LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018046.D
Acq On : 22 Jul 2015 6:43
Operator : TP/UM
Sample : G3027-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-06-1.0-1.5

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	4.692	336	341	349	rVB	114408	155056	3.82%	0.656%
2	5.156	413	420	433	rBV	948682	1391647	34.32%	5.884%
3	6.737	678	689	698	rBV	1060928	1663785	41.03%	7.034%
4	7.084	741	748	758	rVB	1153000	1773774	43.74%	7.499%
5	7.548	821	827	835	rVB	190302	297993	7.35%	1.260%
6	7.865	874	881	888	rVB	814241	1282865	31.63%	5.424%
7	8.705	1016	1024	1031	rBV	655351	1099353	27.11%	4.648%
8	10.327	1292	1300	1306	rBV	305515	498284	12.29%	2.107%
9	12.824	1718	1725	1732	rBV	1944205	2874441	70.88%	12.153%
10	13.670	1863	1869	1879	rBV	263521	360077	8.88%	1.522%
11	14.211	1955	1961	1968	rBV2	469372	710166	17.51%	3.003%
12	14.757	2047	2054	2061	rBV2	20331	48512	1.20%	0.205%
13	15.709	2209	2216	2228	rBV	1667048	2316417	57.12%	9.794%
14	15.950	2251	2257	2260	rBV	31126	45432	1.12%	0.192%
15	16.960	2423	2429	2434	rBV	572130	820514	20.23%	3.469%
16	17.001	2434	2436	2442	rVB	123061	146223	3.61%	0.618%
17	17.883	2581	2586	2594	rBV3	86097	133137	3.28%	0.563%
18	19.034	2777	2782	2788	rBV	221402	300021	7.40%	1.268%
19	19.393	2834	2843	2852	rVB	181172	306280	7.55%	1.295%
20	19.610	2871	2880	2890	rVB	3123693	4055474	100.00%	17.146%
21	19.898	2925	2929	2933	rVB2	28590	40960	1.01%	0.173%
22	20.891	3094	3098	3103	rBV3	61578	95791	2.36%	0.405%
23	21.161	3138	3144	3148	rBV	786833	1123942	27.71%	4.752%
24	21.196	3148	3150	3157	rVB	108096	142072	3.50%	0.601%
25	21.760	3241	3246	3249	rBV4	41632	64897	1.60%	0.274%
26	22.436	3356	3361	3370	rBV3	131937	203976	5.03%	0.862%
27	22.706	3401	3407	3412	rBV2	134549	285480	7.04%	1.207%
28	23.171	3482	3486	3495	rVB2	52965	101666	2.51%	0.430%
29	23.265	3497	3502	3509	rVB2	87778	159930	3.94%	0.676%
30	23.364	3512	3519	3525	rBV	517370	944534	23.29%	3.993%
31	23.911	3607	3612	3620	rVB2	51702	107967	2.66%	0.456%
32	26.055	3973	3977	3985	rVB10	42841	101779	2.51%	0.430%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018046.D
Acq On : 22 Jul 2015 6:43
Operator : TP/UM
Sample : G3027-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-06-1.0-1.5

