

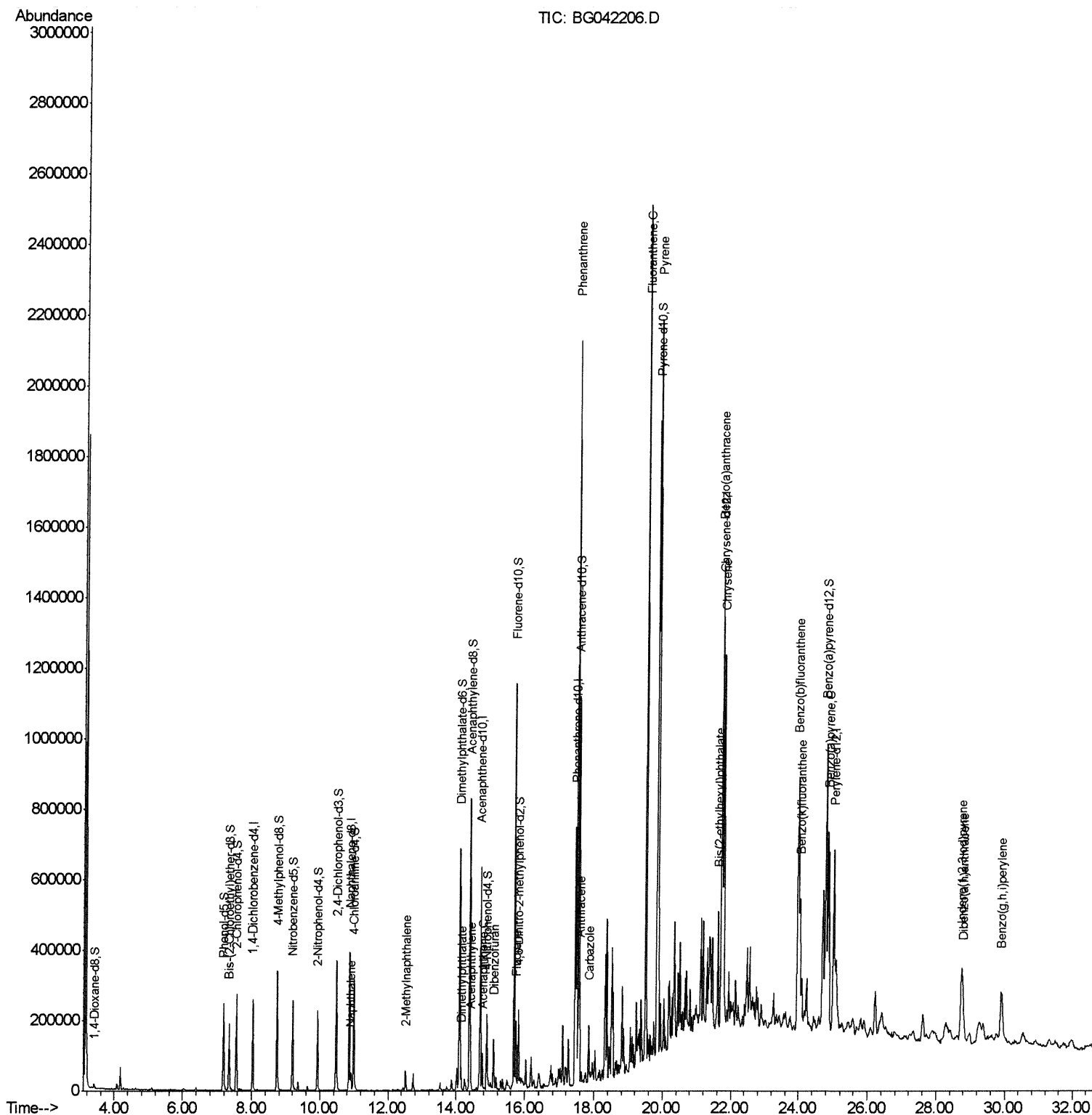
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081319\
 Data File : BG042206.D
 Acq On : 14 Aug 2019 11:54
 Operator : HP/JU
 Sample : K4304-12
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB5P3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:11:53 PM

Quant Time: Aug 14 14:06:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration



