LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018764.D
Acq On : 18 Sep 2015 12:06
Operator : TP
Sample : G3706-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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-BG091115.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	3.102	40	45	53	rBV	58765	96488	2.75%	0.505%
2	3.178	53	58	75	rVB	1299634	1743836	49.64%	9.120%
3	5.100	380	385	397	rBV	92384	140421	4.00%	0.734%
4	5.576	459	466	476	rVB	311251	498512	14.19%	2.607%
5	7.162	729	736	746	rBV	206922	350743	9.98%	1.834%
6	7.532	792	799	808	rBV	665292	1119950	31.88%	5.857%
7	8.002	871	879	886	rBV	146359	240881	6.86%	1.260%
8	8.325	925	934	942	rBV	630592	1052181	29.95%	5.503%
9	9.160	1067	1076	1084	rBV	524371	910308	25.91%	4.761%
10	10.805	1348	1356	1366	rVB	221384	394865	11.24%	2.065%
11	13.249	1762	1772	1784	rBV	1671068	2656413	75.62%	13.893%
12	14.071	1906	1912	1917	rBV	106901	148473	4.23%	0.777%
13	14.630	2000	2007	2015	rVB2	409015	655444	18.66%	3.428%
14	16.110	2253	2259	2270	rBV	1388994	2105942	59.95%	11.014%
15	17.368	2466	2473	2482	rBV2	575166	851809	24.25%	4.455%
16	18.255	2619	2624	2634	rBV2	152673	251703	7.17%	1.316%
17	18.337	2634	2638	2644	rVB7	24354	44635	1.27%	0.233%
18	19.524	2836	2840	2848	rBV2	106561	173533	4.94%	0.908%
19	19.976	2911	2917	2930	rBV	2699200	3512771	100.00%	18.372%
20	20.417	2988	2992	3001	rVB	121300	190032	5.41%	0.994%
21	21.275	3134	3138	3144	rBV5	38266	71937	2.05%	0.376%
22	21.627	3191	3198	3206	rBV	604481	958366	27.28%	5.012%
23	23.284	3477	3480	3486	rVB4	19646	35732	1.02%	0.187%
24	24.818	3731	3741	3753	rVB2	330257	915646	26.07%	4.789%

