

(QT Reviewed)

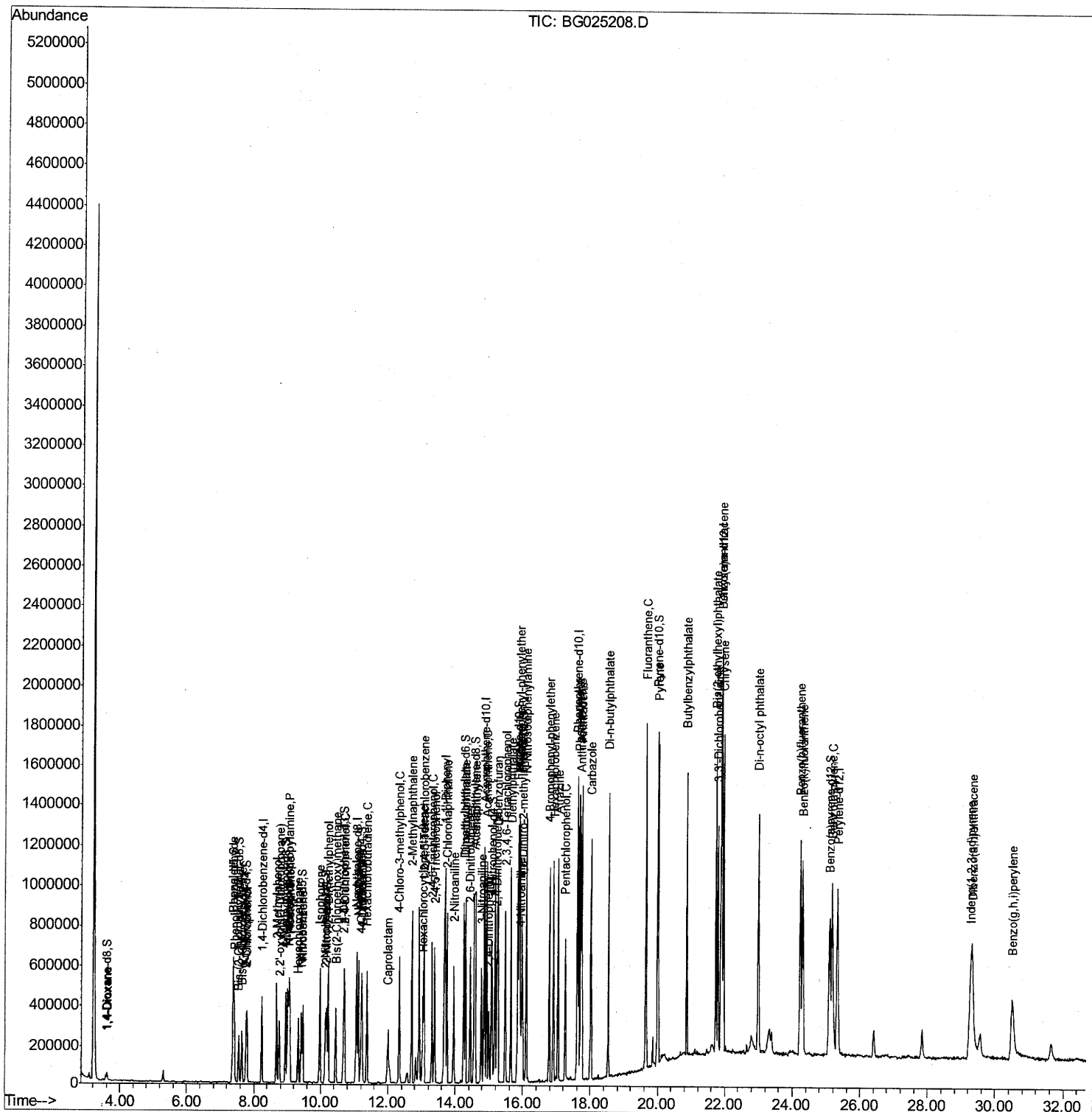
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Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\  
Data File : BG025208.D  
Acq On : 15 Dec 2016 12:01  
Operator : UM/SJ  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 2 Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02008

Manual Integrations

sohil
12/15/2016 5:45:27 PM

Quant Time: Dec 15 12:58:58 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