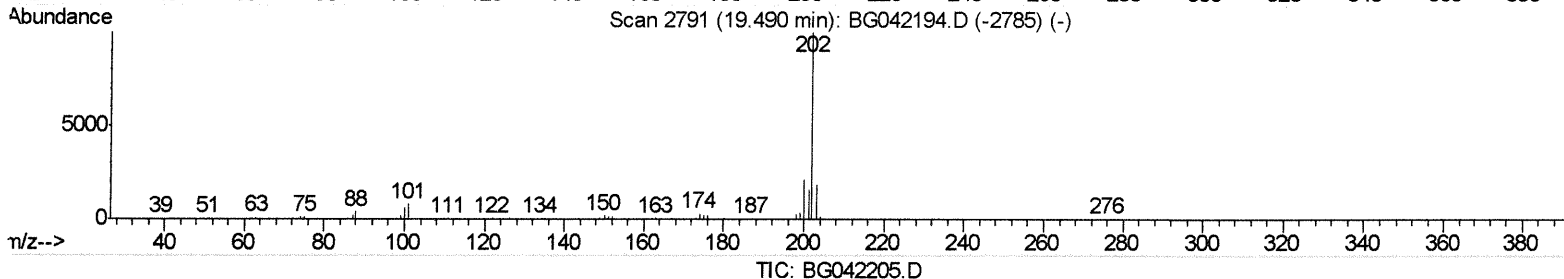
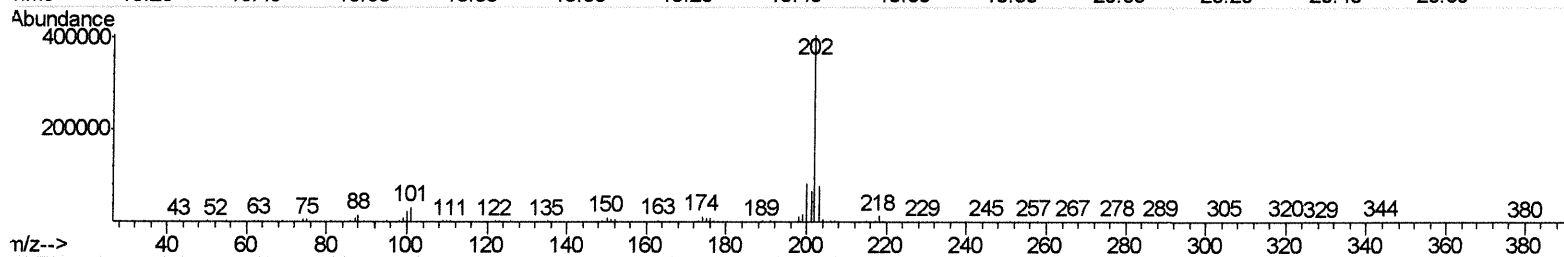
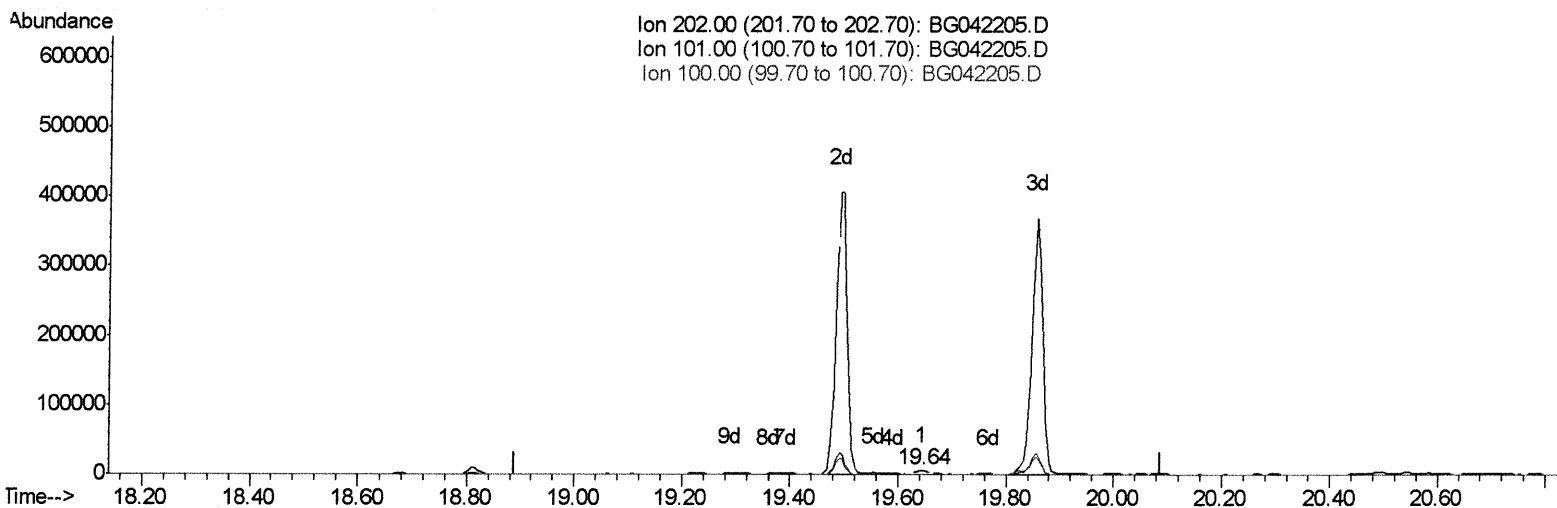
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081319\
 Data File : BG042205.D
 Acq On : 14 Aug 2019 11:15
 Operator : HP/JU
 Sample : K4304-11
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 14 12:41:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
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(76) Fluoranthene (C)