Sum of corrected areas: 19120621

LSC Report - Integrated Chromatogram

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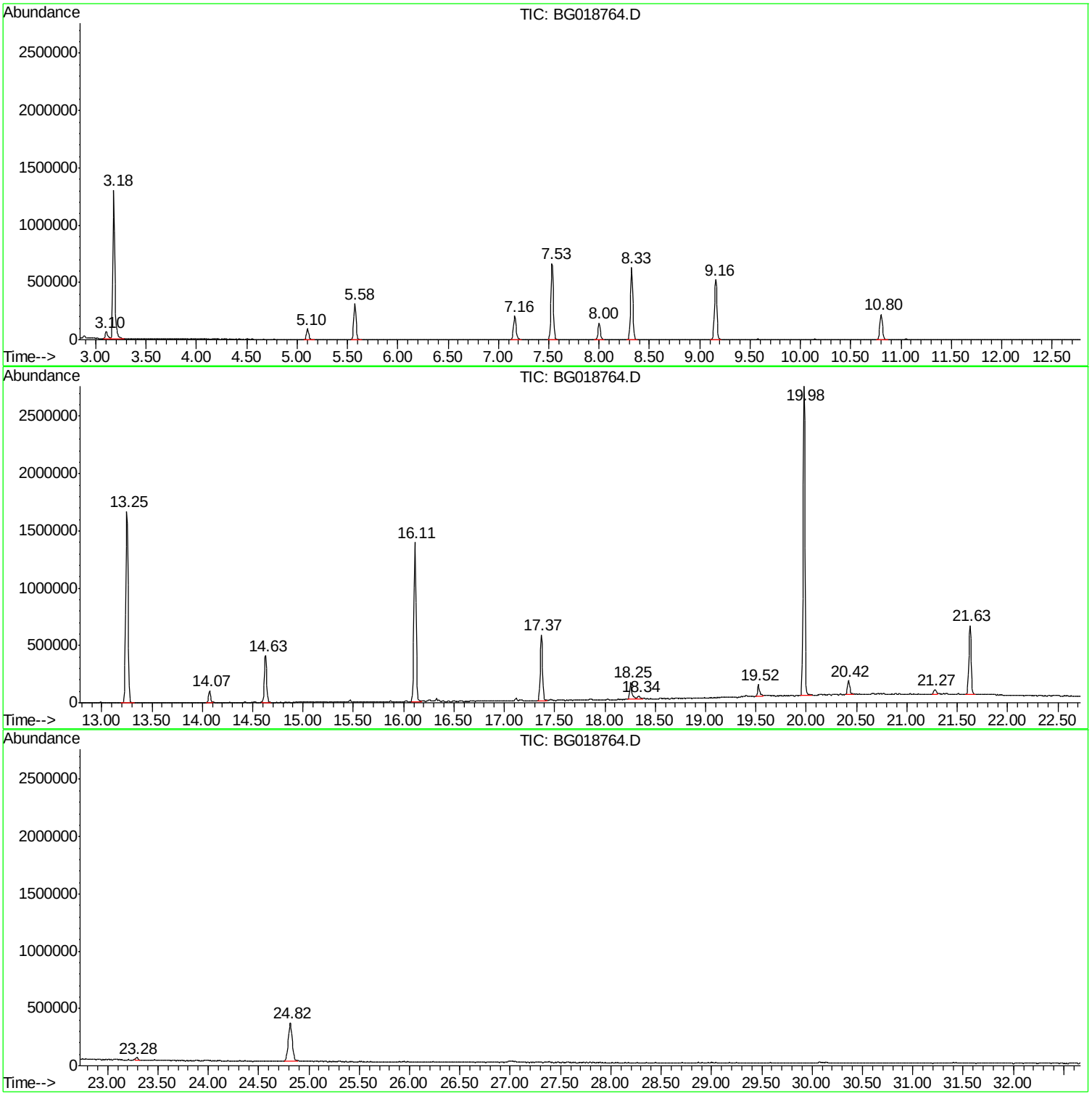
Operator : TP
Sample : G3706-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