

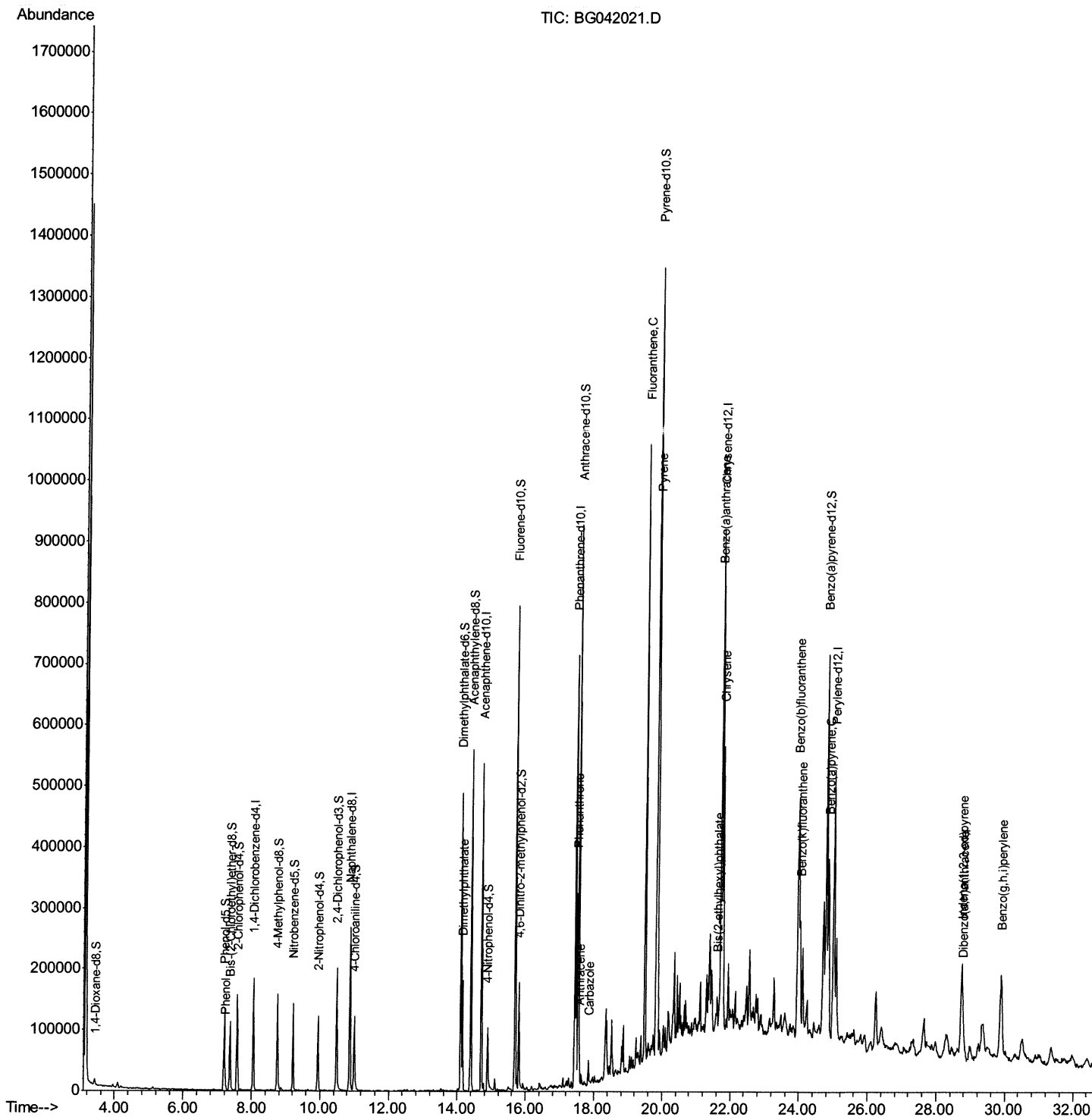
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042021.D
Acq On : 7 Aug 2019 8:34
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENZ1