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

Sum of corrected areas: 23652445

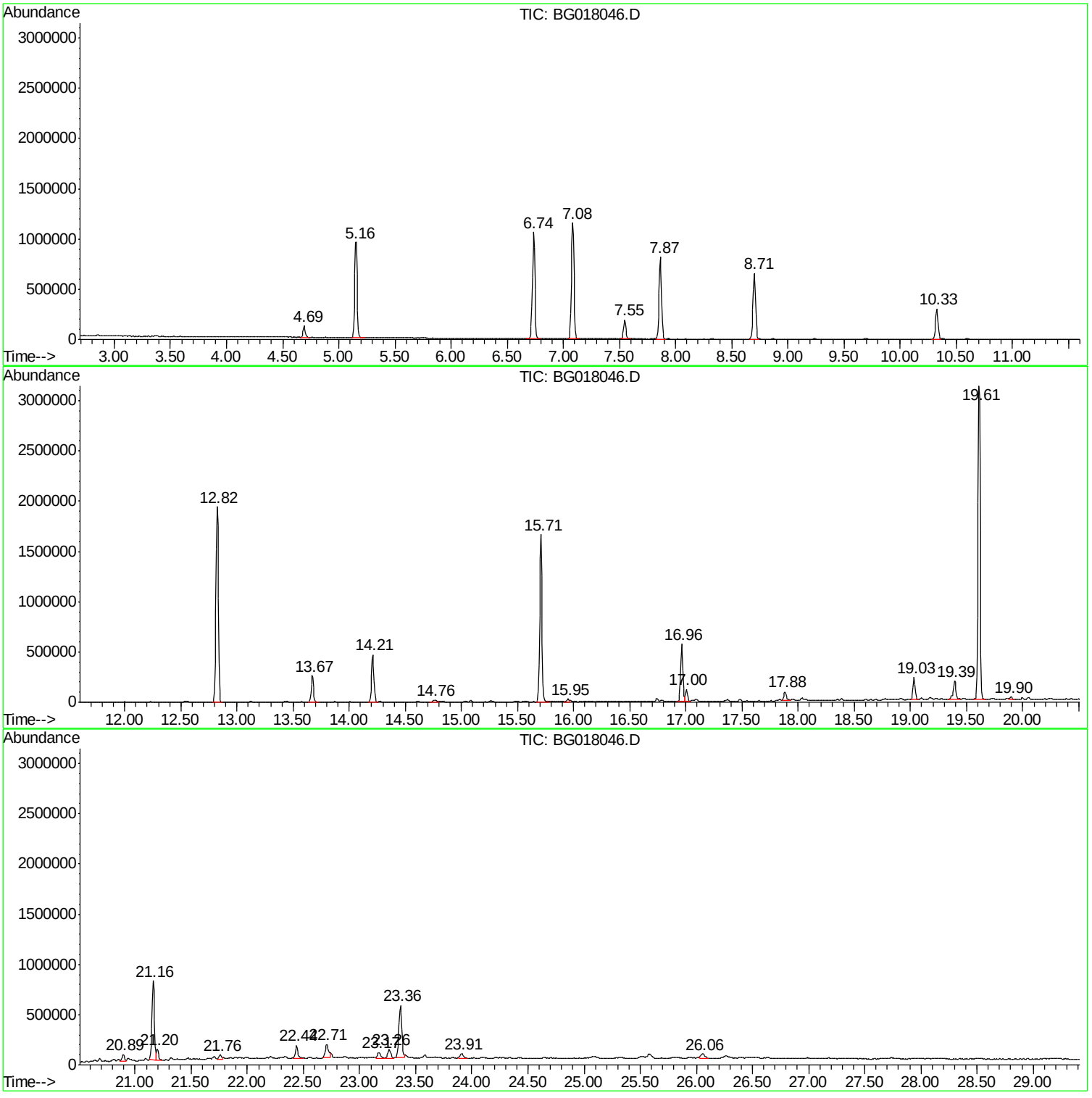
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018046.D
Acq On : 22 Jul 2015 6:43
Operator : TP/UM
Sample : G3027-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-06-1.0-1.5

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018046.D
Acq On : 22 Jul 2015 6:43
Operator : TP/UM
Sample : G3027-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-06-1.0-1.5

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

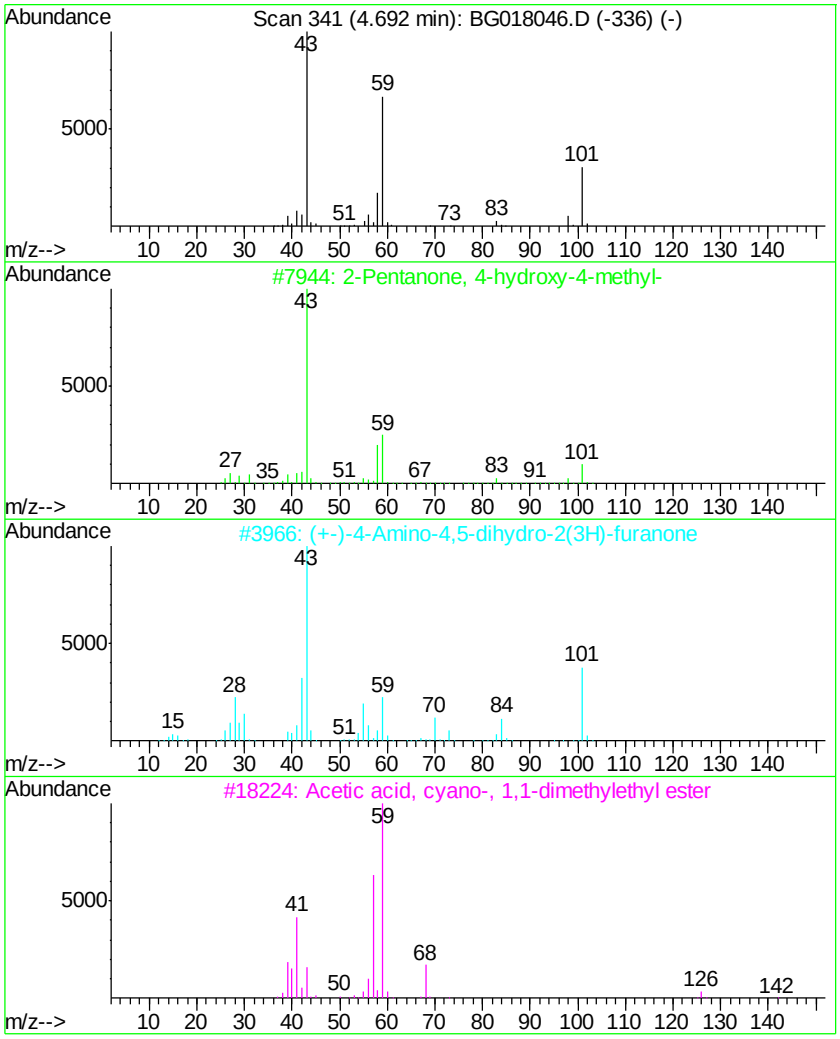
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

