LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017972.D
Acq On : 20 Jul 2015 00:05
Operator : TP/UM
Sample : G2966-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO004

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-BG071715.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	2.787	12	17	22	rBV3	46969	82949	1.26%	0.252%
2	2.864	25	30	42	rVB	1154339	1547742	23.46%	4.704%
3	4.732	343	348	355	rVB2	55849	82234	1.25%	0.250%
4	5.190	420	426	433	rBV	685799	1007955	15.27%	3.063%
5	6.765	687	694	708	rBV	443508	691959	10.49%	2.103%
6	7.123	744	755	763	rBV	1321848	2144989	32.51%	6.519%
7	7.582	826	833	840	rBV	346590	560886	8.50%	1.705%
8	7.905	880	888	898	rBV	1211314	1971172	29.87%	5.991%
9	8.739	1022	1030	1037	rBV	1004824	1645261	24.93%	5.000%
10	10.367	1300	1307	1314	rBV	508494	847779	12.85%	2.576%
11	12.858	1724	1731	1739	rBV	2864706	4245063	64.33%	12.901%
12	13.146	1775	1780	1788	rVB3	41968	68293	1.03%	0.208%
13	13.704	1869	1875	1882	rBV	262117	368725	5.59%	1.121%
14	14.244	1956	1967	1978	rBV2	759438	1204114	18.25%	3.659%
15	14.996	2090	2095	2099	rBV	94203	133236	2.02%	0.405%
16	15.613	2195	2200	2208	rBV	75218	115038	1.74%	0.350%
17	15.737	2215	2221	2235	rBV	2289019	3380463	51.23%	10.274%
18	16.994	2428	2435	2442	rBV2	1025292	1481209	22.45%	4.502%
19	17.676	2547	2551	2555	rVB4	69677	87187	1.32%	0.265%
20	17.911	2587	2591	2600	rBV	341204	551833	8.36%	1.677%
21	17.993	2601	2605	2610	rVB2	49302	85297	1.29%	0.259%
22	19.203	2807	2811	2823	rBV	293352	490585	7.43%	1.491%
23	19.644	2880	2886	2899	rBV	5260781	6598771	100.00%	20.054%
24	20.925	3100	3104	3111	rBV	155481	205191	3.11%	0.624%
25	21.195	3145	3150	3157	rBV	1319013	1651212	25.02%	5.018%
26	23.416	3521	3528	3540	rVB	865840	1655211	25.08%	5.030%

