

```
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG053116\  
Data File : BG022135.D  
Acq On    : 1 Jun 2016    5:45  
Operator  : UM/SJ  
Sample    : SSTDCCC020EC  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02025

BNA G

LabSampleId : SSTD02025

SSTD02025

Manual Integrations

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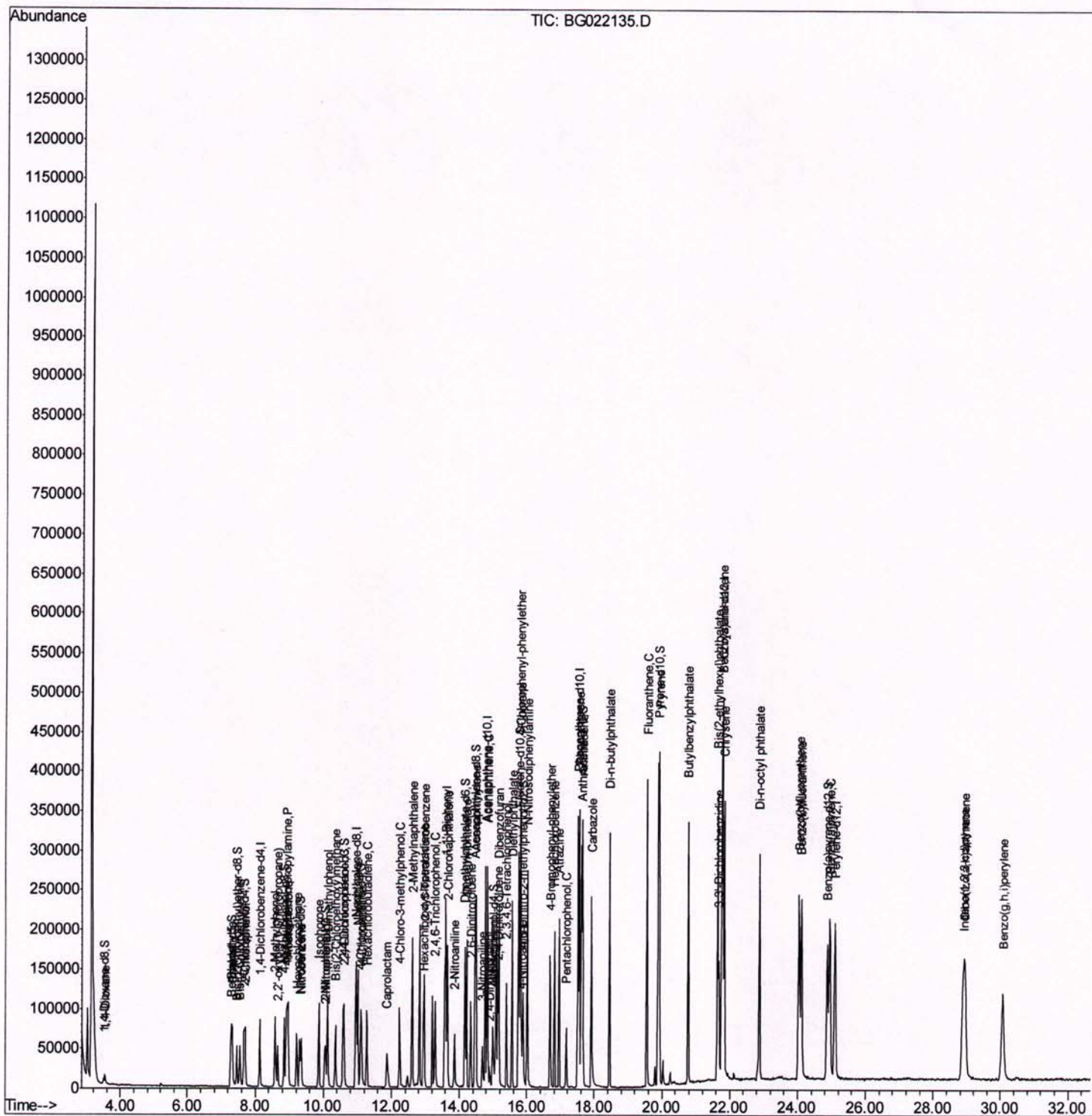
Quant Time: Jun 01 06:42:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 01 01:07:08 2016
Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	52803	16.76	ng/ul	97
37) Hexachlorocyclopentadiene	12.94	237	23382	17.23	ng/ul	94
38) 2,4,6-Trichlorophenol	13.28	196	35926	16.89	ng/ul	97
39) 2,4,5-Trichlorophenol	13.28	196	35926	15.91	ng/ul	95
40) 1,1'-Biphenyl	13.60	154	152422	17.43	ng/ul	98
41) 2-Chloronaphthalene	13.64	162	117707	17.52	ng/ul	96
42) 2-Nitroaniline	13.85	65	25645	16.94	ng/ul	92
44) Dimethylphthalate	14.21	163	155633	19.42	ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	32967	19.17	ng/ul	93
47) Acenaphthylene	14.49	152	204995	18.07	ng/ul	98
48) 3-Nitroaniline	14.68	138	25895	15.72	ng/ul#	95
49) Acenaphthene	14.82	153	139057	17.74	ng/ul	98
50) 2,4-Dinitrophenol	14.88	184	10553	15.85	ng/ul#	82
52) 4-Nitrophenol	15.00	109	12513	16.15	ng/ul	87
53) Dibenzofuran	15.16	168	182144	18.79	ng/ul	98
54) 2,4-Dinitrotoluene	15.12	165	46262	19.95	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.39	232	31743	17.78	ng/ul	96
