

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG053116\
 Data File : BG022120.D
 Acq On : 31 May 2016 19:35
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jun 01 01:19:44 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 01 01:07:08 2016
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	57754	16.38	ng/ul	98
37) Hexachlorocyclopentadiene	12.94	237	27173	17.89	ng/ul	99
38) 2,4,6-Trichlorophenol	13.21	196	41027	17.23	ng/ul	96
39) 2,4,5-Trichlorophenol	13.29	196	42584	16.85	ng/ul	97
40) 1,1'-Biphenyl	13.60	154	166679	17.03	ng/ul	99
41) 2-Chloronaphthalene	13.65	162	126691	16.85	ng/ul	98
42) 2-Nitroaniline	13.85	65	27877	16.45	ng/ul	97
44) Dimethylphthalate	14.21	163	177279	19.76	ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	39598	20.57	ng/ul	91
47) Acenaphthylene	14.49	152	226081	17.80	ng/ul	99
48) 3-Nitroaniline	14.67	138	33699	18.27	ng/ul#	98
49) Acenaphthene	14.83	153	153277	17.47	ng/ul	98
50) 2,4-Dinitrophenol	14.88	184	17579m	23.58	ng/ul	
52) 4-Nitrophenol	15.00	109	14538	16.77	ng/ul	89
53) Dibenzofuran	15.16	168	204996	18.89	ng/ul	100
54) 2,4-Dinitrotoluene	15.13	165	54199	20.88	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.40	232	36880	18.45	ng/ul	94
56) Diethylphthalate	15.57	149	188678	20.26	ng/ul	99
58) Fluorene	15.81	166	176663	19.29	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.80	204	79861	19.36	ng/ul	100
60) 4-Nitroaniline	15.84	138	39761m	19.64	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.89	198	27093	18.31	ng/ul	97
64) N-Nitrosodiphenylamine	16.01	169	151608	17.53	ng/ul	96
65) 4-Bromophenyl-phenylether	16.69	248	49759	18.00	ng/ul	94
66) Hexachlorobenzene	16.81	284	52014	16.20	ng/ul	99
67) Atrazine	16.95	200	55890	18.76	ng/ul	99
68) Pentachlorophenol	17.16	266	22215m	13.29	ng/ul	
69) Phenanthrene	17.55	178	275478	18.10	ng/ul	99
71) Anthracene	17.65	178	274951	17.84	ng/ul	98
72) Carbazole	17.92	167	244369	18.29	ng/ul	100
73) Di-n-butylphthalate	18.45	149	328171	18.33	ng/ul	99
74) Fluoranthene	19.55	202	304824	19.60	ng/ul	100
77) Pyrene	19.91	202	301830	16.90	ng/ul	98
78) Butylbenzylphthalate	20.78	149	143437	16.95	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.68	252	83201	17.44	ng/ul	99
80) Benzo(a)anthracene	21.77	228	265704	17.85	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.65	149	208248	17.29	ng/ul	98
82) Chrysene	21.84	228	239481	16.77	ng/ul	98
84) Di-n-octyl phthalate	22.88	149	349128	18.24	ng/ul	100
85) Benzo(b)fluoranthene	24.04	252	258736	18.82	ng/ul	100
86) Benzo(k)fluoranthene	24.11	252	240283	17.96	ng/ul	98
88) Benzo(a)pyrene	24.94	252	237213	17.88	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.89	276	276517	18.18	ng/ul	97
90) Dibenzo(a,h)anthracene	28.95	278	234507m	18.42	ng/ul	
91) Benzo(g,h,i)perylene	30.08	276	232673	19.10	ng/ul	97

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	32273	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	180620	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	118891	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	273559	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	253801	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	234954	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	5258	8.49	ng/uL	0.00
5) Phenol-d5	7.30	99	52661	18.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	26220	17.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	45888	18.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	48115	19.46	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	24613	18.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	27642	19.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	47928	18.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	66519	23.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	178537	19.99	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	221210	17.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	24871	16.17	ng/ul	0.00
57) Fluorene-d10	15.75	176	160410	19.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	27066	18.93	ng/ul	0.00
70) Anthracene-d10	17.61	188	238031	18.13	ng/ul	0.00
76) Pyrene-d10	19.88	212	245736	17.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	206382	18.93	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	9308	8.29	ng/uL	93
4) Benzaldehyde	7.28	77	20895	13.00	ng/ul	93
6) Phenol	7.33	94	53398	18.18	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.55	93	41064	19.14	ng/ul	89
10) 2-Chlorophenol	7.71	128	45803	19.06	ng/ul#	89
11) 2-Methylphenol	8.59	108	44985	19.18	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.66	45	46110	17.99	ng/ul#	95
14) Acetophenone	8.96	105	69233	20.01	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.94	70	35086	19.65	ng/ul#	93
16) 4-Methylphenol	8.92	108	49848	19.71	ng/ul	97
17) Hexachloroethane	9.22	117	17842	18.63	ng/ul	97
20) Nitrobenzene	9.35	77	46848	17.38	ng/ul	97
21) Isophorone	9.87	82	111840	19.46	ng/ul	96
23) 2-Nitrophenol	10.07	139	28820	19.11	ng/ul	93
24) 2,4-Dimethylphenol	10.12	107	53418	18.35	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.35	93	64659	19.60	ng/ul	98
27) 2,4-Dichlorophenol	10.61	162	48881	19.56	ng/ul	97
28) Naphthalene	11.01	128	165081	18.03	ng/ul	98
30) 4-Chloroaniline	11.12	127	69887m	25.08	ng/ul	91
31) Hexachlorobutadiene	11.28	225	26544	18.02	ng/ul	91
32) Caprolactam	11.86	113	23805m	23.78	ng/ul	98
33) 4-Chloro-3-methylphenol	12.23	107	53931	20.27	ng/ul	98
34) 2-Methylnaphthalene	12.61	142	126294	19.29	ng/ul	95

