LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022570.D
Acq On : 25 Jun 2016 12:07
Operator : UM/SJ
Sample : H3633-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW11S

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-BG062516.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	5.238	400	408	416	rVB	148515	243172	2.48%	0.513%
2	5.703	481	487	496	rVB	989844	1637822	16.73%	3.457%
3	7.301	753	759	768	rVB	708766	1238486	12.65%	2.614%
4	7.694	818	826	834	rVB	1743159	3067185	31.34%	6.474%
5	8.164	899	906	913	rBV	523007	910977	9.31%	1.923%
6	8.488	954	961	971	rVB	1444714	2614723	26.71%	5.519%
7	9.334	1097	1105	1116	rBV	1410961	2567017	26.23%	5.418%
8	10.990	1379	1387	1402	rVB	725585	1341902	13.71%	2.832%
9	13.423	1791	1801	1809	rBV	3728179	5907199	60.35%	12.468%
10	14.798	2028	2035	2045	rBV2	1178891	1963458	20.06%	4.144%
11	16.290	2281	2289	2297	rBV	3618418	5642561	57.65%	11.910%
12	17.553	2498	2504	2512	rBV	1569422	2561430	26.17%	5.406%
13	18.429	2649	2653	2660	rBV2	230629	360439	3.68%	0.761%
14	19.193	2779	2783	2792	rVB	171148	223376	2.28%	0.471%
15	19.698	2865	2869	2874	rBV	255801	350551	3.58%	0.740%
16	19.845	2890	2894	2898	rBV3	139582	174863	1.79%	0.369%
17	20.162	2941	2948	2953	rBV	7243895	9787988	100.00%	20.660%
18	20.885	3068	3071	3077	rBV5	90062	123627	1.26%	0.261%
19	21.478	3169	3172	3177	rBV7	95301	149919	1.53%	0.316%
20	21.725	3211	3214	3219	rVB3	111973	158347	1.62%	0.334%
21	21.854	3229	3236	3242	rVB2	1714390	2975840	30.40%	6.281%
22	23.076	3439	3444	3448	rVB3	299837	476085	4.86%	1.005%
23	25.215	3799	3808	3820	rVB2	980921	2900303	29.63%	6.122%

