LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022987.D
Acq On : 10 Jul 2016 6:09
Operator : UM/SJ
Sample : H3915-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B4-6-12-C

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-BG070816.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	3.037	29	34	51	rBV	4164097	6195099	69.27%	9.497%
2	3.807	162	165	173	rBV	56955	94089	1.05%	0.144%
3	5.223	401	406	416	rBV	141078	226155	2.53%	0.347%
4	5.699	478	487	495	rBV	2183545	3602462	40.28%	5.522%
5	7.308	753	761	770	rBV	2513184	4437031	49.61%	6.802%
6	7.679	813	824	834	rBV	2276730	4054523	45.34%	6.215%
7	8.149	897	904	914	rBV	365748	646257	7.23%	0.991%
8	8.478	952	960	968	rBV	1596280	2762908	30.89%	4.235%
9	9.324	1094	1104	1113	rBV	1552737	2802005	31.33%	4.295%
10	10.981	1377	1386	1393	rBV	545775	1021940	11.43%	1.567%
11	13.413	1793	1800	1808	rBV	3999052	6382899	71.37%	9.785%
12	14.236	1933	1940	1948	rBV	939265	1355164	15.15%	2.077%
13	14.800	2027	2036	2044	rBV2	1039004	1745621	19.52%	2.676%
14	16.286	2283	2289	2301	rBV	4271494	6612499	73.94%	10.137%
15	17.549	2496	2504	2512	rBV	1445624	2225830	24.89%	3.412%
16	18.419	2647	2652	2663	rBV2	227330	367931	4.11%	0.564%
17	19.682	2863	2867	2872	rBV	197922	323358	3.62%	0.496%
18	19.835	2884	2893	2894	rBV8	127291	269682	3.02%	0.413%
19	20.076	2930	2934	2941	rVV7	103594	262351	2.93%	0.402%
20	20.152	2942	2947	2957	rVB	6607816	8943237	100.00%	13.710%
21	21.451	3150	3168	3193	rVB7	935599	5995804	67.04%	9.191%
22	21.844	3229	3235	3242	rBV2	1435183	2459278	27.50%	3.770%
23	25.205	3797	3807	3822	rVB2	815118	2446695	27.36%	3.751%

Sum of corrected areas: 65232818

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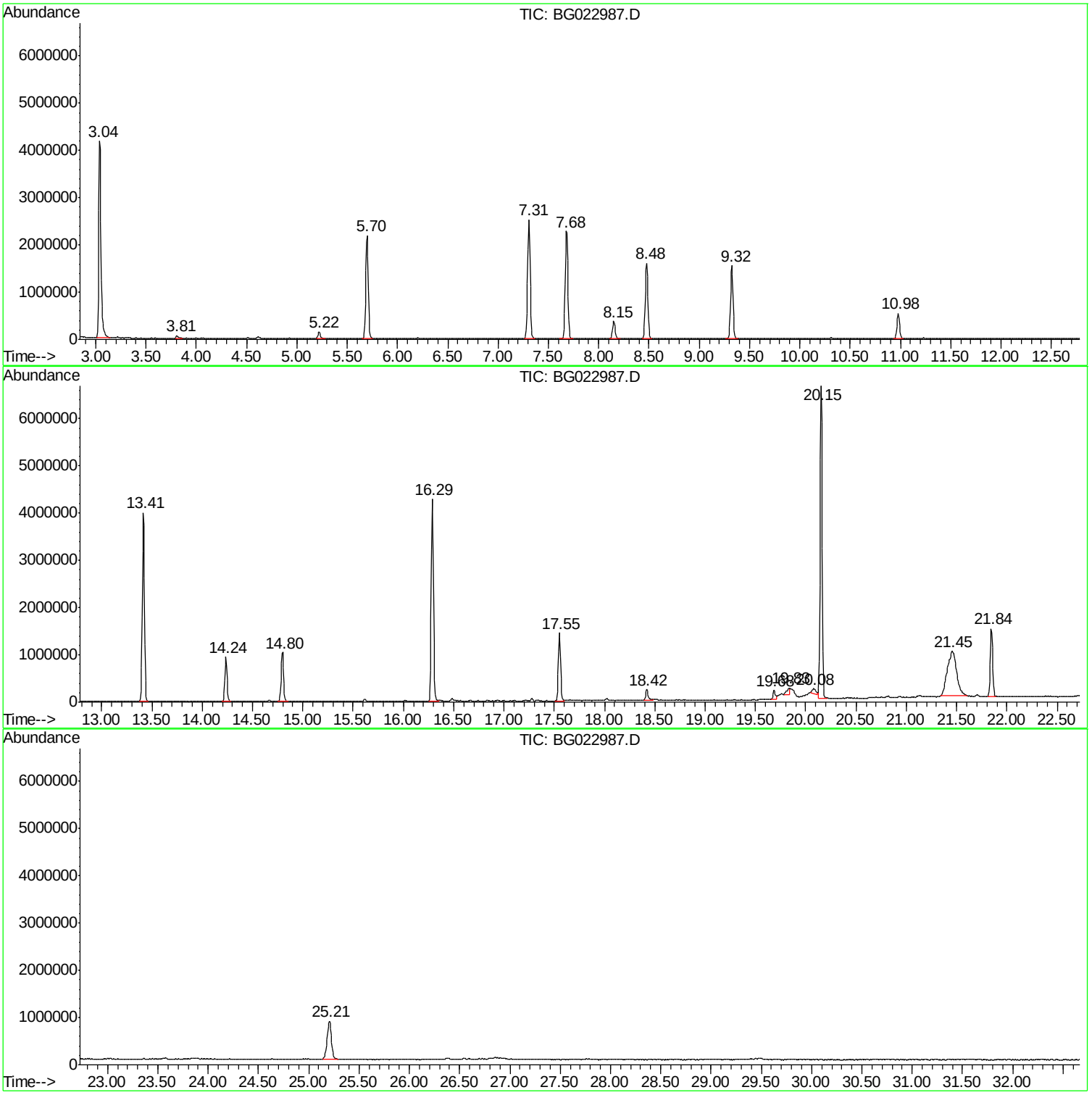
Instrument :
BNA_G
ClientSampleId :
P7-B4-6-12-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