Sum of corrected areas: 32904354

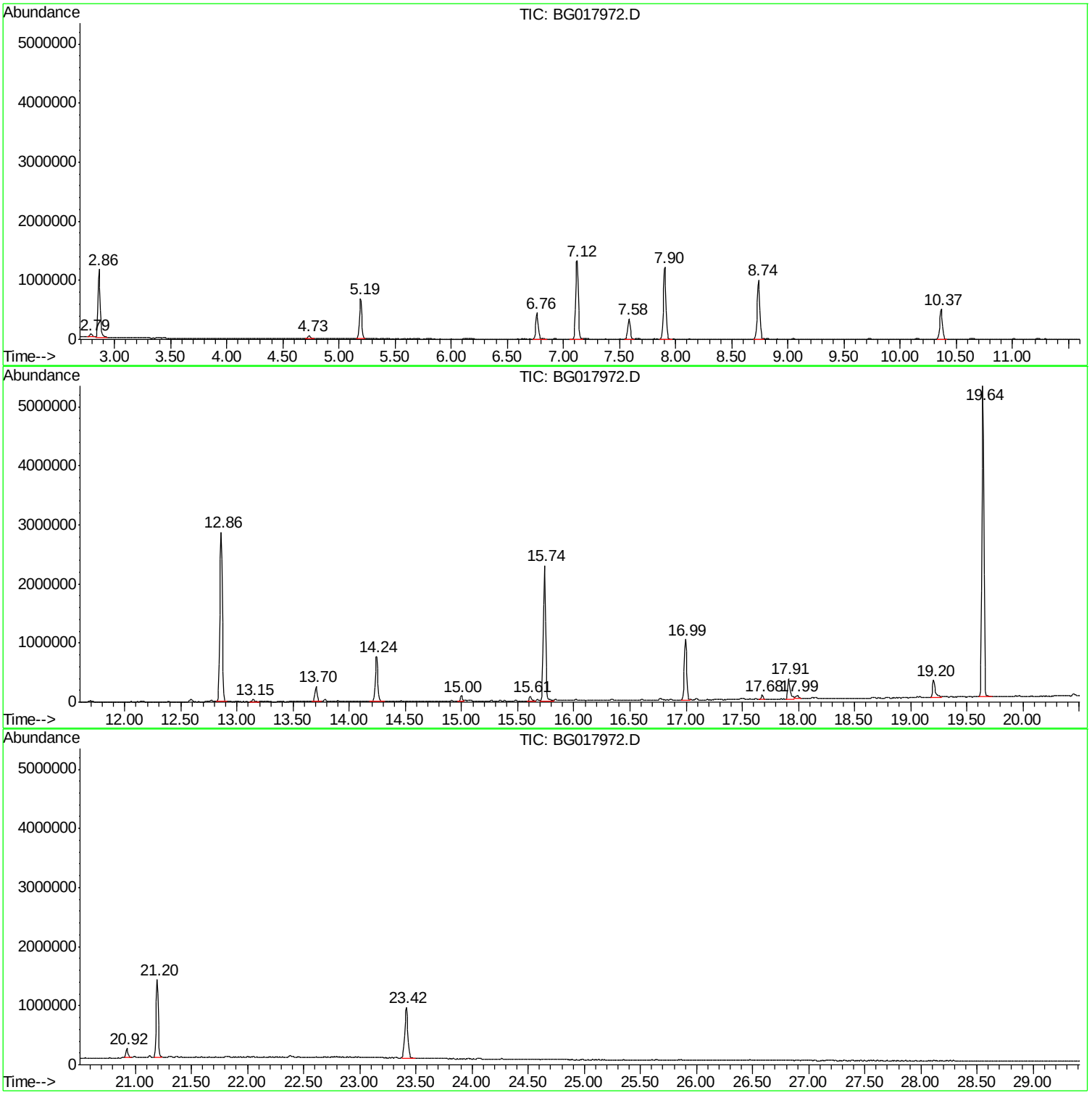
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017972.D
Acq On : 20 Jul 2015 00:05
Operator : TP/UM
Sample : G2966-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017972.D
Acq On : 20 Jul 2015 00:05
Operator : TP/UM
Sample : G2966-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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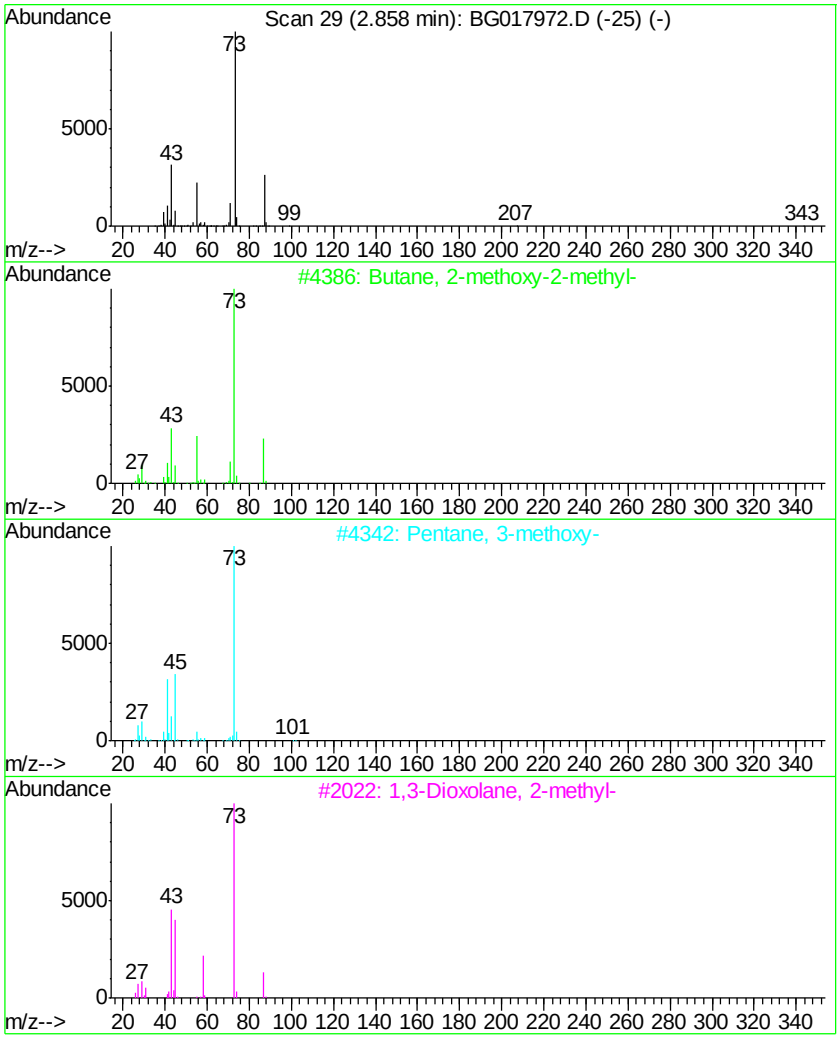
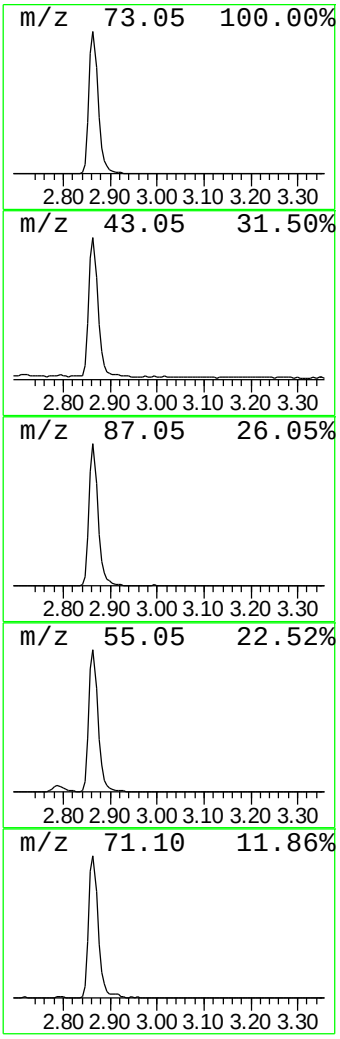
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	55.19 ng	1547740	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017972.D
Acq On : 20 Jul 2015 00:05
Operator : TP/UM
Sample : G2966-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