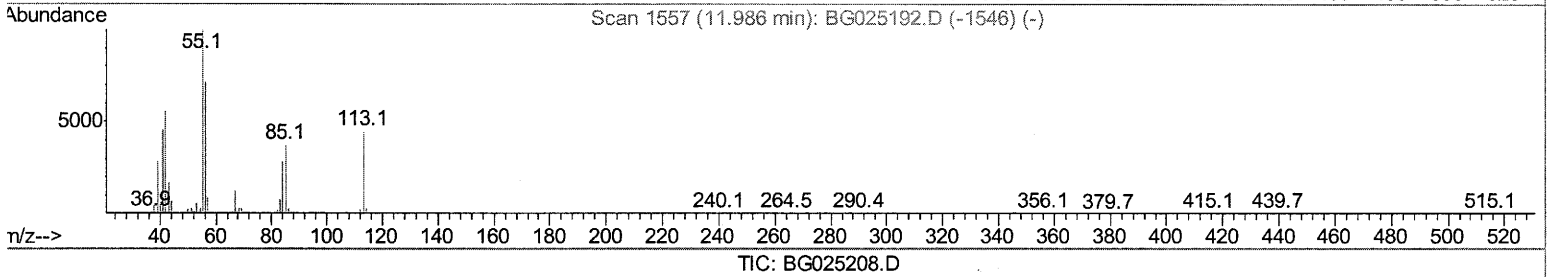
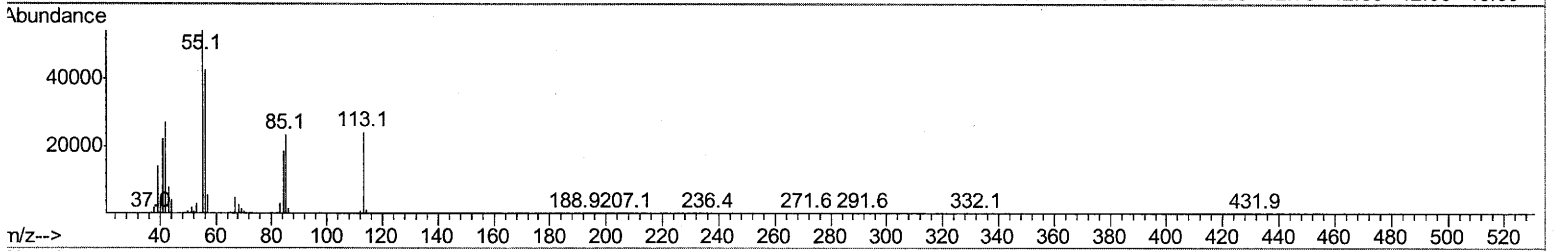
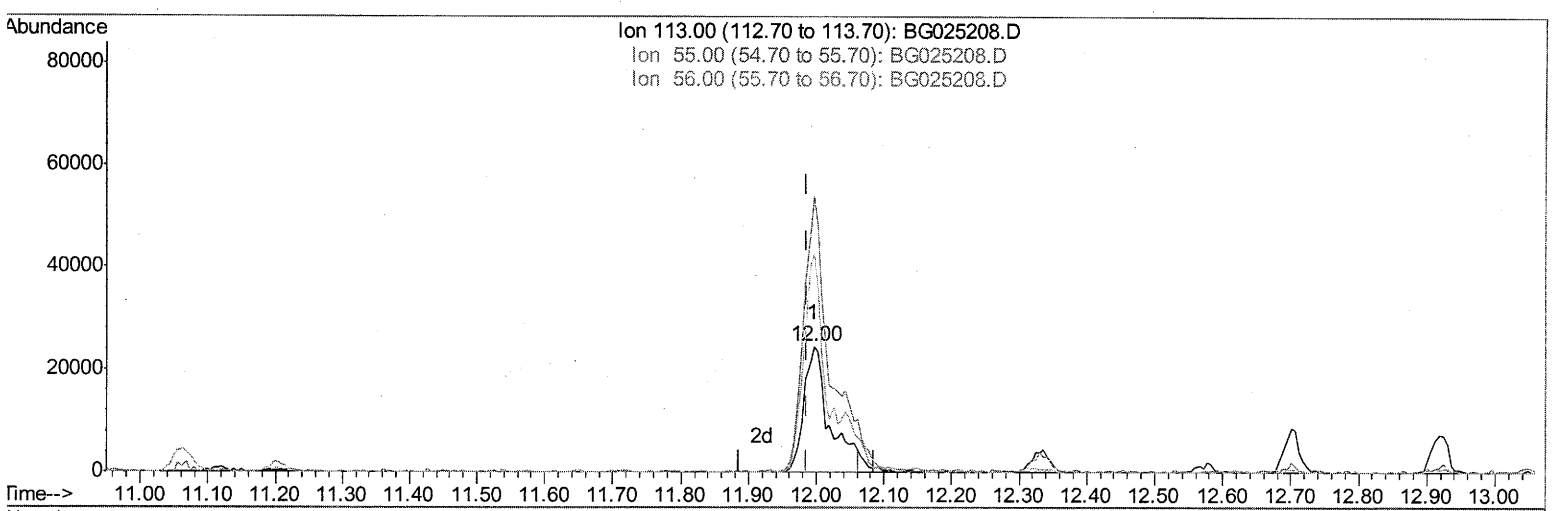
Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
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Manual Integrations
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Quant Time: Dec 15 12:52:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 04:58:54 2016
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(32) Caprolactam

11.996min (+0.010) 18.23ng/ul

response 64236

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	222.19
56.00	160.60	175.25
0.00	0.00	0.00

Quantitation Report (Qedit)

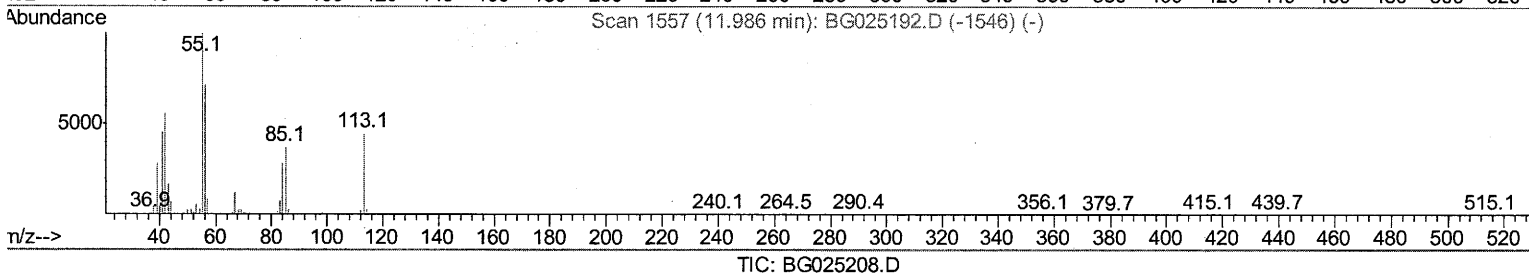
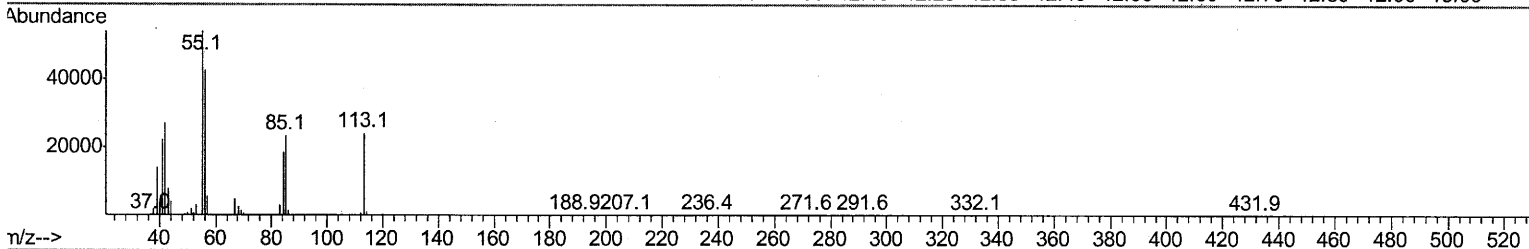
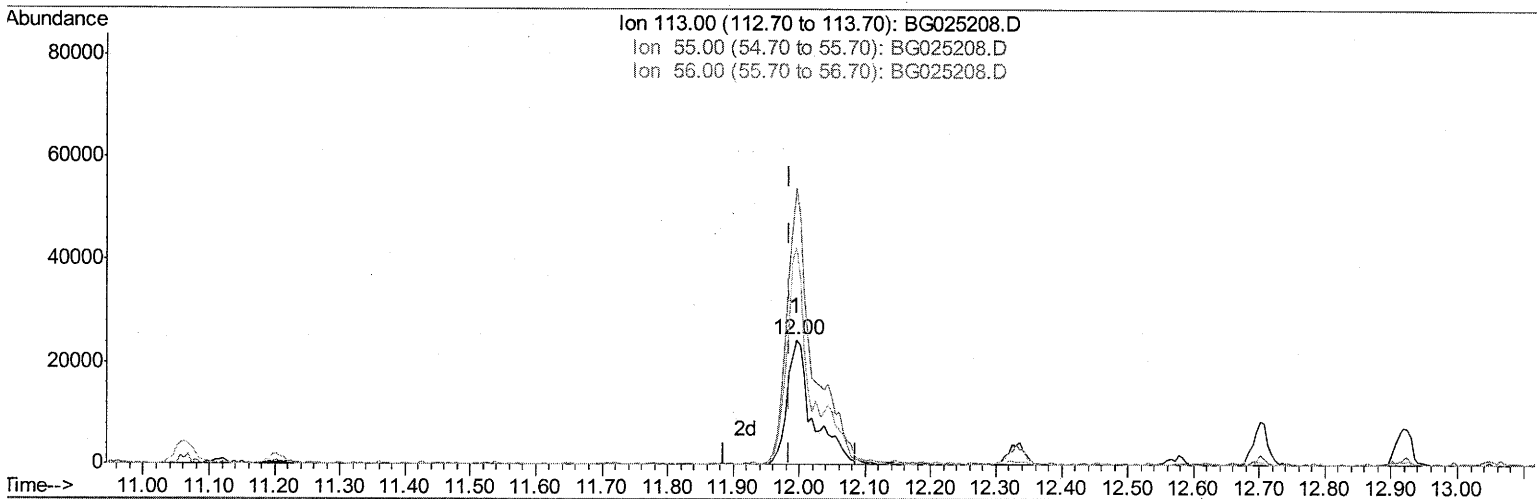
Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
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 Sample : SSTDCCC020EC
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Instrument :
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 LabSampled :
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(32) Caprolactam