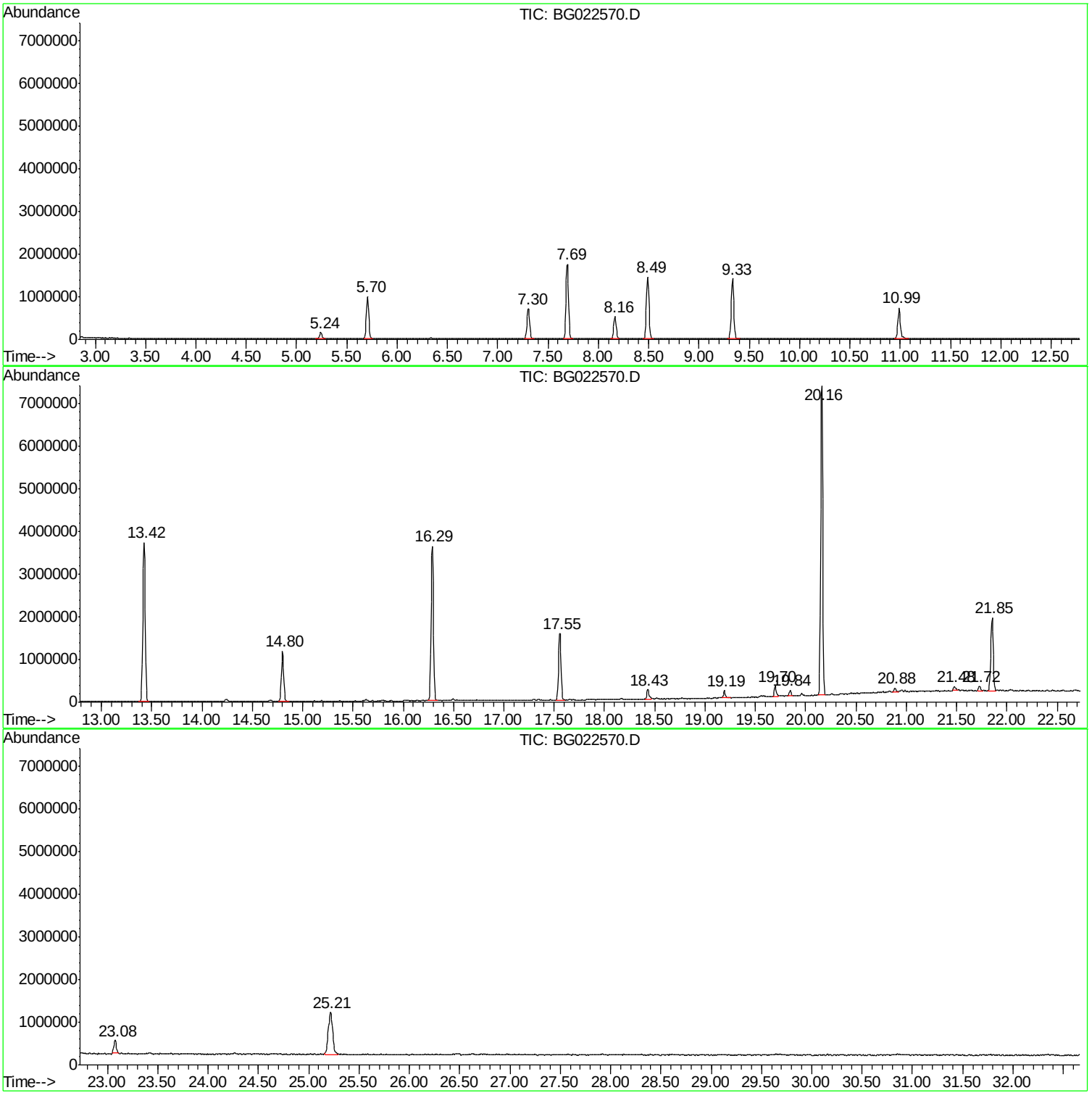
Sum of corrected areas: 47377270

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022570.D
Acq On : 25 Jun 2016 12:07
Operator : UM/SJ
Sample : H3633-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEPMW11S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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\BG062516\
Data File : BG022570.D
Acq On : 25 Jun 2016 12:07
Operator : UM/SJ
Sample : H3633-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW11S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

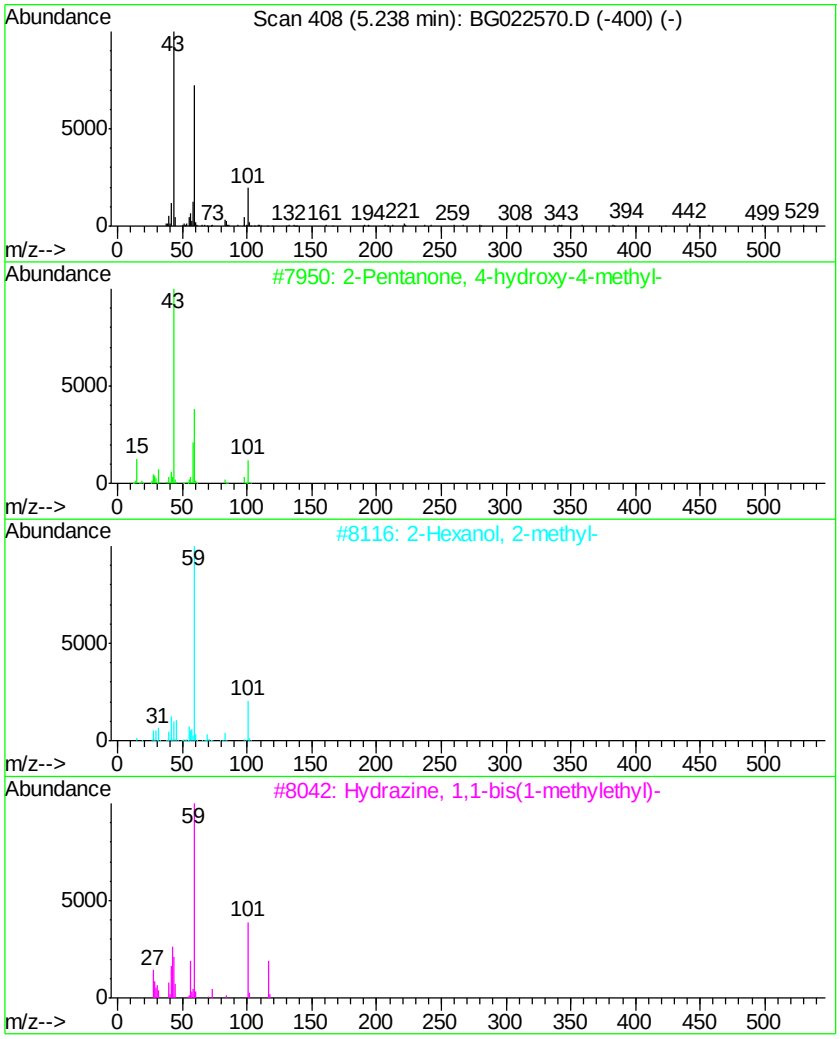
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