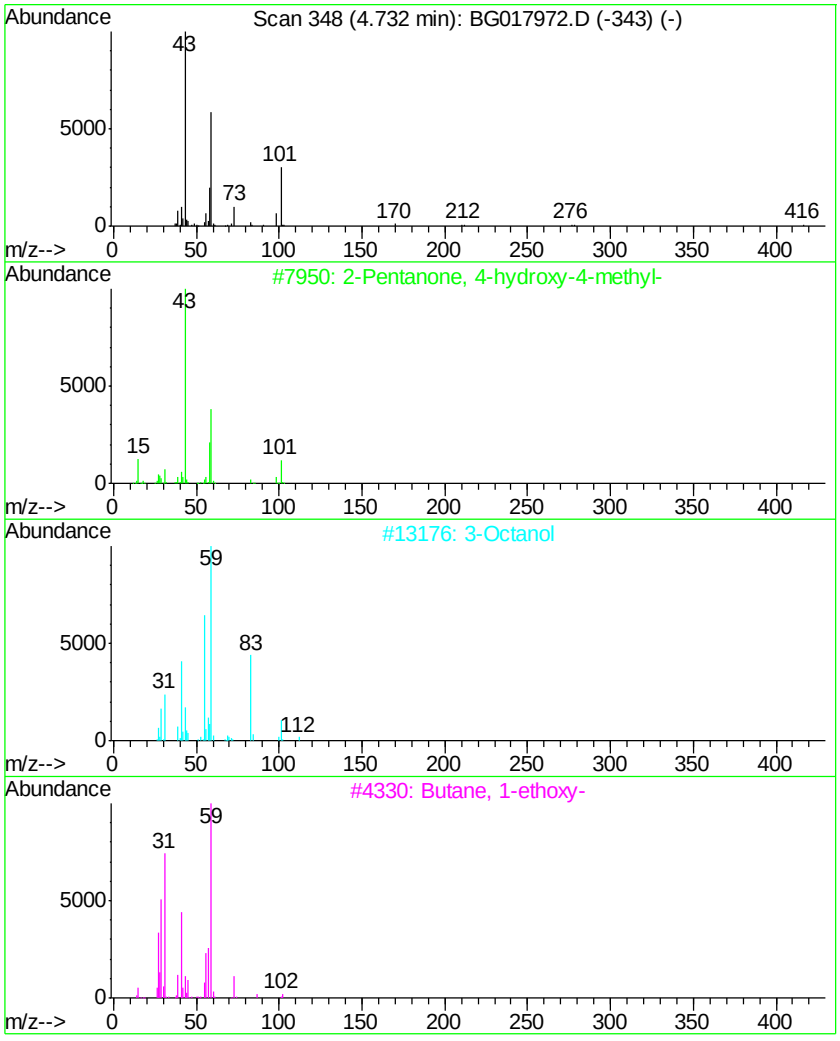
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