11.996min (+0.010) 19.14ng/ul m

response 67435

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	222.19
56.00	160.60	175.25
0.00	0.00	0.00

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 12/15/16

Quantitation Report (Qedit)

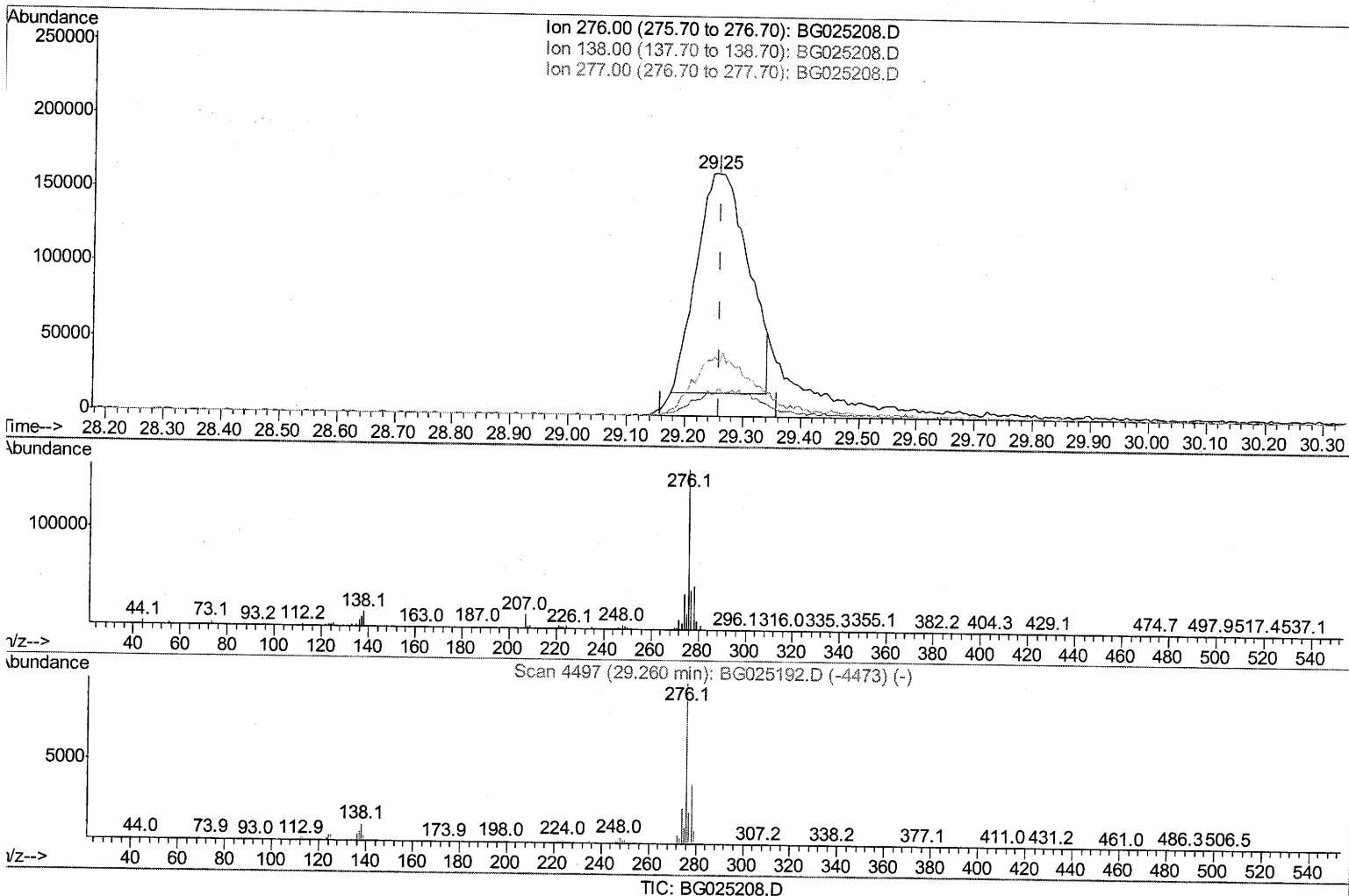
Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
 Data File : BG025208.D
 Acq On : 15 Dec 2016 12:01
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Quant Time: Dec 15 12:52:01 2016
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(89) Indeno(1,2,3-cd)pyrene

29.252min (-0.008) 14.15ng/ul

response 906928

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	9.53
277.00	23.30	24.55
0.00	0.00	0.00

Quantitation Report (Qedit)