Manual Integrations
APPROVED

mohammad
8/7/2019 4:40:29 PM

Quant Time: Aug 07 11:07:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 10:54:34 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

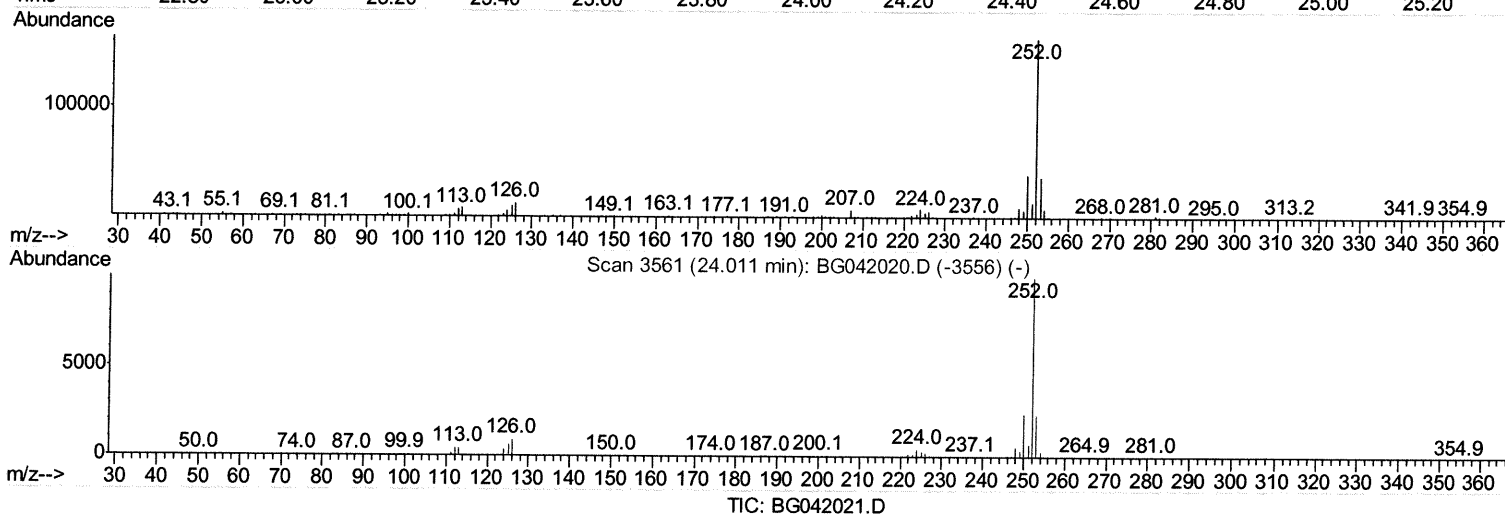
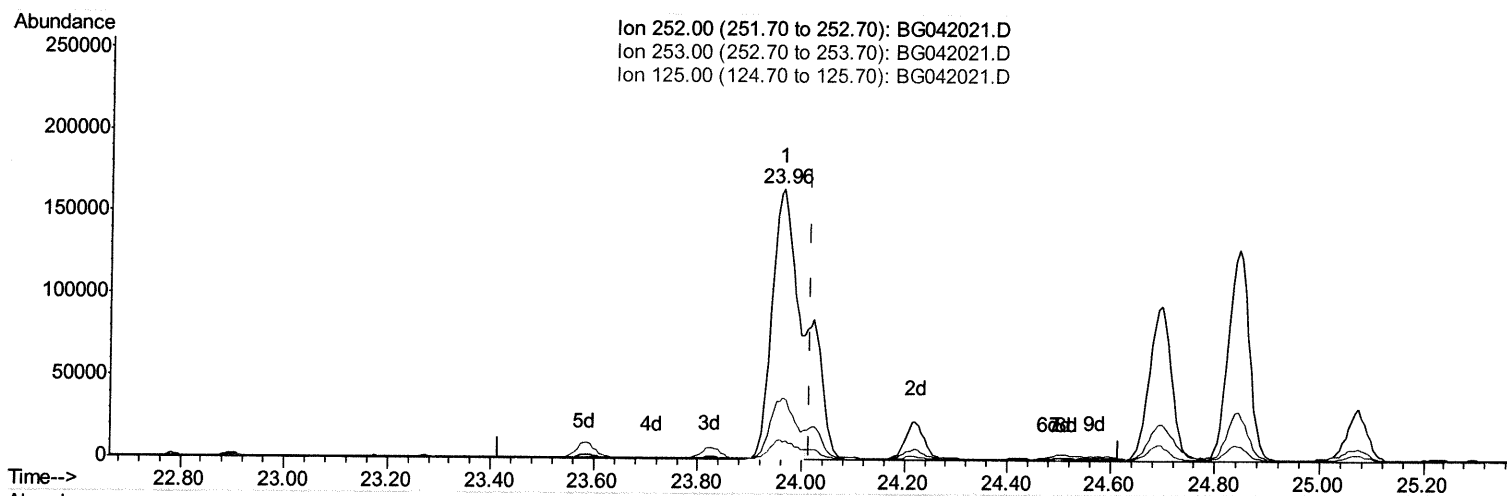
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(88) Benzo(k)fluoranthene