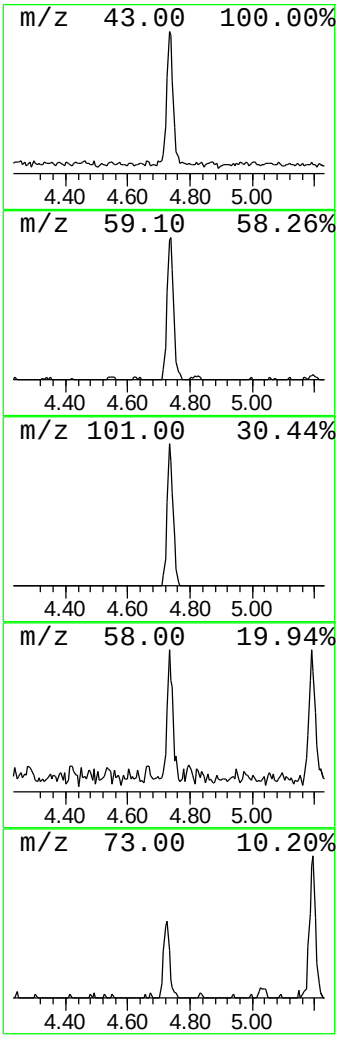
****

Peak Number 3 unknown4.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	2.93 ng	82234	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	3-Octanol	130	C8H18O	000589-98-0	12
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Acetone	58	C3H6O	000067-64-1	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017972.D
Acq On : 20 Jul 2015 00:05
Operator : TP/UM
Sample : G2966-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

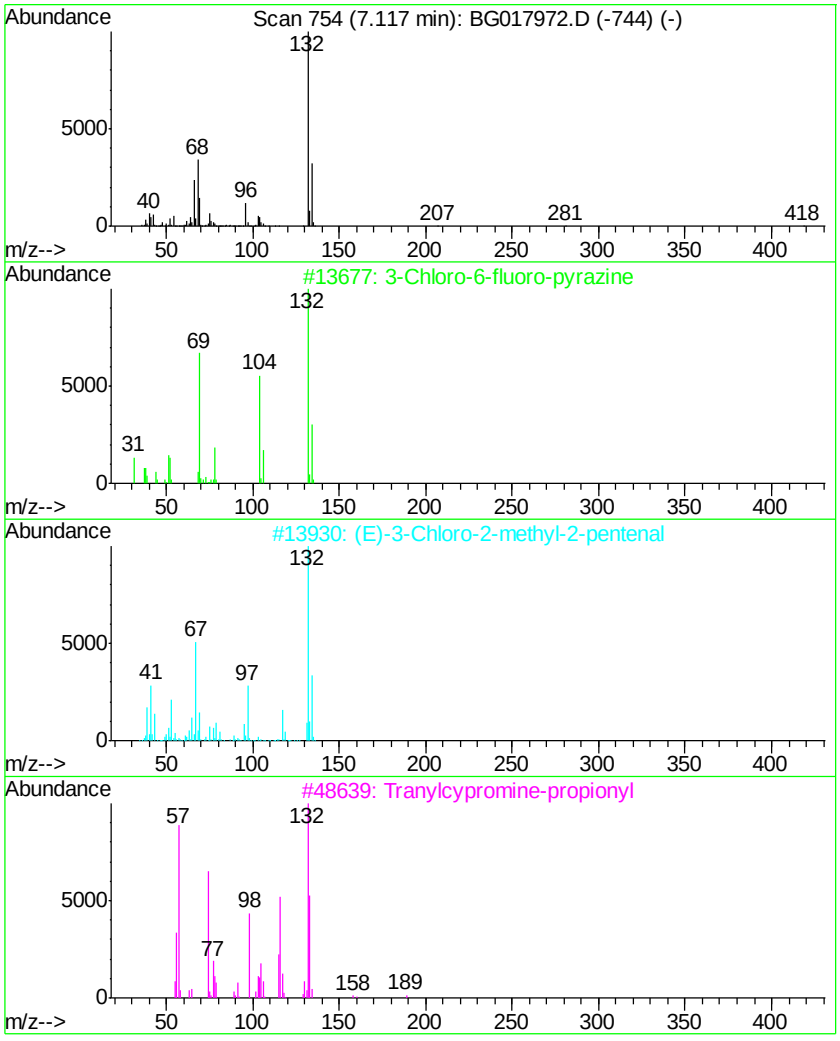
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