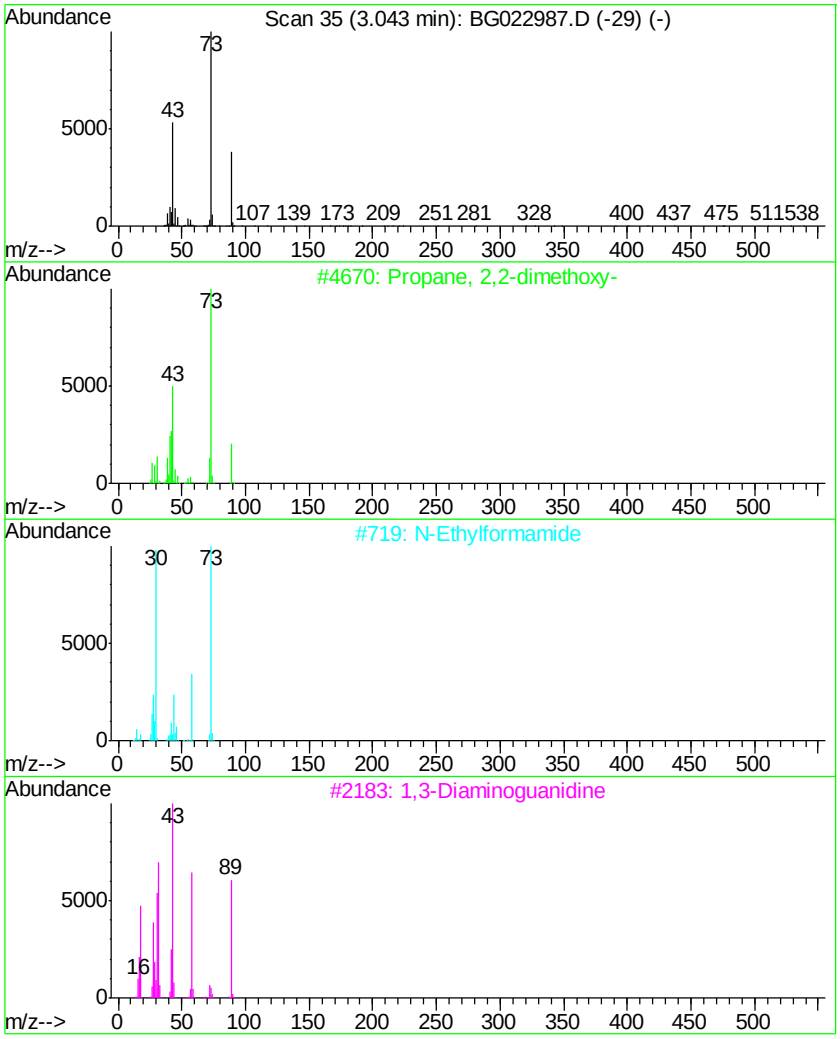
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

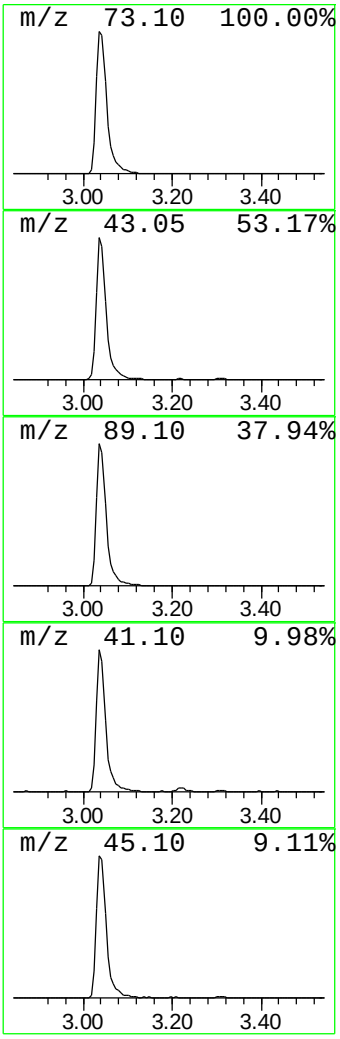
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	191.72 ng	6195100	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Operator : UM/SJ
Sample : H3915-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B4-6-12-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

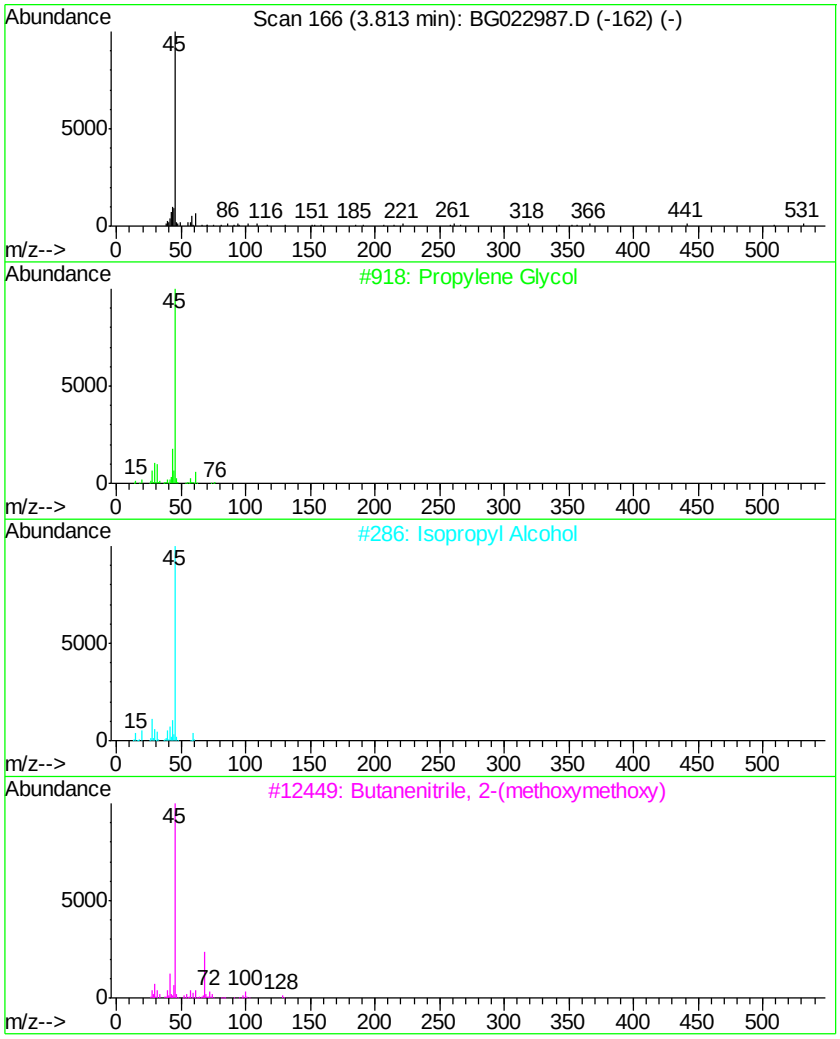
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