56) Diethylphthalate	15.56	149	163742	19.69	ng/ul	99
58) Fluorene	15.81	166	156820	19.17	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.79	204	69855	18.96	ng/ul	97
60) 4-Nitroaniline	15.84	138	30988	17.13	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.89	198	23087	17.47	ng/ul	96
64) N-Nitrosodiphenylamine	16.01	169	132982	17.22	ng/ul	100
65) 4-Bromophenyl-phenylether	16.69	248	41984	17.01	ng/ul	92
66) Hexachlorobenzene	16.81	284	50857	17.74	ng/ul	99
67) Atrazine	16.95	200	50865	19.12	ng/ul	99
68) Pentachlorophenol	17.16	266	17601m	11.80	ng/ul	
69) Phenanthrene	17.55	178	246493	18.14	ng/ul	99
71) Anthracene	17.64	178	250302	18.19	ng/ul	99
72) Carbazole	17.91	167	219022	18.36	ng/ul	100
73) Di-n-butylphthalate	18.44	149	300280	18.79	ng/ul	99
74) Fluoranthene	19.55	202	274248	19.75	ng/ul	98
77) Pyrene	19.91	202	277231	16.16	ng/ul	100
78) Butylbenzylphthalate	20.78	149	132899	16.35	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.68	252	77433	16.90	ng/ul	98
80) Benzo(a)anthracene	21.76	228	246325	17.23	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.64	149	196696	17.00	ng/ul	99
82) Chrysene	21.83	228	237037	17.28	ng/ul	98
84) Di-n-octyl phthalate	22.88	149	327997	17.95	ng/ul	100
85) Benzo(b)fluoranthene	24.04	252	250704	19.10	ng/ul	97
86) Benzo(k)fluoranthene	24.11	252	230677	18.06	ng/ul	97