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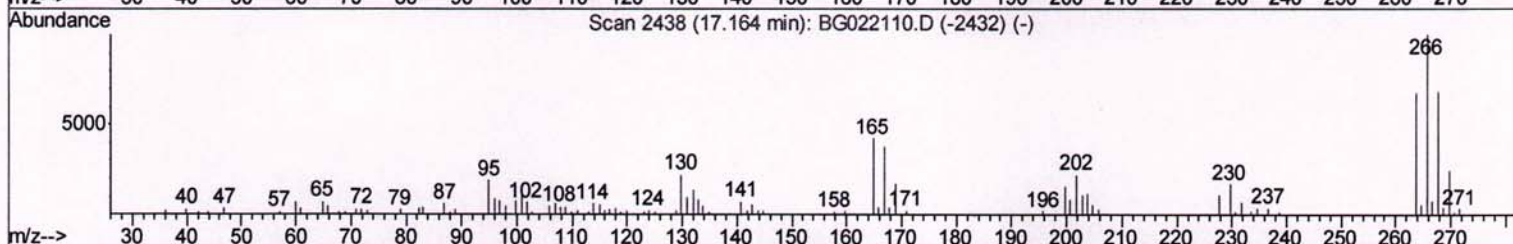
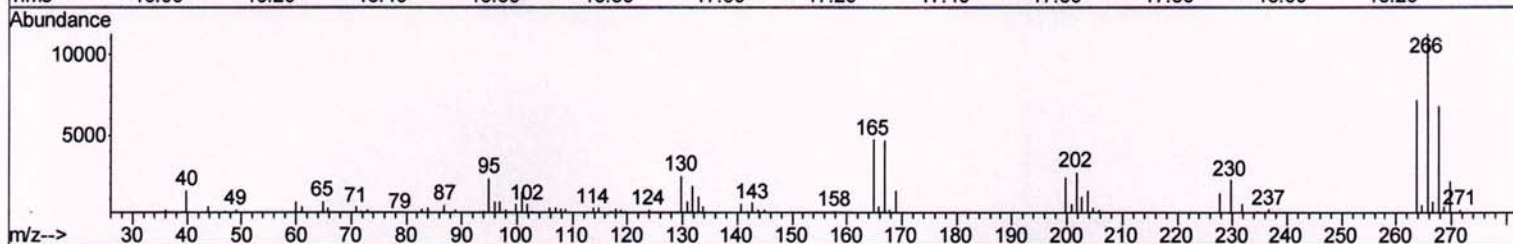
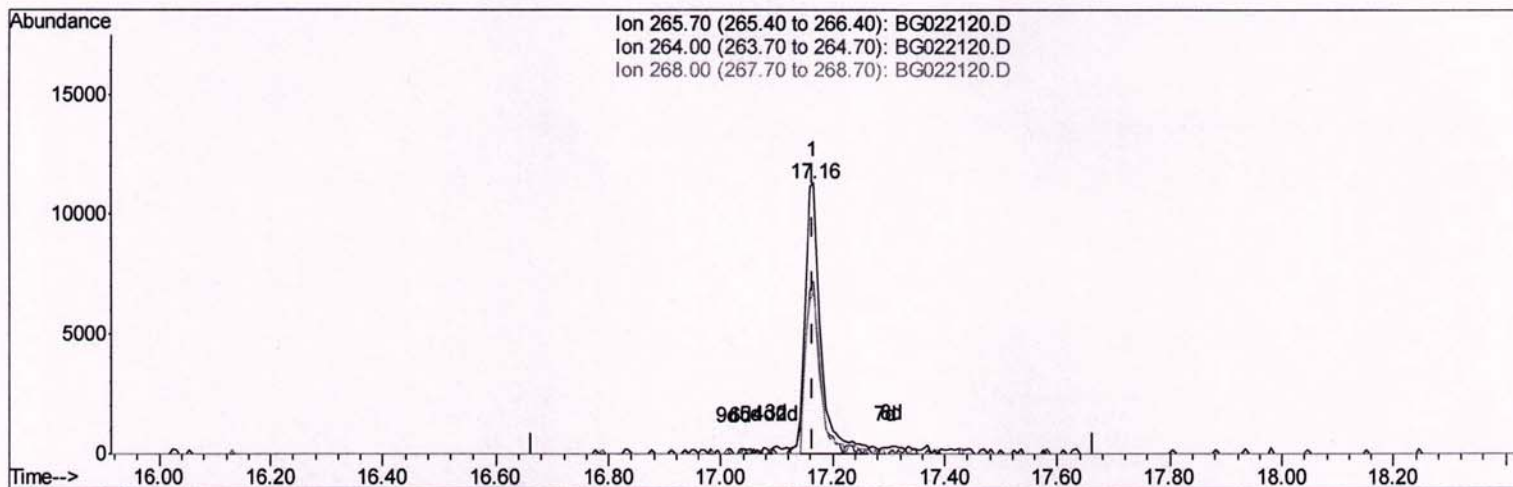
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TIC: BG022120.D

(68) Pentachlorophenol (C)

17.165min (+0.001) 13.29ng/ul m

response 22215

Ion	Exp%	Act%
265.70	100	100
264.00	68.40	63.44
268.00	72.30	60.03
0.00	0.00	0.00

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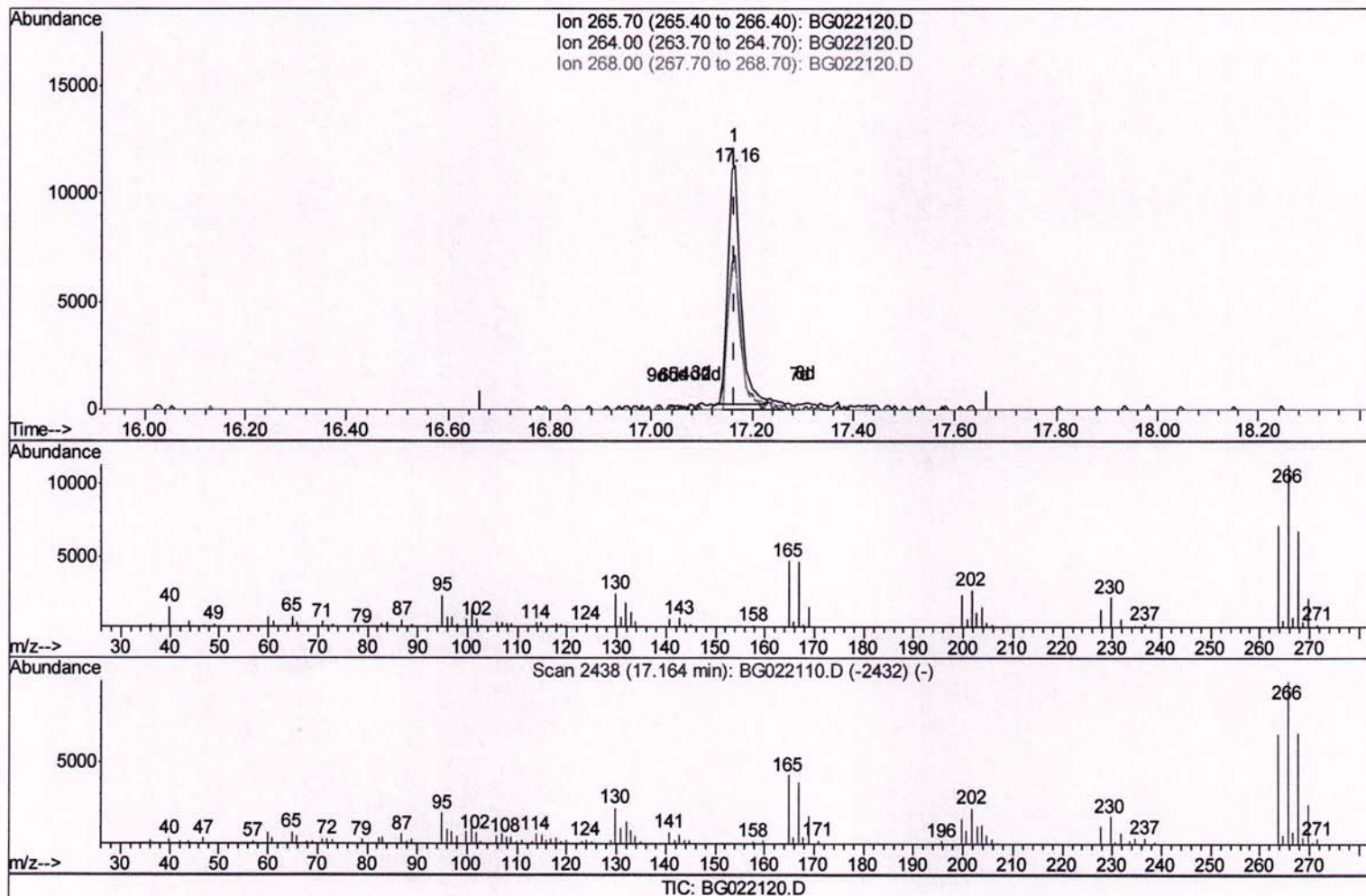
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Manual Integrations
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(68) Pentachlorophenol (C)
 17.165min (+0.001) 11.64ng/ul
 response 19456