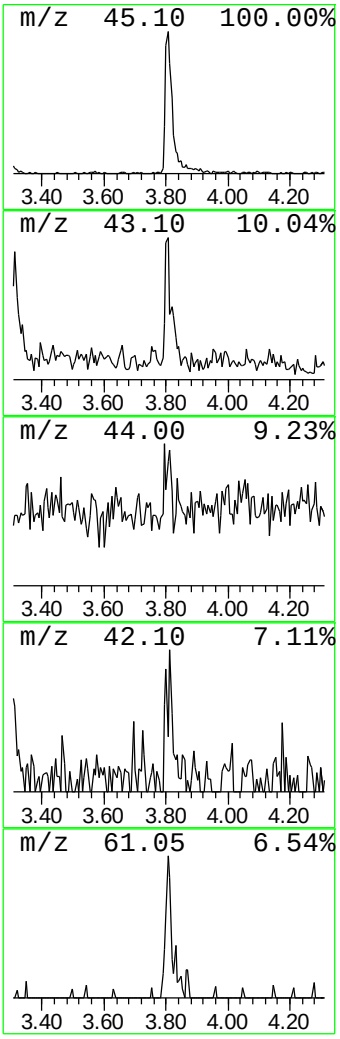
****

Peak Number 2 Propylene Glycol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	2.91 ng	94089	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
3	Butanenitrile, 2-(methoxymethoxy)	129	C6H11NO2	1000196-86-5	39
4	(2R,4R)-(-)-Pentanediol	104	C5H12O2	042075-32-1	39
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	39