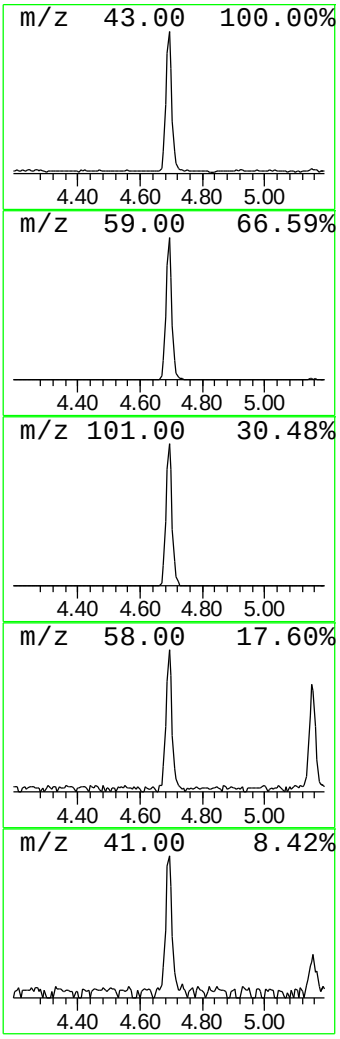
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	10.41 ng	155056	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018046.D
Acq On : 22 Jul 2015 6:43
Operator : TP/UM
Sample : G3027-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-06-1.0-1.5

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

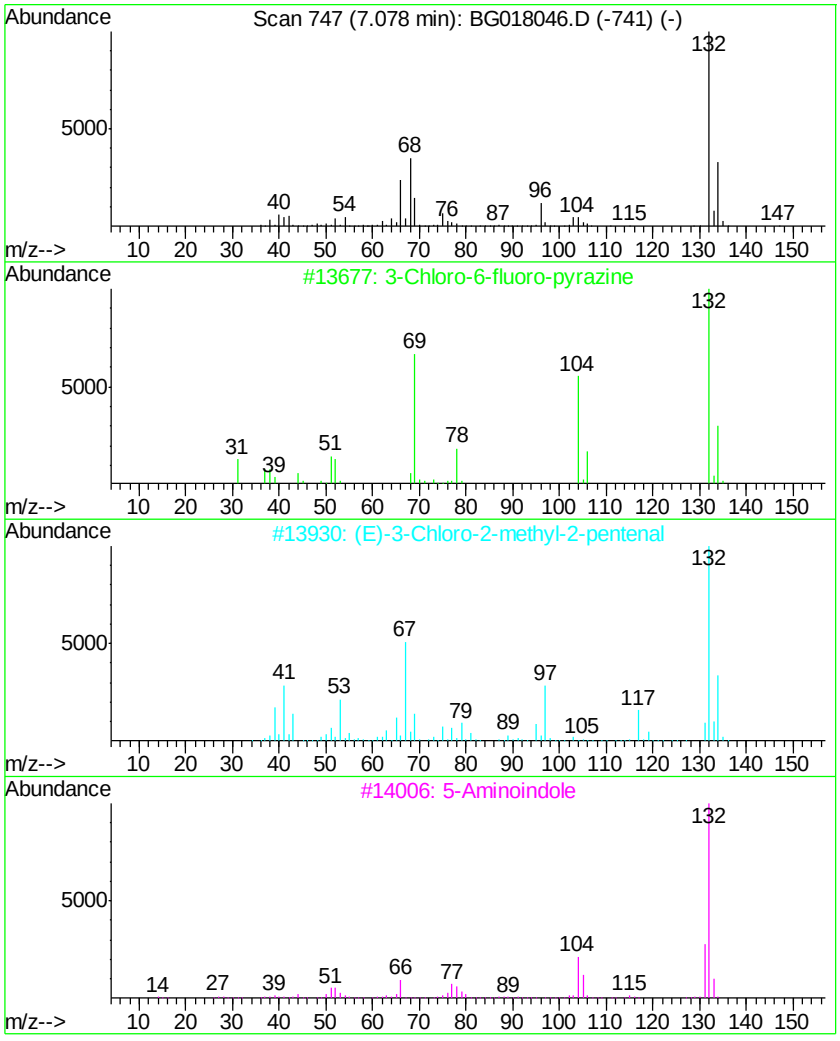
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