Ion	Exp%	Act%
265.70	100	100
264.00	68.40	69.01
268.00	72.30	65.09
0.00	0.00	0.00

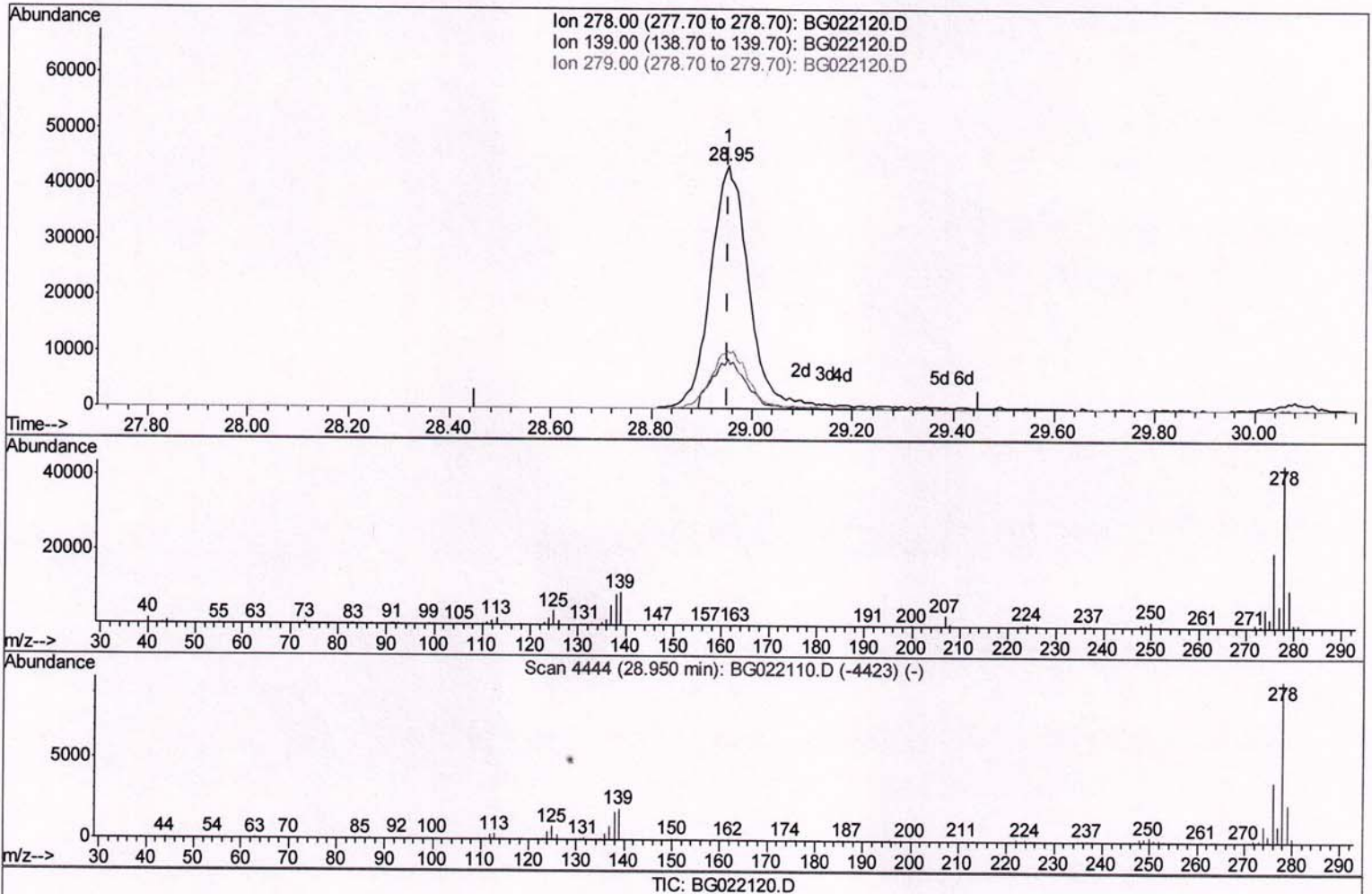
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(90) Dibenzo(a,h)anthracene
 28.951min (+0.001) 18.42ng/ul m
 response 234507

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	20.55
279.00	23.90	23.47
0.00	0.00	0.00

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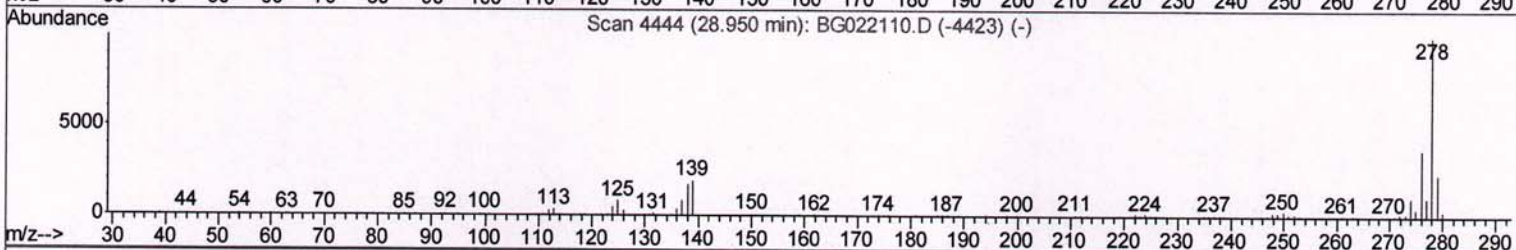
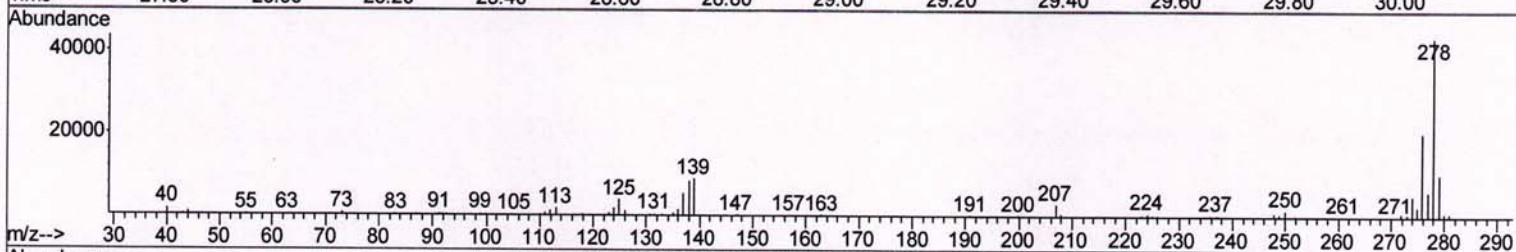
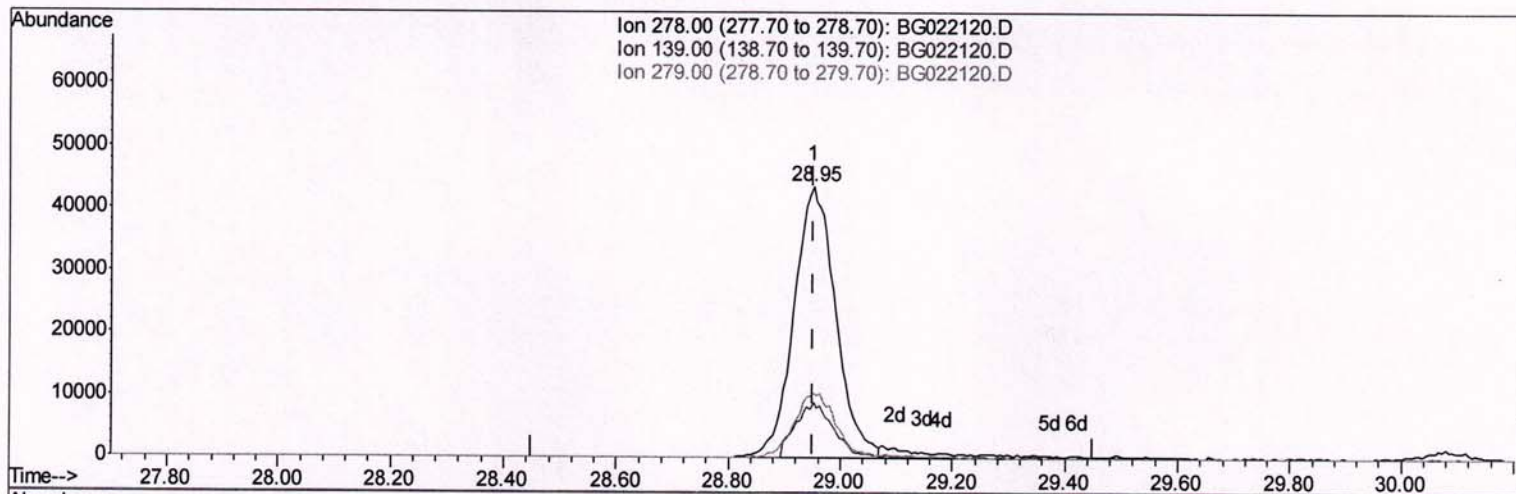
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TIC: BG022120.D