23.962min (-0.053) 17.45ng/ul

response 545197

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	22.61
125.00	6.90	6.34
0.00	0.00	0.00

Quantitation Report (Qedit)

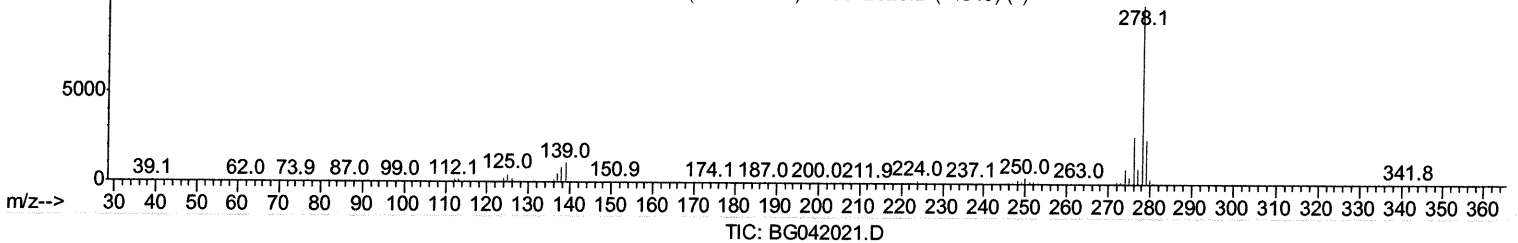
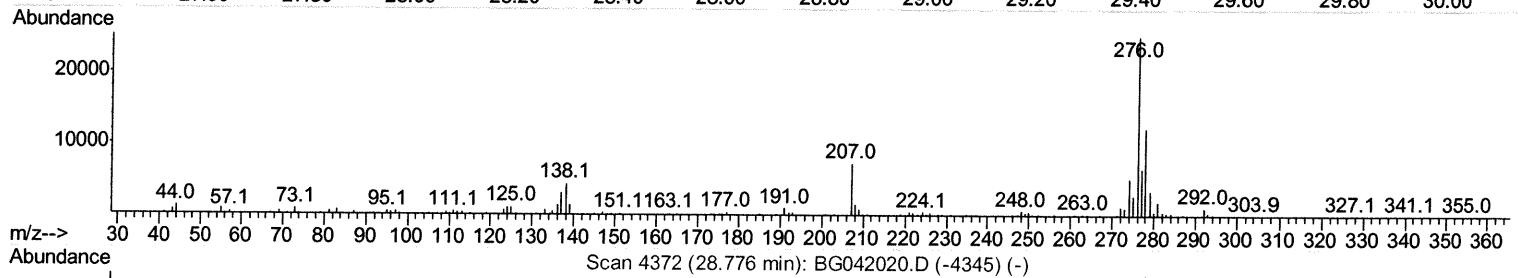
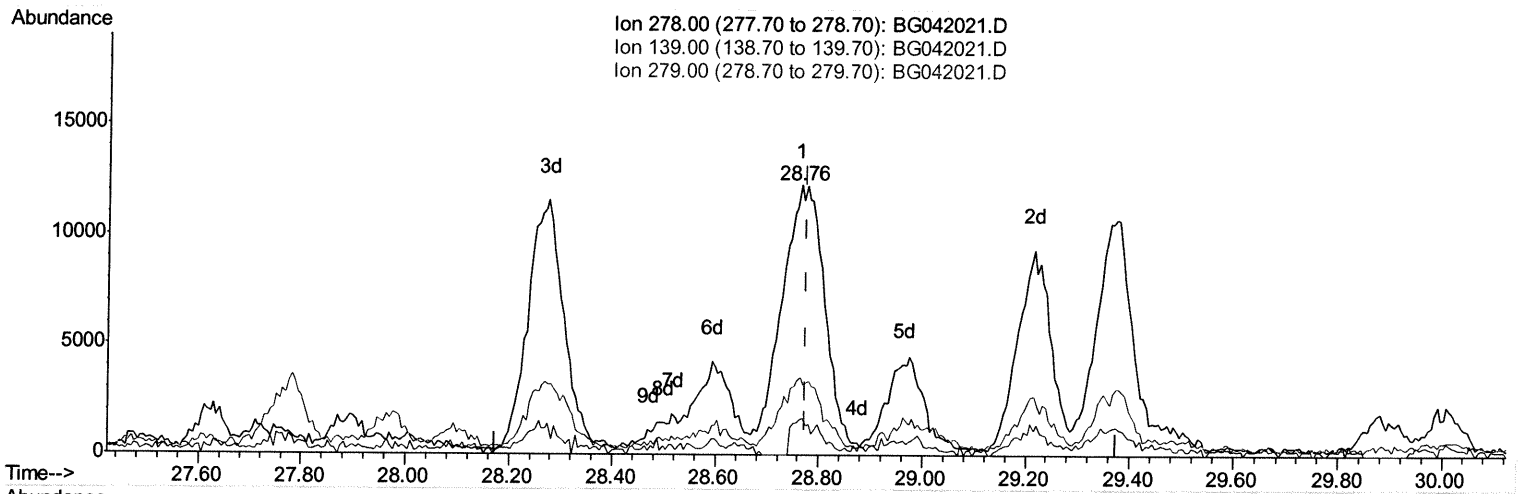
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(92) Dibenzo(a,h)anthracene