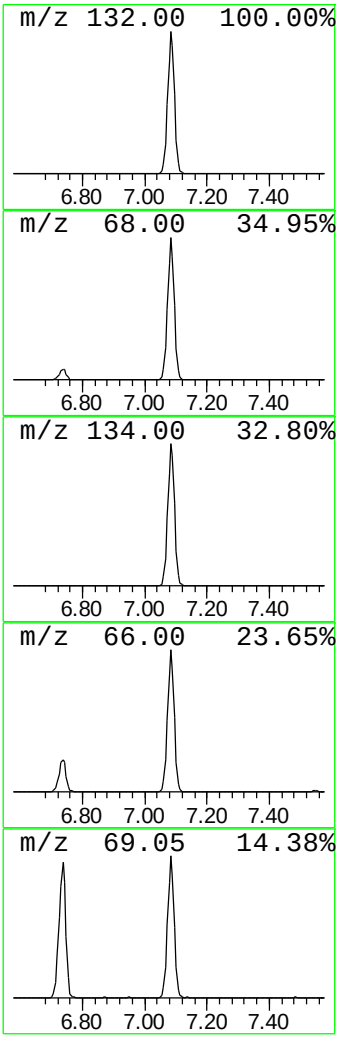
****

Peak Number 2 unknown7.08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	119.05 ng	1773770	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018046.D
Acq On : 22 Jul 2015 6:43
Operator : TP/UM
Sample : G3027-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-06-1.0-1.5

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

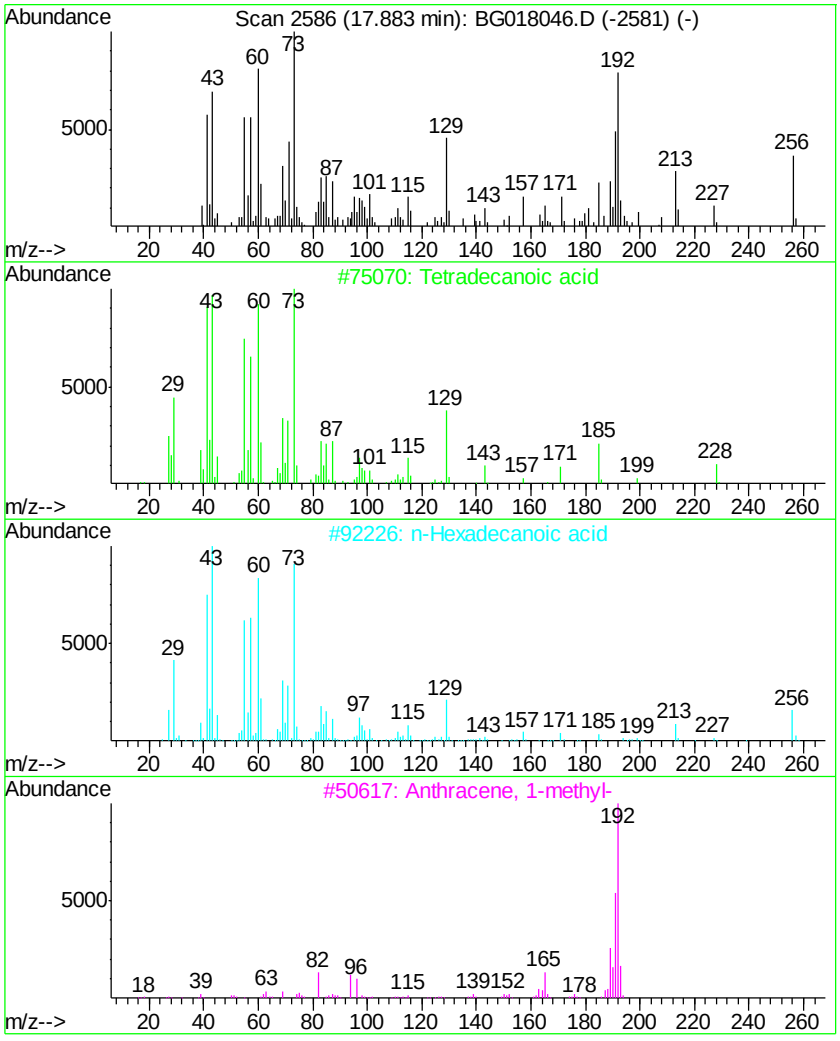
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