(90) Dibenzo(a,h)anthracene

28.951min (+0.001) 17.78ng/ul

response 226278

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	20.55
279.00	23.90	23.47
0.00	0.00	0.00

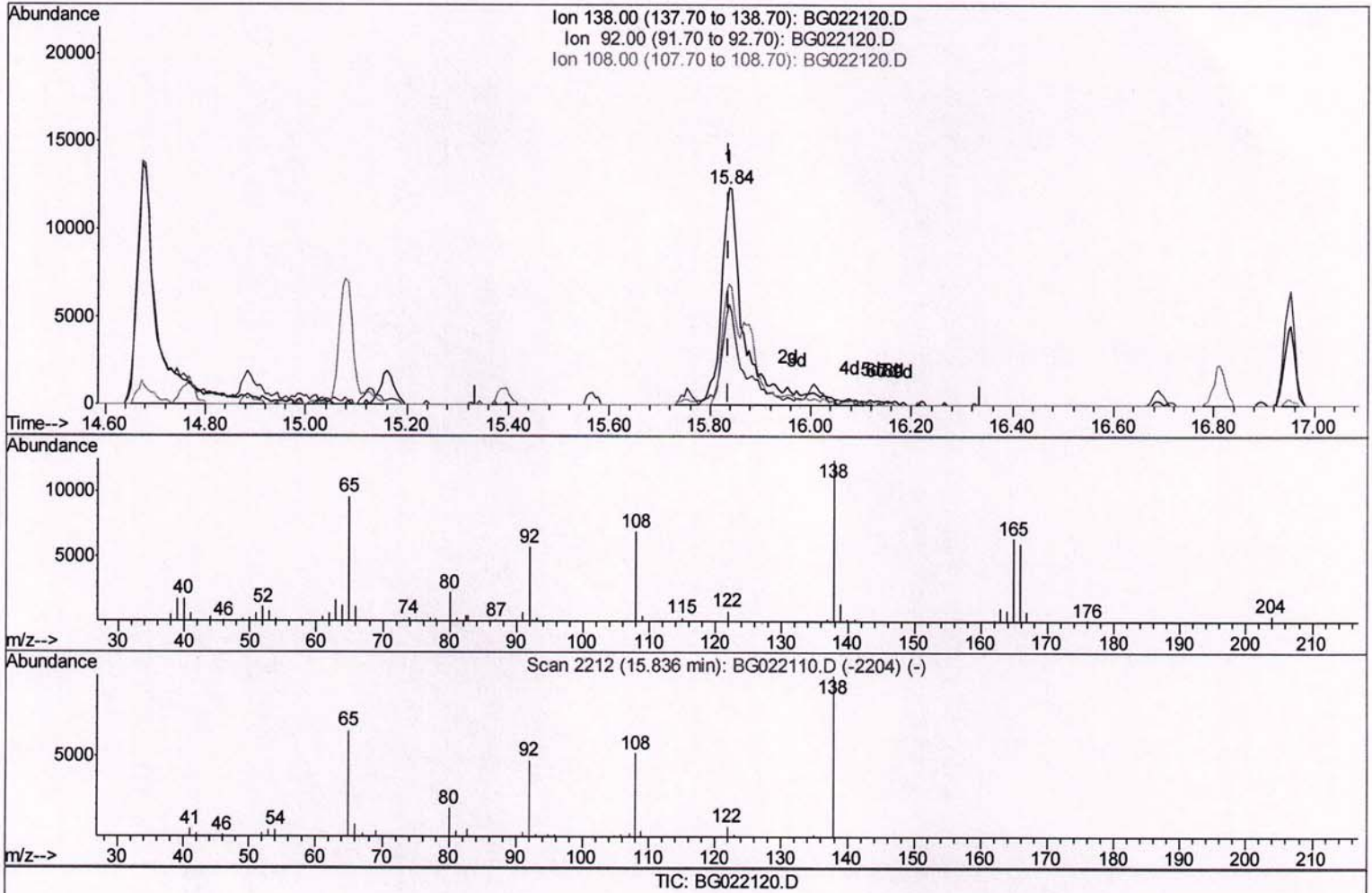
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(60) 4-Nitroaniline