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\BG091915\
Data File : BG018764.D
Acq On : 18 Sep 2015 12:06
Operator : TP
Sample : G3706-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

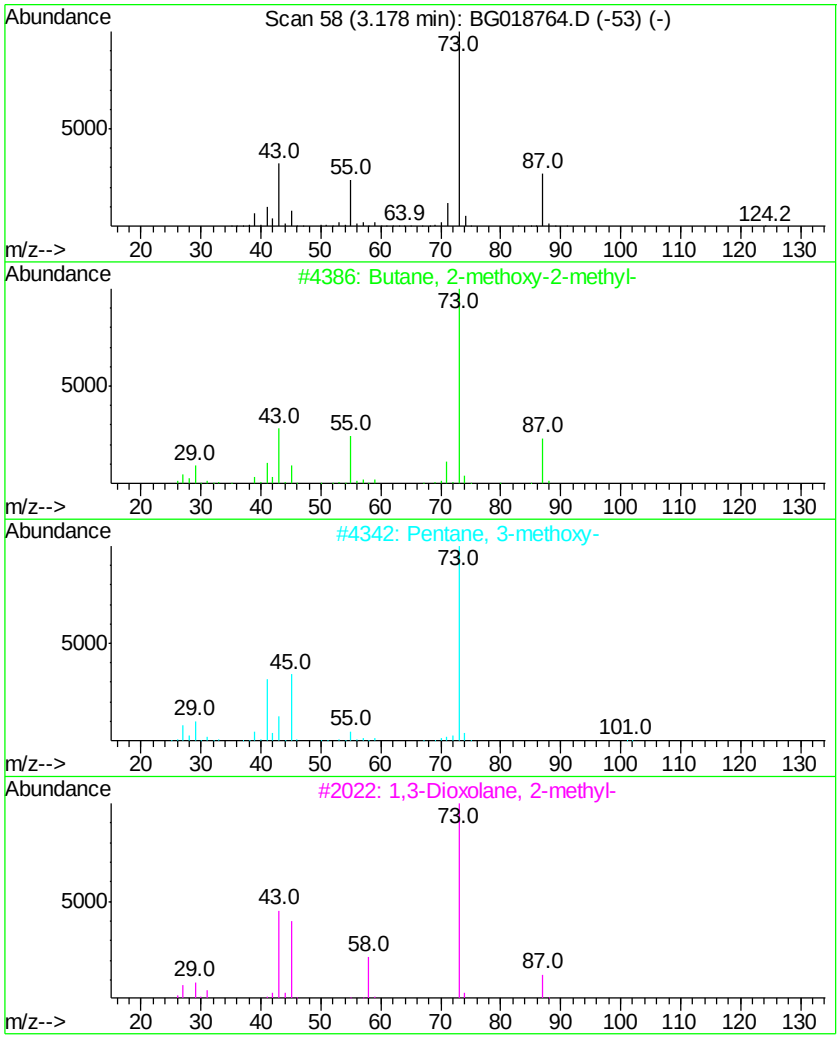
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