88) Benzo(a)pyrene	24.94	252	228353	18.03	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.89	276	265122	18.26	ng/ul	95
90) Dibenzo(a,h)anthracene	28.95	278	218080m	17.95	ng/ul	
91) Benzo(g,h,i)perylene	30.08	276	220174	18.93	ng/ul	96

(#) = 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	8.14	152	34128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	175354	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	106203	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	244279	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	243769	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	224254	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	5476	8.36	ng/uL	0.00
5) Phenol-d5	7.30	99	52961	17.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	27437	16.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	46300	17.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	46037	17.60	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	24027	18.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	25754	18.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	45916	18.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	61724m	22.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	156376	19.60	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	202706	18.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	23346	17.00	ng/ul	0.00
57) Fluorene-d10	15.75	176	141840	18.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	22761	17.83	ng/ul	0.00
70) Anthracene-d10	17.60	188	215137	18.35	ng/ul	0.00
76) Pyrene-d10	19.88	212	226287	16.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	193540	18.60	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.54	88	9211	7.76 ng/uL#	85
4) Benzaldehyde	7.27	77	21023	12.37 ng/ul	92
6) Phenol	7.32	94	54666	17.60 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.54	93	41454	18.27 ng/ul	96
10) 2-Chlorophenol	7.70	128	46514	18.31 ng/ul	96
11) 2-Methylphenol	8.58	108	44297	17.86 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.66	45	46508	17.16 ng/ul	96
14) Acetophenone	8.96	105	68109	18.62 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.94	70	34631	18.34 ng/ul	98
16) 4-Methylphenol	8.91	108	48218	18.03 ng/ul	92
17) Hexachloroethane	9.22	117	18078	17.85 ng/ul#	92
20) Nitrobenzene	9.35	77	46389	17.72 ng/ul	95
21) Isophorone	9.87	82	103912	18.62 ng/ul	97
23) 2-Nitrophenol	10.07	139	27248	18.61 ng/ul	94
24) 2,4-Dimethylphenol	10.12	107	49125	17.38 ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.35	93	60782	18.98 ng/ul	97
27) 2,4-Dichlorophenol	10.61	162	45470	18.75 ng/ul	96
28) Naphthalene	11.01	128	160065	18.00 ng/ul	98
30) 4-Chloroaniline	11.12	127	58962	21.80 ng/ul	98
31) Hexachlorobutadiene	11.28	225	26532	18.56 ng/ul#	86