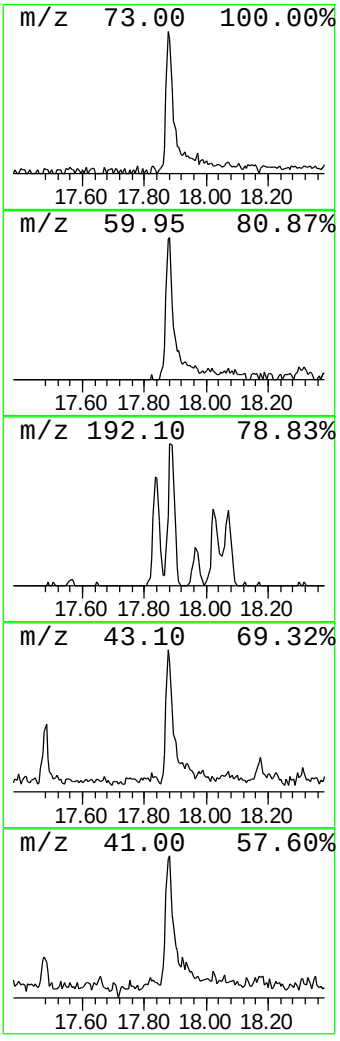
****

Peak Number 4 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	3.25 ng	133137	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	66
5	n-Decanoic acid	172	C10H20O2	000334-48-5	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018046.D
Acq On : 22 Jul 2015 6:43
Operator : TP/UM
Sample : G3027-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-06-1.0-1.5

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

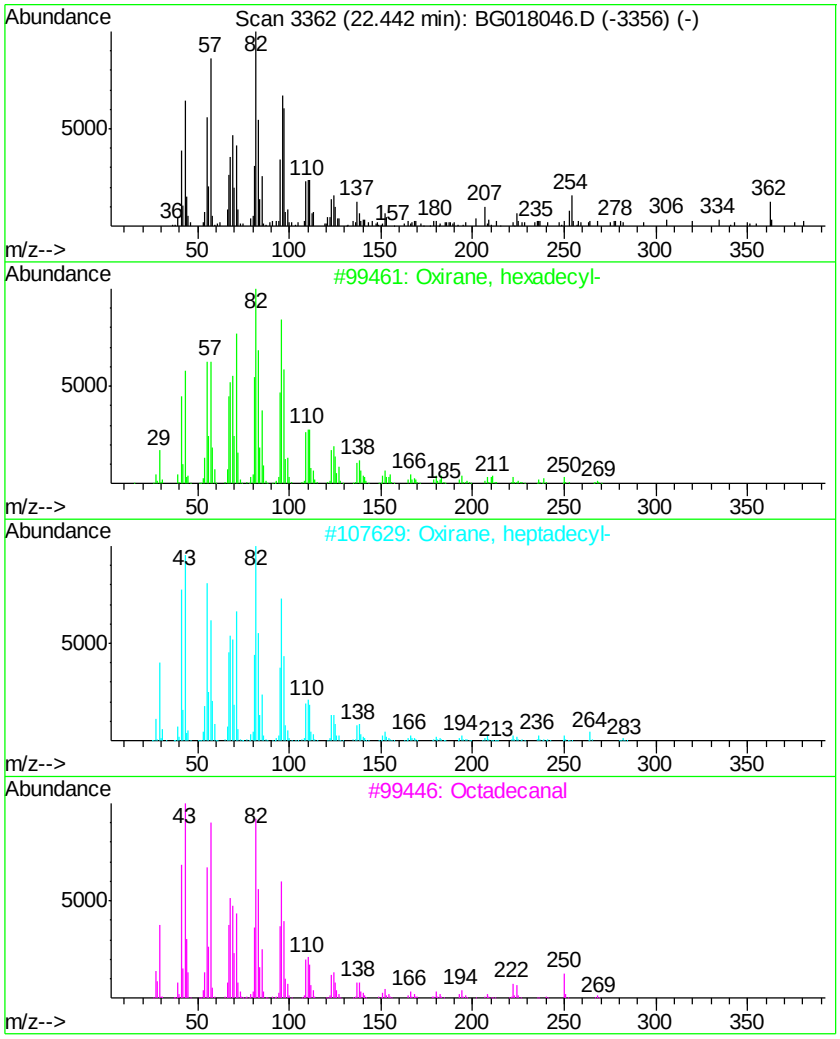
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

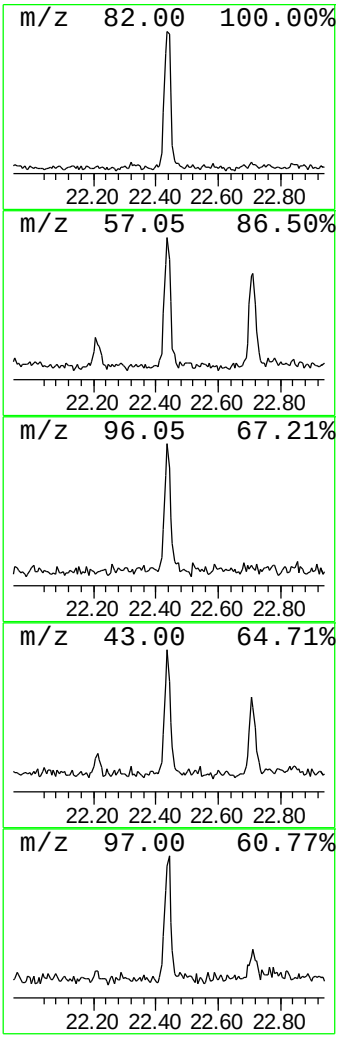
****

Peak Number 5 Oxirane, hexadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	4.32 ng	203976	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	97
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
3	Octadecanal	268	C18H36O	000638-66-4	93
4	1,19-Eicosadiene	278	C20H38	014811-95-1	91
5	16-Octadecenal	266	C18H34O	056554-87-1	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018046.D
Acq On : 22 Jul 2015 6:43
Operator : TP/UM
Sample : G3027-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-06-1.0-1.5