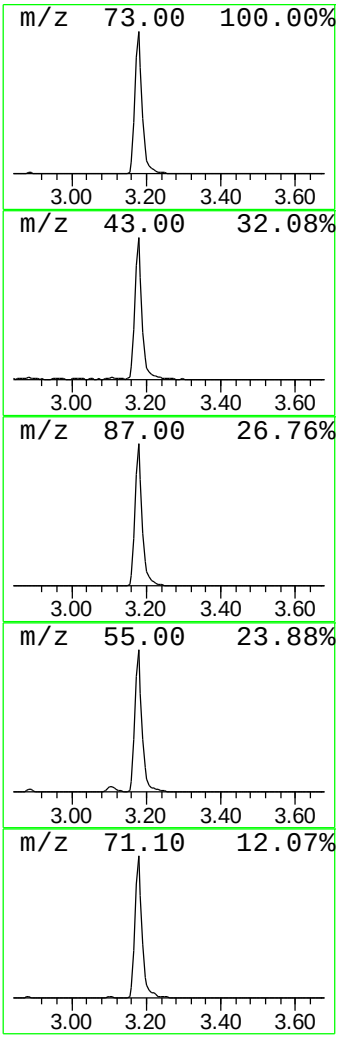
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	144.79 ng	1743840	1,4-Dichlorobenzene-d4	8.00

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018764.D
Acq On : 18 Sep 2015 12:06
Operator : TP
Sample : G3706-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

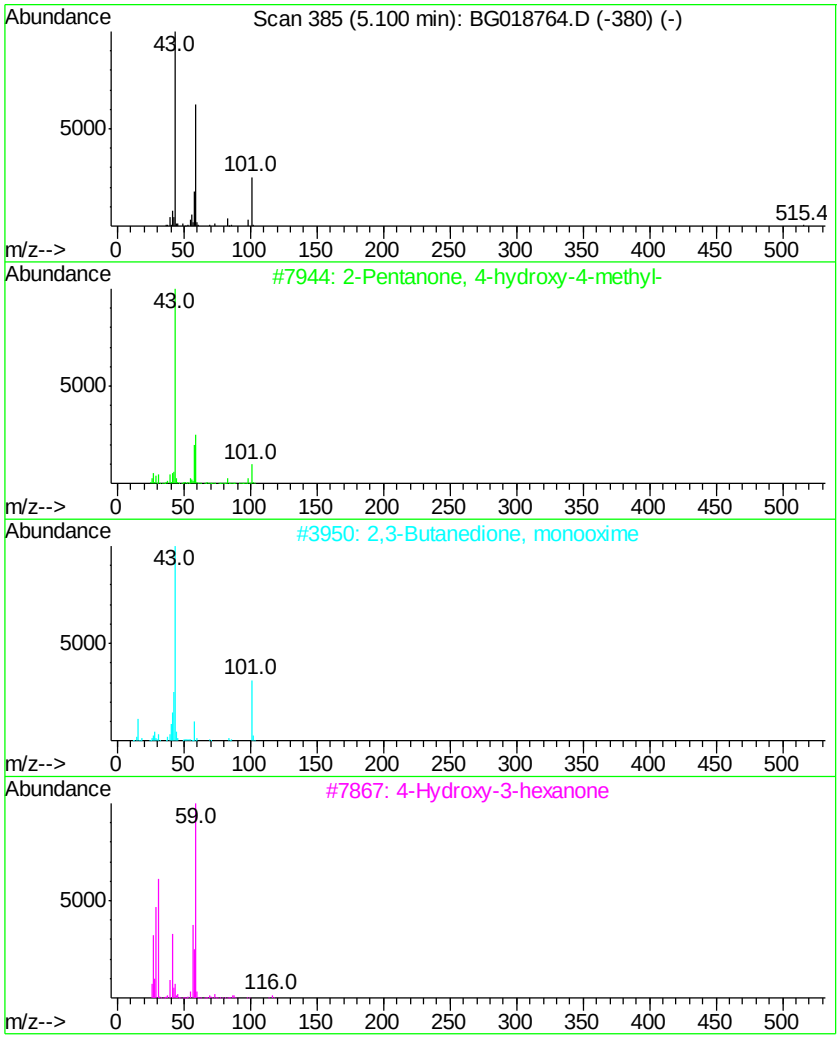
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