Library Search Compound Report

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Data File : BG022987.D
Acq On : 10 Jul 2016 6:09
Operator : UM/SJ
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Misc :
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Instrument :
BNA_G
ClientSampleId :
P7-B4-6-12-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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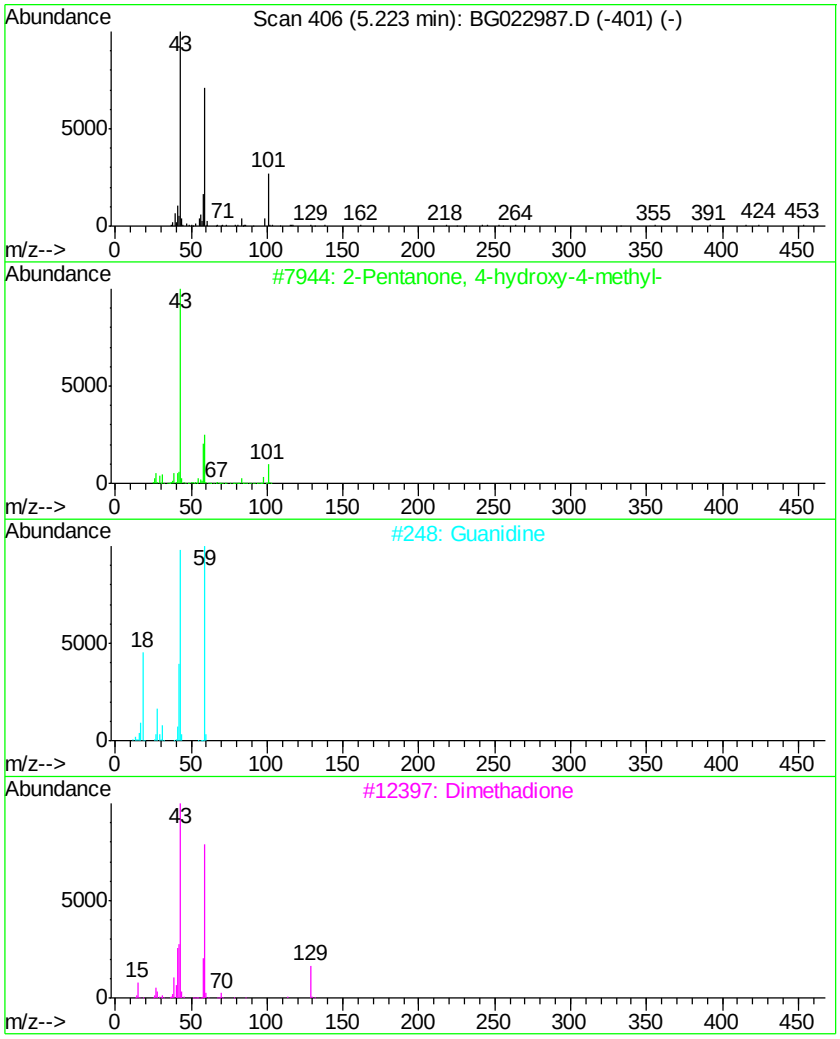
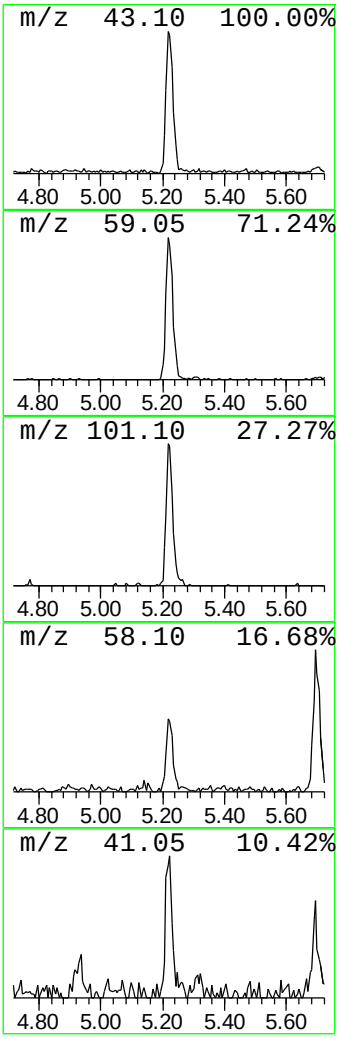
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	7.00 ng	226155	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Guanidine	59	CH5N3	000113-00-8	43
3	Dimethadione	129	C5H7NO3	000695-53-4	33
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B4-6-12-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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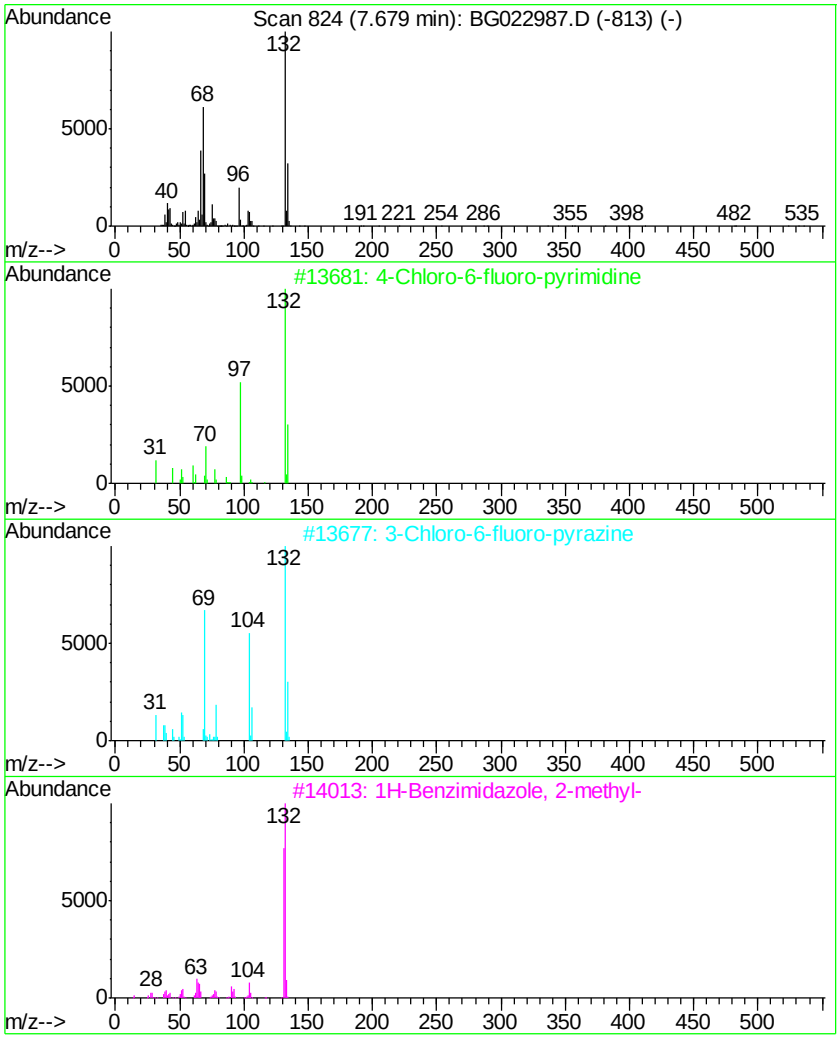
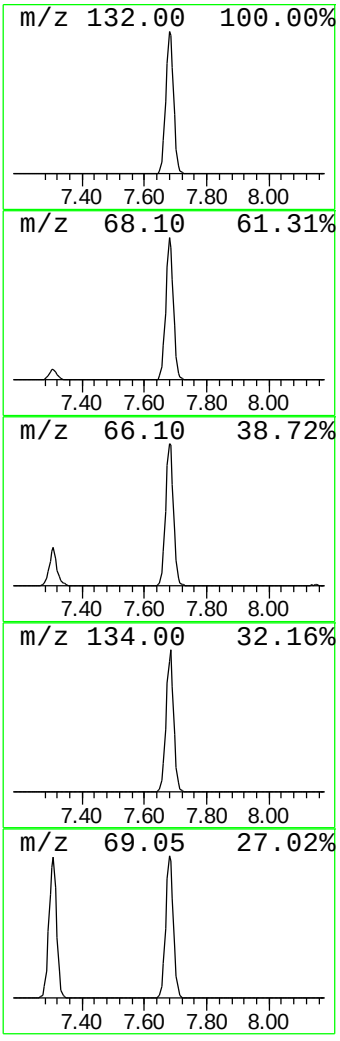
Peak Number 4 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	125.48 ng	4054520	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





