

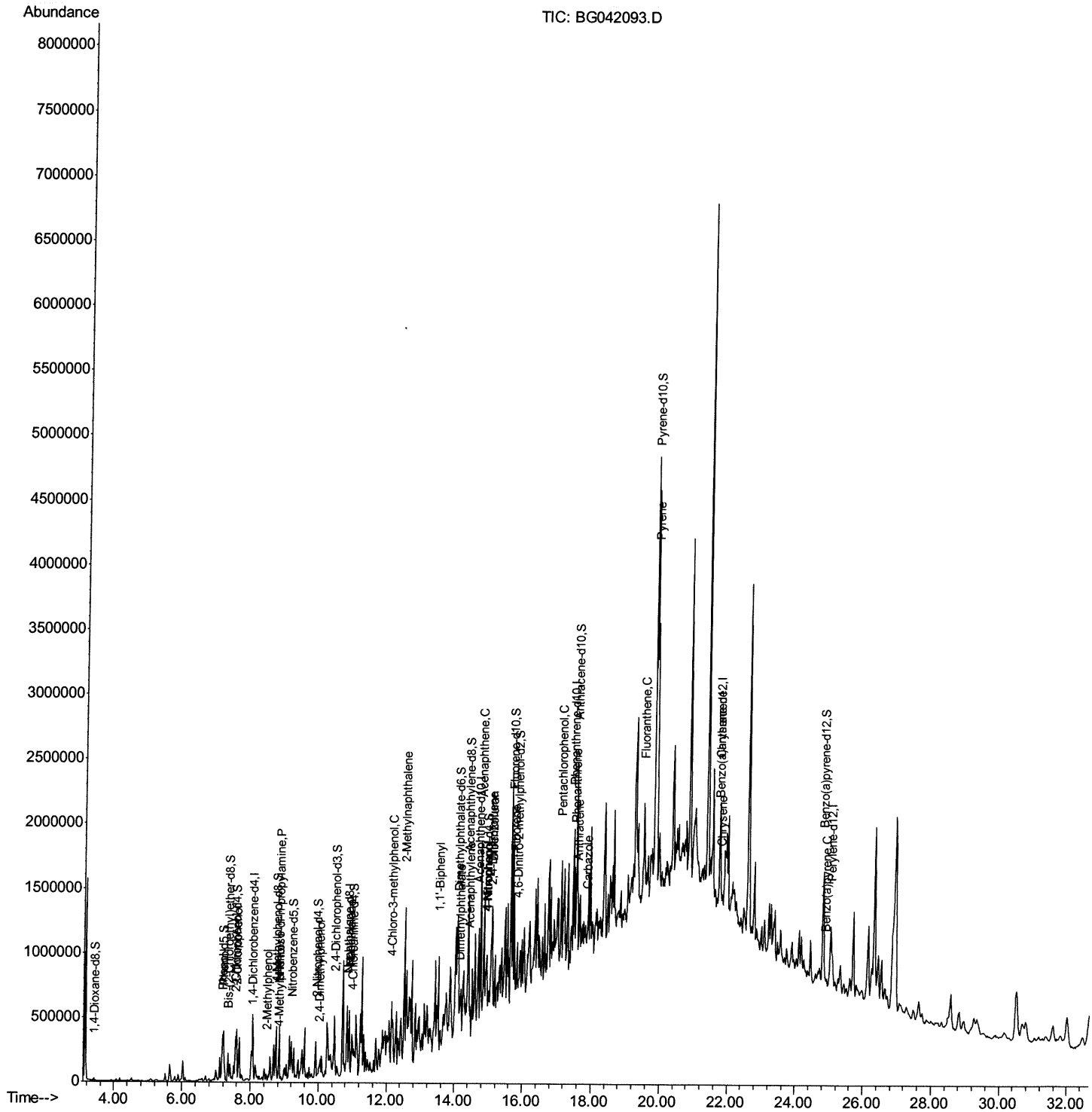
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042093.D
Acq On : 9 Aug 2019 8:53
Operator : HP/JU
Sample : K4147-04MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AM5MSD

Manual Integrations
APPROVED

Sohil
8/13/2019 8:16:42 AM

Quant Time: Aug 10 22:03:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

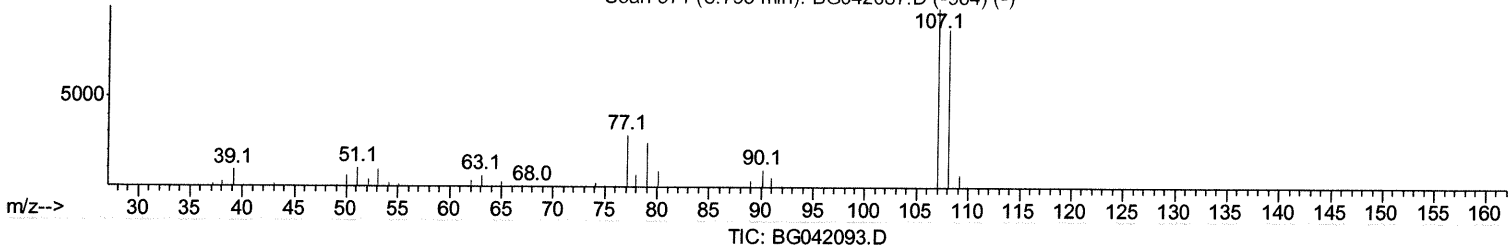
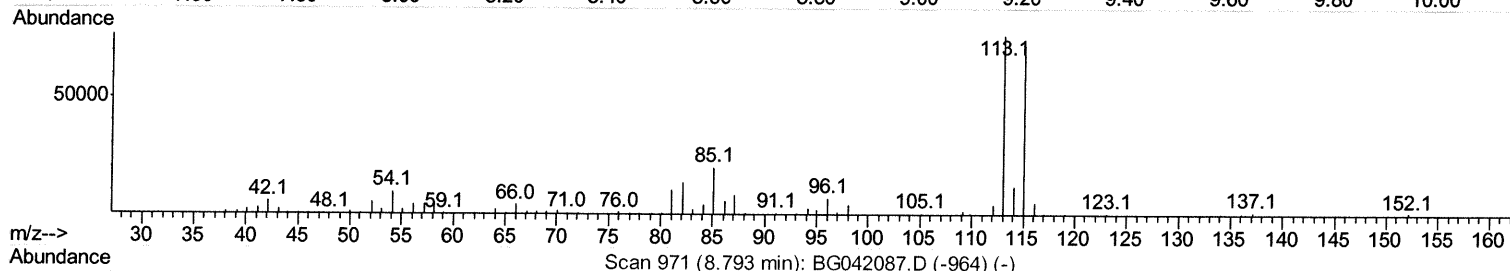
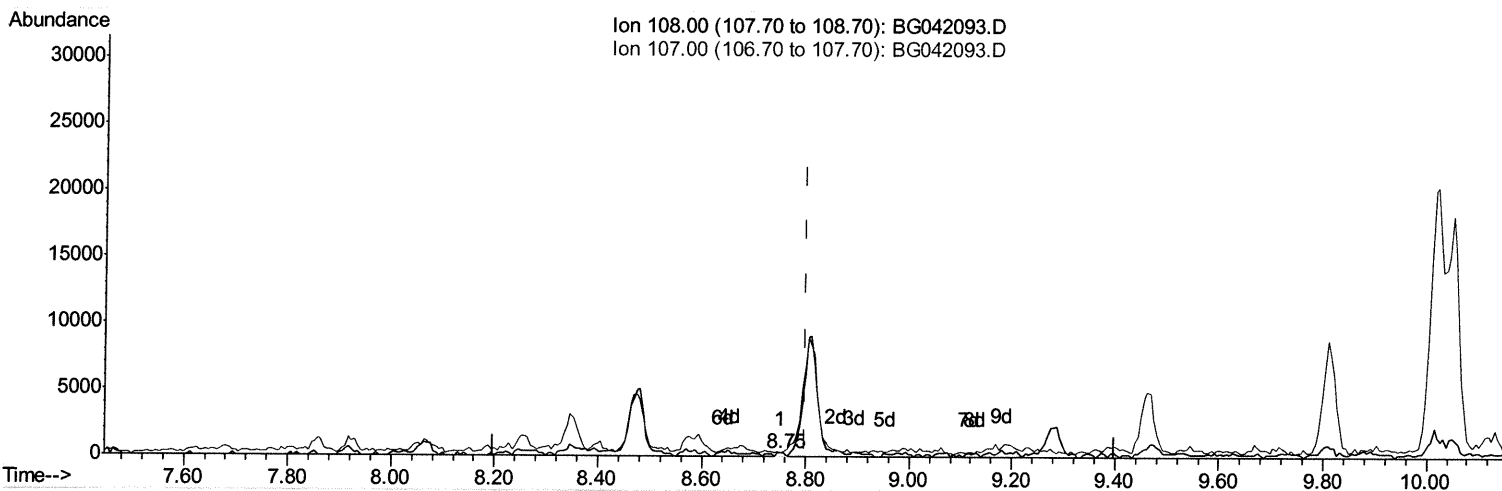
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(16) 4-Methylphenol