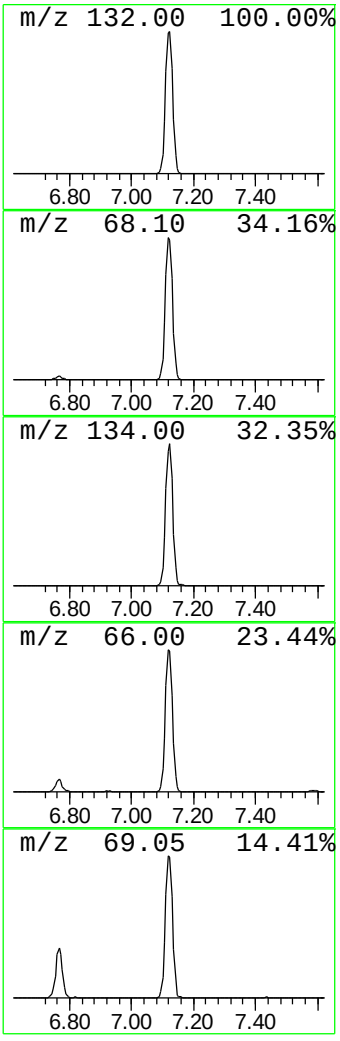
****

Peak Number 4 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	76.49 ng	2144990	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017972.D
Acq On : 20 Jul 2015 00:05
Operator : TP/UM
Sample : G2966-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

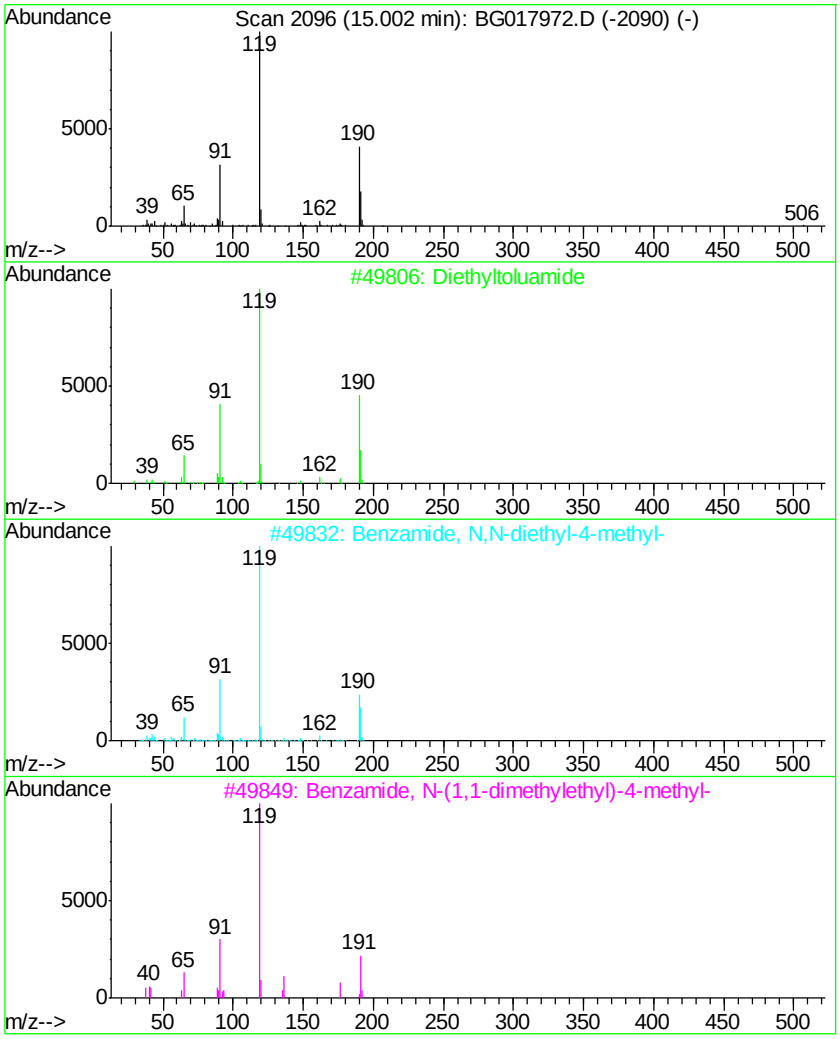
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

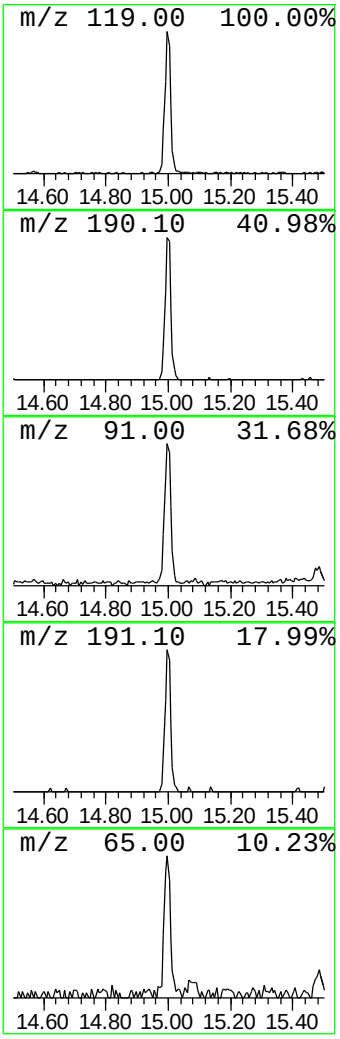
****

Peak Number 6 Diethyltoluamide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.21 ng	133236	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	94
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
3	Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	62
4	p-Toluric acid	193	C10H11NO3	027115-50-0	50
5	4-Methyl-benzoic acid 2-(3-nitro...	299	C16H13NO5	324067-92-7	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017972.D
Acq On : 20 Jul 2015 00:05
Operator : TP/UM
Sample : G2966-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