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

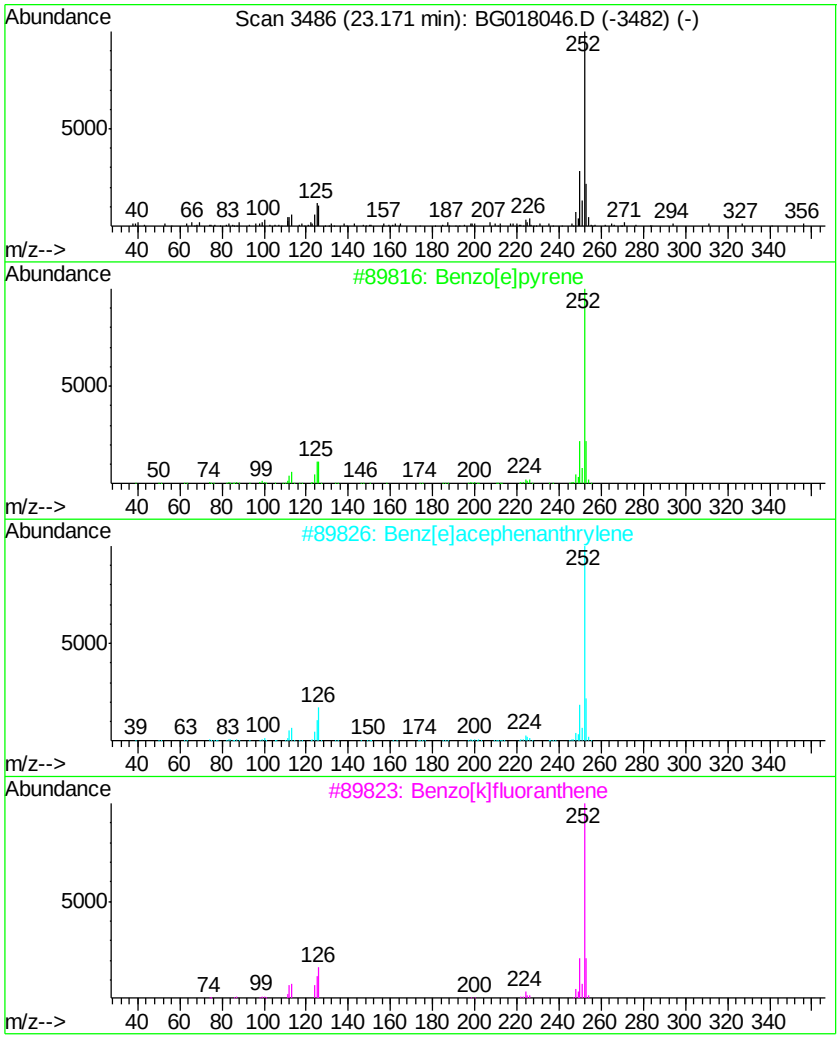
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

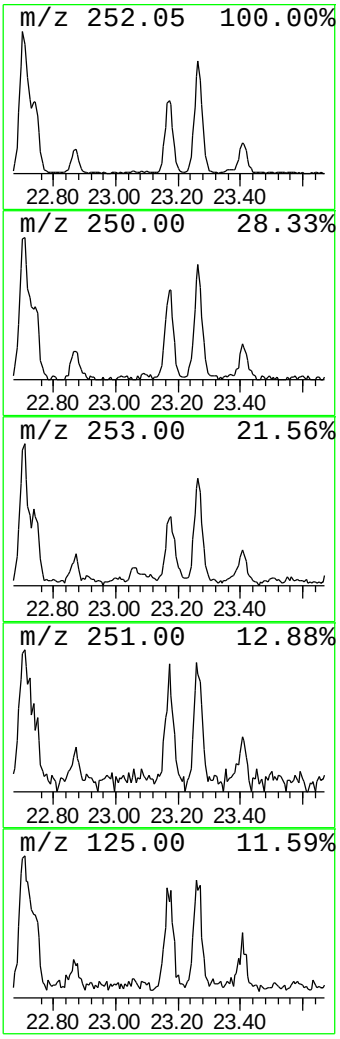
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	2.15 ng	101666	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	83
5	Perylene	252	C20H12	000198-55-0	81





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Data File : BG018046.D
Acq On : 22 Jul 2015 6:43
Operator : TP/UM
Sample : G3027-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-06-1.0-1.5