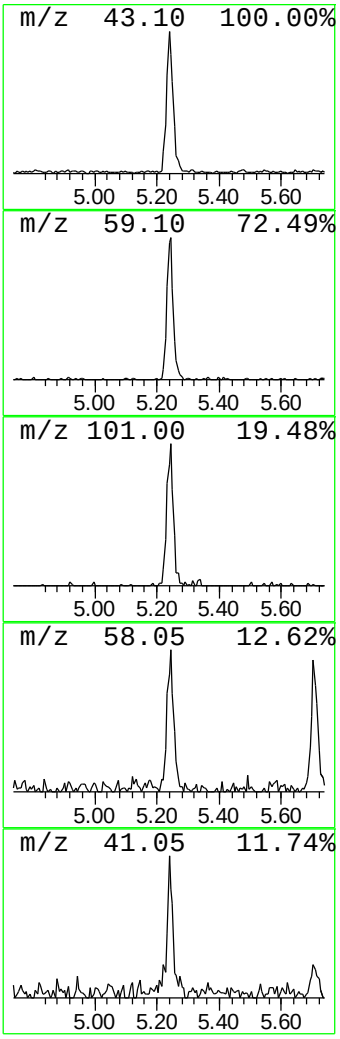
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	5.34 ng	243172	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	42
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	42
4	7-Deoxy-7-iodo-1-O-methylheptulo...	358	C11H19IO5	1000196-08-5	40
5	3-Tridecanol	200	C13H28O	010289-68-6	28





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022570.D
Acq On : 25 Jun 2016 12:07
Operator : UM/SJ
Sample : H3633-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW11S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

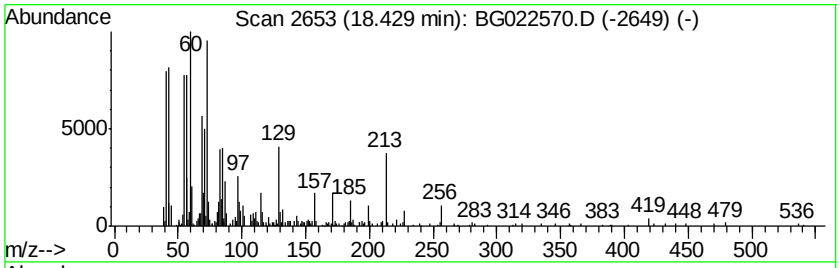
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

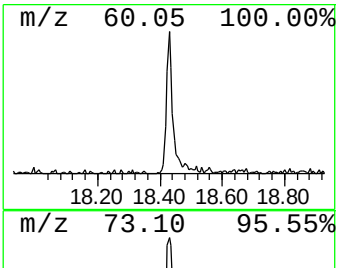
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.81 ng	360439	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Undecanoic acid	186	C11H22O2	000112-37-8	52
5	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022570.D
Acq On : 25 Jun 2016 12:07
Operator : UM/SJ
Sample : H3633-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW11S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