15.837min (+0.001) 19.64ng/ul m

response 39761

Ion	Exp%	Act%
138.00	100	100
92.00	48.70	46.37
108.00	61.50	55.85
0.00	0.00	0.00

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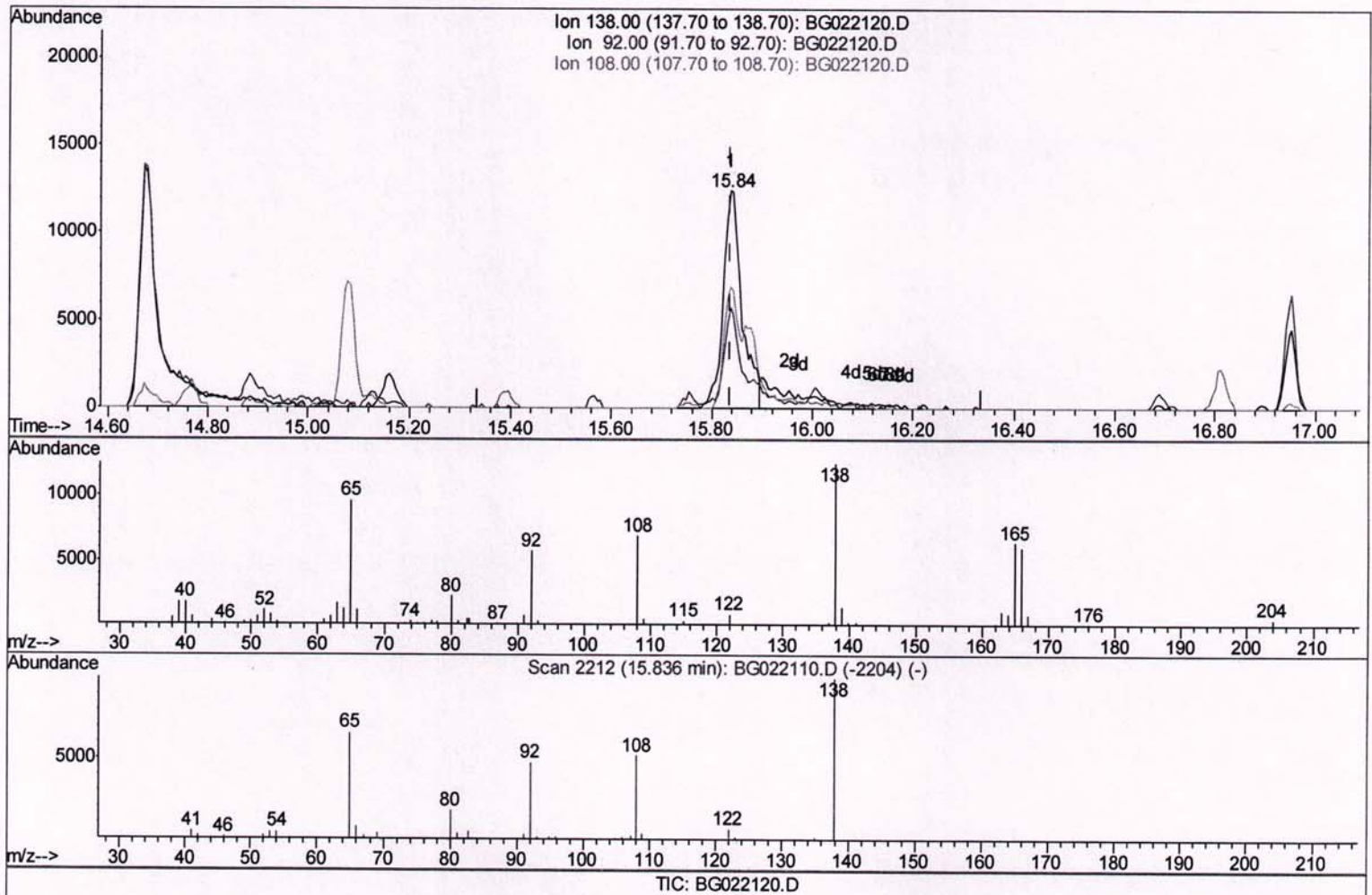
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(60) 4-Nitroaniline

15.837min (+0.001) 16.10ng/ul

response 32598

Ion	Exp%	Act%
138.00	100	100
92.00	48.70	46.37
108.00	61.50	55.85
0.00	0.00	0.00

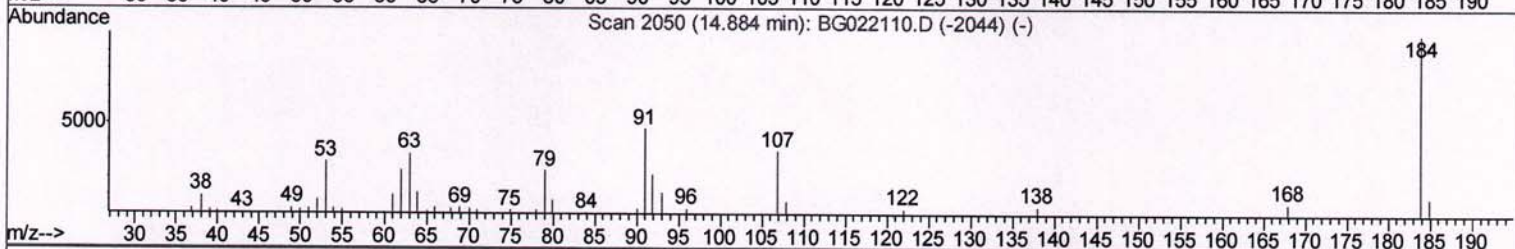
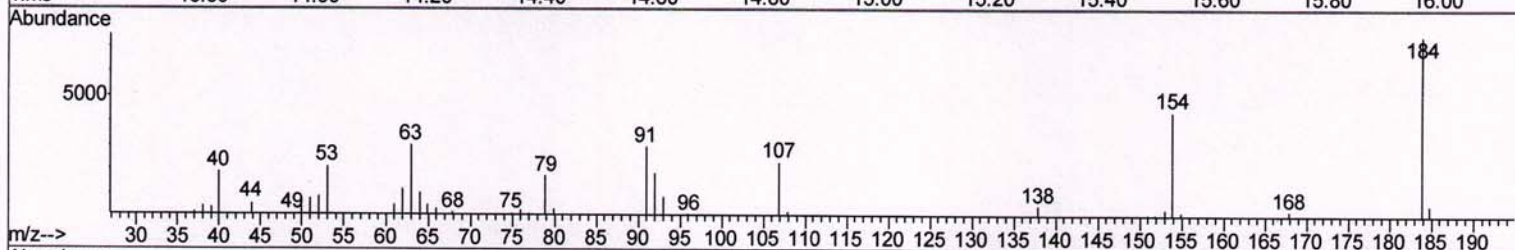
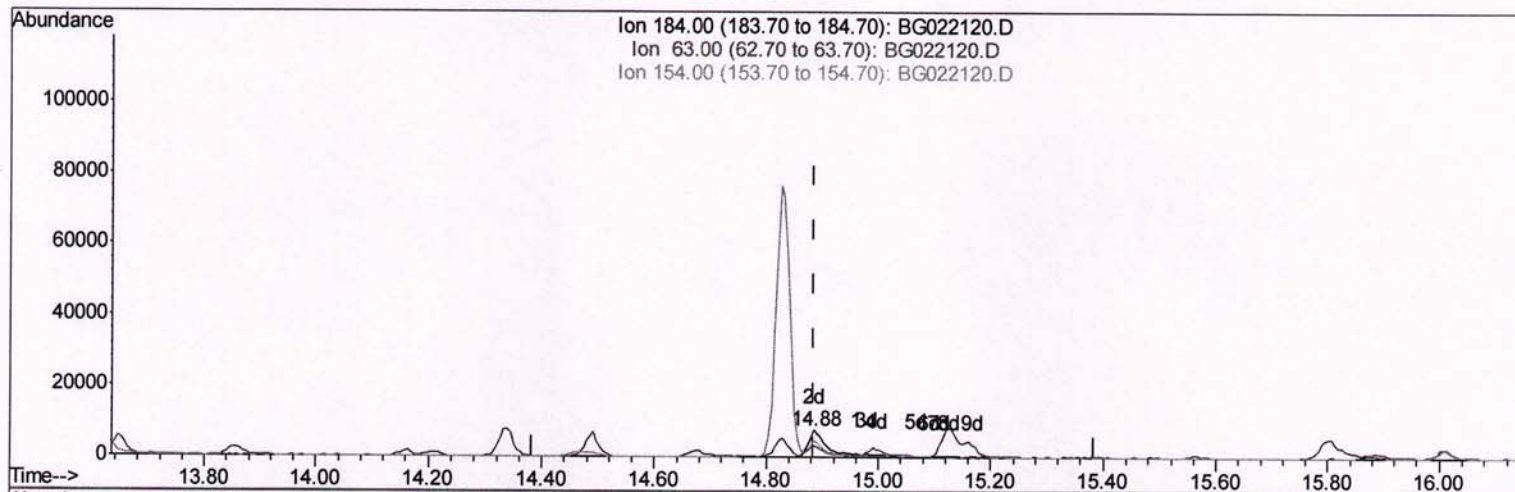
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(50) 2,4-Dinitrophenol
 14.885min (+0.001) 23.58ng/ul m
 response 17579