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Acq On : 10 Jul 2016 6:09
Operator : UM/SJ
Sample : H3915-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B4-6-12-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
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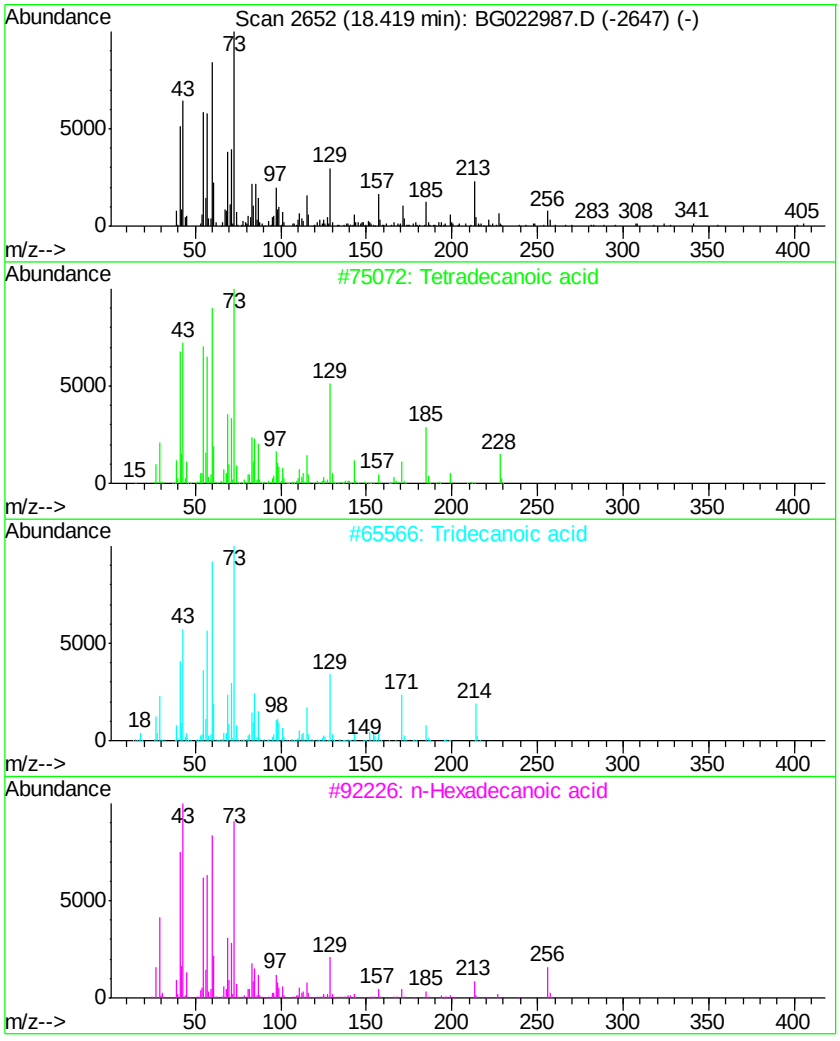
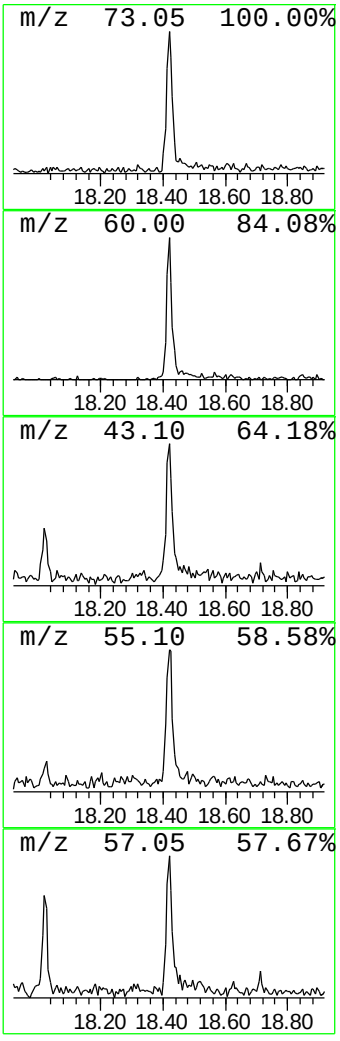
****

Peak Number 6 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.31 ng	367931	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	Dodecanoic acid	200	C12H24O2	000143-07-7	62
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





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Sample : H3915-17
Misc :
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Instrument : BNA_G
ClientSampleId : P7-B4-6-12-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

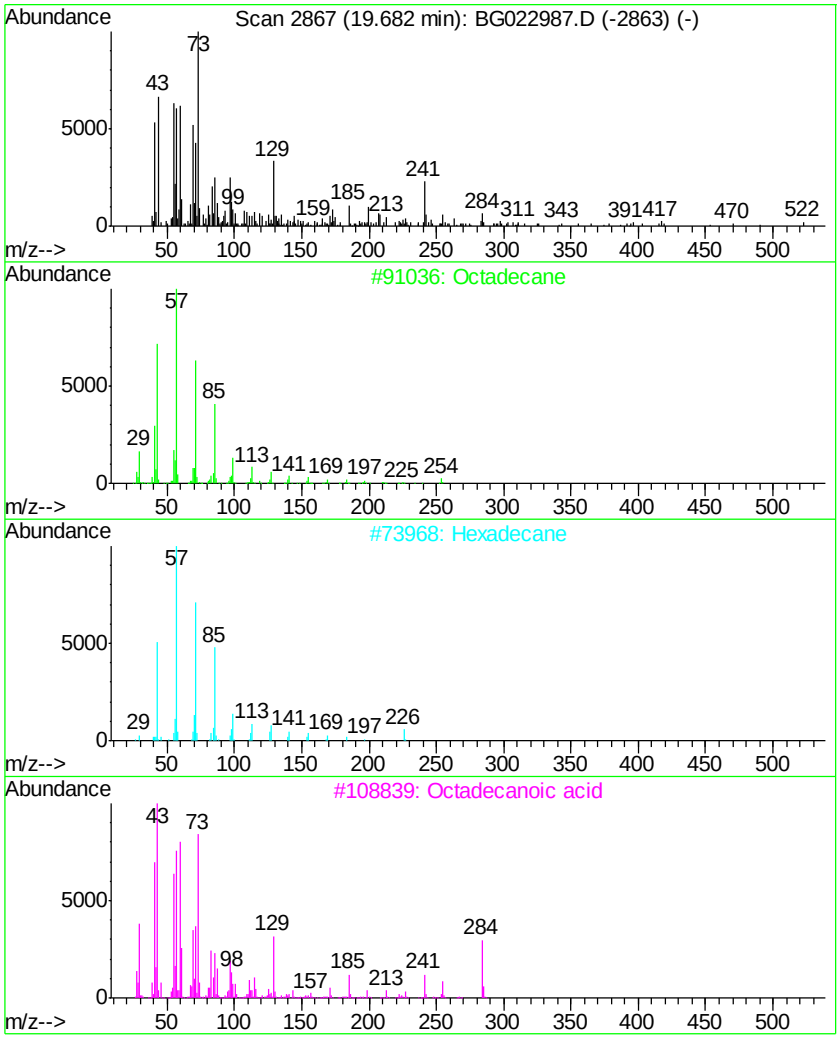
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