32) Caprolactam	11.86	113	19119	19.67 ng/ul	93
33) 4-Chloro-3-methylphenol	12.24	107	48905	18.93 ng/ul	95
34) 2-Methylnaphthalene	12.60	142	117095	18.42 ng/ul	98

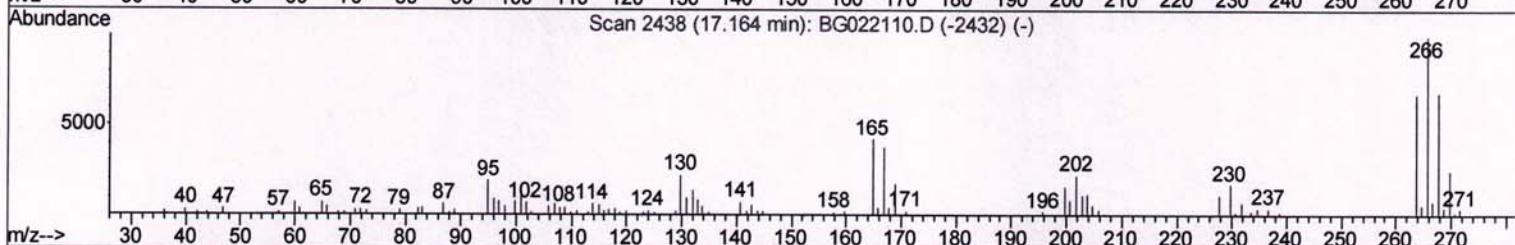
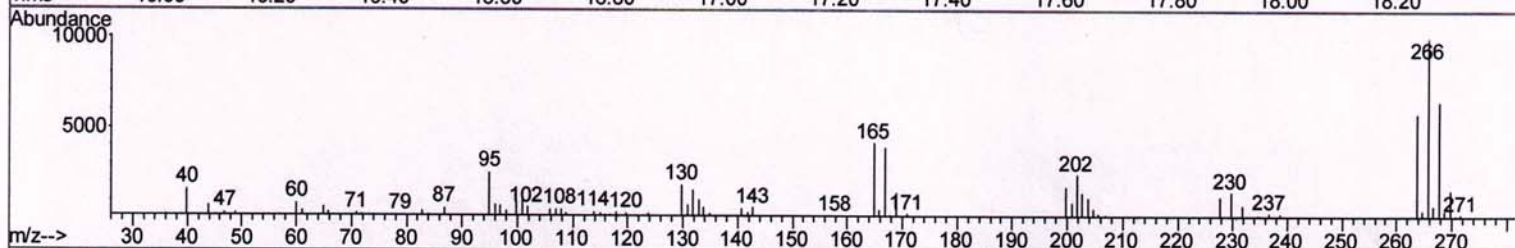
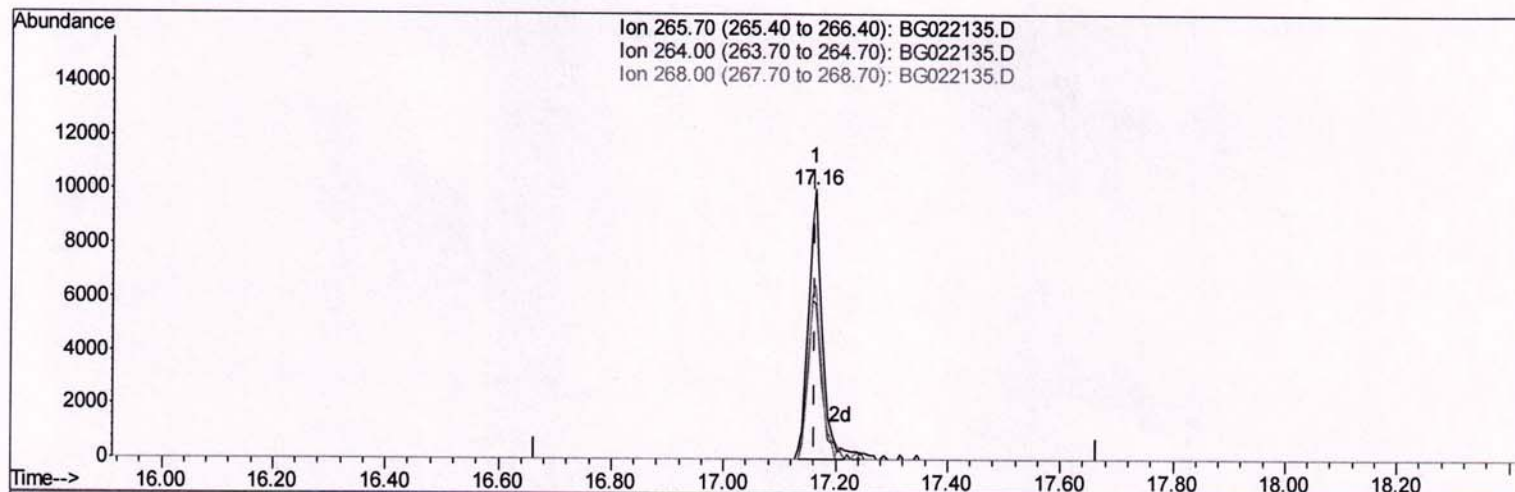
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TIC: BG022135.D

(68) Pentachlorophenol (C)

17.163min (-0.001) 11.80ng/ul m

response 17601

Ion	Exp%	Act%
265.70	100	100
264.00	68.40	57.87
268.00	72.30	64.63
0.00	0.00	0.00

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06/01/16

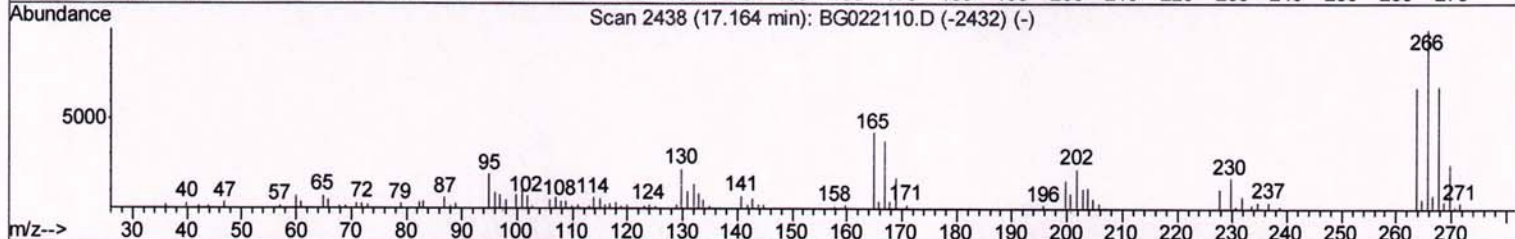
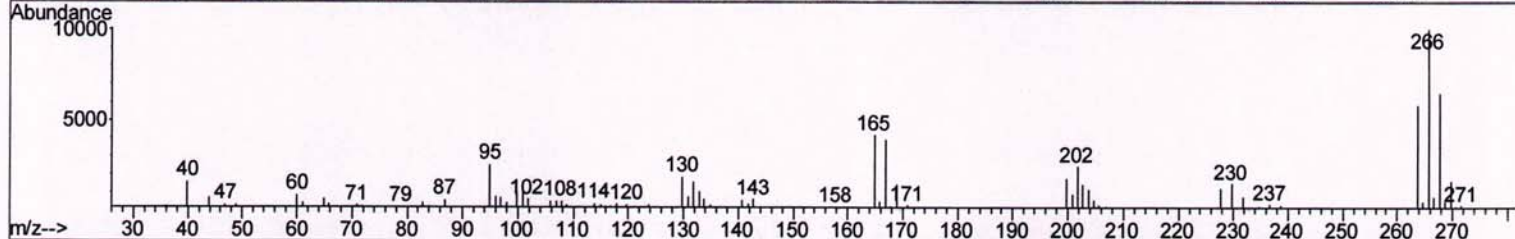
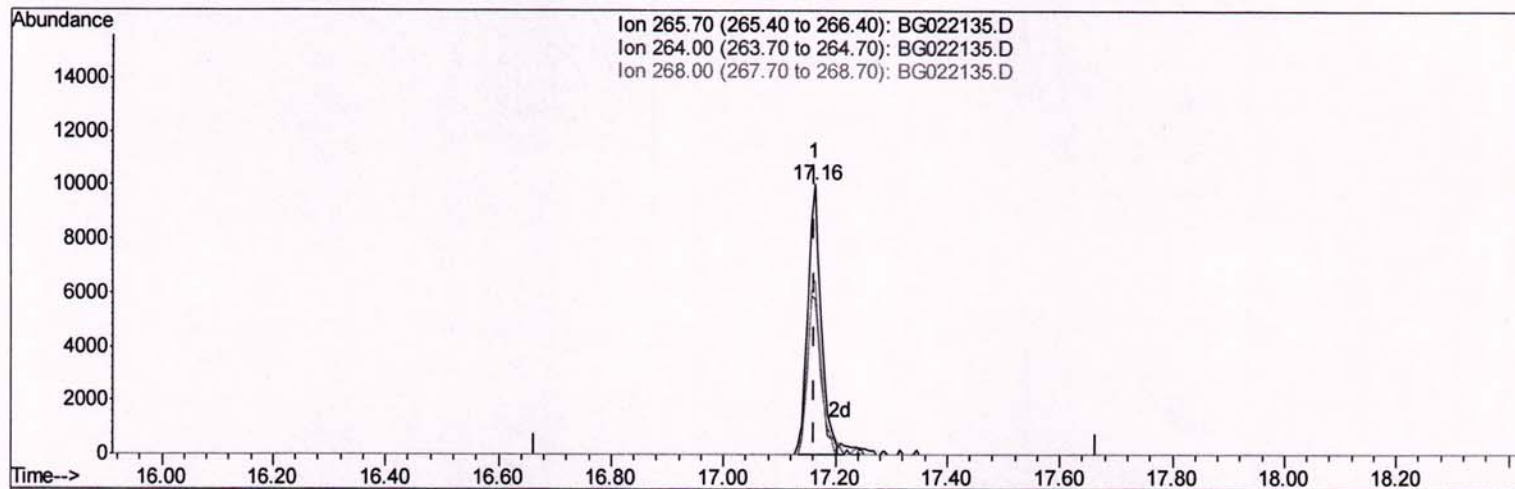
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Manual Integrations
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TIC: BG022135.D

(68) Pentachlorophenol (C)

17.163min (-0.001) 11.13ng/ul

response 16602

Ion	Exp%	Act%
265.70	100	100
264.00	68.40	62.62
268.00	72.30	69.67
0.00	0.00	0.00

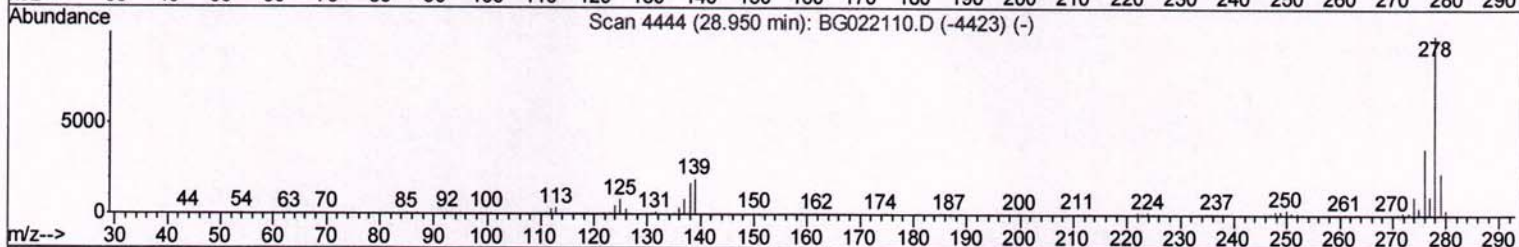
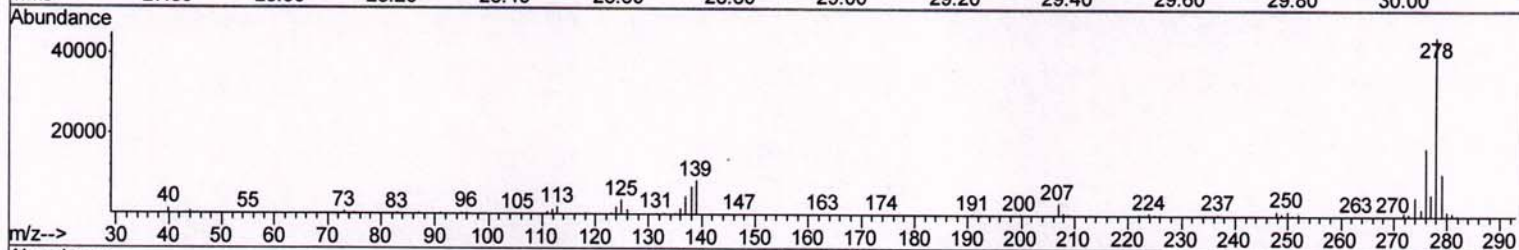
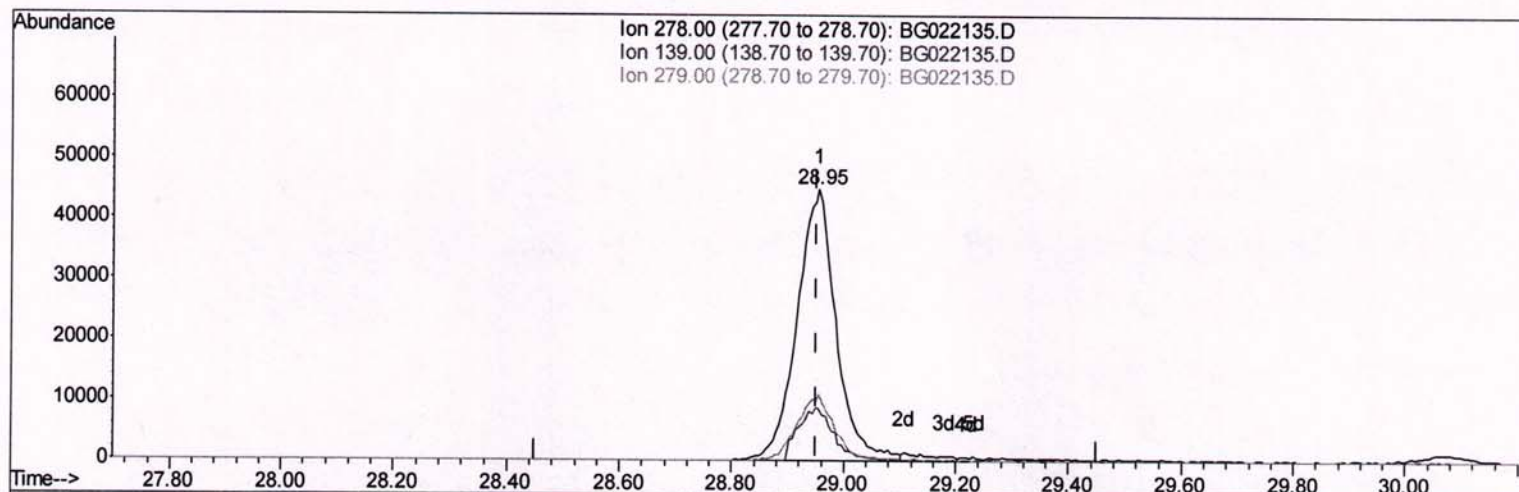
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TIC: BG022135.D

(90) Dibenzo(a,h)anthracene

28.955min (+0.005) 17.95ng/ul m

response 218080

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	19.23
279.00	23.90	24.40
0.00	0.00	0.00

U.A.