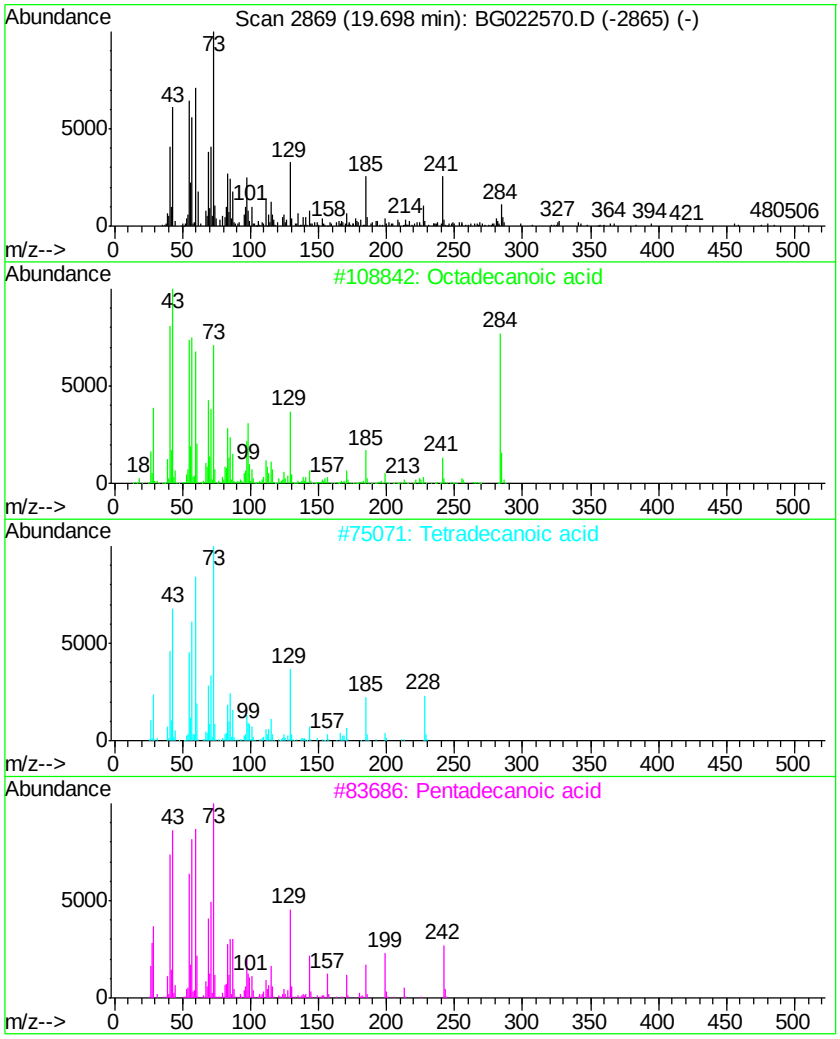
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

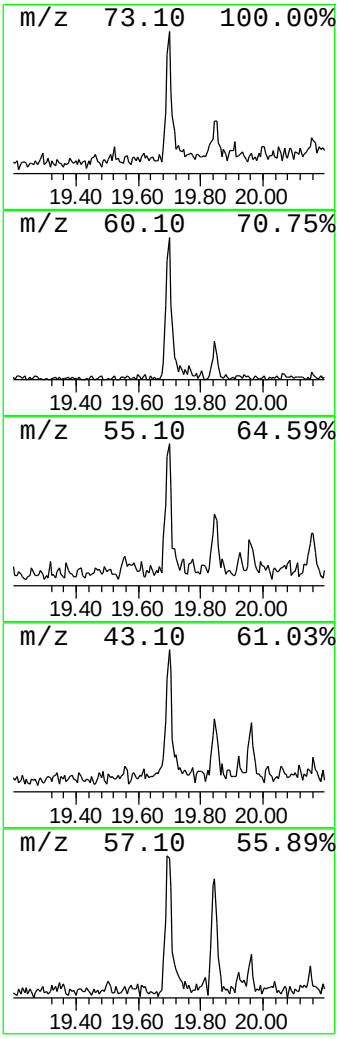
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.74 ng	350551	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	89
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	43
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022570.D
Acq On : 25 Jun 2016 12:07
Operator : UM/SJ
Sample : H3633-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW11S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