8.751min (-0.048) 0.05ng/ul

response 265

Ion	Exp%	Act%
108.00	100	100
107.00	120.20	111.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

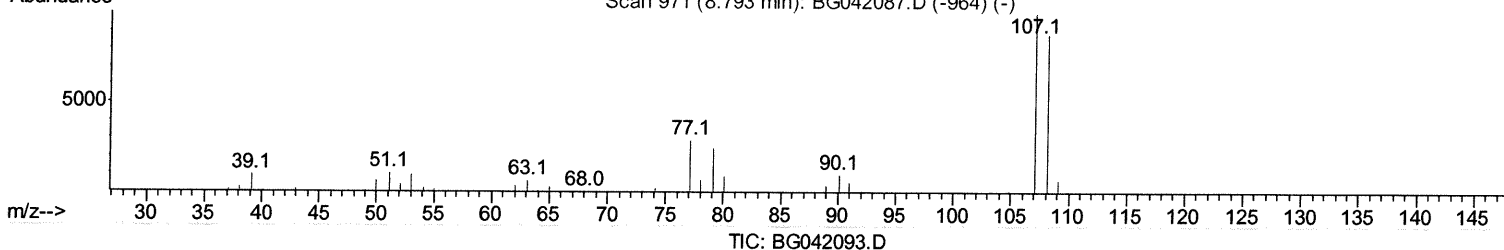
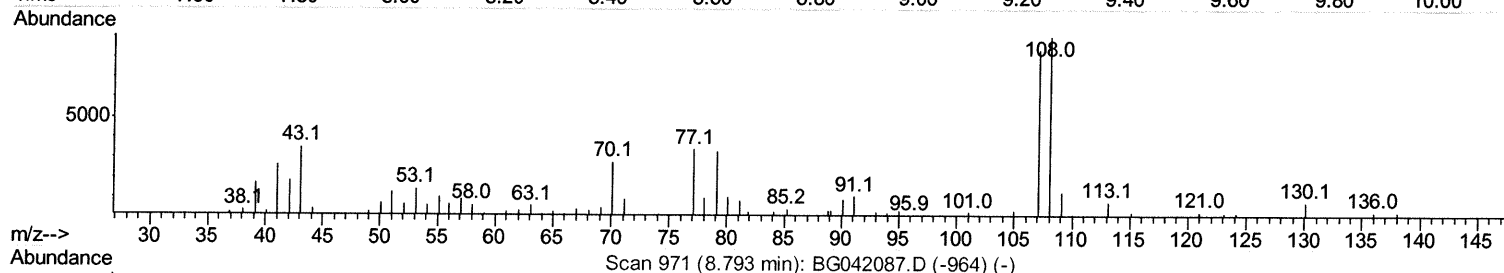
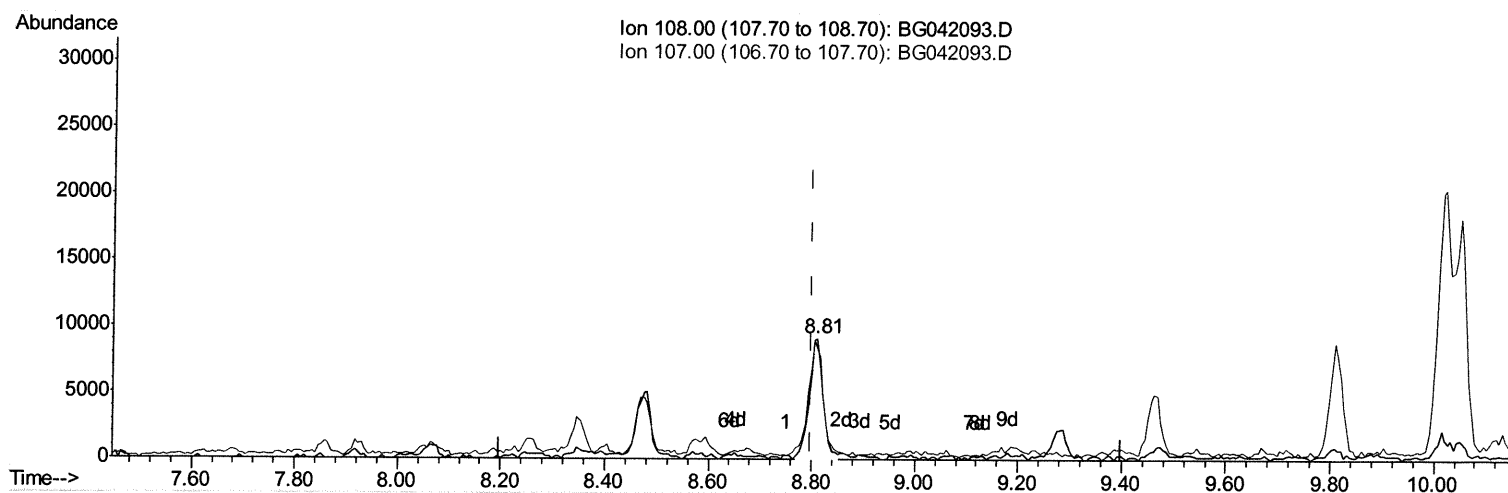
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(16) 4-Methylphenol