28.763min (-0.011) 1.12ng/ul

response 32921

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	12.98
279.00	24.00	28.78
0.00	0.00	0.00

Quantitation Report (Qedit)

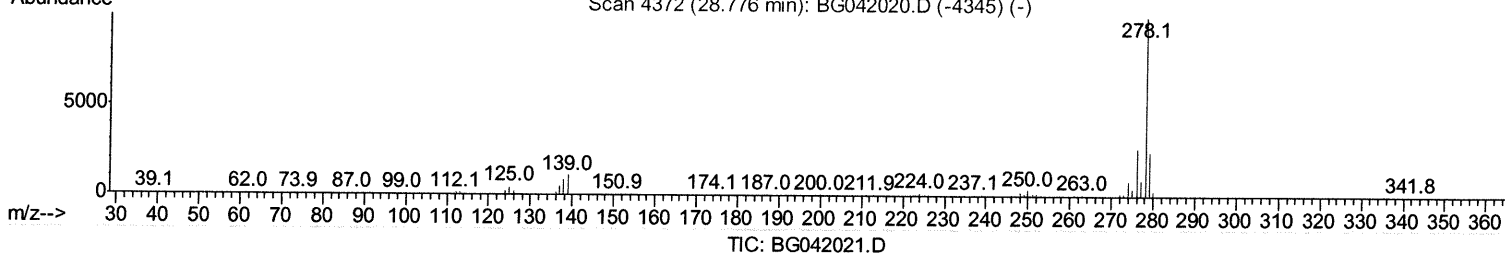
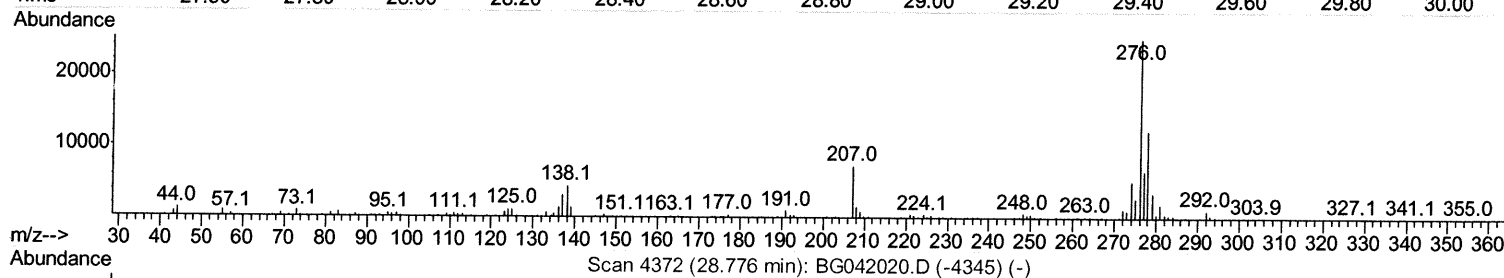
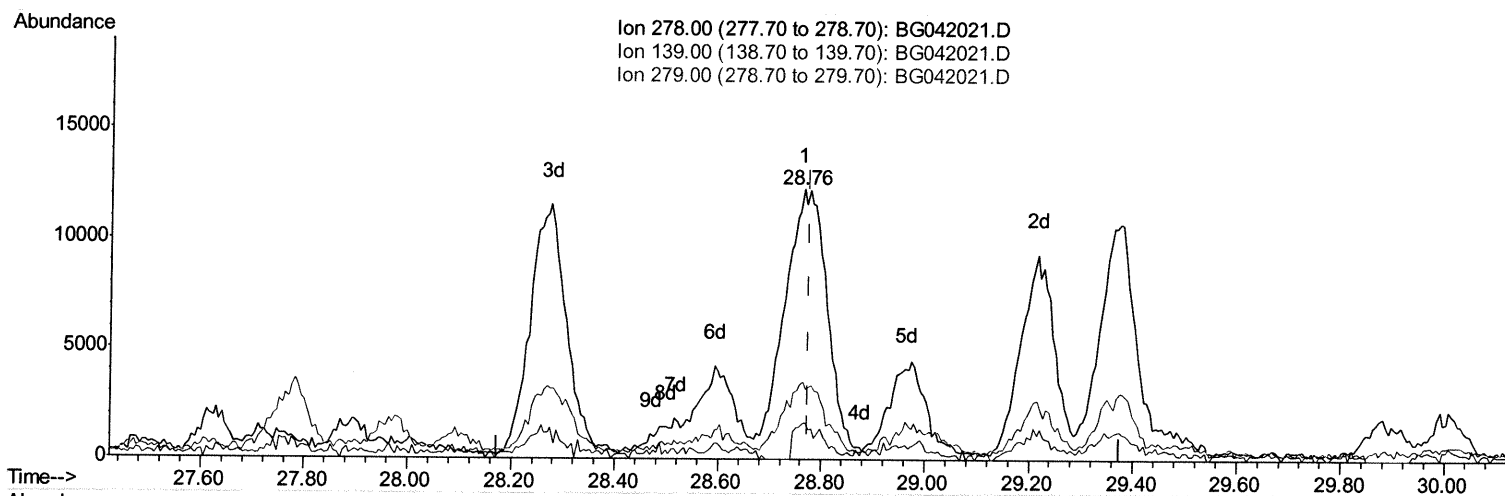
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Sample : K4028-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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(92) Dibenzo(a,h)anthracene

28.763min (-0.011) 2.30ng/ul m *JU* 08/07/19

response 67637

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	12.98
279.00	24.00	28.78
0.00	0.00	0.00