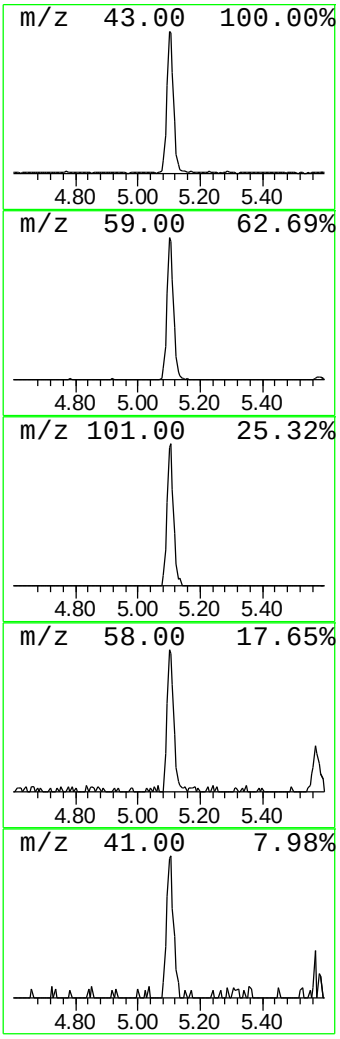
****

Peak Number 3 unknown5.10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	11.66 ng	140421	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	32
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018764.D
Acq On : 18 Sep 2015 12:06
Operator : TP
Sample : G3706-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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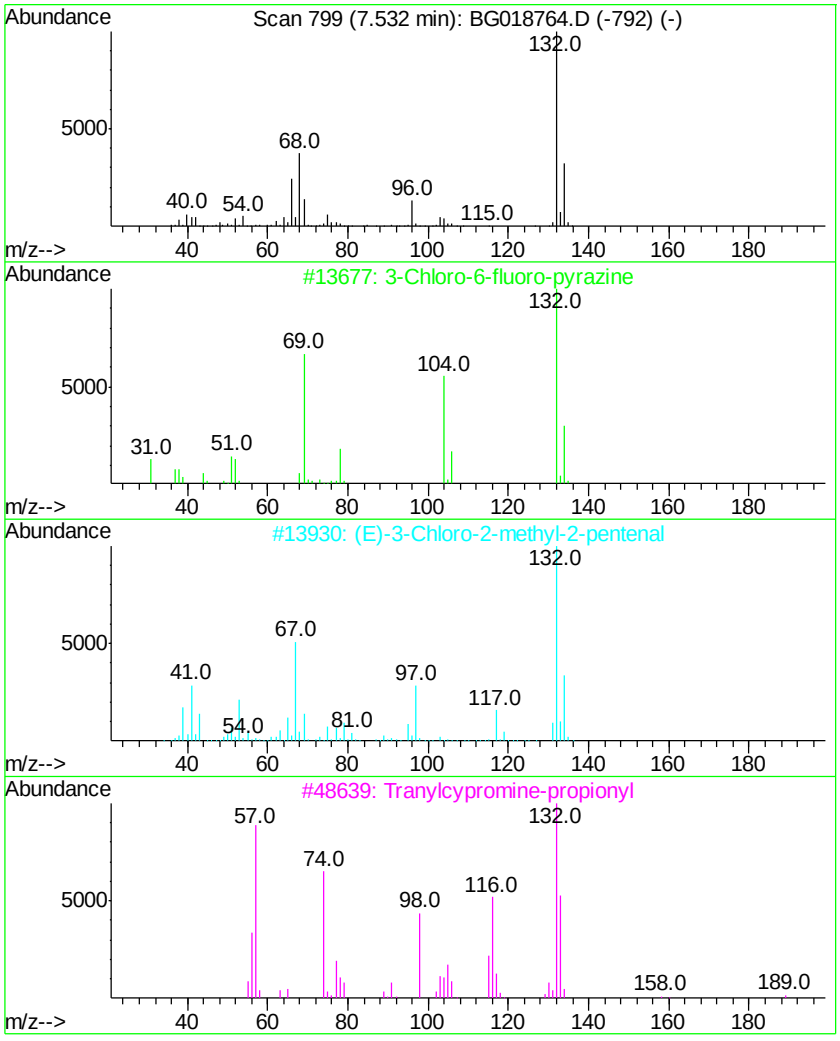
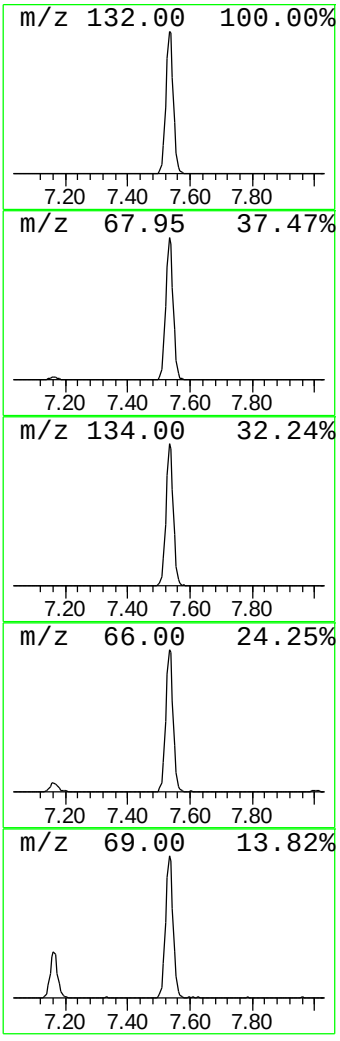
Peak Number 4 unknown7.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	92.99 ng	1119950	1,4-Dichlorobenzene-d4	8.00