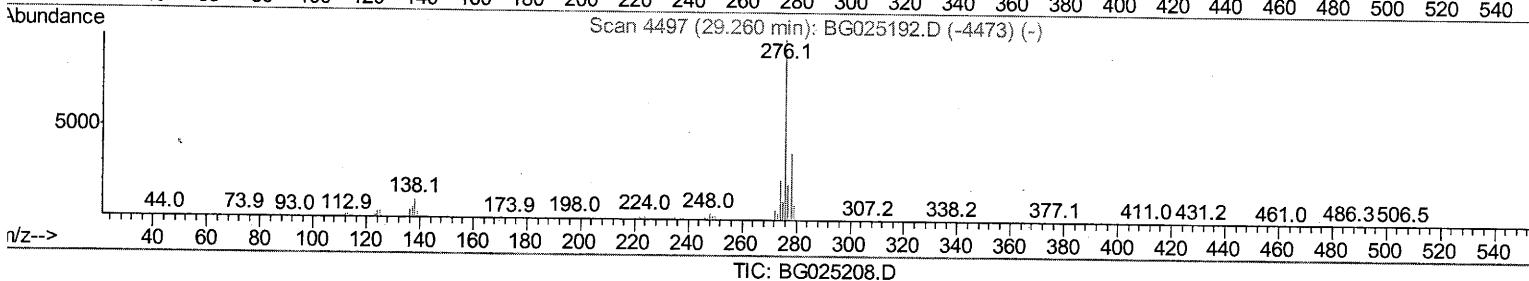
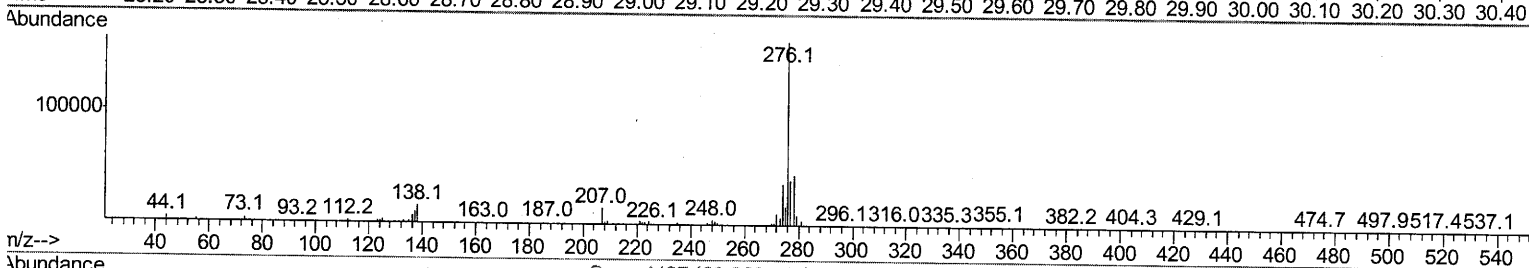
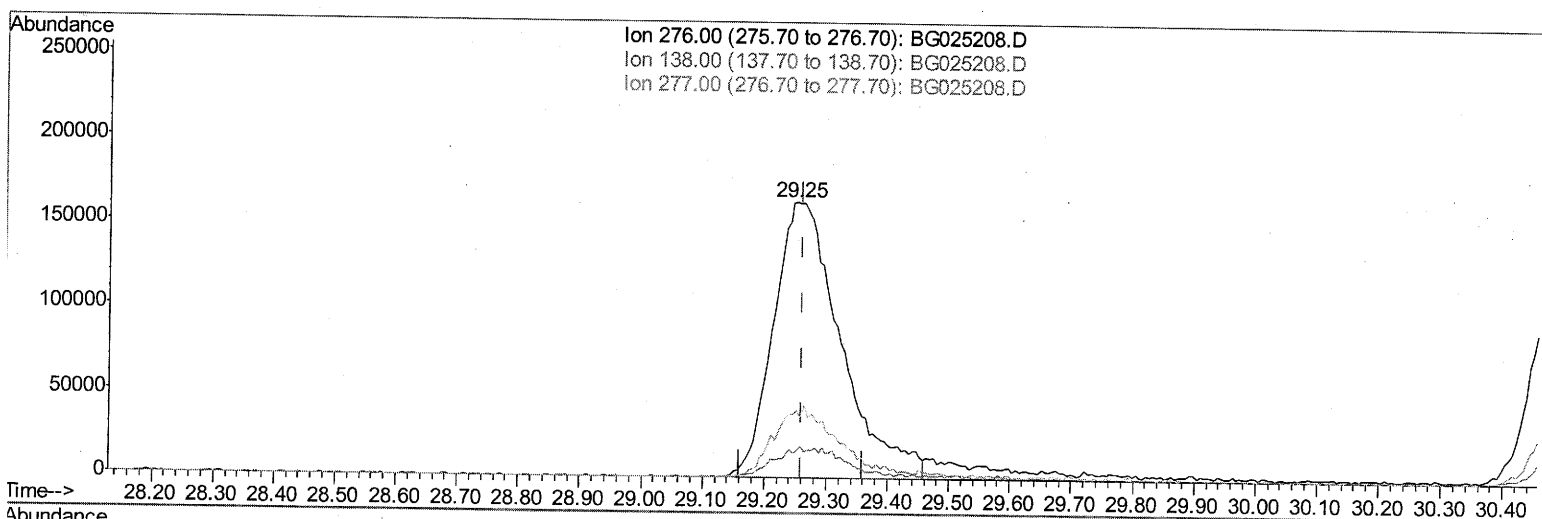
Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
Data File : BG025208.D
Acq On : 15 Dec 2016 12:01
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampled :
SSTD02008

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
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Response via : Initial Calibration



(89) Indeno(1,2,3-cd)pyrene

29.252min (-0.008) 19.39ng/ul m

response 1242755

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	9.53
277.00	23.30	24.55
0.00	0.00	0.00

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Quantitation Report (Qedit)