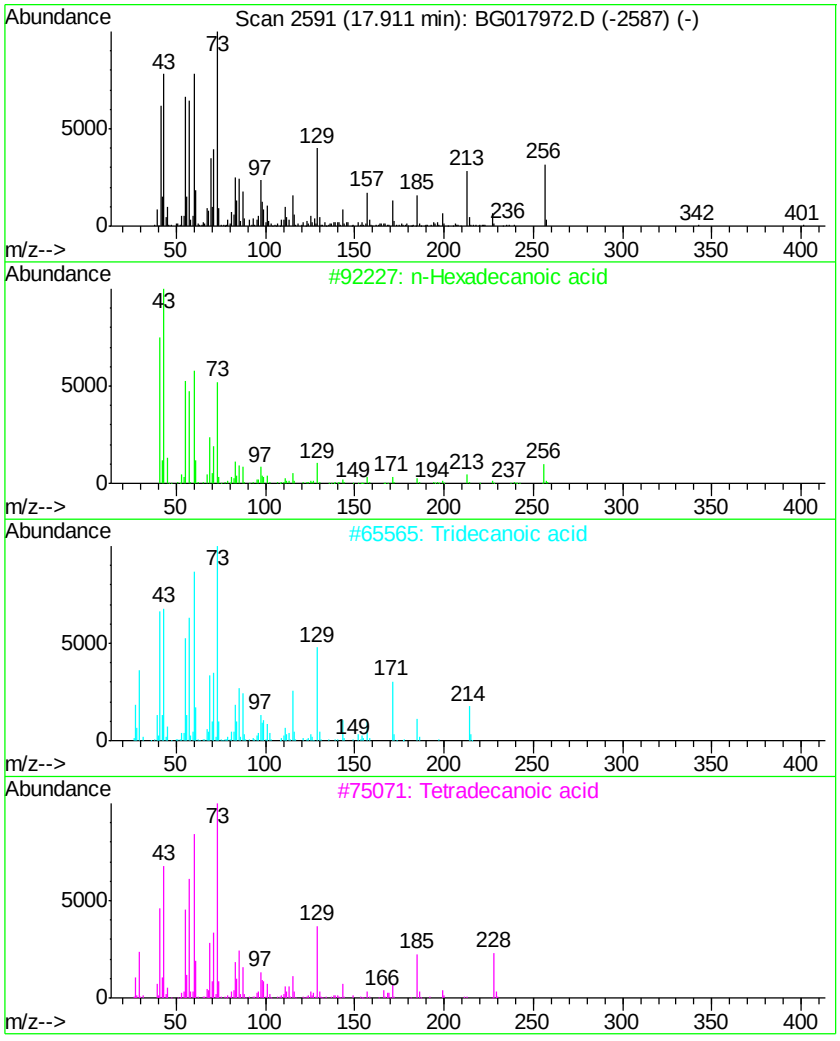
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

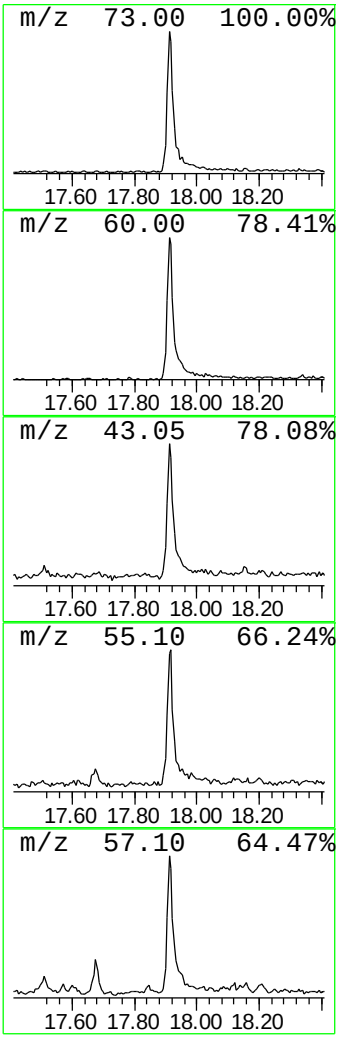
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	7.45 ng	551833	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
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Acq On : 20 Jul 2015 00:05
Operator : TP/UM
Sample : G2966-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

