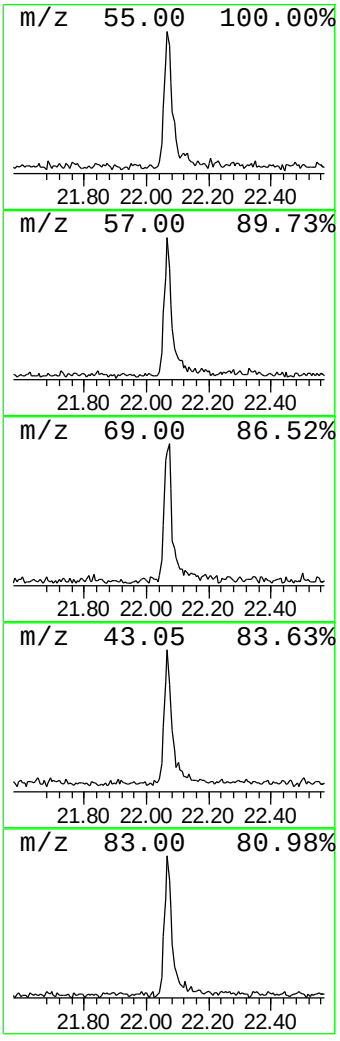
****

Peak Number 10 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	7.16 ng	325165	Chrysene-d12	22.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	98
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040918\
Data File : BG033683.D
Acq On : 9 Apr 2018 16:38
Operator : SJ/JU
Sample : J2236-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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...	3.57	20.9	ng	278815	1	8.86	266393	20.0
2-Pentanone, 4-hy...	5.77	3.0	ng	40663	1	8.86	266393	20.0
unknown8.37	8.37	90.2	ng	1201770	1	8.86	266393	20.0
Pentadecane	15.30	2.2	ng	66870	3	15.47	605018	20.0
Hexadecane	16.24	2.6	ng	78846	3	15.47	605018	20.0
Tridecanoic acid	19.00	9.5	ng	391589	4	18.21	824672	20.0
Octadecanoic acid	20.24	4.1	ng	167274	4	18.21	824672	20.0
1-Docosene	22.07	7.2	ng	325165	5	22.55	908281	20.0