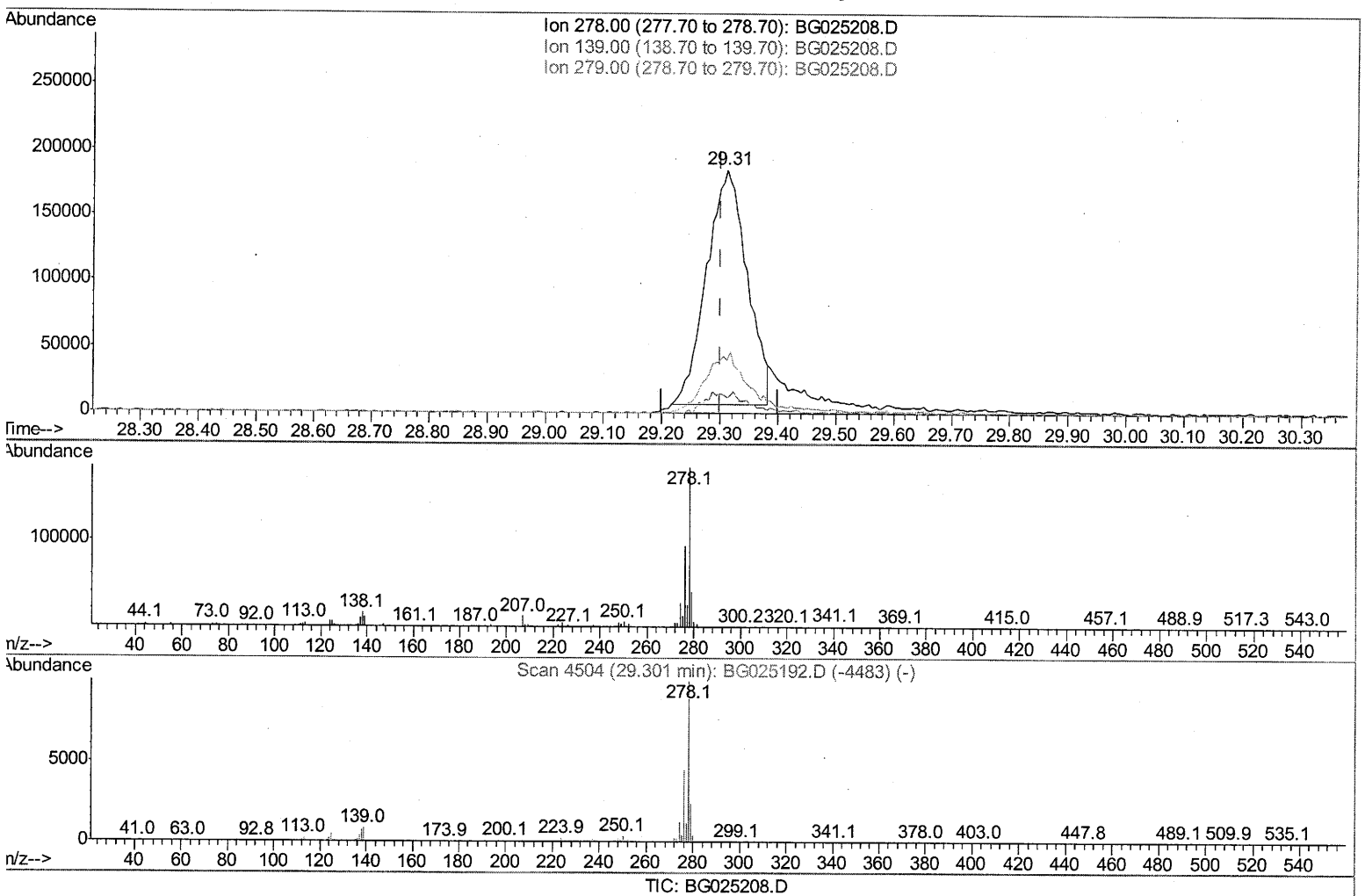
Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
Data File : BG025208.D
Acq On : 15 Dec 2016 12:01
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02008

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(90) Dibenzo(a,h)anthracene

29.311min (+0.010) 16.03ng/ul

response 865562

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	6.32#
279.00	26.10	22.01
0.00	0.00	0.00

Quantitation Report (Qedit)

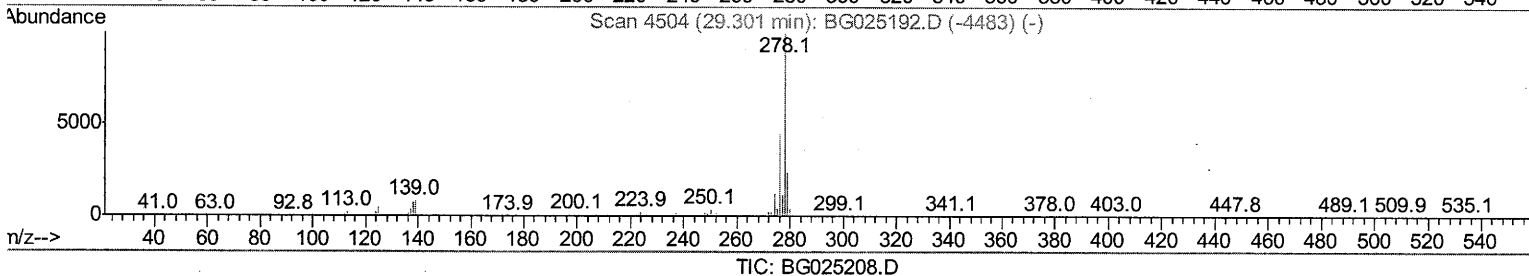
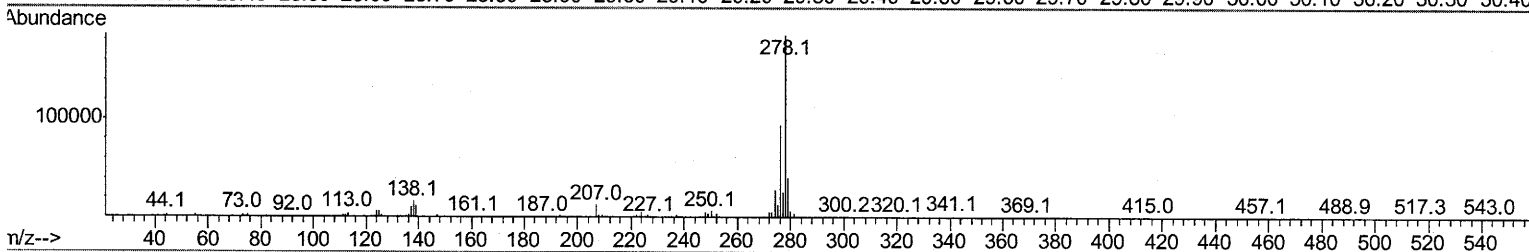
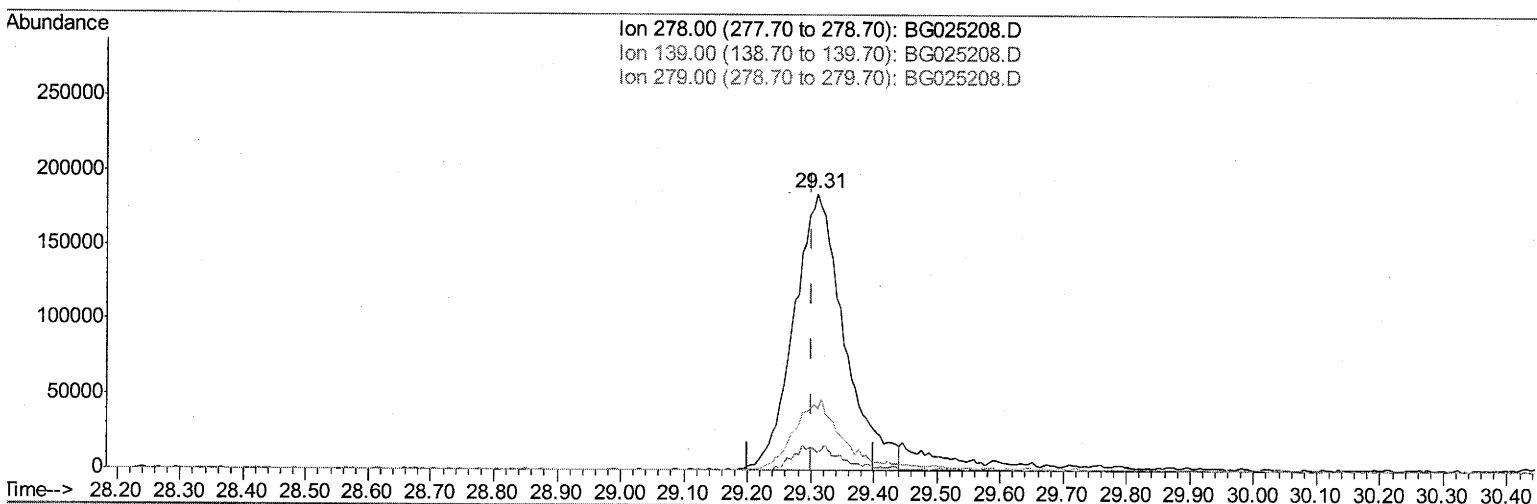
Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
 Data File : BG025208.D
 Acq On : 15 Dec 2016 12:01
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampled :
 SSTD02008