8.810min (+0.011) 3.17ng/ul m

JU
08/12/19

response 17435

Ion	Exp%	Act%
108.00	100	100
107.00	120.20	92.92#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

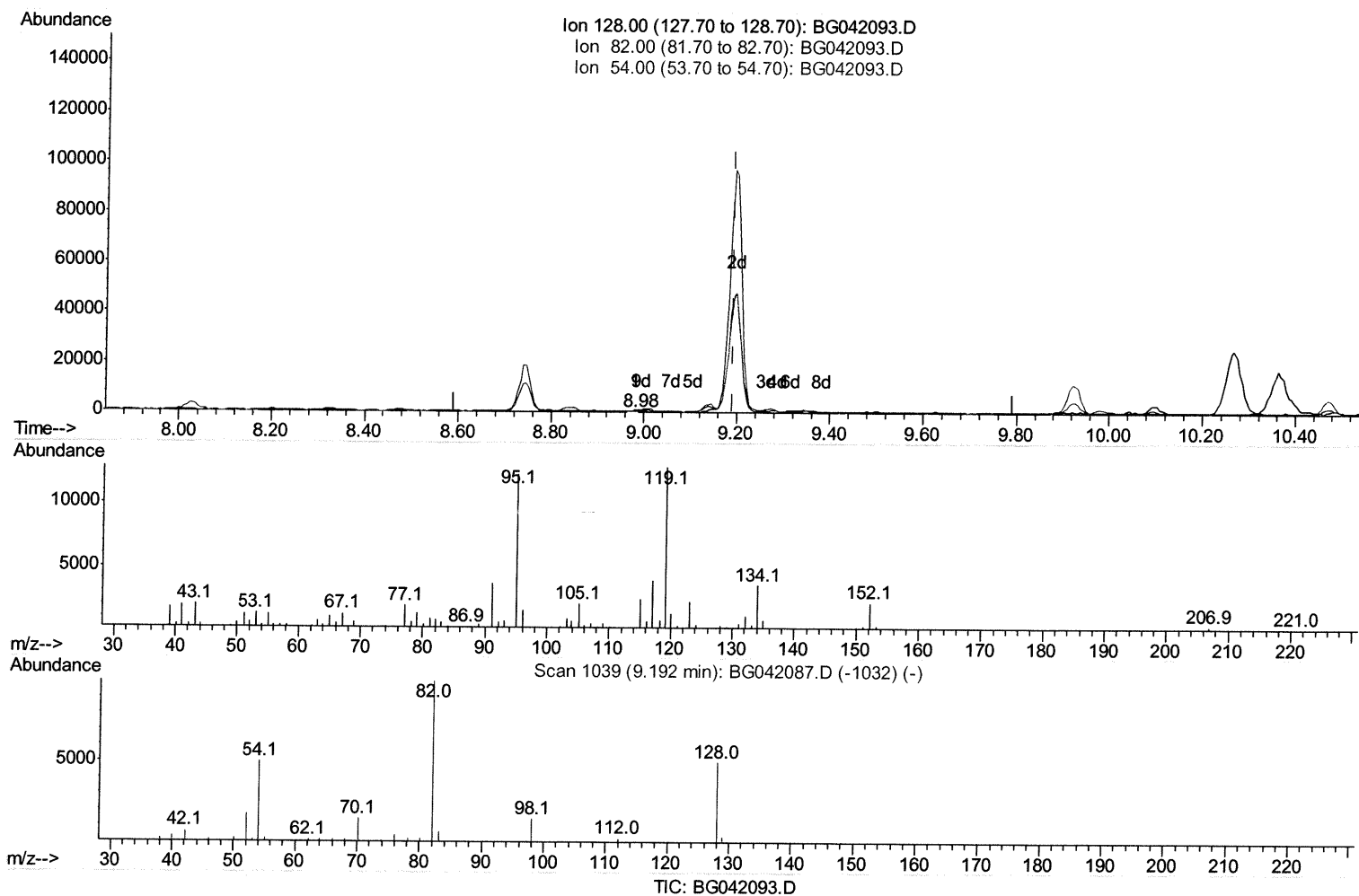
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(19) Nitrobenzene-d5 (S)

8.981min (-0.212) 0.17ng/ul

response 397

Ion	Exp%	Act%
128.00	100	100
82.00	223.40	238.11
54.00	125.40	110.37
0.00	0.00	0.00

Quantitation Report (Qedit)

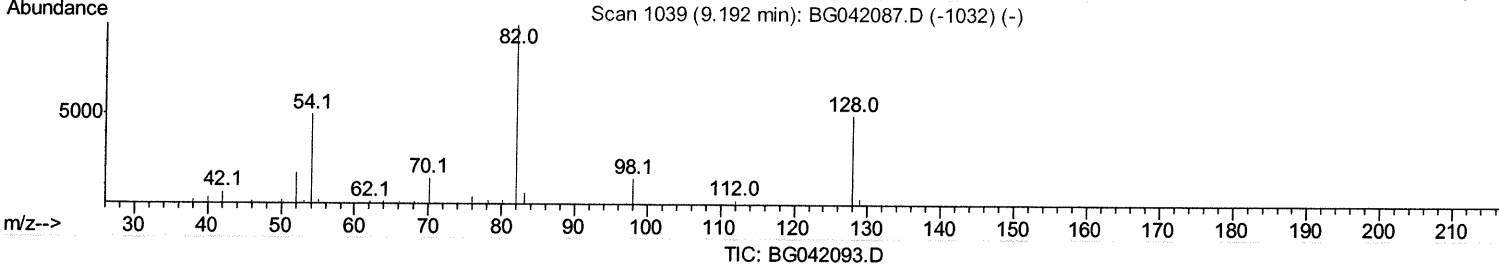
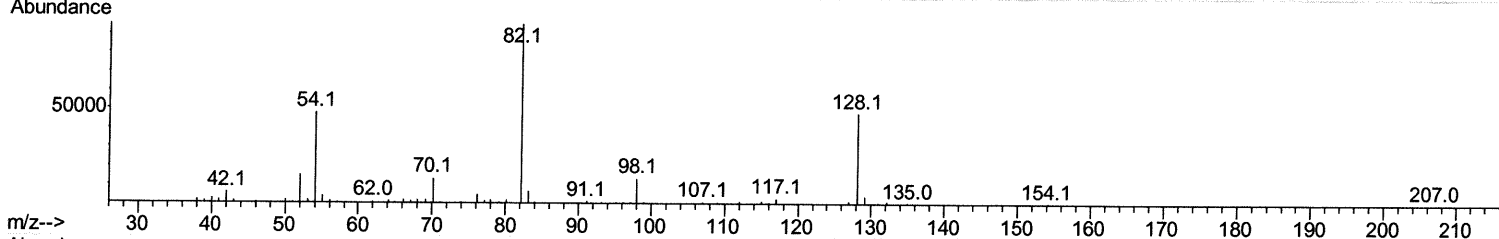
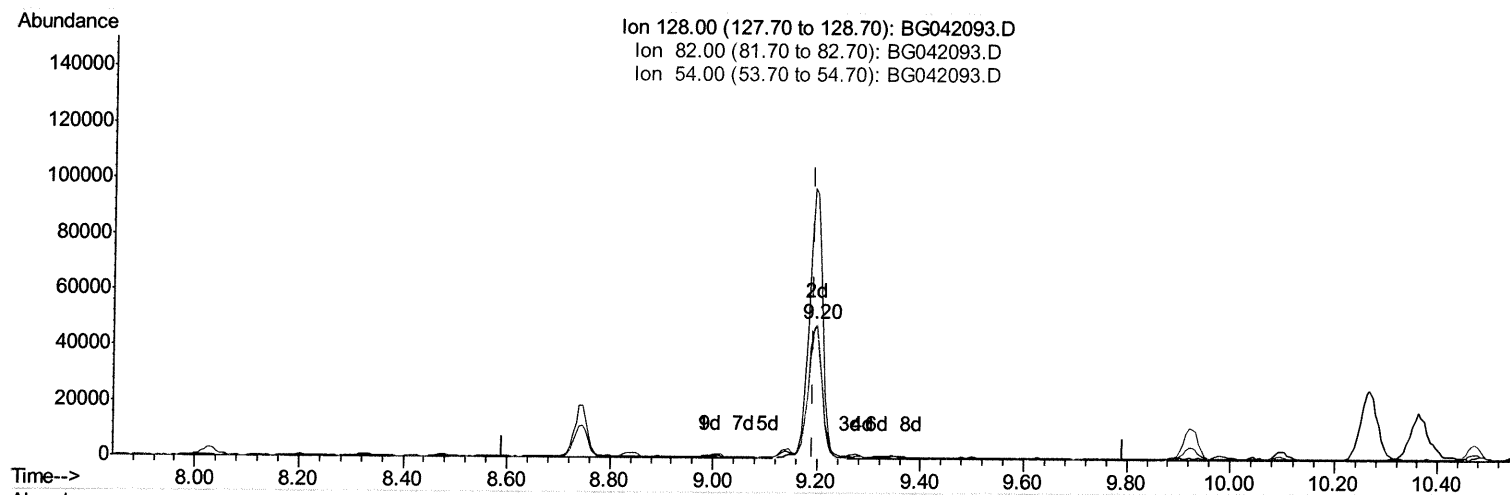
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(19) Nitrobenzene-d5 (S)