19.643min (+0.154) 0.20ng/ul

response 6841

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	7.49
100.00	6.60	6.69
0.00	0.00	0.00

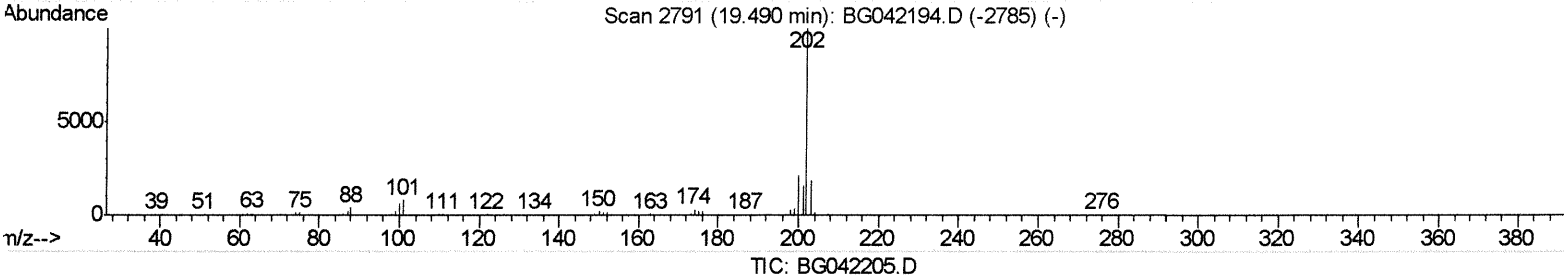
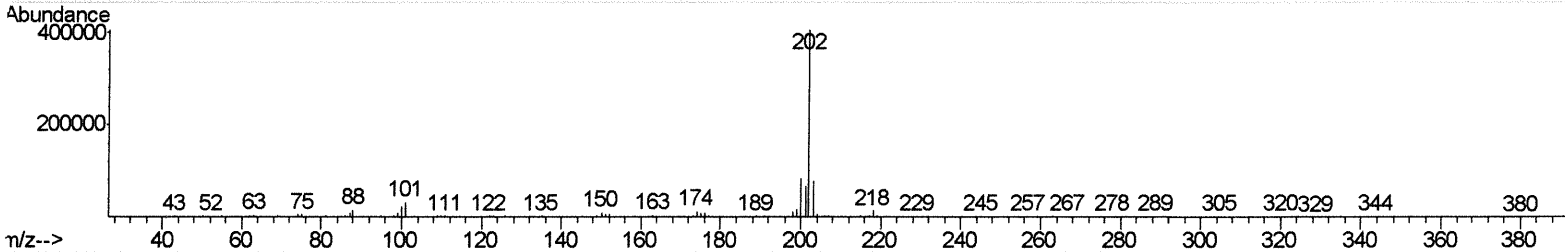
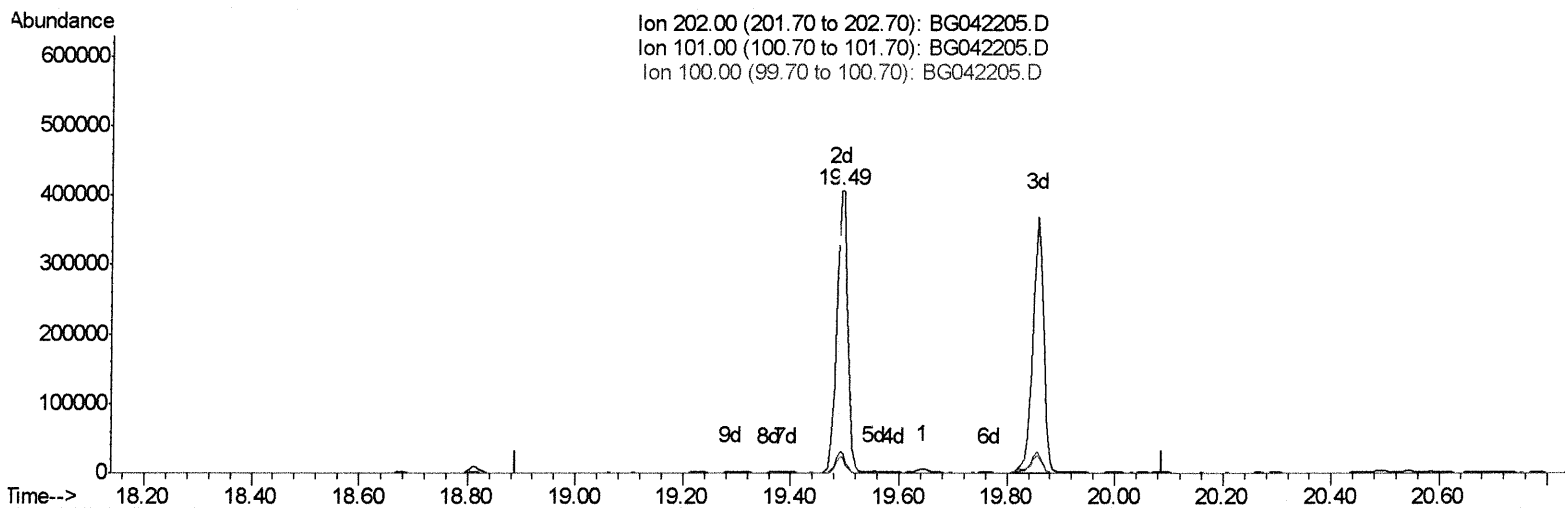
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 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
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(76) Fluoranthene (C)

19.490min (+0.001) 17.32ng/ul m *JU 08/15/19*

response 599378

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	7.67
100.00	6.60	5.83
0.00	0.00	0.00