Manual Integrations
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 12/15/2016 5:45:27 PM

Quant Time: Dec 15 12:52:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
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 QLast Update : Thu Dec 15 04:58:54 2016
 Response via : Initial Calibration



(90) Dibenzo(a,h)anthracene

29.311min (+0.010) 18.88ng/ul m

response 1019404

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	6.32#
279.00	26.10	22.01
0.00	0.00	0.00

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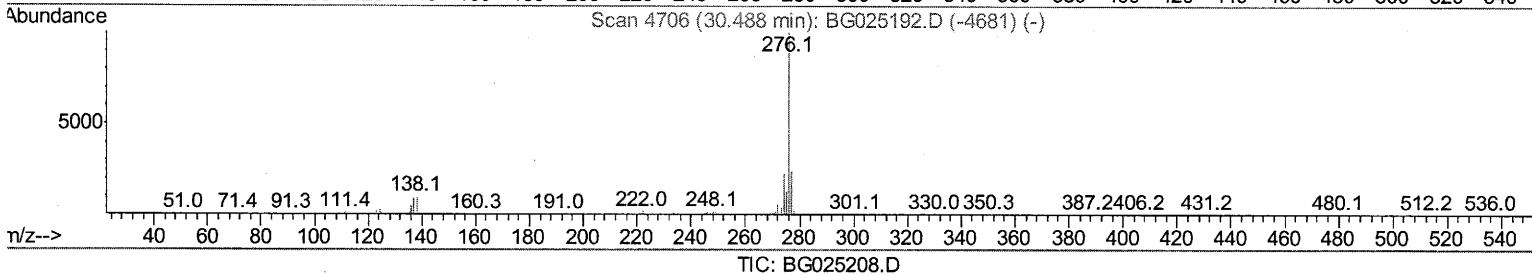
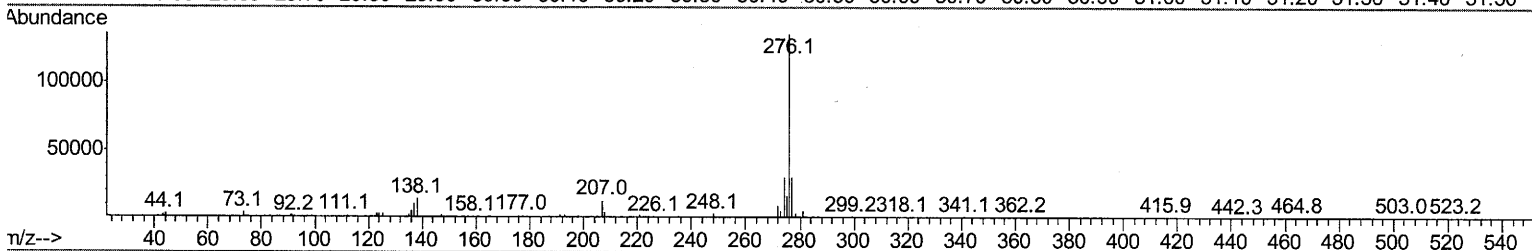
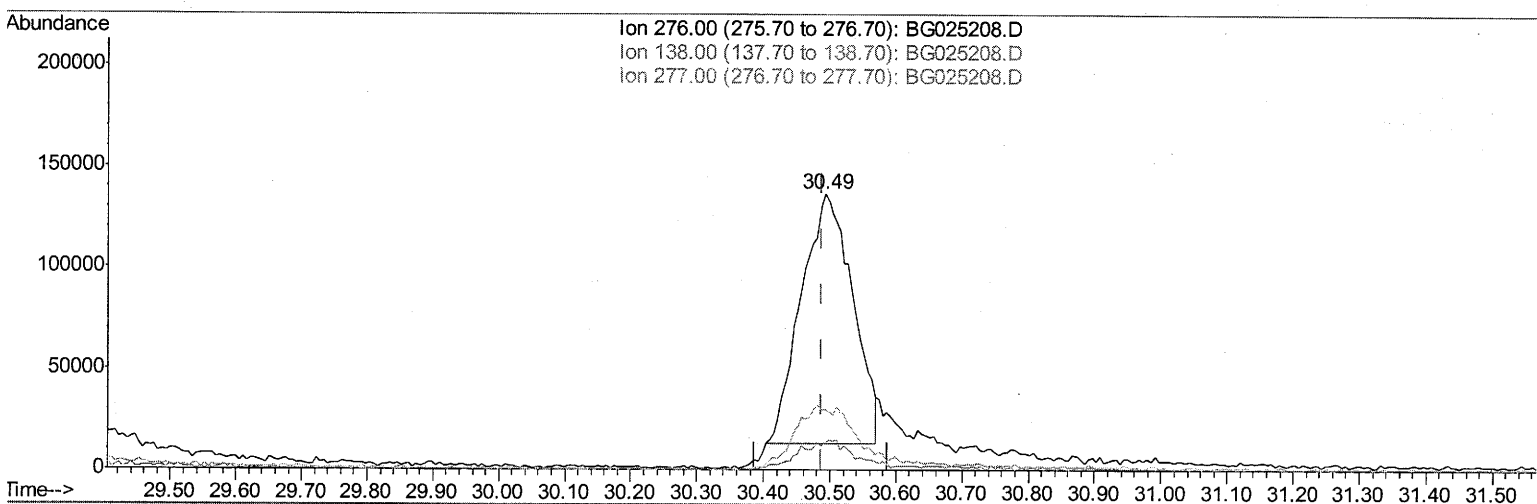
Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
Data File : BG025208.D
Acq On : 15 Dec 2016 12:01
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02008