9.198min (+0.005) 39.78ng/ul m

JU
 08/12/19

response 93541

Ion	Exp%	Act%
128.00	100	100
82.00	223.40	197.89
54.00	125.40	99.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

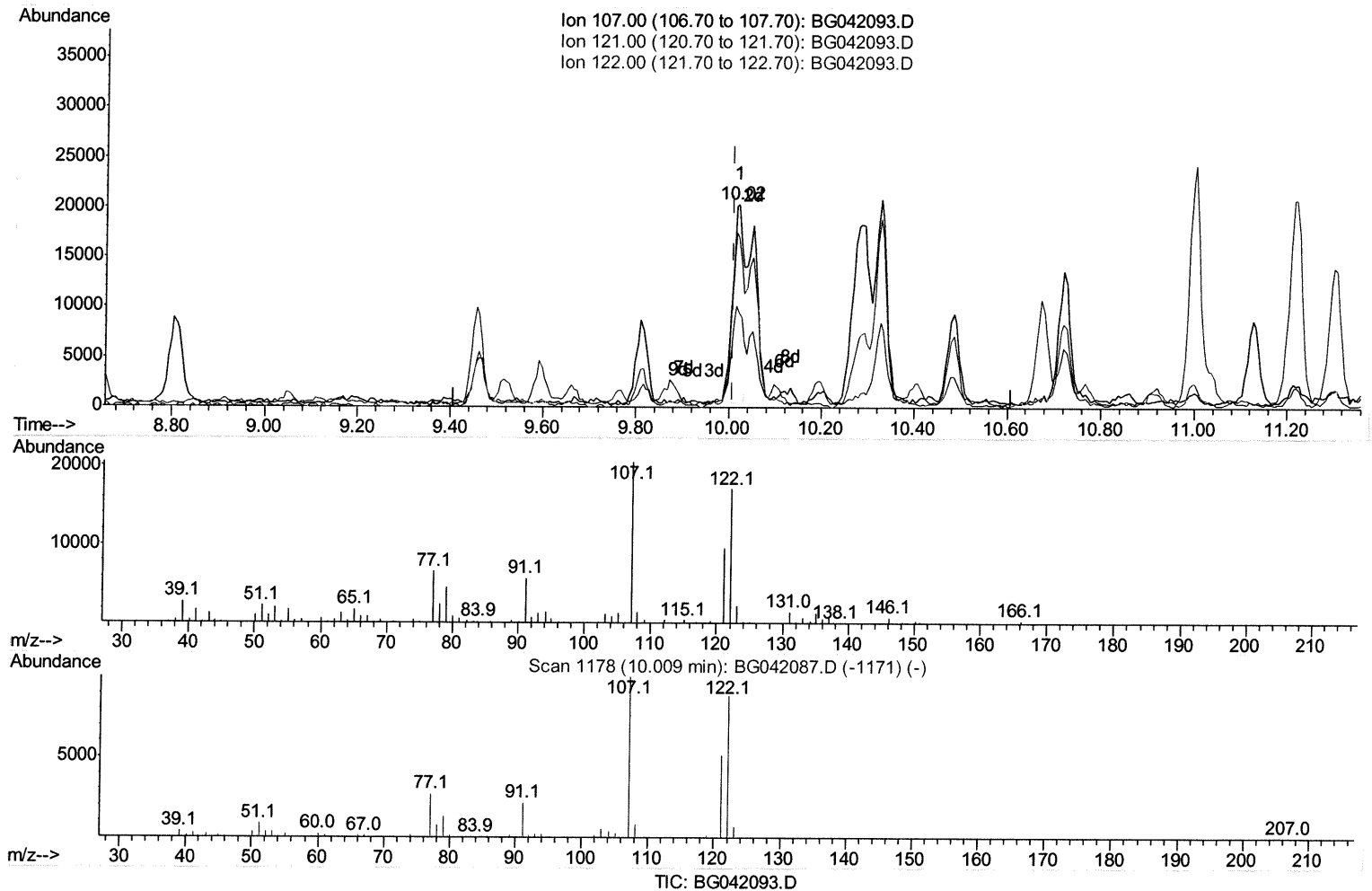
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(24) 2,4-Dimethylphenol

10.021min (+0.011) 5.94ng/ul

response 34202

Ion	Exp%	Act%
107.00	100	100
121.00	56.30	47.21
122.00	85.10	83.59
0.00	0.00	0.00

Quantitation Report (Qedit)