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

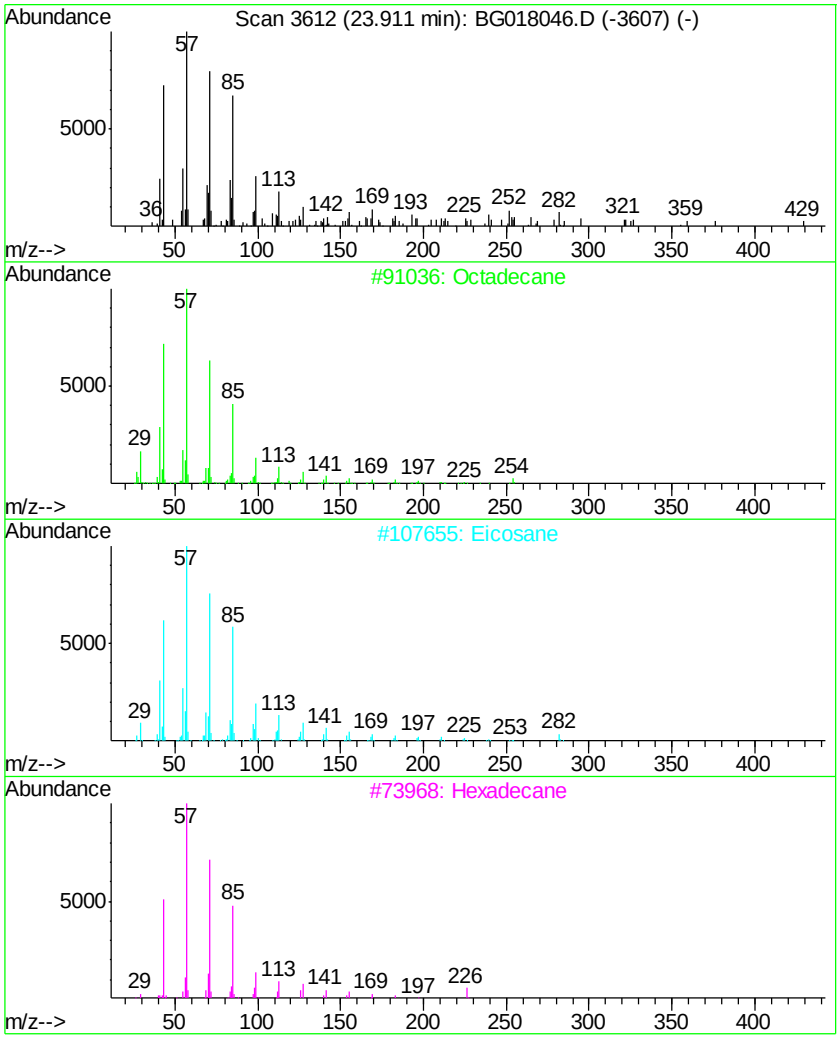
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

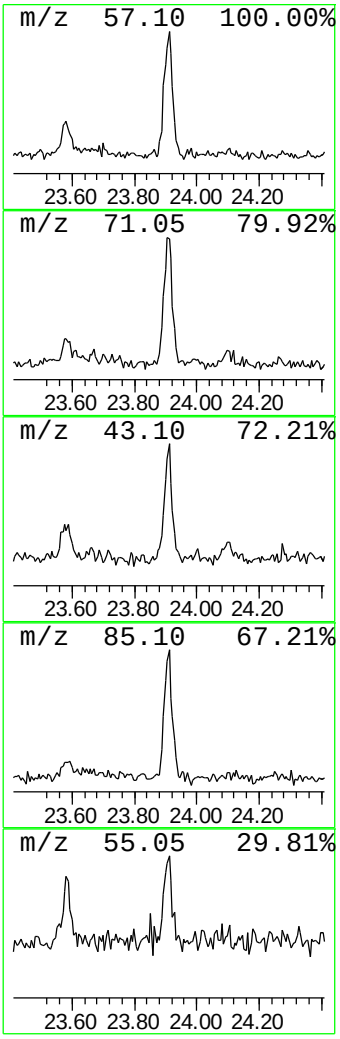
****

Peak Number 7 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	2.29 ng	107967	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	89
4	Nonadecane	268	C19H40	000629-92-5	81
5	Hexacosane	366	C26H54	000630-01-3	80





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Data File : BG018046.D
Acq On : 22 Jul 2015 6:43
Operator : TP/UM
Sample : G3027-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-06-1.0-1.5