Quantitation Report (Qedit)

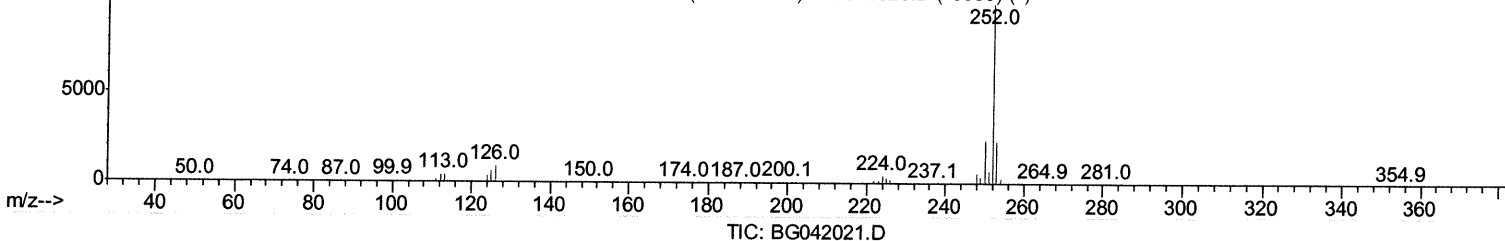
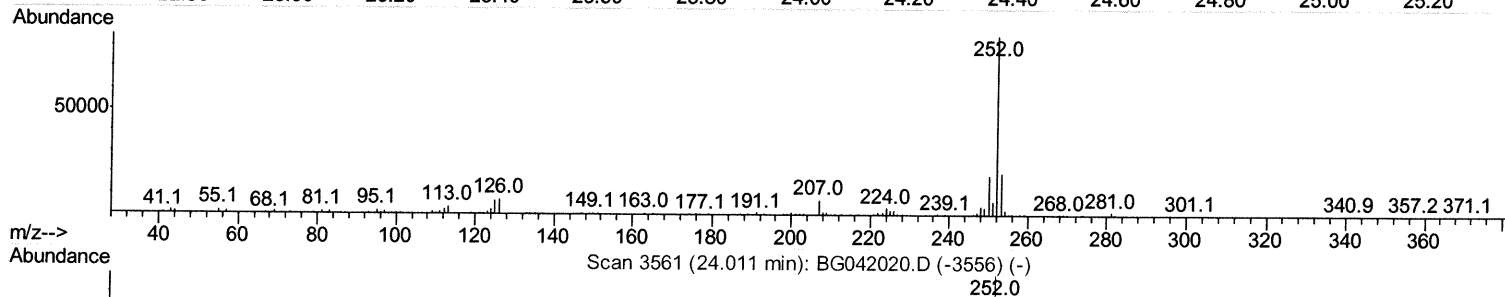
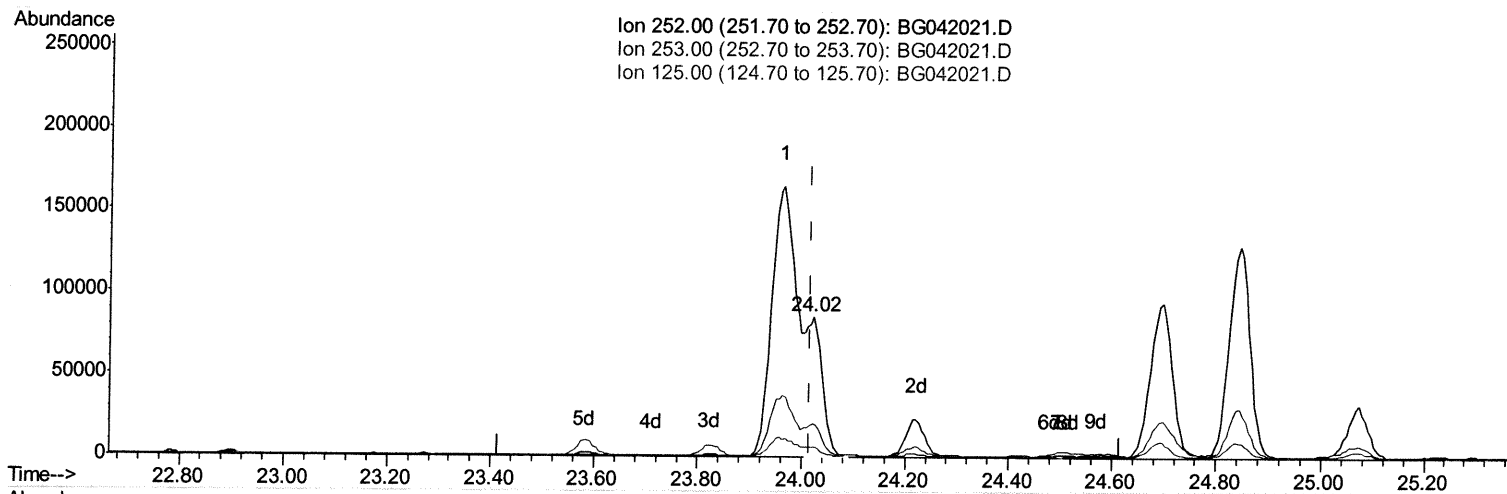
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(88) Benzo(k)fluoranthene