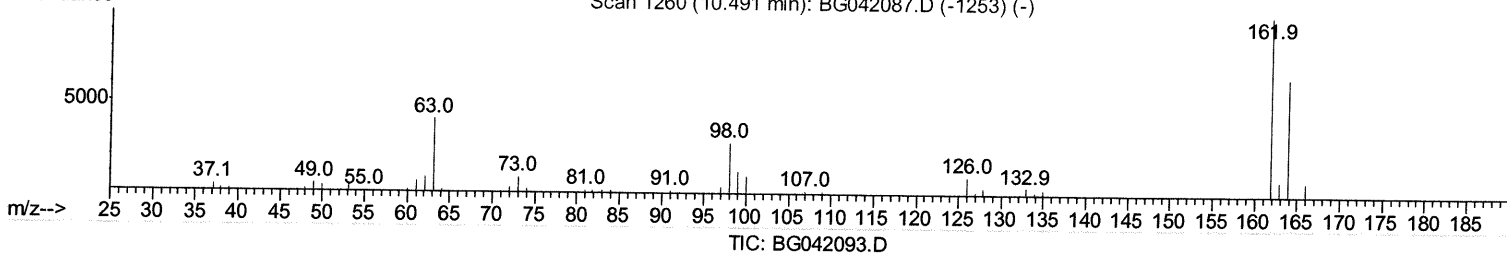
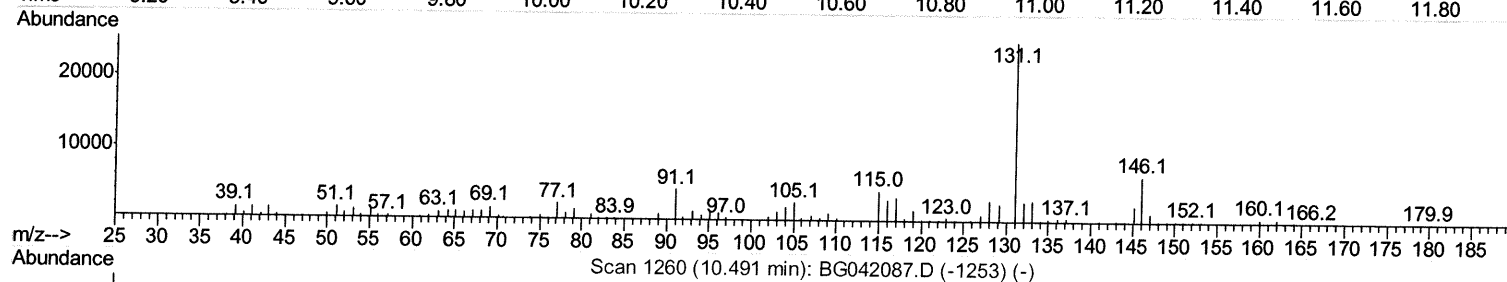
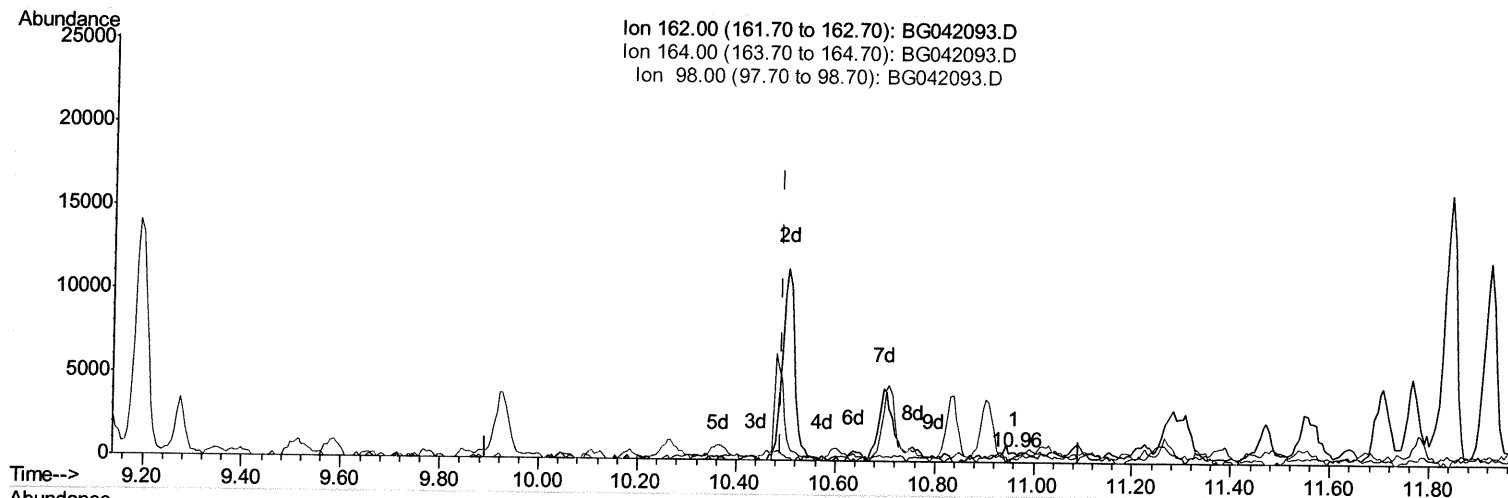
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
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 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(27) 2,4-Dichlorophenol (C)

10.961min (+0.469) 0.05ng/ul

response 268

Ion	Exp%	Act%
162.00	100	100
164.00	68.30	68.70
98.00	30.70	33.16
0.00	0.00	0.00

Quantitation Report (Qedit)