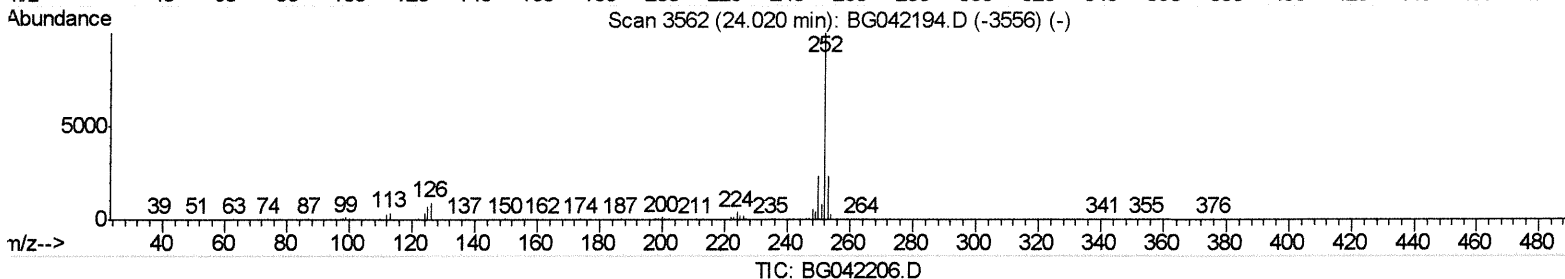
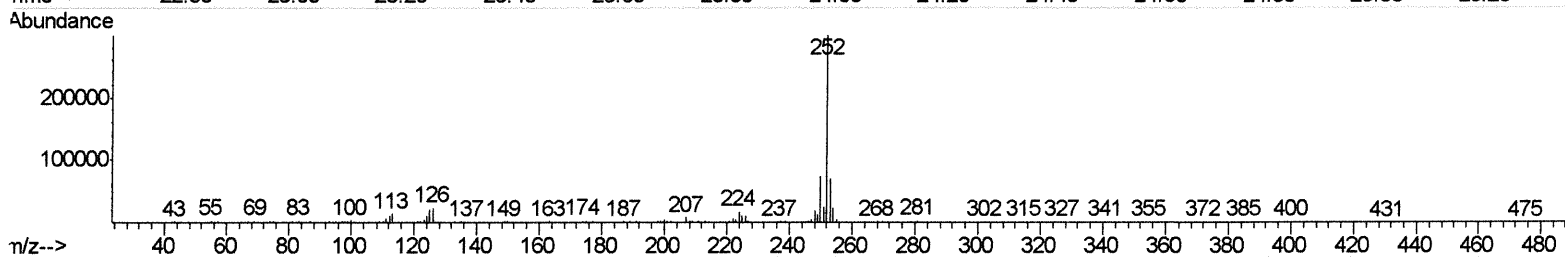
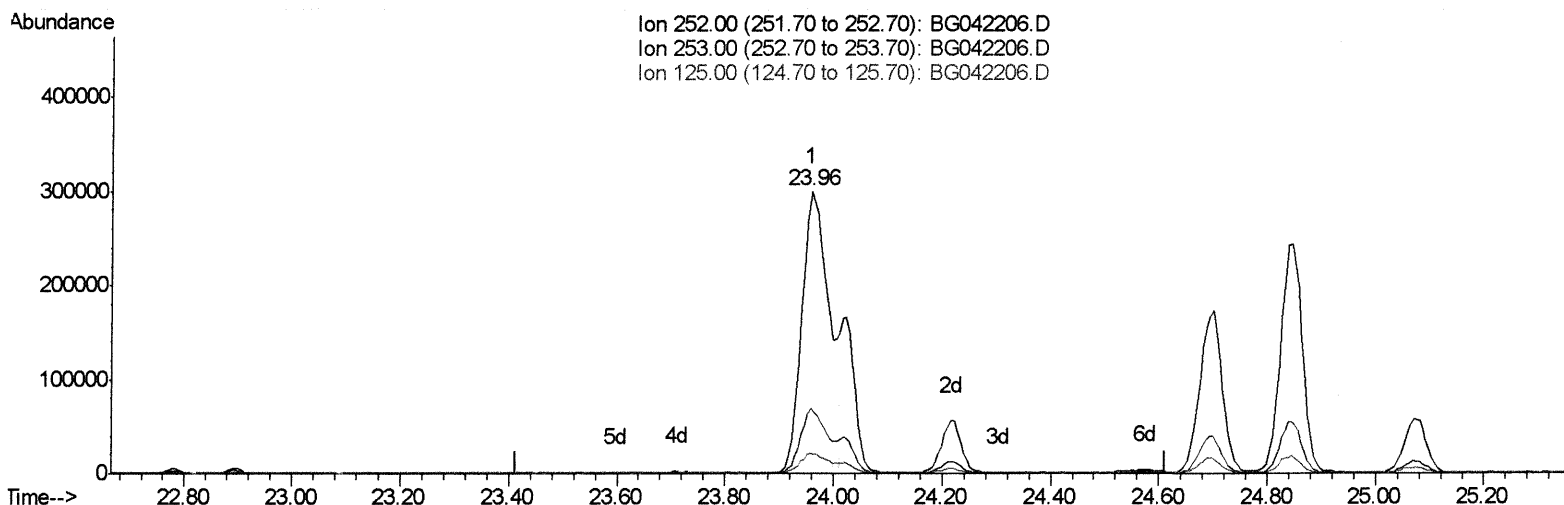
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Quant Time: Aug 14 14:01:40 2019
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(88) Benzo(k)fluoranthene