Manual Integrations
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Quant Title : SVOA CALIBRATION
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(91) Benzo(g,h,i)perylene

30.492min (+0.004) 12.48ng/ul

response 667239

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	10.20
277.00	22.00	21.75
0.00	0.00	0.00

Quantitation Report (Qedit)

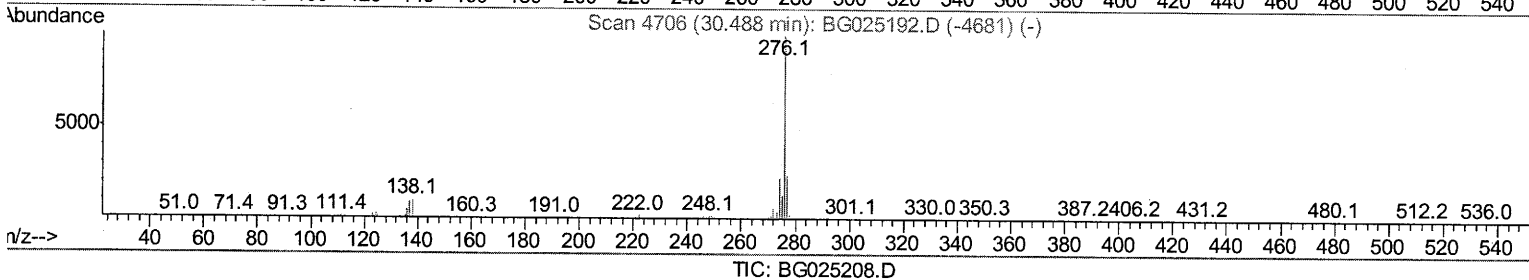
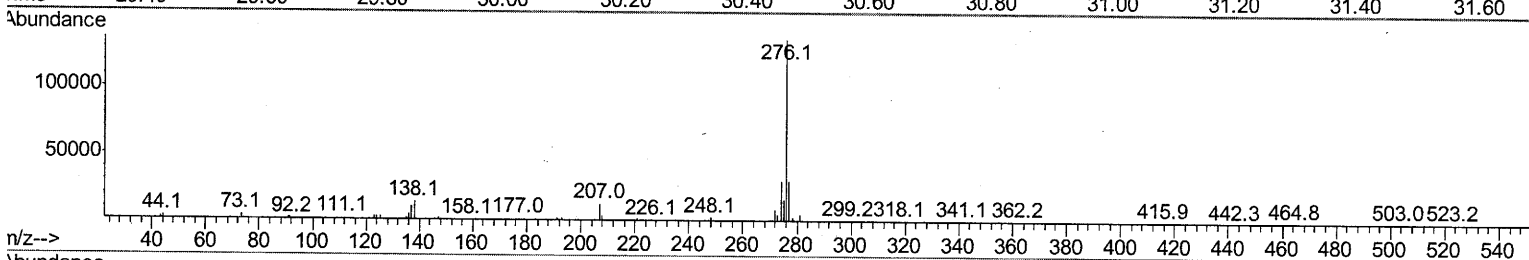
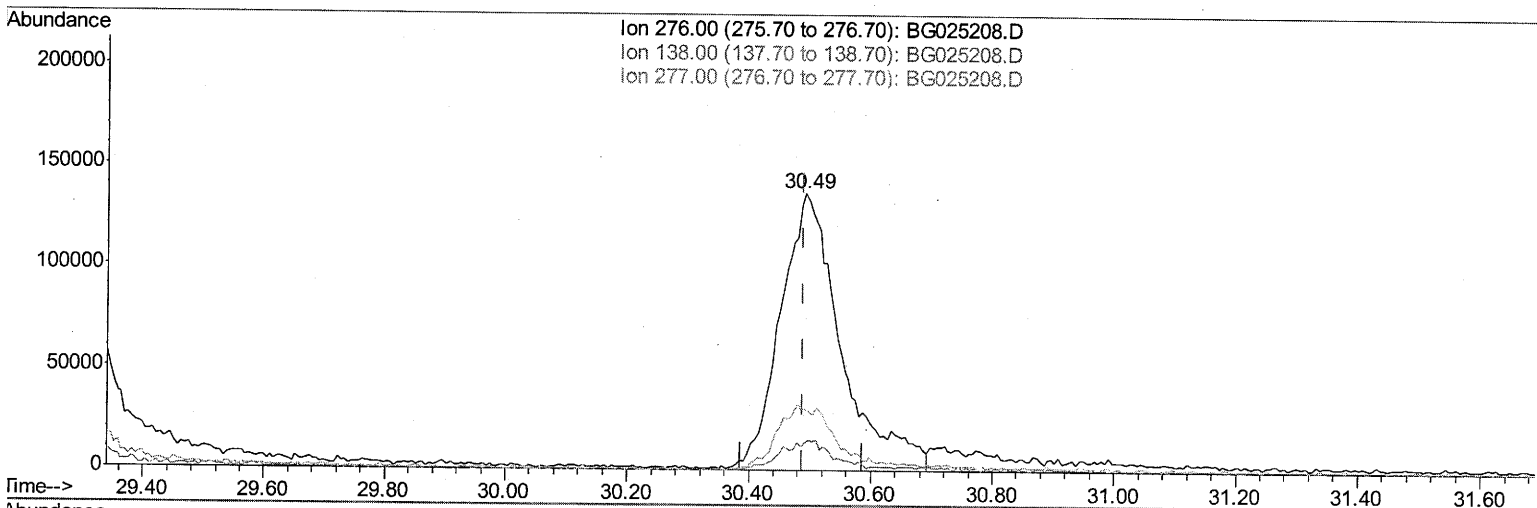
Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
Data File : BG025208.D
Acq On : 15 Dec 2016 12:01
Operator : UM/SJ
Sample : SSTDC0020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampled :
SSTD02008