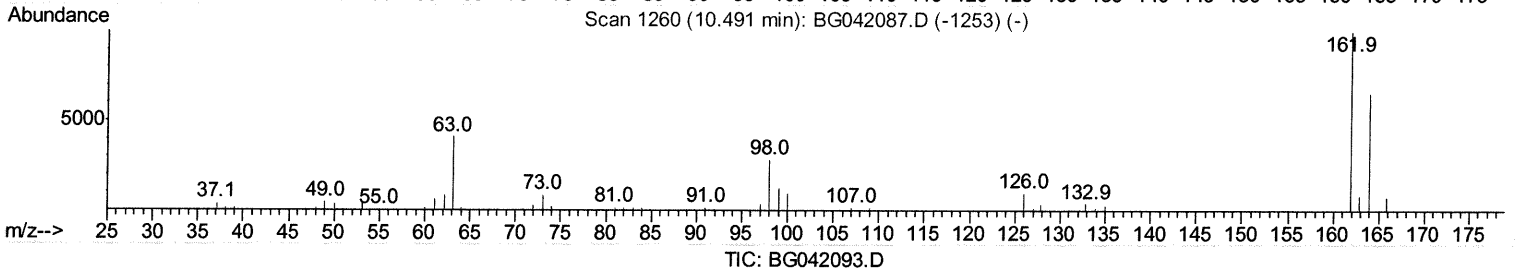
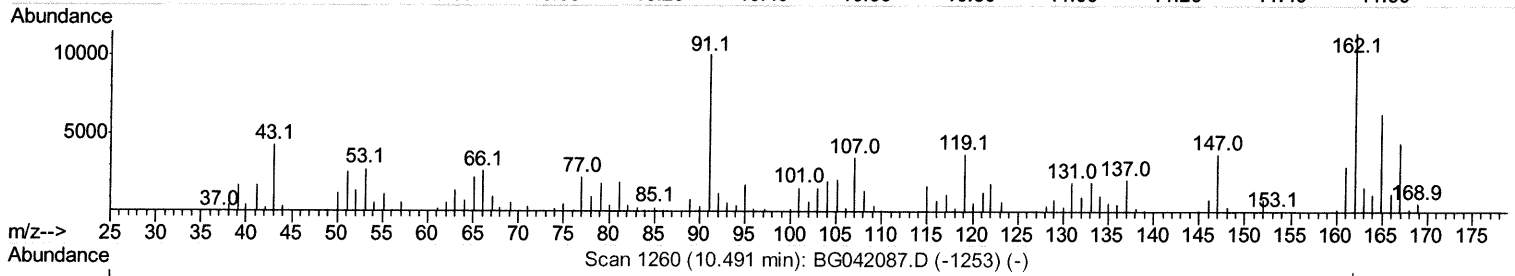
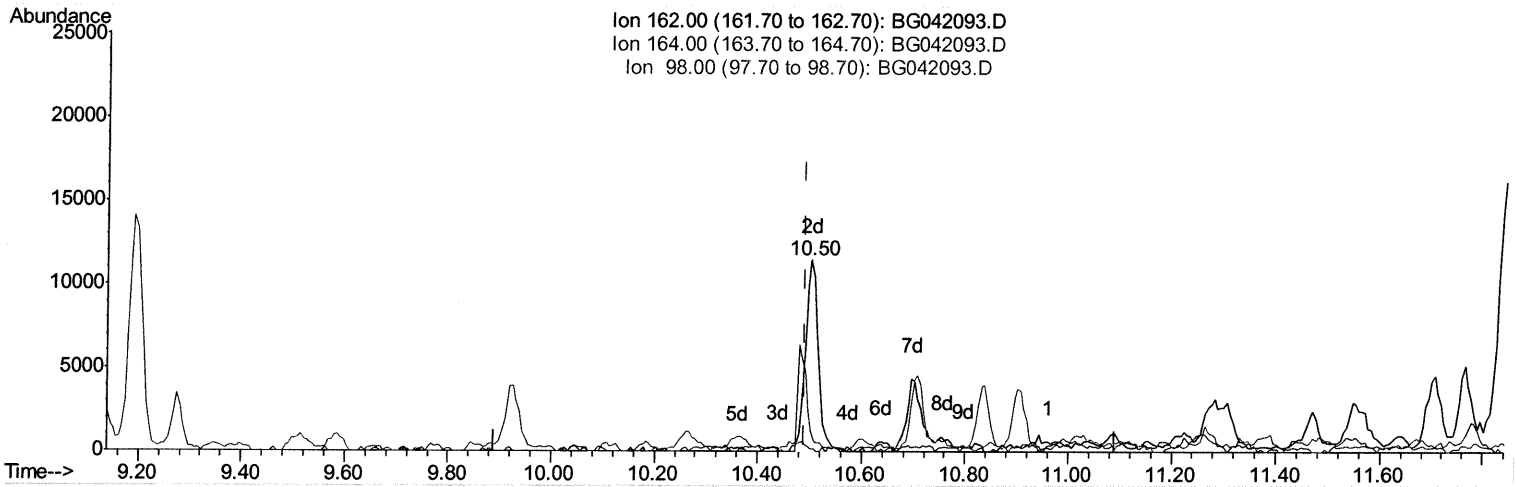
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(27) 2,4-Dichlorophenol (C)

10.502min (+0.011) 3.73ng/ul m

JU
08/12/19

response 20415

Ion	Exp%	Act%
162.00	100	100
164.00	68.30	11.18#
98.00	30.70	1.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

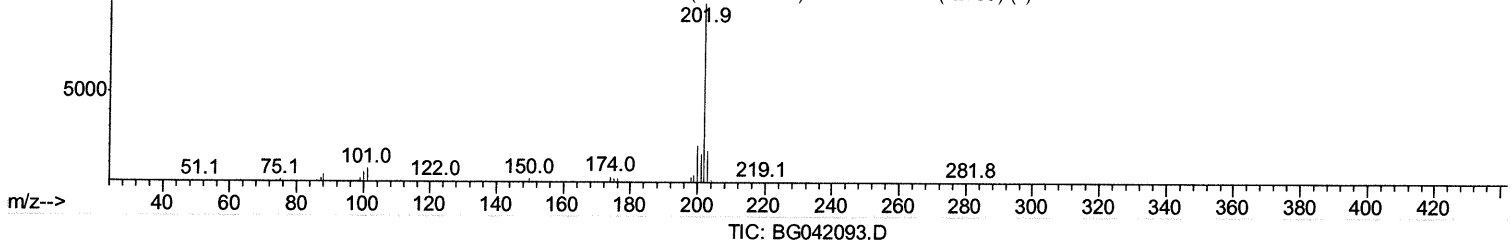
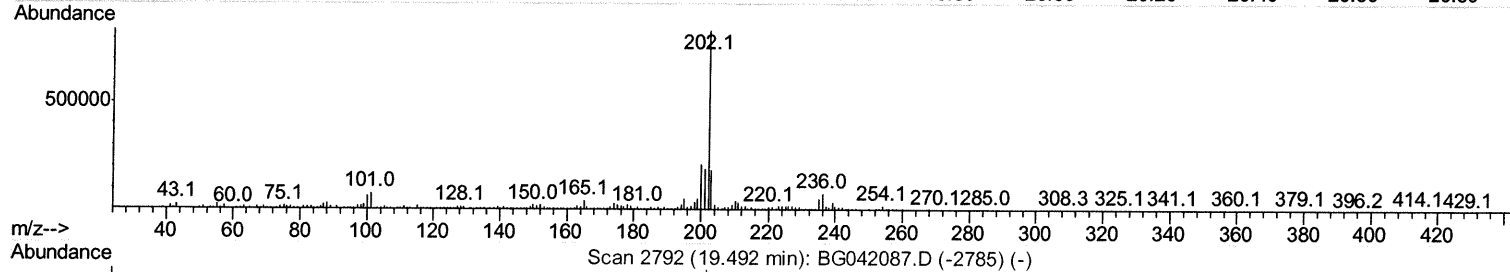
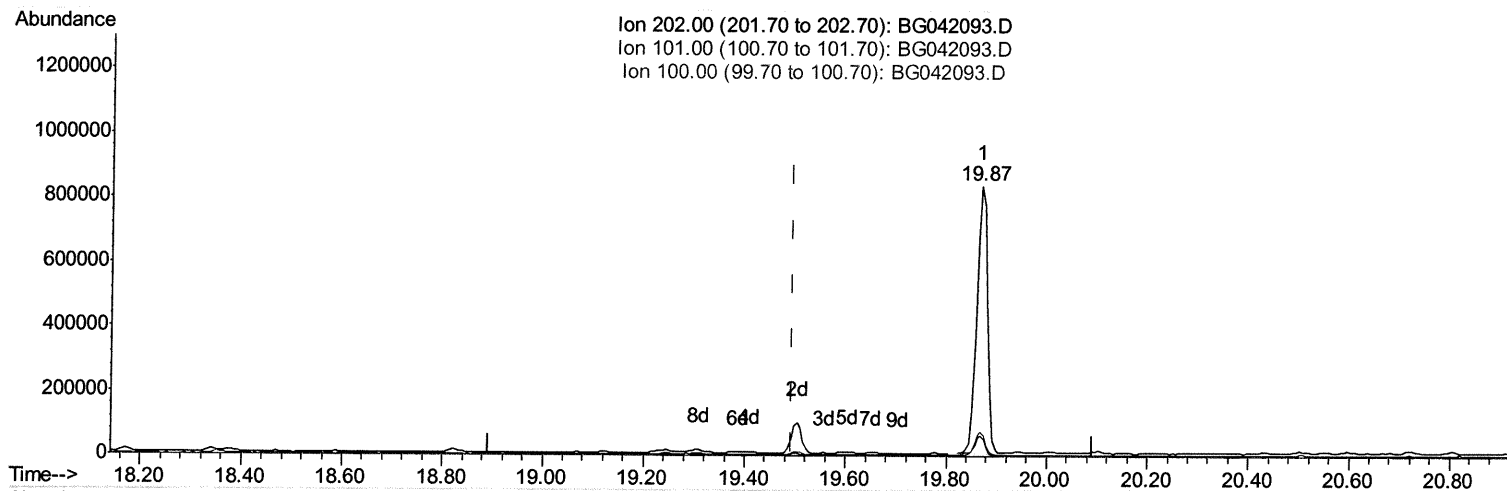
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(76) Fluoranthene (C)