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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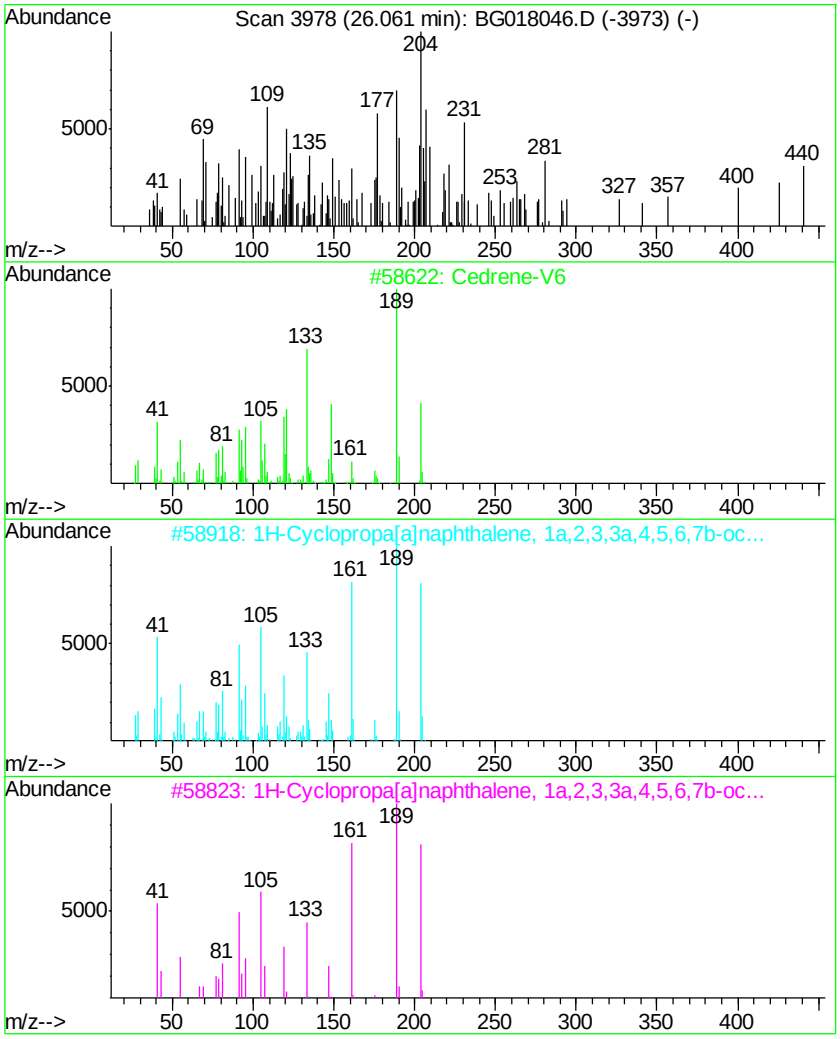
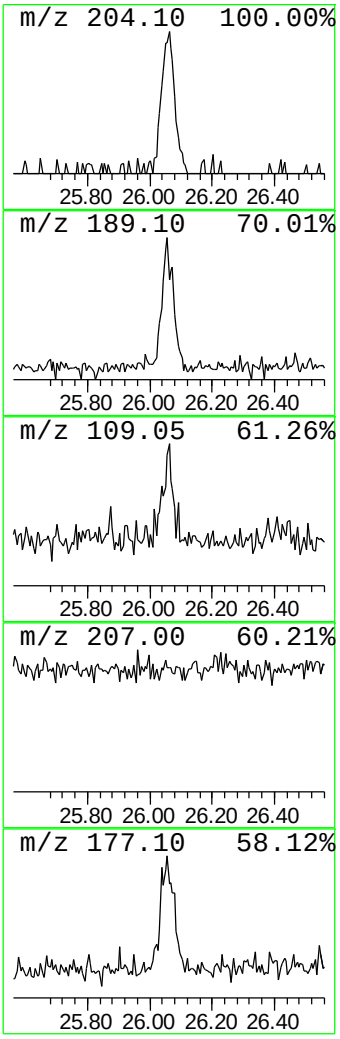
Peak Number 8 unknown26.06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.06	2.16 ng	101779	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrene-V6	204	C15H24	1000162-76-8	30
2	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	25
3	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	1000147-32-8	25
4	5-Amino-7,8-dimethoxyisoquinoline	204	C11H12N2O2	1000213-88-5	22
5	Benzene, 1,3,5-tris(1-methylethyl)-	204	C15H24	000717-74-8	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018046.D
Acq On : 22 Jul 2015 6:43
Operator : TP/UM
Sample : G3027-07
Misc :
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Instrument : BNA_G
ClientSampleId : SB-06-1.0-1.5

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.69	10.4	ng	155056	1	7.55	297993	20.0
unknown7.08	7.08	119.1	ng	1773770	1	7.55	297993	20.0
Tetradecanoic acid	17.88	3.3	ng	133137	4	16.96	820514	20.0
Oxirane, hexadecyl-	22.44	4.3	ng	203976	6	23.36	944534	20.0
Benzo[e]pyrene	23.17	2.1	ng	101666	6	23.36	944534	20.0
Octadecane	23.91	2.3	ng	107967	6	23.36	944534	20.0
unknown26.06	26.06	2.2	ng	101779	6	23.36	944534	20.0