 06/01/16

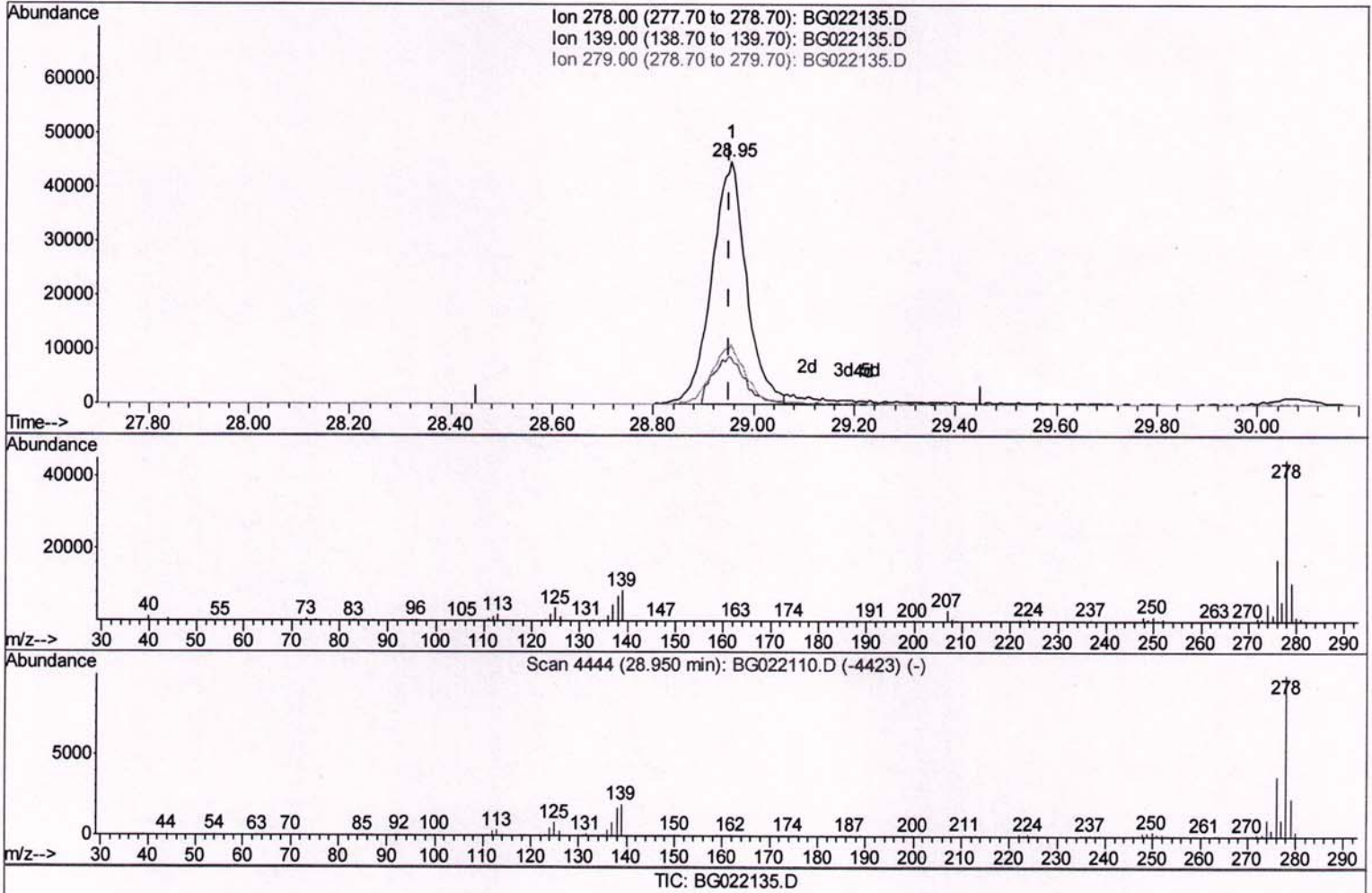
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(90) Dibenzo(a,h)anthracene

28.955min (+0.005) 17.66ng/ul

response 214576

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	19.23
279.00	23.90	24.40
0.00	0.00	0.00

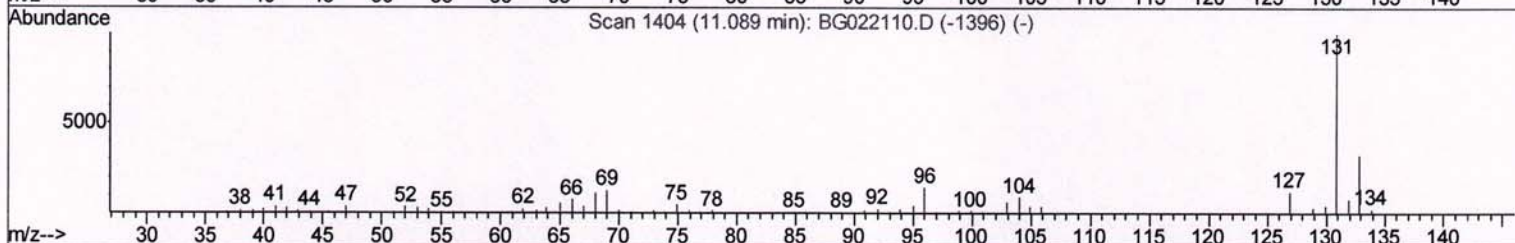