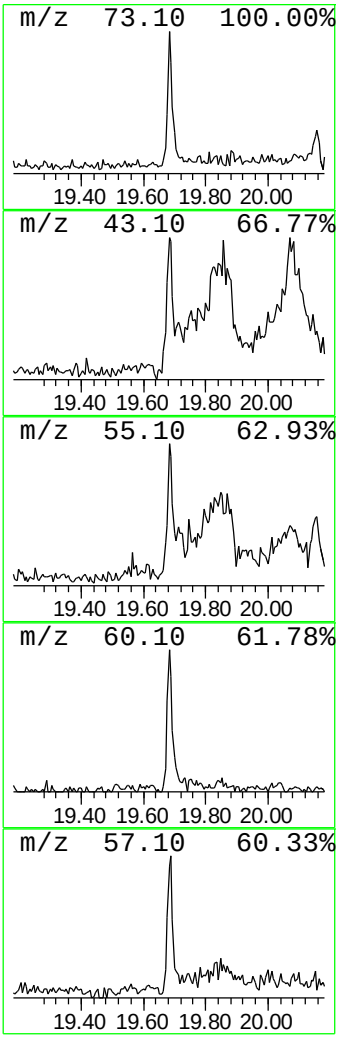
****

Peak Number 7 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.91 ng	323358	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	64
2	Hexadecane	226	C16H34	000544-76-3	60
3	Octadecanoic acid	284	C18H36O2	000057-11-4	58
4	Hexacosanoic acid	396	C26H52O2	000506-46-7	45
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	45





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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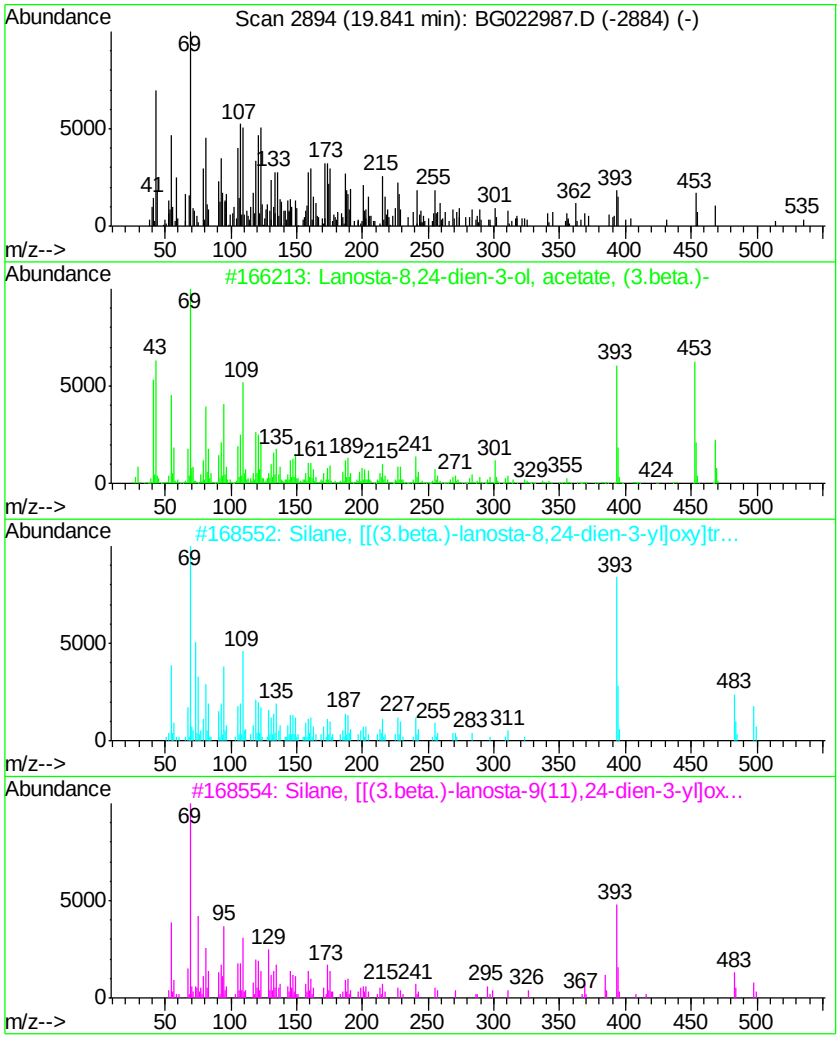
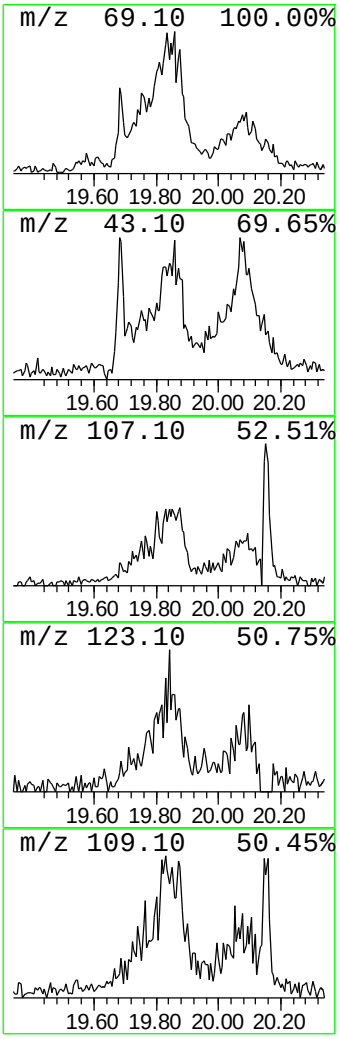
****