24.021min (+0.006) 5.88ng/ul m *JU 08/07/19*

response 183842

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	23.35
125.00	6.90	7.47
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	8.05	152	61104	20.00	ng/ul	0.02
18) Naphthalene-d8	10.87	136	263070	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.70	164	200143	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.45	188	461018	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	434169	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	517935	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	4769	3.41	ng/uL	0.01
5) Phenol-d5	7.20	99	96034	20.03	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.36	67	52980	19.75	ng/ul	0.02
9) 2-Chlorophenol-d4	7.58	132	90562	22.09	ng/ul	0.02
13) 4-Methylphenol-d8	8.76	113	74012	18.38	ng/ul	0.02
19) Nitrobenzene-d5	9.21	128	45109	22.78	ng/ul	0.02
22) 2-Nitrophenol-d4	9.94	143	53828	23.41	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.48	165	103627	22.33	ng/ul	0.02
29) 4-Chloroaniline-d4	11.00	131	95130	18.47	ng/ul	0.02
43) Dimethylphthalate-d6	14.10	166	382797	24.66	ng/ul	0.01
46) Acenaphthylene-d8	14.39	160	436992	24.64	ng/ul	0.01
51) 4-Nitrophenol-d4	14.88	143	45139	17.32	ng/ul	0.00
57) Fluorene-d10	15.69	176	352544	25.53	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.80	200	59436	20.09	ng/ul	0.00
70) Anthracene-d10	17.55	188	581030	26.27	ng/ul	0.01
78) Pyrene-d10	19.83	212	658253	27.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	736391	27.22	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	7.22	94	5655	1.142	ng/ul 90
44) Dimethylphthalate	14.14	163	134799	8.746	ng/ul 98
69) Phenanthrene	17.49	178	218001	8.638	ng/ul 99
71) Anthracene	17.58	178	32301	1.262	ng/ul 97
74) Carbazole	17.85	167	29222	1.378	ng/ul 94
76) Fluoranthene	19.50	202	656332	22.507	ng/ul 97
79) Pvrene	19.86	202	566719	19.405	ng/ul 98
82) Benzo(a)anthracene	21.71	228	299042	9.934	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.62	149	22650	1.444	ng/ul 96
84) Chrysene	21.77	228	369496	13.151	ng/ul 97
87) Benzo(b)fluoranthene	23.96	252	545197	16.774	ng/ul 99
88) Benzo(k)fluoranthene	24.02	252	183842m	5.883	ng/ul > 90 08/08/19
90) Benzo(a)pyrene	24.84	252	350306	11.310	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	28.72	276	279082	7.725	ng/ul 99
92) Dibenzo(a,h)anthracene	28.76	278	67637m	2.295	ng/ul > 90 08/08/19
93) Benzo(q,h,i)perylene	29.88	276	278705	9.240	ng/ul 98

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