23.957min (-0.056) 26.59ng/ul

response 957280

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	23.12
125.00	6.90	7.20
0.00	0.00	0.00

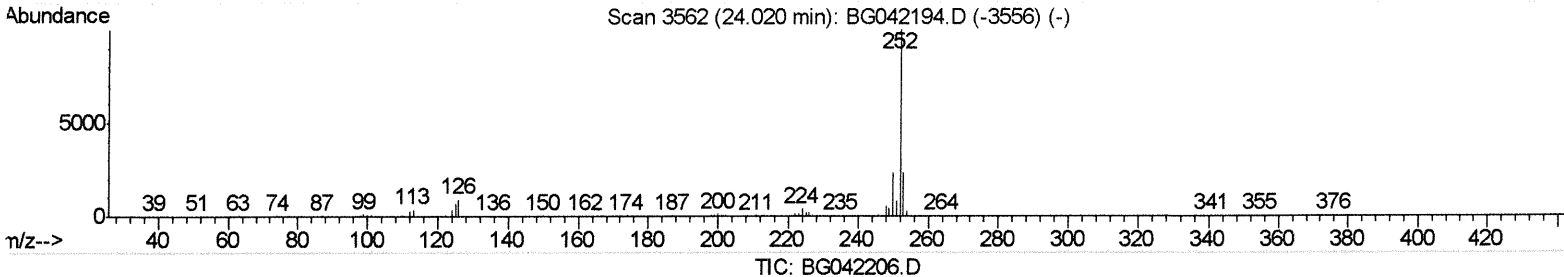
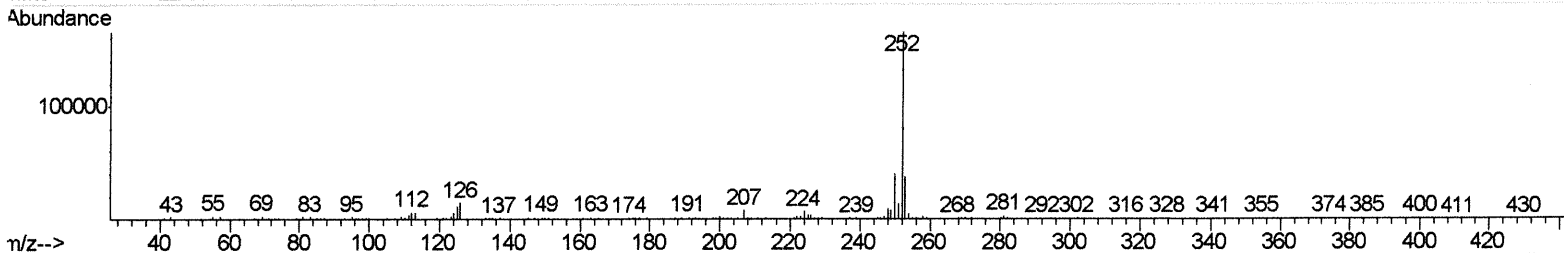
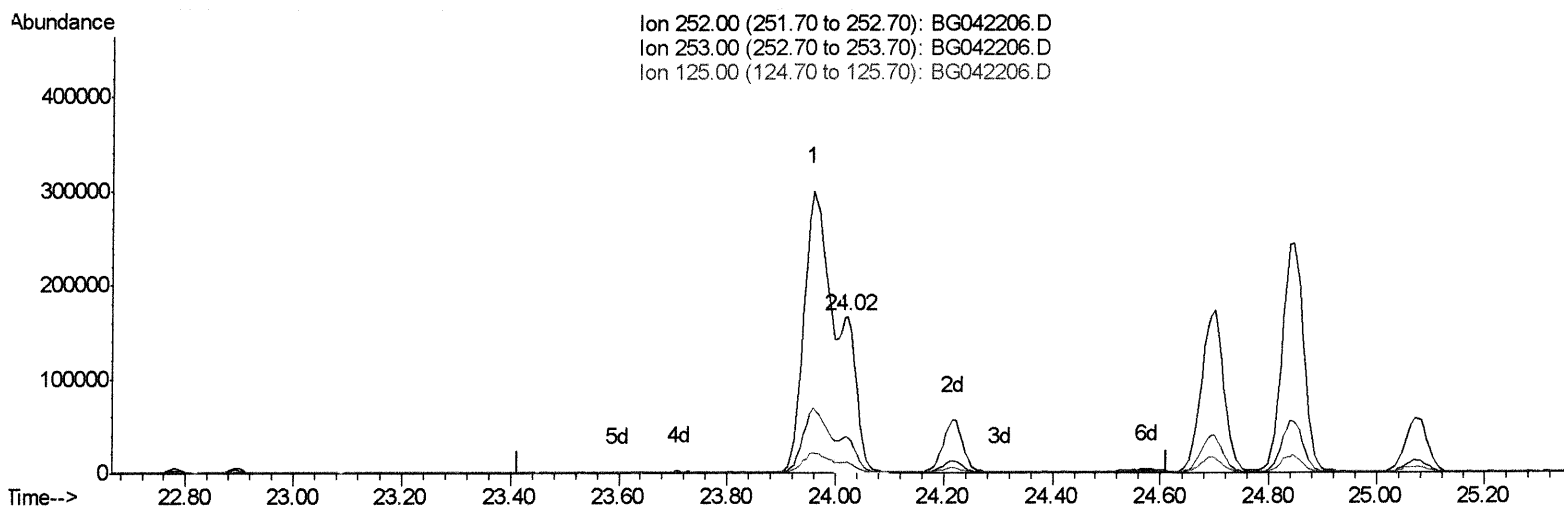
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 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 CB5P3