Peak Number 8 Lanosta-8,24-dien-3-ol, ace... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.19 ng	269682	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lanosta-8,24-dien-3-ol, acetate,...	468	C32H52O2	002671-68-3	78
2	Silane, [[(3.beta.)-lanosta-8,24...	498	C33H58OSi	055493-84-0	59
3	Silane, [[(3.beta.)-lanosta-9(11...	498	C33H58OSi	055538-95-9	42
4	Cyclohexanone, 2-(1-mercapto-1-m...	186	C10H18OS	035117-85-2	37
5	1,3,5-Triazine, 2-allylamino-4,6...	468	C12H8F12N4O2	304883-23-6	32





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Instrument : BNA_G
ClientSampleId : P7-B4-6-12-C

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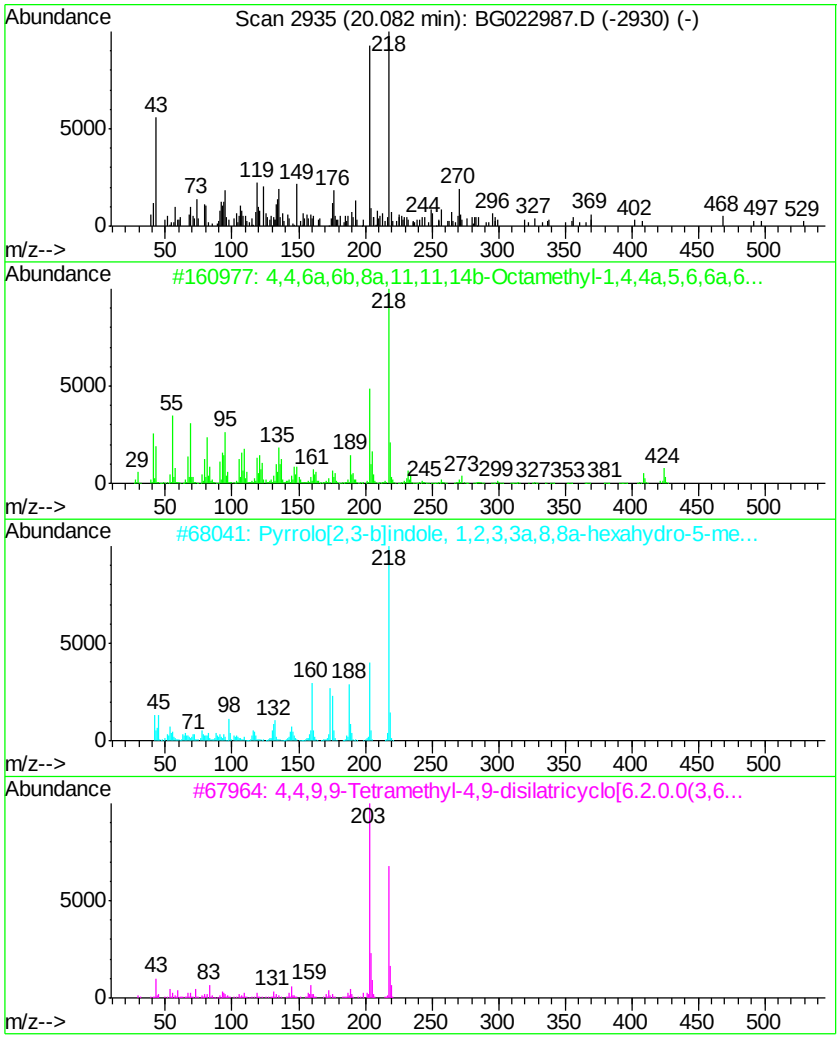
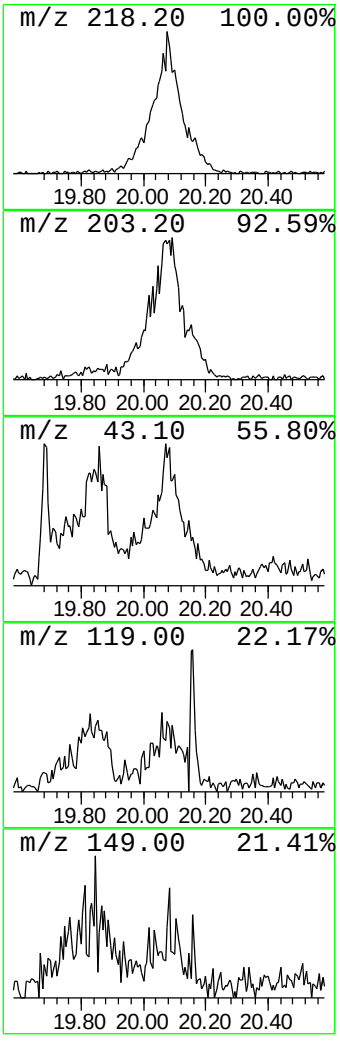
****

Peak Number 9 4,4,6a,6b,8a,11,11,14b-Octa... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	2.13 ng	262351	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	72
2	Pyrrolo[2,3-b]indole, 1,2,3,3a,8...	218	C13H18N2O	046479-70-3	50
3	4,4,9,9-Tetramethyl-4,9-disilatr...	218	C12H18Si2	1000280-67-7	43
4	1-Hydroxypyrene	218	C16H10O	005315-79-7	38
5	1-(2-Nitrobenzyl)isoquinoline	264	C16H12N2O2	017750-45-7	38