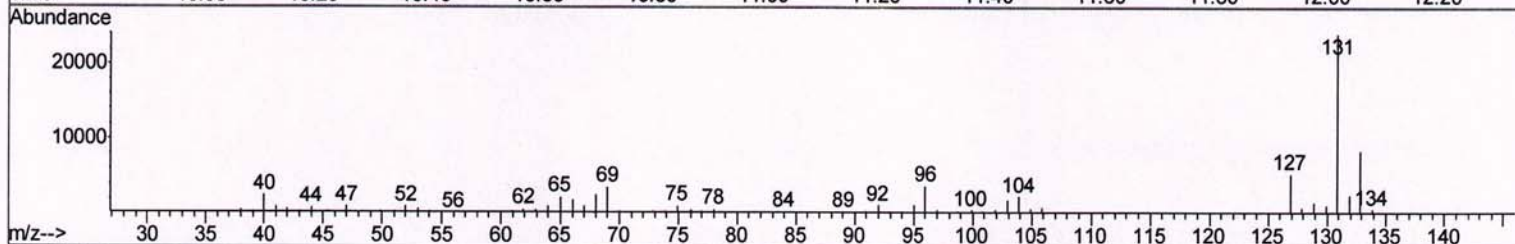
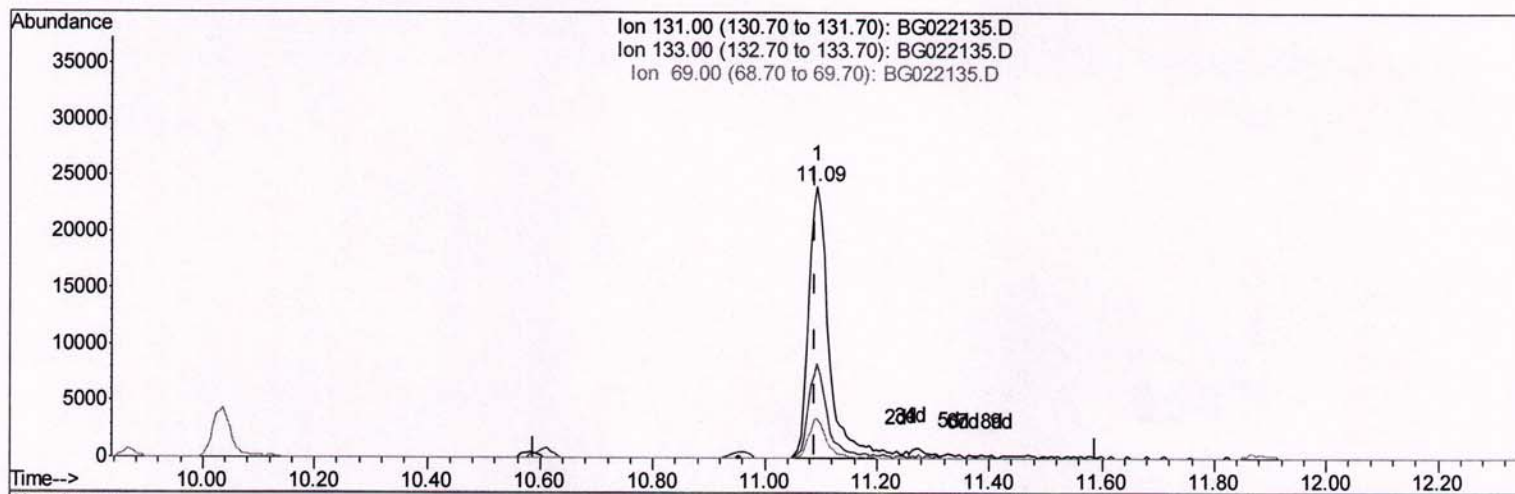
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TIC: BG022135.D

(29) 4-Chloroaniline-d4 (S)

11.093min (+0.005) 22.93ng/ul m

response 61724

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	34.52
69.00	15.40	14.45
0.00	0.00	0.00

U.S.