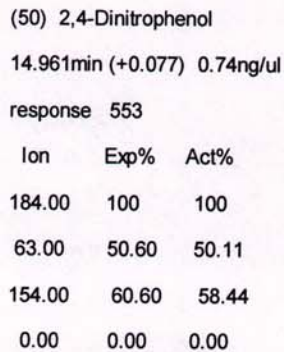
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 06/01/16

Ion	Exp%	Act%
184.00	100	100
63.00	50.60	40.19#
154.00	60.60	58.70
0.00	0.00	0.00

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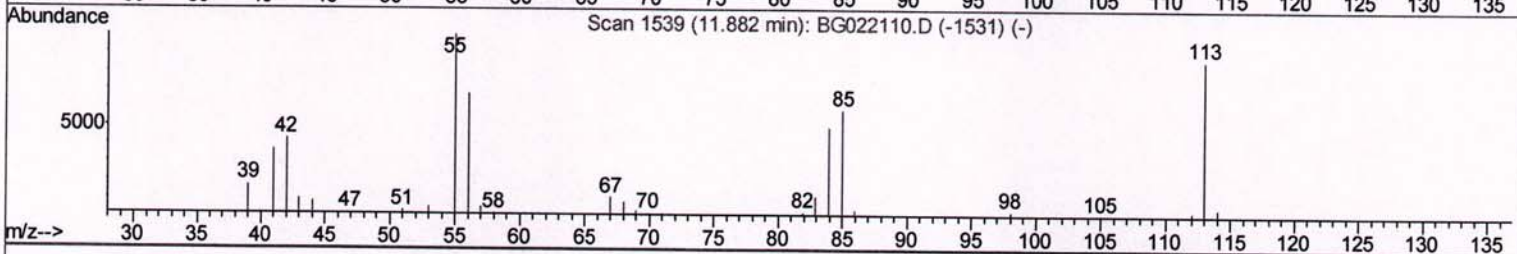
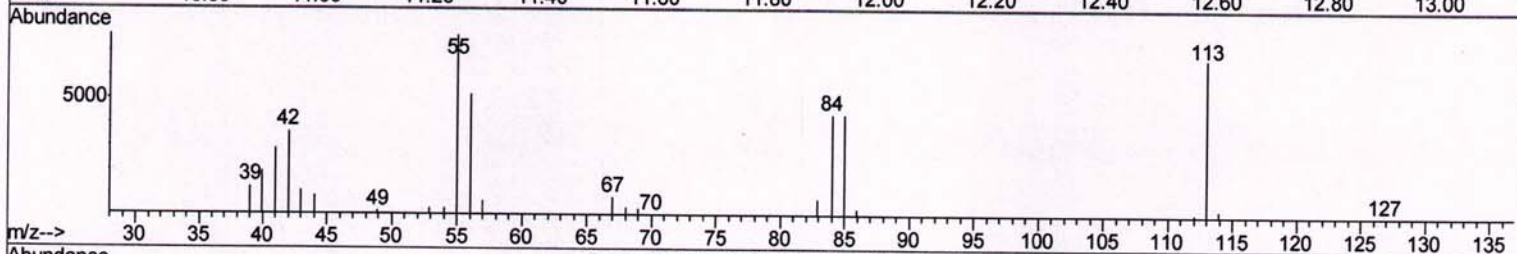
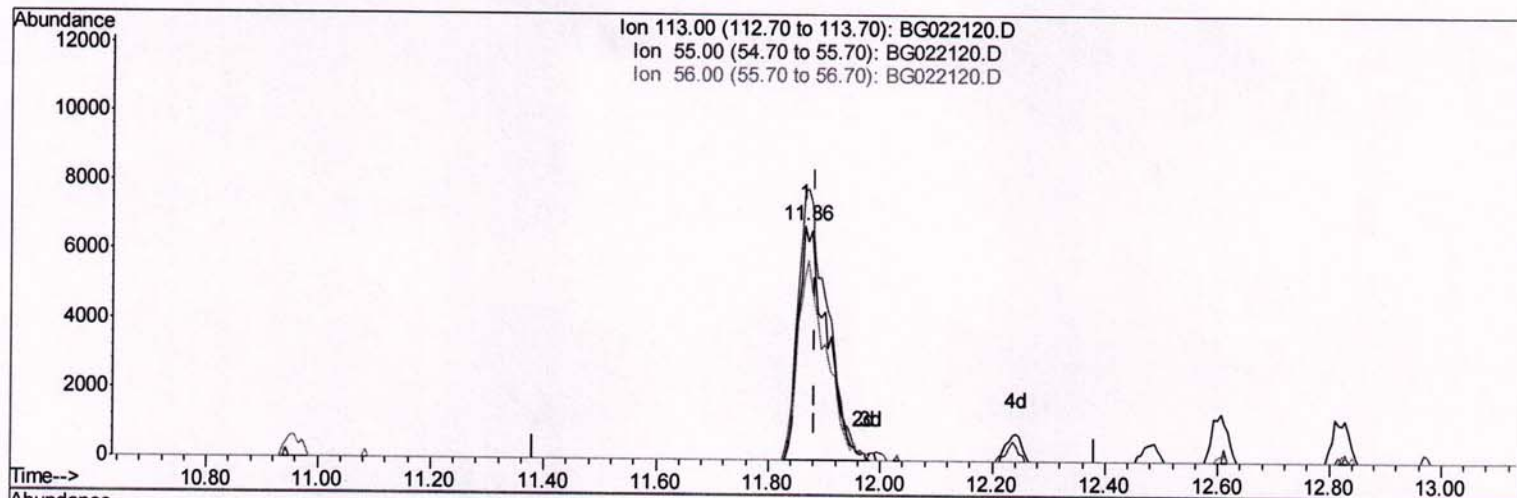
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TIC: BG022120.D

(32) Caprolactam

11.865min (-0.017) 23.78ng/ul m

response 23805

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	113.99
56.00	83.00	77.53
0.00	0.00	0.00