19.868min (+0.375) 45.53ng/ul

response 1245742

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	8.99
100.00	6.60	7.77
0.00	0.00	0.00

Quantitation Report (Qedit)

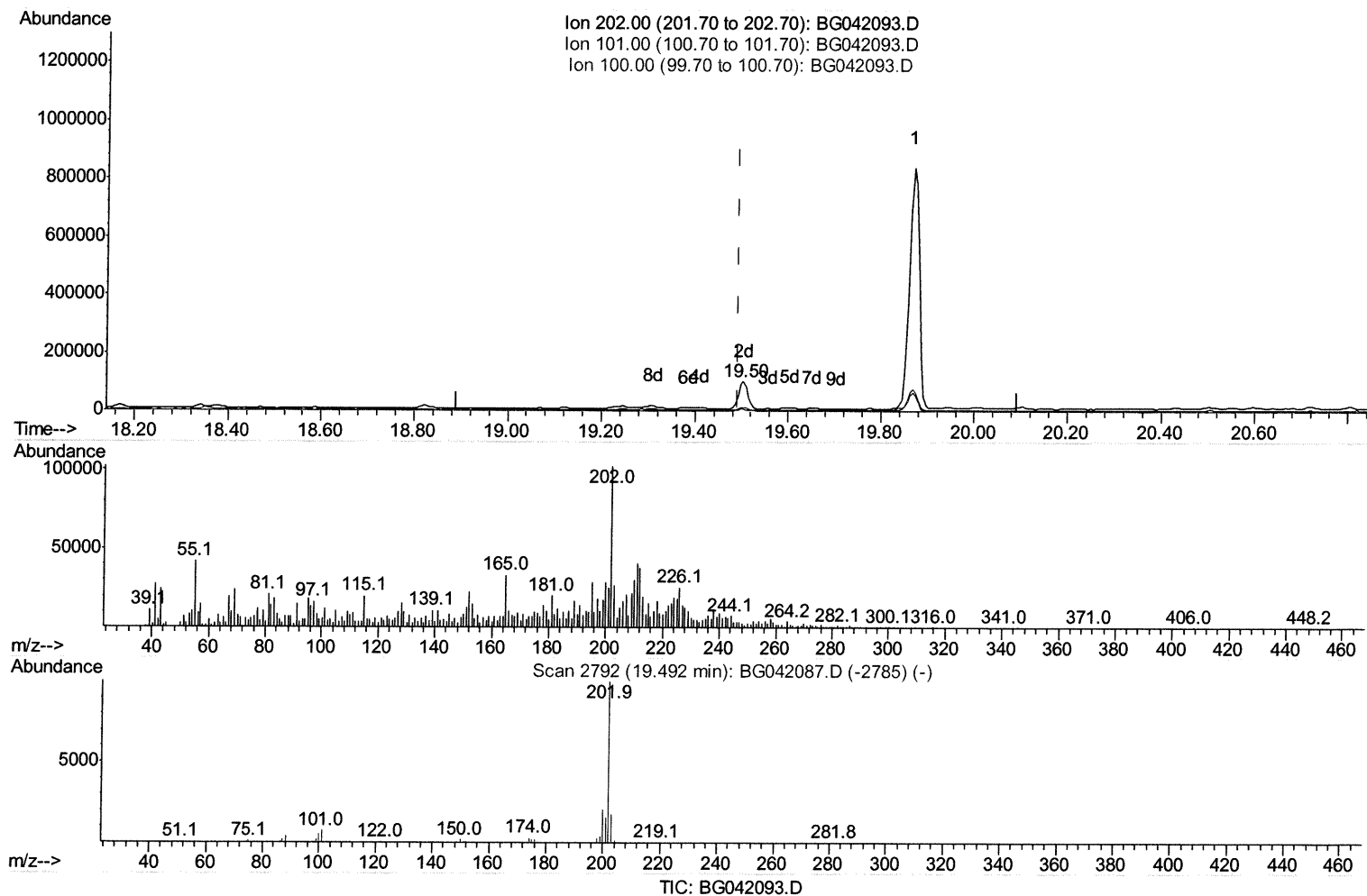
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Manual Integrations
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(76) Fluoranthene (C)

19.504min (+0.011) 6.06ng/ul m *JU 08/12/19*

response 165806

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	11.96#
100.00	6.60	5.94
0.00	0.00	0.00

Quantitation Report (Qedit)