06/01/16

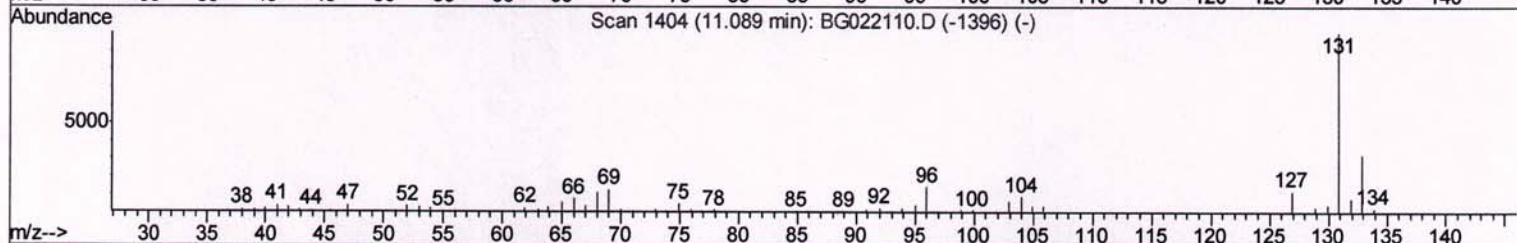
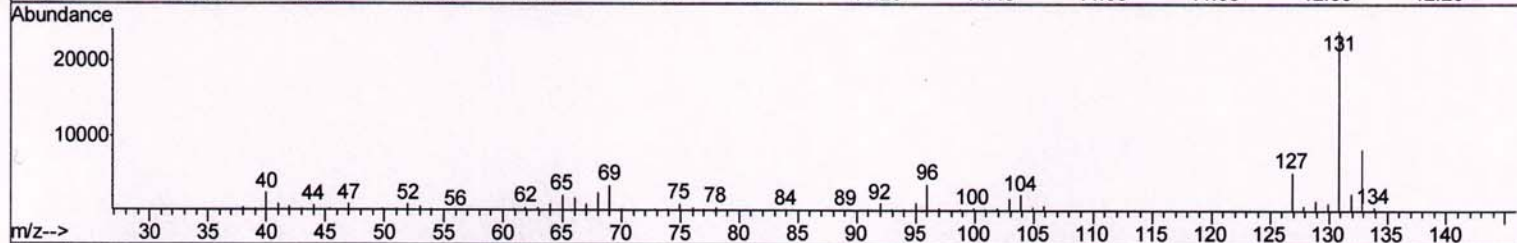
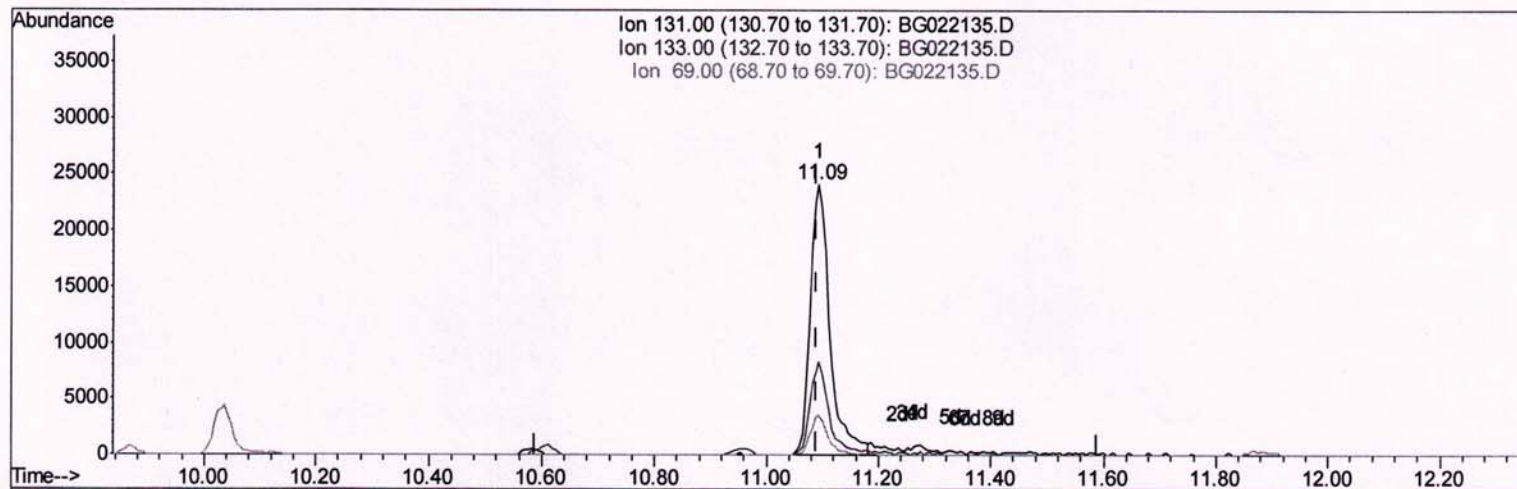
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TIC: BG022135.D

(29) 4-Chloroaniline-d4 (S)

11.093min (+0.005) 21.89ng/ul

response 58917

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	34.52
69.00	15.40	14.45
0.00	0.00	0.00