Manual Integrations
APPROVED

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Quant Time: Dec 15 12:52:01 2016
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Quant Title : SVOA CALIBRATION
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(91) Benzo(g,h,i)perylene

30.492min (+0.004) 17.70ng/ul m

response 946455

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	10.20
277.00	22.00	21.75
0.00	0.00	0.00

0.67
12115716

Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
 Data File : BG025208.D
 Acq On : 15 Dec 2016 12:01
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
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Manual Integrations
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	109471	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	514793	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	431467	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	926188	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1084247	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1081499	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	15886	7.50	ng/uL	0.00
5) Phenol-d5	7.38	99	203654	21.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	126104	21.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	137265	20.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	175632	22.25	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	73904	20.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	95305	20.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	188420	21.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	209257	24.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	573096	19.31	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	672936	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	92797	18.19	ng/ul	0.00
57) Fluorene-d10	15.84	176	554085	19.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	118654	20.72	ng/ul	0.00
70) Anthracene-d10	17.70	188	796376	20.37	ng/ul	0.00
76) Pyrene-d10	19.97	212	912737	20.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	911228	20.79	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.62	88	19176	6.95 ng/uL#	84
4) Benzaldehyde	7.37	77	151782	21.35 ng/ul	99
6) Phenol	7.41	94	211813	21.85 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.64	93	145797	20.55 ng/ul	97
10) 2-Chlorophenol	7.79	128	135929	20.47 ng/ul	94
11) 2-Methylphenol	8.68	108	149434	20.94 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.76	45	278236	23.07 ng/ul	96
14) Acetophenone	9.07	105	257172	21.41 ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.03	70	149607	21.57 ng/ul	89
16) 4-Methylphenol	9.01	108	170061	21.42 ng/ul	97
17) Hexachloroethane	9.32	117	59654	20.28 ng/ul	95
20) Nitrobenzene	9.46	77	230045	20.54 ng/ul	99
21) Isophorone	9.97	82	422899	19.95 ng/ul#	94
23) 2-Nitrophenol	10.17	139	92380	20.04 ng/ul	93
24) 2,4-Dimethylphenol	10.22	107	220012	20.87 ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.45	93	218623	20.24 ng/ul	96
27) 2,4-Dichlorophenol	10.71	162	179236	21.12 ng/ul#	91
28) Naphthalene	11.11	128	473330	19.78 ng/ul	98
30) 4-Chloroaniline	11.23	127	209378	23.84 ng/ul	94
31) Hexachlorobutadiene	11.37	225	138421	18.97 ng/ul	93
32) Caprolactam	12.00	113	67435m	19.14 ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	214040	20.46 ng/ul	97
34) 2-Methylnaphthalene	12.70	142	378723	20.05 ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	263082	20.23	nq/ul	95
37) Hexachlorocyclopentadiene	13.02	237	127140	16.65	nq/ul	99
38) 2,4,6-Trichlorophenol	13.31	196	173149	21.20	nq/ul	91
39) 2,4,5-Trichlorophenol	13.38	196	187165	20.90	nq/ul	95
40) 1,1'-Biphenyl	13.69	154	540570	20.66	nq/ul	99
41) 2-Chloronaphthalene	13.75	162	433786	20.83	nq/ul	100
42) 2-Nitroaniline	13.95	65	184556	22.64	nq/ul	92
44) Dimethylphthalate	14.30	163	574366	19.69	nq/ul	97
45) 2,6-Dinitrotoluene	14.43	165	126140	20.13	nq/ul#	84
47) Acenaphthylene	14.59	152	637356	20.17	nq/ul	99
48) 3-Nitroaniline	14.77	138	120244	22.15	nq/ul#	99
49) Acenaphthene	14.92	153	451120	20.84	nq/ul	94
50) 2,4-Dinitrophenol	14.99	184	82575	20.28	nq/ul	87
52) 4-Nitrophenol	15.08	109	115604	18.84	nq/ul	90
53) Dibenzofuran	15.26	168	683079	19.95	nq/ul	96
54) 2,4-Dinitrotoluene	15.22	165	180599	19.12	nq/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.48	232	182693	19.31	nq/ul#	97
56) Diethylphthalate	15.64	149	584440	18.92	nq/ul	98
58) Fluorene	15.90	166	559957	20.09	nq/ul	98
59) 4-Chlorophenyl-phenylether	15.88	204	307509	19.59	nq/ul	93
60) 4-Nitroaniline	15.94	138	115623	17.66	nq/ul	92
63) 4,6-Dinitro-2-methylphenol	15.99	198	125603	21.17	nq/ul#	96
64) N-Nitrosodiphenylamine	16.10	169	508017	21.32	nq/ul	93
65) 4-Bromophenyl-phenylether	16.78	248	214395	20.49	nq/ul	94
66) Hexachlorobenzene	16.90	284	250323	21.25	nq/ul	98
67) Atrazine	17.04	200	215334	19.01	nq/ul	95
68) Pentachlorophenol	17.25	266	140781	19.90	nq/ul	94
69) Phenanthrene	17.65	178	899706	20.35	nq/ul	99
71) Anthracene	17.74	178	905917	19.93	nq/ul	99
72) Carbazole	18.01	167	790852	20.86	nq/ul	99
73) Di-n-butylphthalate	18.52	149	944904	19.74	nq/ul	100
74) Fluoranthene	19.64	202	1060405	20.19	nq/ul	99
77) Pyrene	20.00	202	1063578	20.41	nq/ul#	96
78) Butylbenzylphthalate	20.86	149	435416	21.34	nq/ul	97
79) 3,3'-Dichlorobenzidine	21.78	252	429984	22.75	nq/ul	95
80) Benzo(a)anthracene	21.88	228	1165799	20.70	nq/ul	99
81) Bis(2-ethylhexyl)phthalate	21.72	149	584233	20.80	nq/ul	99
82) Chrysene	21.94	228	1079140	20.48	nq/ul	99
84) Di-n-octyl phthalate	22.99	149	1024889	23.34	nq/ul	100
85) Benzo(b)fluoranthene	24.22	252	1108768	20.68	nq/ul	98
86) Benzo(k)fluoranthene	24.29	252	1081823	21.22	nq/ul	96
88) Benzo(a)pyrene	25.16	252	1074204	20.83	nq/ul#	99
89) Indeno(1,2,3-cd)pyrene	29.25	276	1242755m	19.39	nq/ul	
90) Dibenzo(a,h)anthracene	29.31	278	1019404m	18.88	nq/ul	
91) Benzo(g,h,i)perylene	30.49	276	946455m	17.70	nq/ul	

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(#) = qualifier out of range (m) = manual integration (+) = signals summed