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	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018764.D
Acq On : 18 Sep 2015 12:06
Operator : TP
Sample : G3706-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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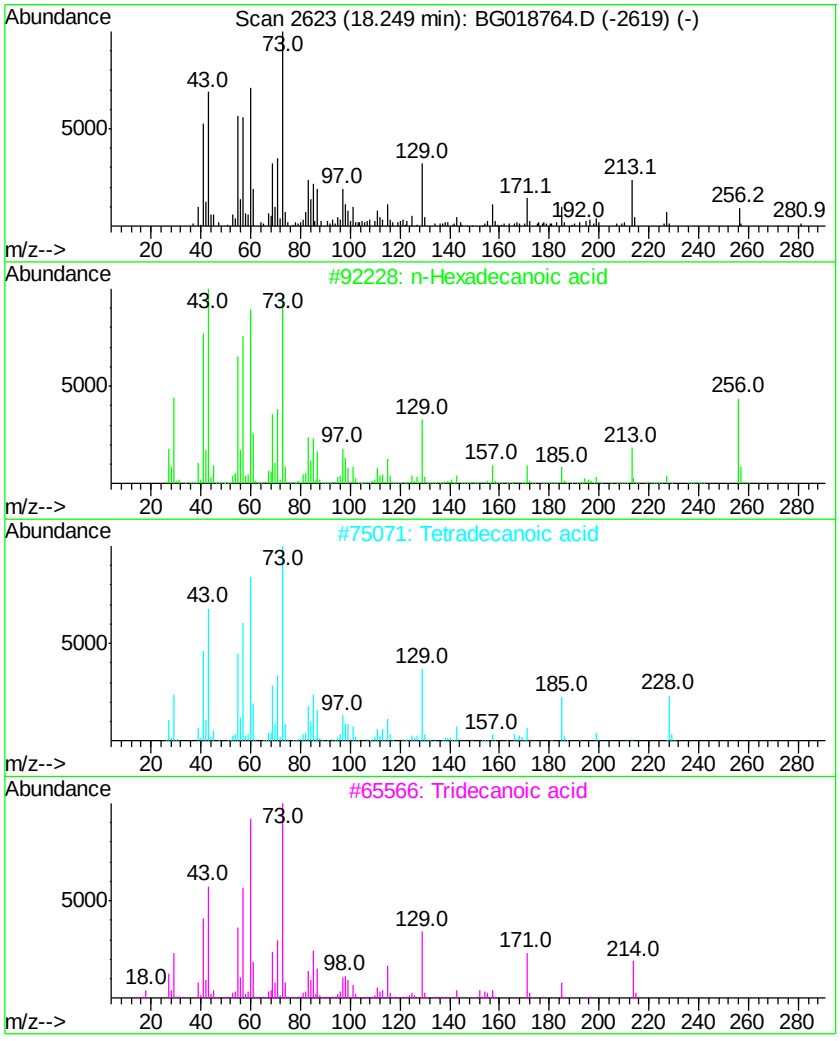
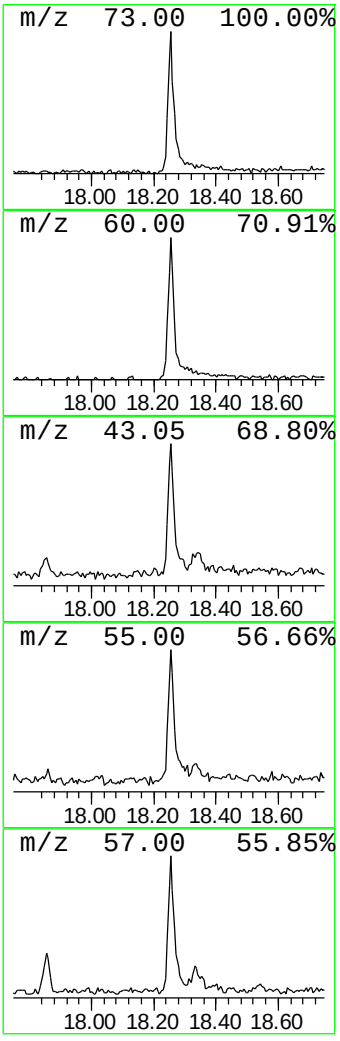
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	5.91 ng	251703	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018764.D
Acq On : 18 Sep 2015 12:06
Operator : TP
Sample : G3706-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