Manual Integrations
 APPROVED

mohammad
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(88) Benzo(k)fluoranthene

24.022min (+0.009) 10.66ng/ul m *JU* 8/14/19

response 383662

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	22.89
125.00	6.90	7.17
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	8.02	152	88410	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	364739	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	247598	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	496406	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	488755	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	596755	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	7457	3.69	ng/uL	0.00
5) Phenol-d5	7.18	99	174743	25.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	86717	22.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	160459	27.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	152264	26.14	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	81229	29.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	101434	31.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	188087	29.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	222543	31.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	566814	29.52	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	655620	29.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	83153	25.79	ng/ul	0.00
57) Fluorene-d10	15.68	176	501354	29.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	76039	23.87	ng/ul	0.00
70) Anthracene-d10	17.54	188	724076	30.40	ng/ul	0.00
78) Pyrene-d10	19.83	212	838419	30.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	980943	31.47	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.90	128	48625	2.608 ng/ul#	95
34) 2-Methylnaphthalene	12.51	142	32246	2.176 ng/ul	94
44) Dimethylphthalate	14.13	163	45546	2.389 ng/ul	99
47) Acenaphthylene	14.41	152	42593	1.924 ng/ul	98
49) Acenaphthene	14.74	153	46225	2.986 ng/ul	99
53) Dibenzofuran	15.09	168	91715	3.970 ng/ul	96
58) Fluorene	15.73	166	87358	4.694 ng/ul	96
69) Phenanthrene	17.48	178	1374892	50.592 ng/ul	95
71) Anthracene	17.57	178	193219	7.010 ng/ul	97
74) Carbazole	17.84	167	115448	5.057 ng/ul	99
76) Fluoranthene	19.50	202	1571203	50.039 ng/ul	99
79) Pyrene	19.86	202	1334566	40.593 ng/ul	99
82) Benzo(a)anthracene	21.71	228	739958	21.836 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	146973	8.324 ng/ul	99
84) Chrysene	21.77	228	789973	24.976 ng/ul	99
87) Benzo(b)fluoranthene	23.96	252	957280	25.562 ng/ul	100
88) Benzo(k)fluoranthene	24.02	252	383662m	10.655 ng/ul	95
90) Benzo(a)pyrene	24.84	252	674547	18.902 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.73	276	418939	10.065 ng/ul	98
92) Dibenz(a,h)anthracene	28.77	278	121667	3.583 ng/ul	97
93) Benzo(a,h,i)perylene	29.90	276	346274	9.964 ng/ul	97

JU 08/15/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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