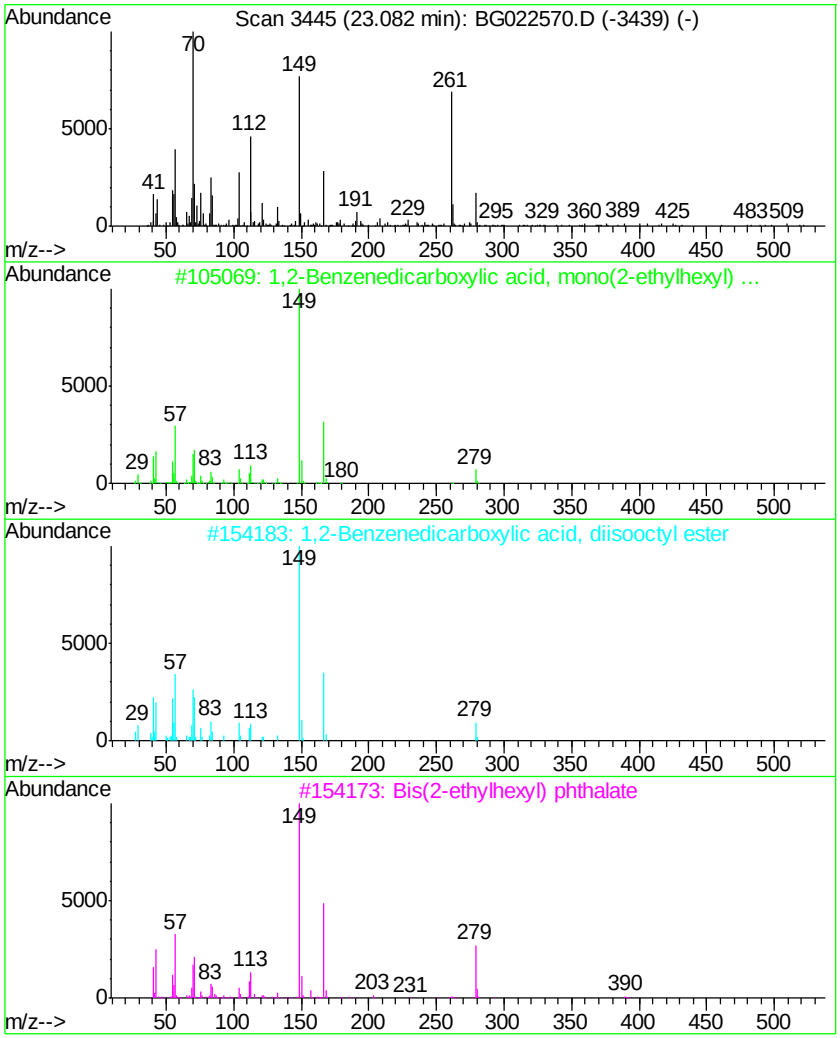
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

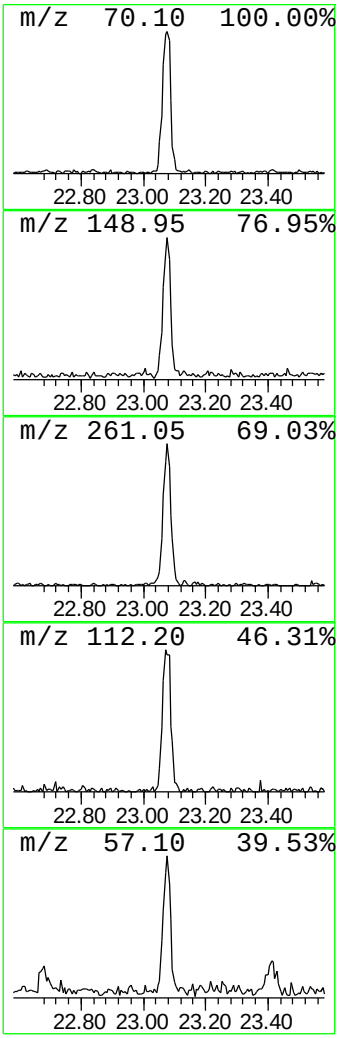
****

Peak Number 6 unknown23.08 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.08	3.20 ng	476085	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	22
2	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	22
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	22
4	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	14
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022570.D
Acq On : 25 Jun 2016 12:07
Operator : UM/SJ
Sample : H3633-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW11S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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...	5.24	5.3	ng	243172	1	8.16	910977	20.0
n-Hexadecanoic acid	18.43	2.8	ng	360439	4	17.55	2561430	20.0
Octadecanoic acid	19.70	2.7	ng	350551	4	17.55	2561430	20.0
unknown23.08	23.08	3.2	ng	476085	5	21.85	2975840	20.0