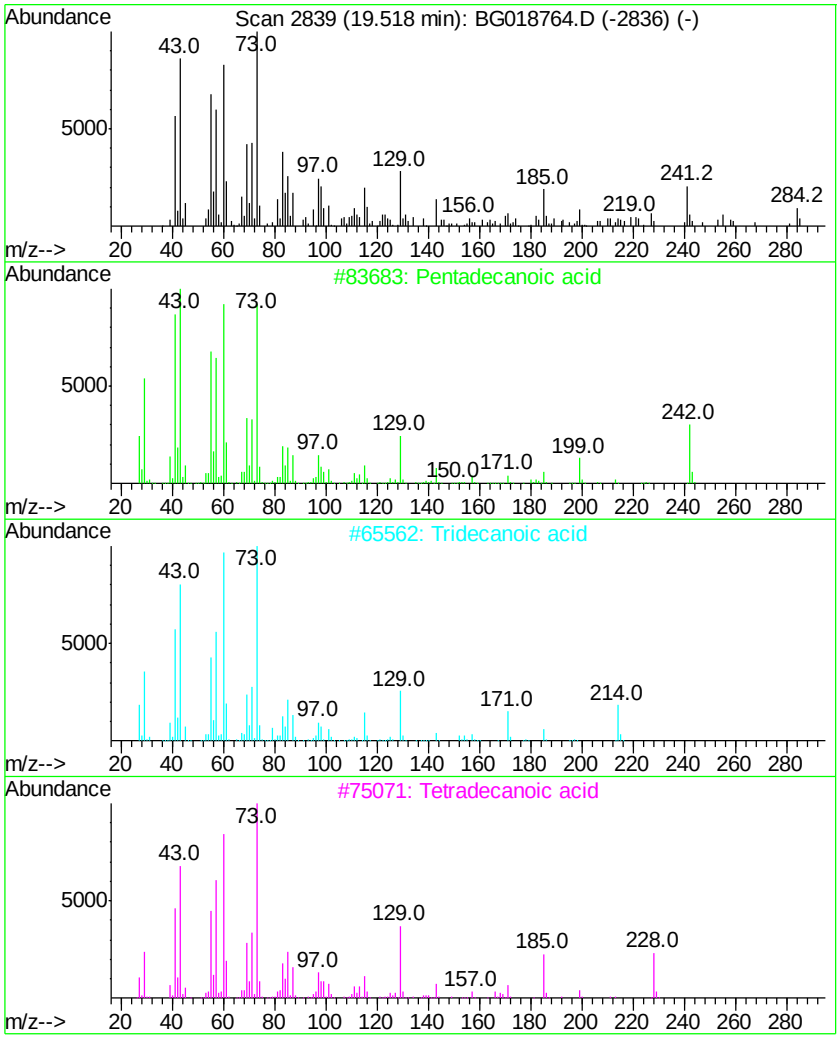
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

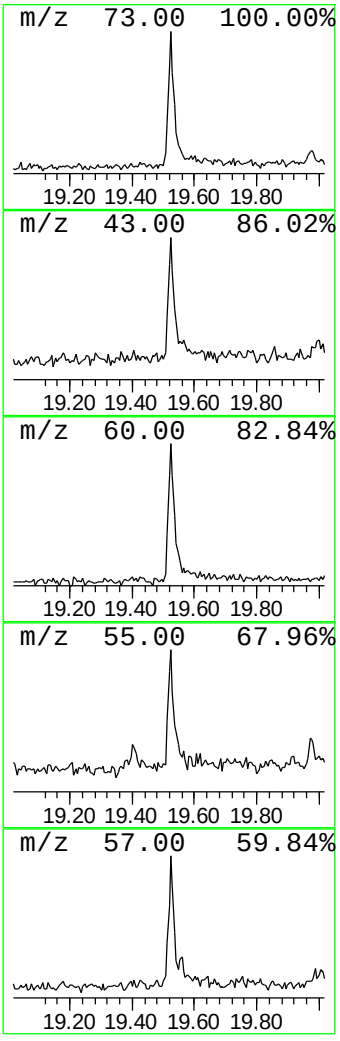
****

Peak Number 7 Pentadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	3.62 ng	173533	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





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Operator : TP
Sample : G3706-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