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 06/01/16

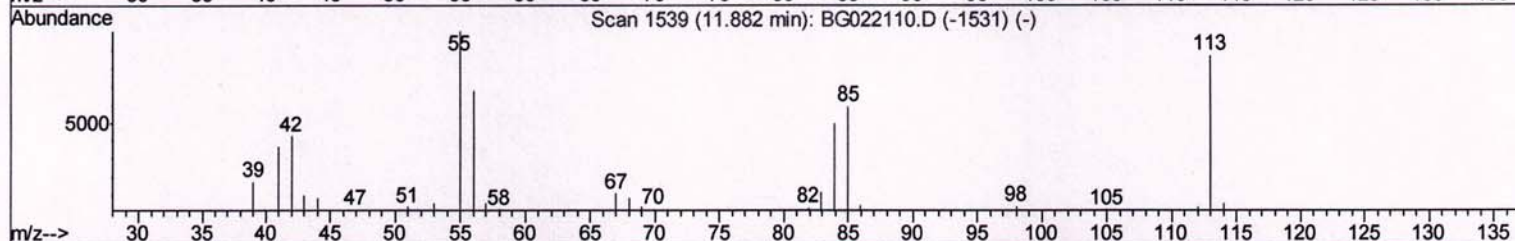
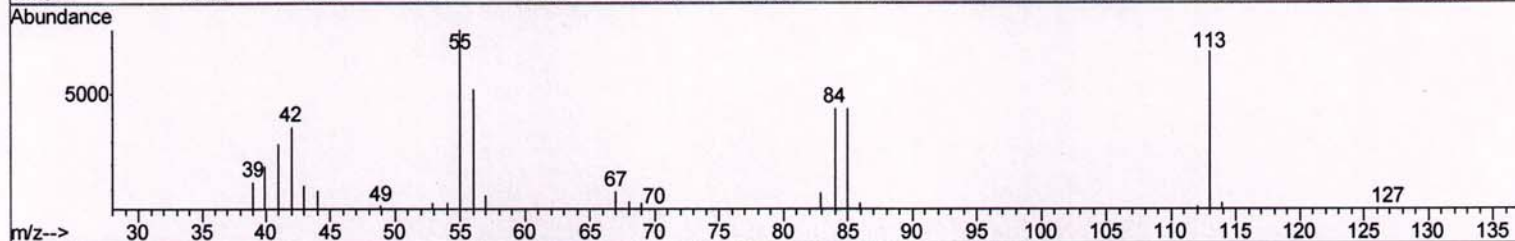
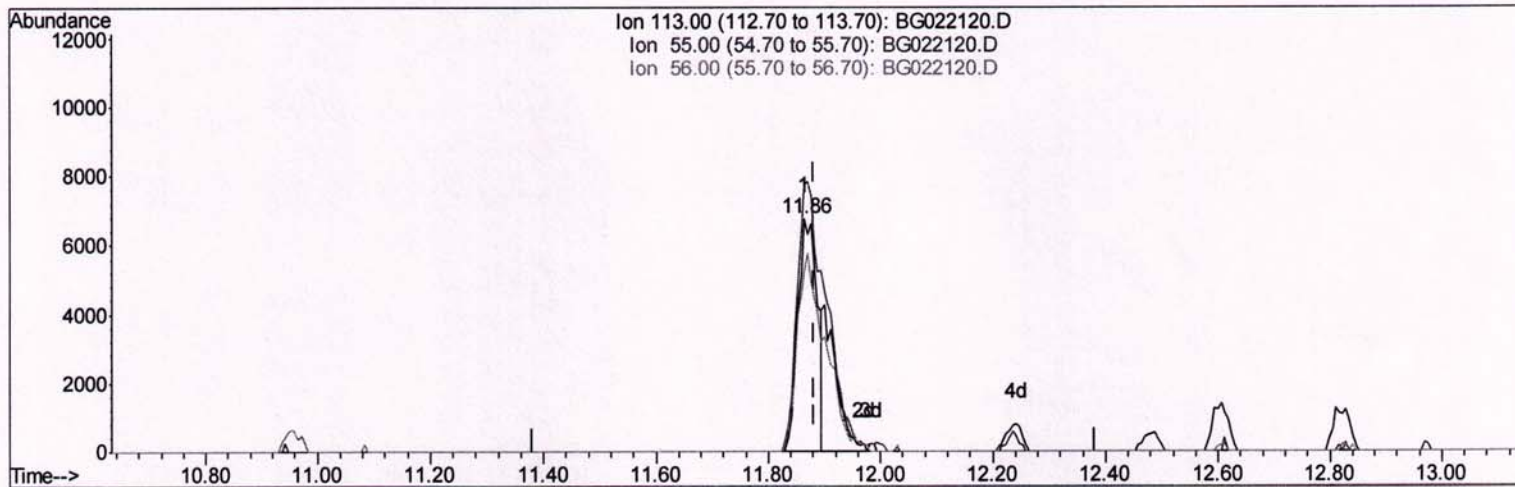
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(32) Caprolactam

11.865min (-0.017) 16.47ng/ul

response 16492

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	113.99
56.00	83.00	77.53
0.00	0.00	0.00

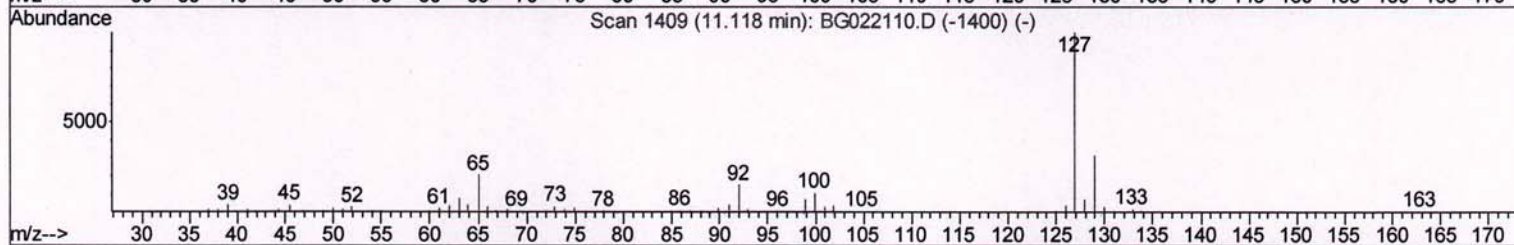
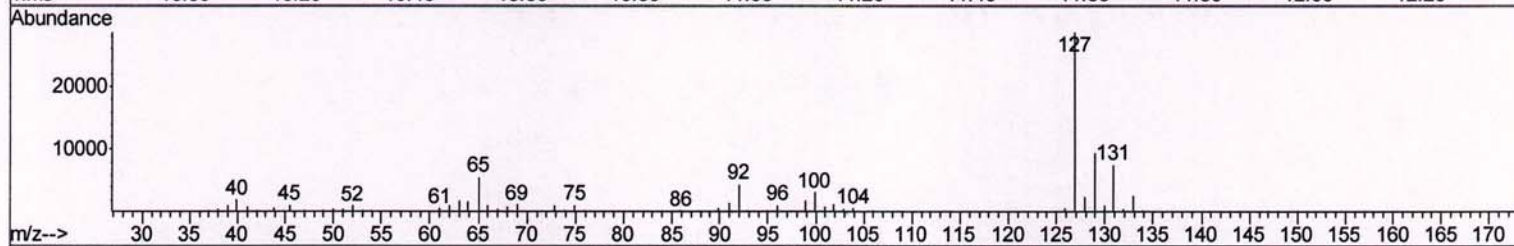
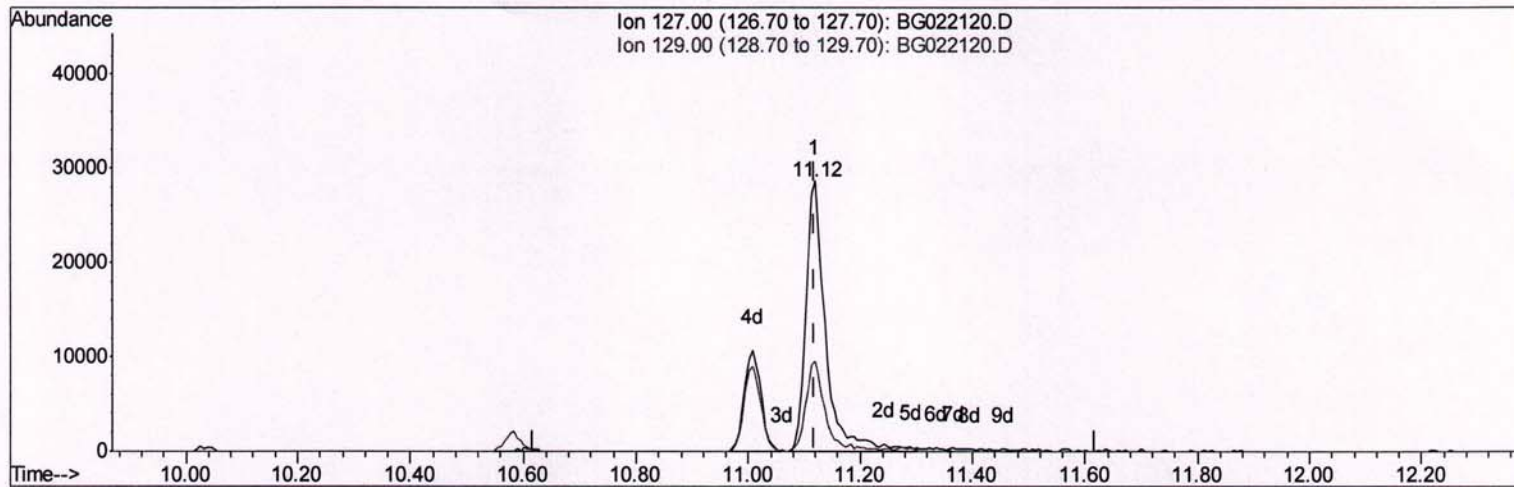
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG053116\
 Data File : BG022120.D
 Acq On : 31 May 2016 19:35
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jun 01 01:08:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 01 01:07:08 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 6/1/2016 4:40:49 PM