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TIC Library : C:\DATABASE\NIST02.L
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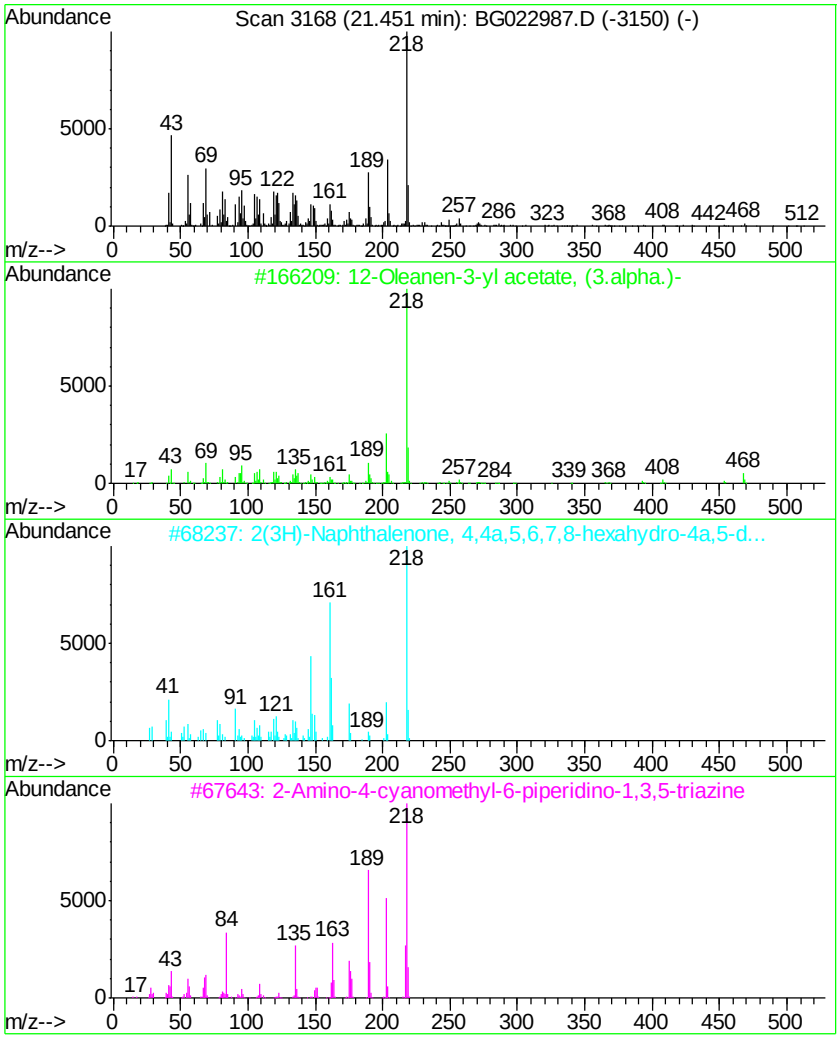
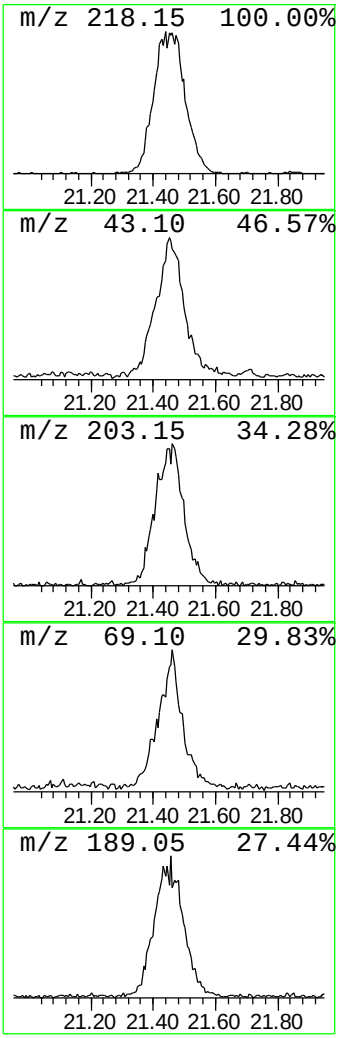
Peak Number 10 12-Oleanen-3-yl acetate, (3... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	48.76 ng	5995800	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Oleanen-3-yl acetate, (3.alph...	468	C32H52O2	033055-28-6	91
2	2(3H)-Naphthalenone, 4,4a,5,6,7,...	218	C15H22O	019598-45-9	86
3	2-Amino-4-cyanomethyl-6-piperidi...	218	C10H14N6	1000241-05-9	80
4	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	76
5	Urs-12-en-3-ol, acetate, (3.beta.)-	468	C32H52O2	000863-76-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022987.D
Acq On : 10 Jul 2016 6:09
Operator : UM/SJ
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Misc :
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	3.04	191.7	ng	6195100	1	8.15	646257	20.0
Propylene Glycol	3.81	2.9	ng	94089	1	8.15	646257	20.0
2-Pentanone, 4-hy...	5.22	7.0	ng	226155	1	8.15	646257	20.0
unknown7.68	7.68	125.5	ng	4054520	1	8.15	646257	20.0
Tetradecanoic acid	18.42	3.3	ng	367931	4	17.55	2225830	20.0
Octadecane	19.68	2.9	ng	323358	4	17.55	2225830	20.0
Lanosta-8,24-dien...	19.84	2.2	ng	269682	5	21.84	2459280	20.0
4,4,6a,6b,8a,11,1...	20.08	2.1	ng	262351	5	21.84	2459280	20.0
12-Oleanen-3-yl a...	21.45	48.8	ng	5995800	5	21.84	2459280	20.0