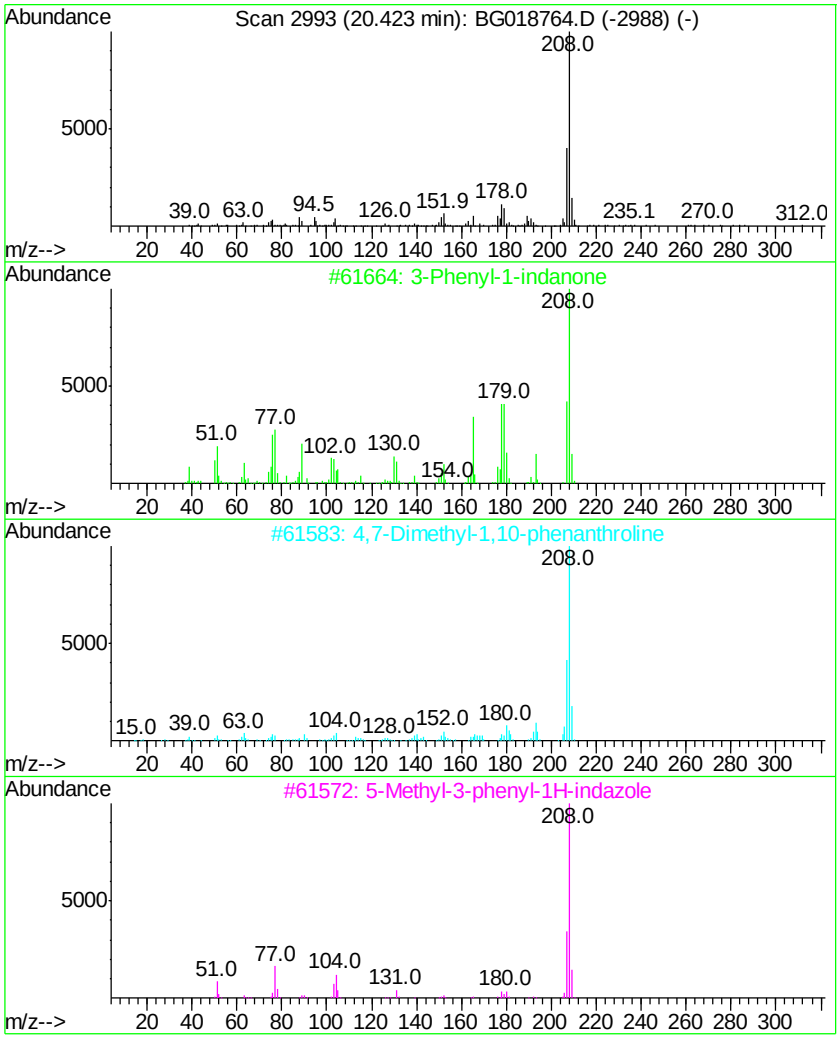
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

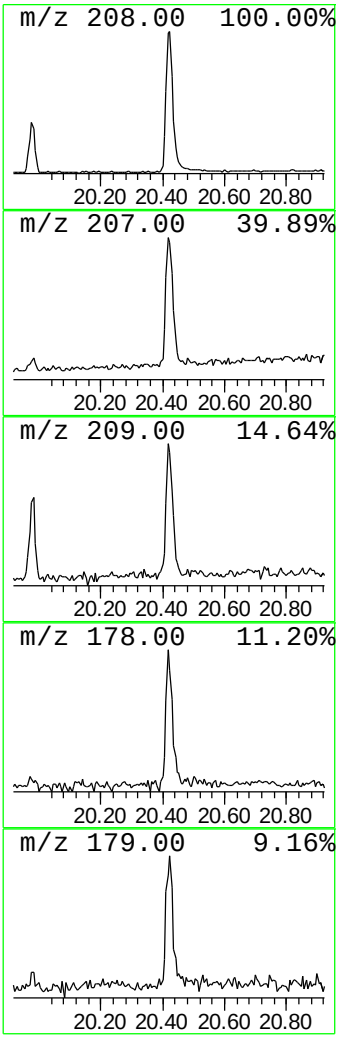
****

Peak Number 8 3-Phenyl-1-indanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	3.97 ng	190032	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-1-indanone	208	C15H12O	016618-72-7	78
2	4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3	72
3	5-Methyl-3-phenyl-1H-indazole	208	C14H12N2	057614-16-1	72
4	Pyrene, 1,2,3,6,7,8-hexahydro-	208	C16H16	001732-13-4	53
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	53





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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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...	3.18	144.8	ng	1743840	1	8.00	240881	20.0
unknown5.10	5.10	11.7	ng	140421	1	8.00	240881	20.0
unknown7.53	7.53	93.0	ng	1119950	1	8.00	240881	20.0
n-Hexadecanoic acid	18.25	5.9	ng	251703	4	17.37	851809	20.0
Pentadecanoic acid	19.52	3.6	ng	173533	5	21.63	958366	20.0
3-Phenyl-1-indanone	20.42	4.0	ng	190032	5	21.63	958366	20.0