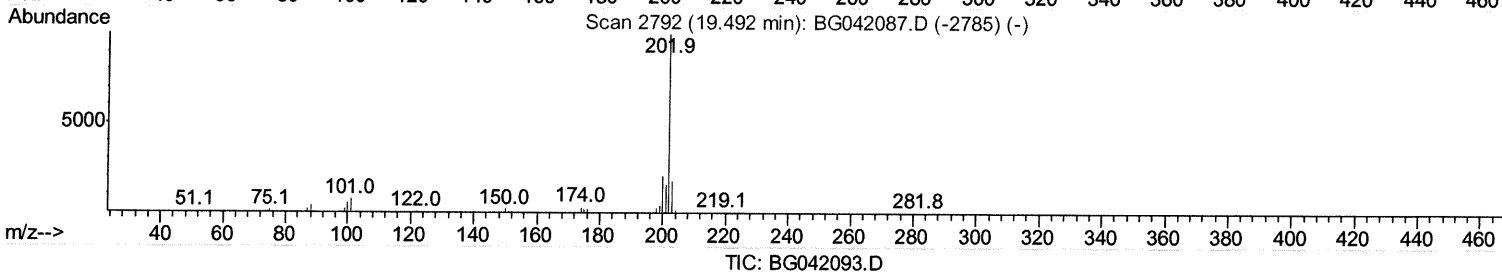
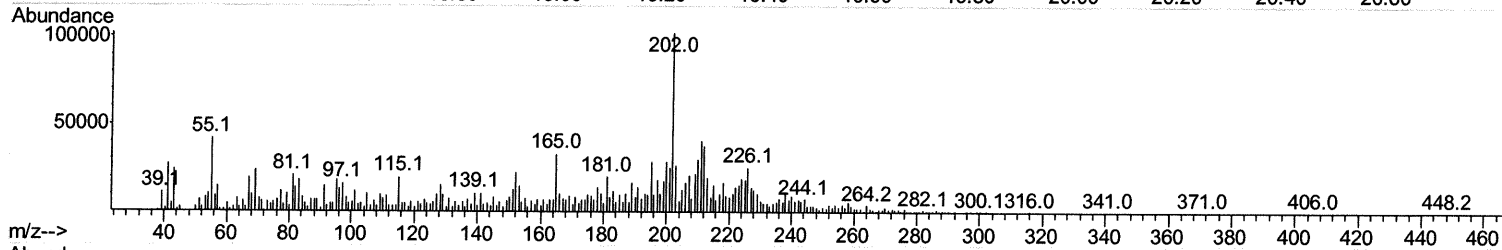
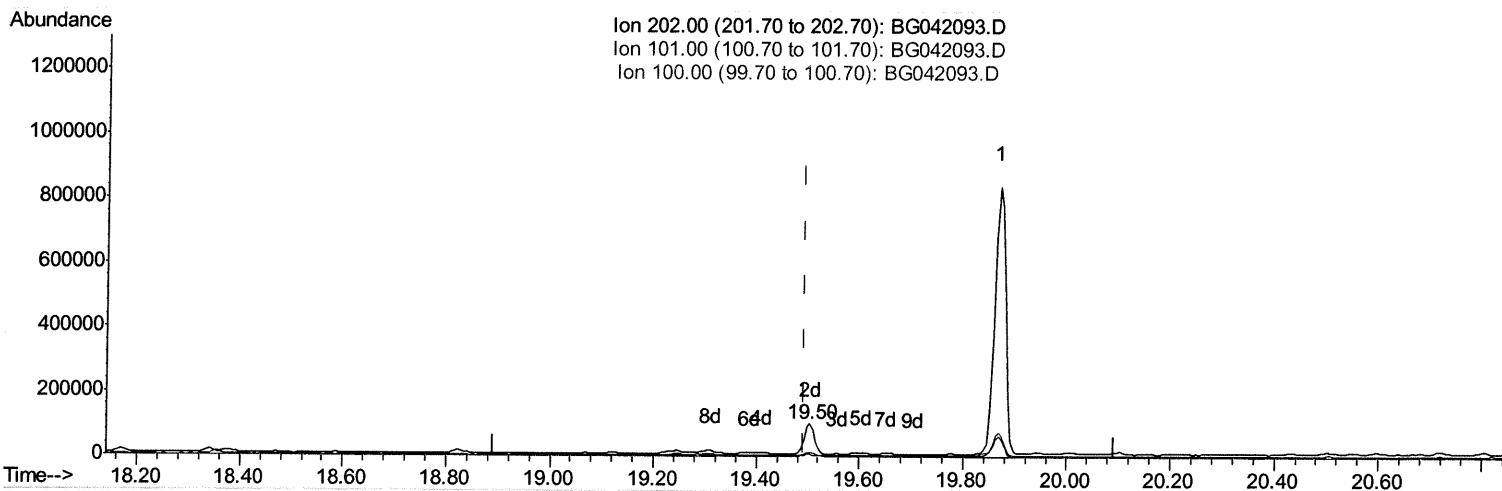
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(76) Fluoranthene (C)

19.504min (+0.011) 6.06ng/ul m *JU 08/21/19*

response 165806

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	11.96#
100.00	6.60	5.94
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	78424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	312413	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	219754	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	432592	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	459203	20.00	ng/ul	0.01
85) Perylene-d12	25.03	264	542261	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	8665	4.83	ng/uL	0.00
5) Phenol-d5	7.18	99	190305	30.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	97948	28.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	178937	34.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	170531	33.00	ng/ul	0.01
19) Nitrobenzene-d5	9.20	128	93541m	39.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	111970	41.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	206886	37.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	244061	39.90	ng/ul	0.01
43) Dimethylphthalate-d6	14.10	166	568905	33.38	ng/ul	0.01
46) Acenaphthylene-d8	14.39	160	680359	34.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.92	143	90506	31.63	ng/ul	0.05
57) Fluorene-d10	15.69	176	572698	37.77	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.82	200	98316	35.42	ng/ul	0.02
70) Anthracene-d10	17.55	188	786589	37.90	ng/ul	0.01
78) Pyrene-d10	19.84	212	839262	32.75	ng/ul	0.01
89) Benzo(a)pyrene-d12	24.80	264	1036599	36.59	ng/ul	0.04

Target Compounds

				Ovalue	
6) Phenol	7.21	94	217051	34.166	ng/ul 96
10) 2-Chlorophenol	7.59	128	187447	35.144	ng/ul 98
11) 2-Methylphenol	8.48	108	8890	1.745	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.84	70	133469	31.792	ng/ul 96
16) 4-Methylphenol	8.81	108	17435m	3.169	ng/ul 96
24) 2,4-Dimethylphenol	10.02	107	65806m	11.433	ng/ul 98
28) Naphthalene	10.90	128	355101	22.233	ng/ul 98
33) 4-Chloro-3-methylphenol	12.14	107	192325	35.710	ng/ul 98
34) 2-Methylnaphthalene	12.52	142	638279	50.280	ng/ul 99
40) 1,1'-Biphenyl	13.52	154	118495	7.416	ng/ul 96
44) Dimethylphthalate	14.15	163	97539	5.764	ng/ul# 68
47) Acenaphthylene	14.42	152	38494	1.959	ng/ul# 46
49) Acenaphthene	14.76	153	545357	39.692	ng/ul 97
52) 4-Nitrophenol	14.93	109	75552	35.627	ng/ul 95
53) Dibenzofuran	15.09	168	223077	10.879	ng/ul 94
54) 2,4-Dinitrotoluene	15.06	165	204481	38.207	ng/ul# 94
58) Fluorene	15.74	166	312834	18.940	ng/ul 99
68) Pentachlorophenol	17.11	266	152359	48.633	ng/ul 97
69) Phenanthrene	17.49	178	425972	17.987	ng/ul# 93
71) Anthracene	17.58	178	163331	6.800	ng/ul# 90
74) Carbazole	17.85	167	34311	1.724	ng/ul# 59
76) Fluoranthene	19.50	202	165806m	6.059	ng/ul 99
79) Pyrene	19.87	202	1245742	40.330	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Benzo(a)anthracene	21.72	228	68231	2.143	nq/ul#	64
84) Chrysene	21.78	228	60249	2.027	nq/ul#	62
90) Benzo(a)pyrene	24.87	252	39495	1.218	nq/ul#	64

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