TIC: BG022120.D

(30) 4-Chloroaniline

11.119min (+0.001) 25.08ng/ul m

response 69887

Ion	Exp%	Act%
127.00	100	100
129.00	33.60	33.17
0.00	0.00	0.00
0.00	0.00	0.00

UM
 06/01/16

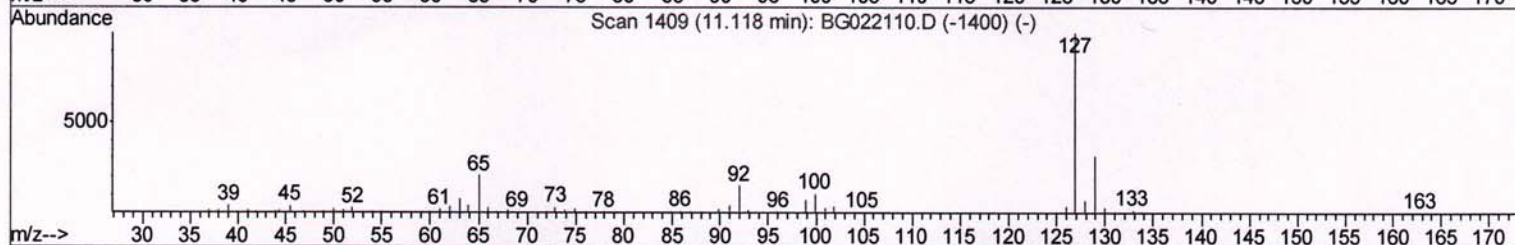
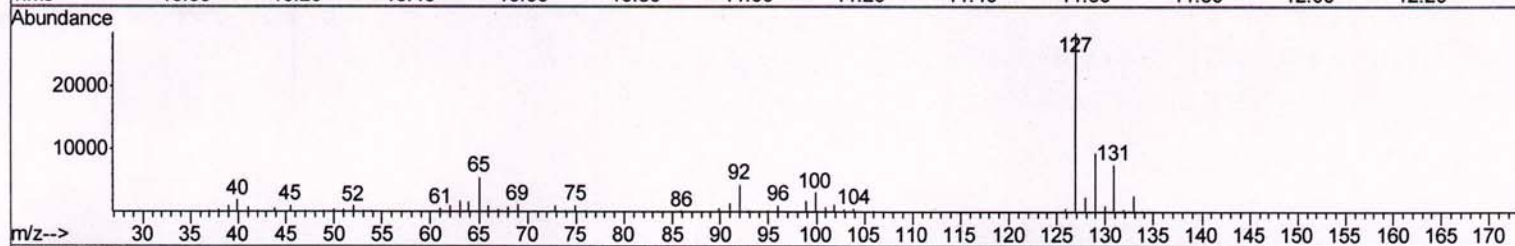
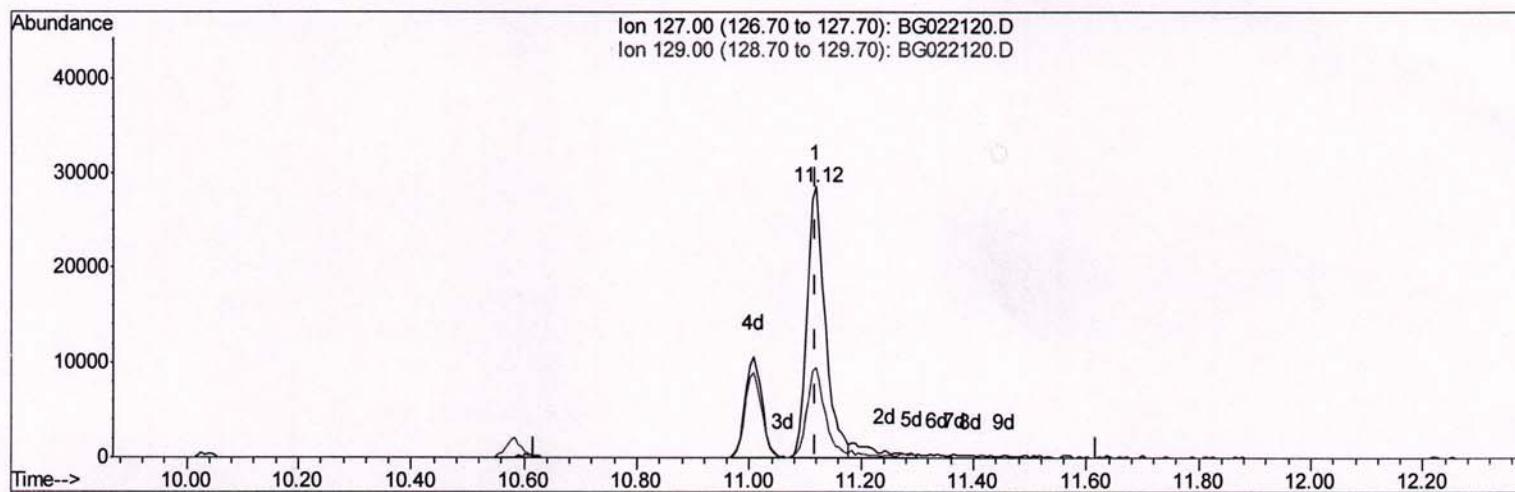
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG053116\
 Data File : BG022120.D
 Acq On : 31 May 2016 19:35
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jun 01 01:08:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 01 01:07:08 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 6/1/2016 4:40:49 PM



TIC: BG022120.D

(30) 4-Chloroaniline

11.119min (+0.001) 23.07ng/ul

response 64269

Ion	Exp%	Act%
127.00	100	100
129.00	33.60	33.17
0.00	0.00	0.00
0.00	0.00	0.00