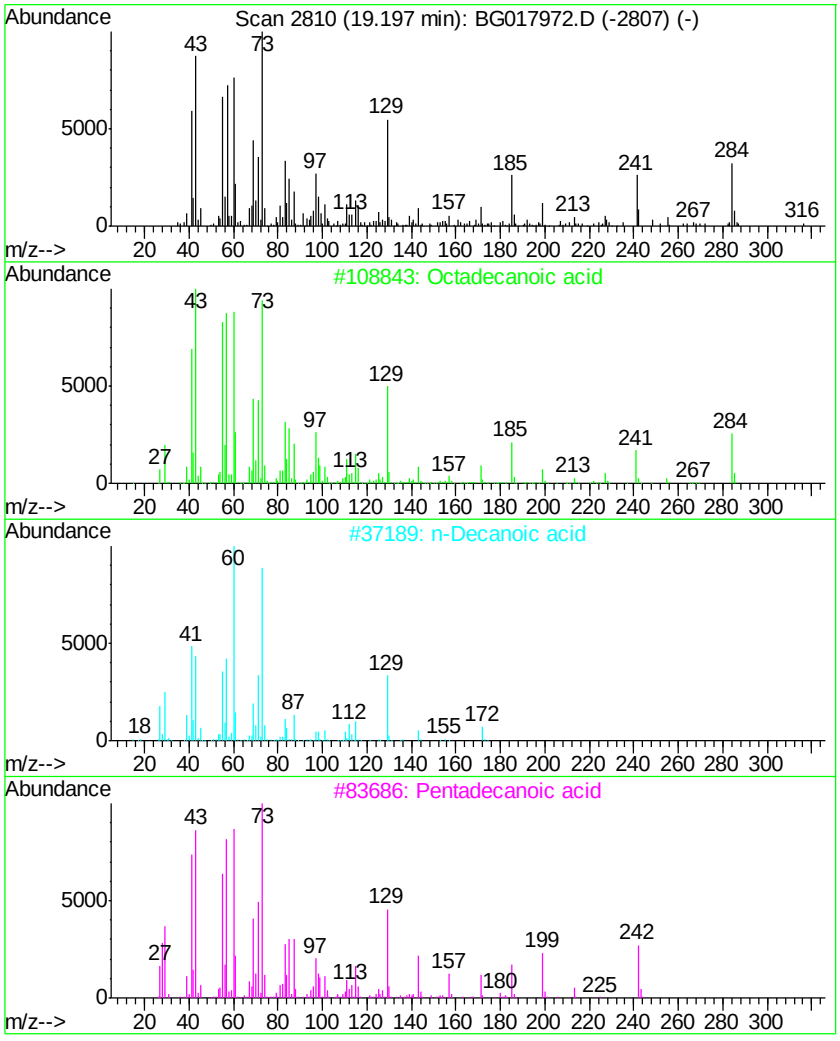
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

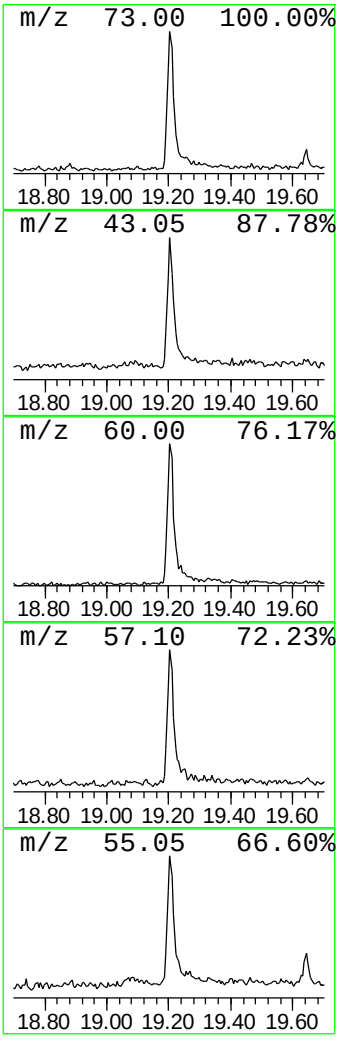
****

Peak Number 8 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	5.94 ng	490585	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





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Acq On : 20 Jul 2015 00:05
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Sample : G2966-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

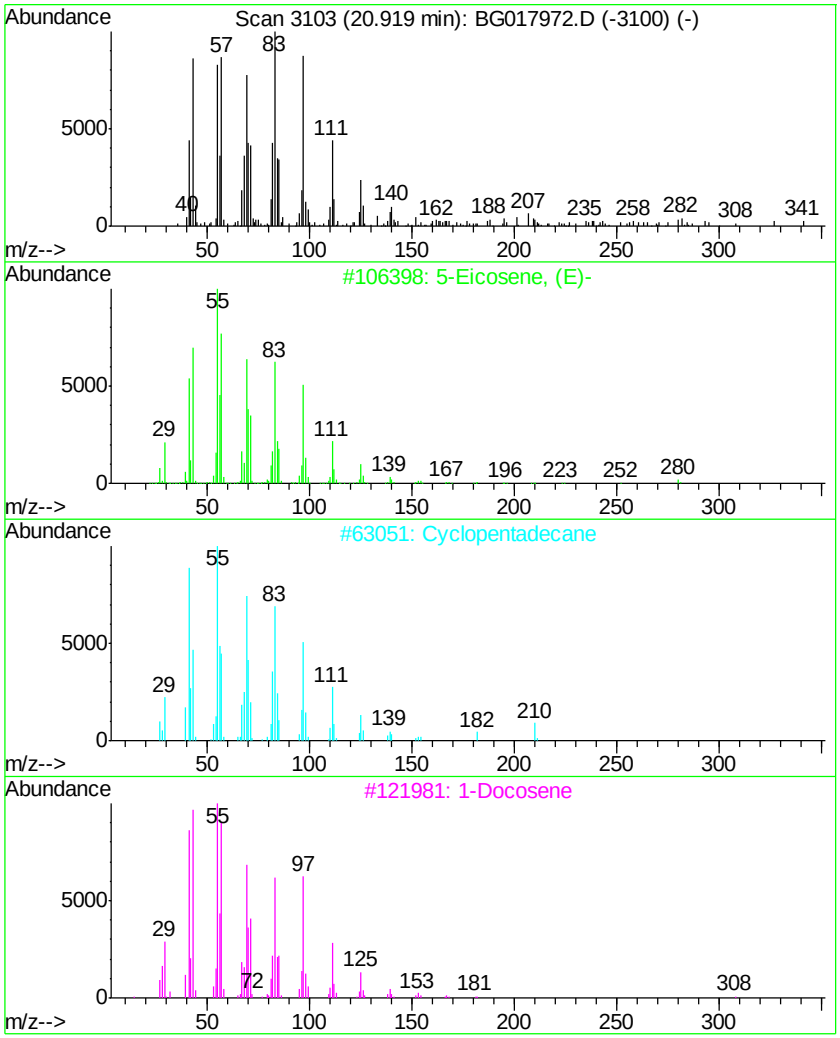
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

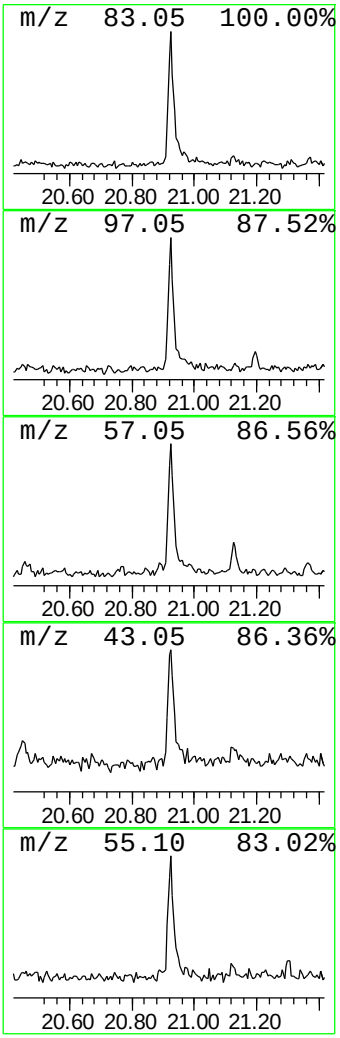
****

Peak Number 9 5-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.49 ng	205191	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	1-Docosene	308	C22H44	001599-67-3	90
4	Isoheptadecanol	256	C17H36O	057289-07-3	87
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.86	55.2	ng	1547740	1	7.59	560886	20.0
unknown4.73	4.73	2.9	ng	82234	1	7.59	560886	20.0
unknown7.12	7.12	76.5	ng	2144990	1	7.59	560886	20.0
Diethyltoluamide	15.00	2.2	ng	133236	3	14.24	1204110	20.0
n-Hexadecanoic acid	17.91	7.5	ng	551833	4	16.99	1481210	20.0
Octadecanoic acid	19.20	5.9	ng	490585	5	21.20	1651210	20.0
5-Eicosene, (E)-	20.92	2.5	ng	205191	5	21.20	1651210	20.0