

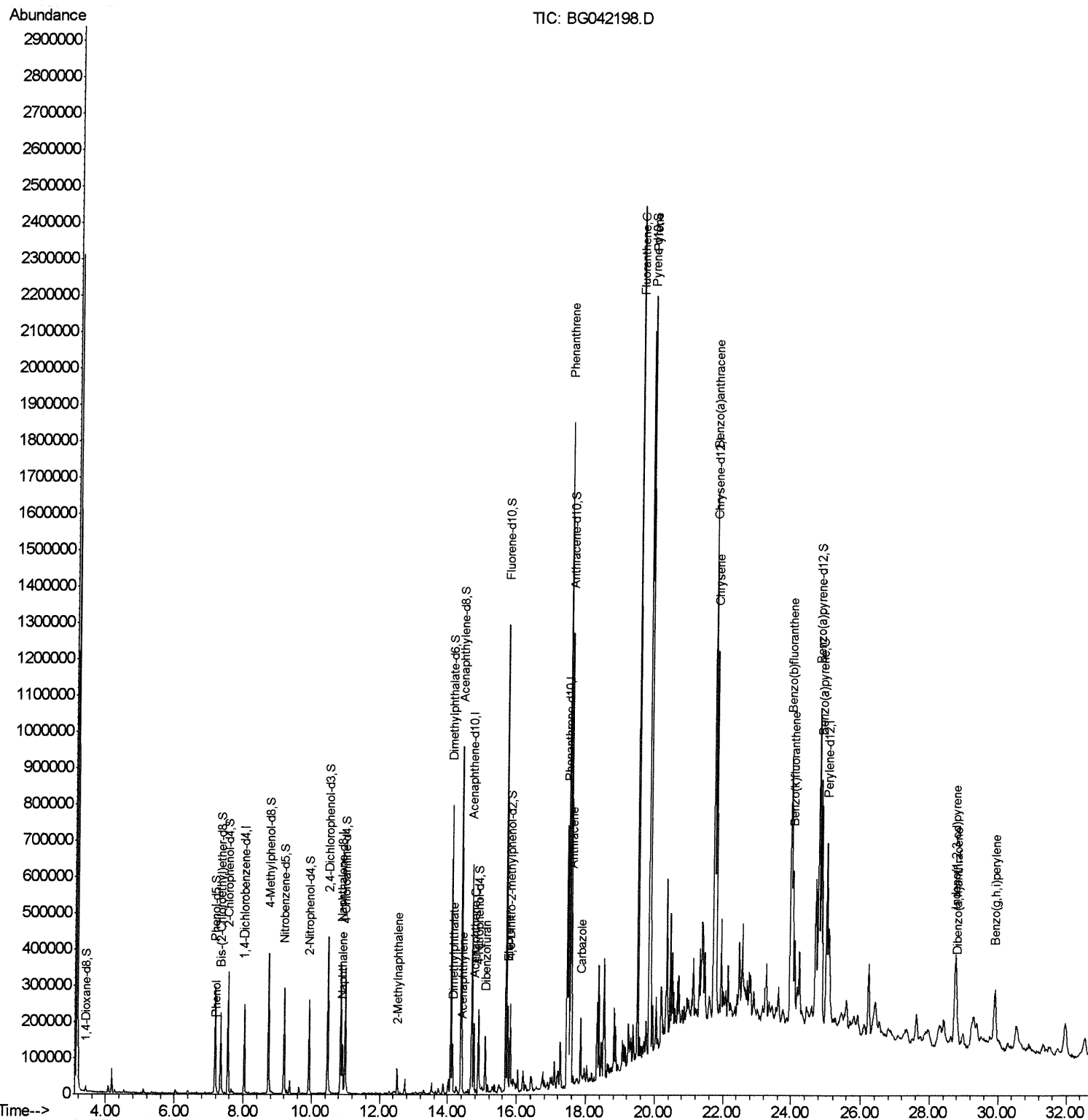
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042198.D
 Acq On : 14 Aug 2019 6:46
 Operator : HP/JU
 Sample : K4304-04
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 CB5N5

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:11:38 PM

Quant Time: Aug 14 08:52:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 08:30:54 2019
 Response via : Initial Calibration



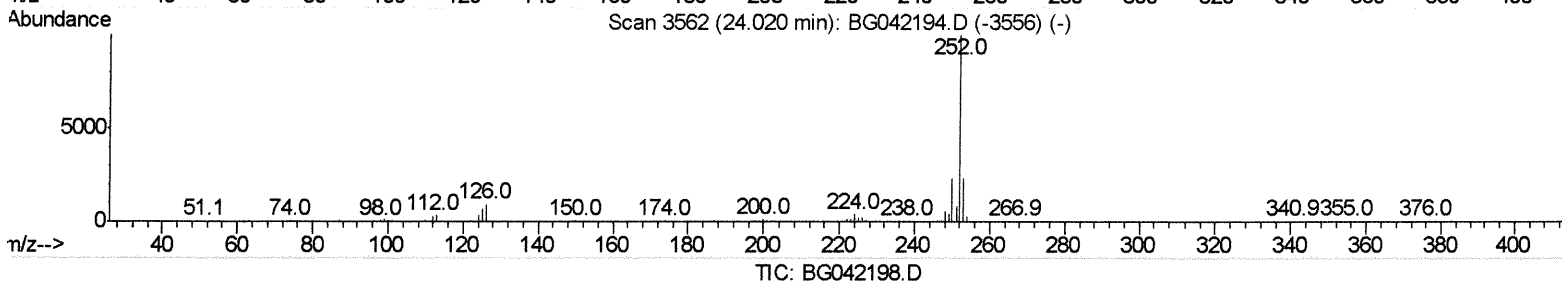
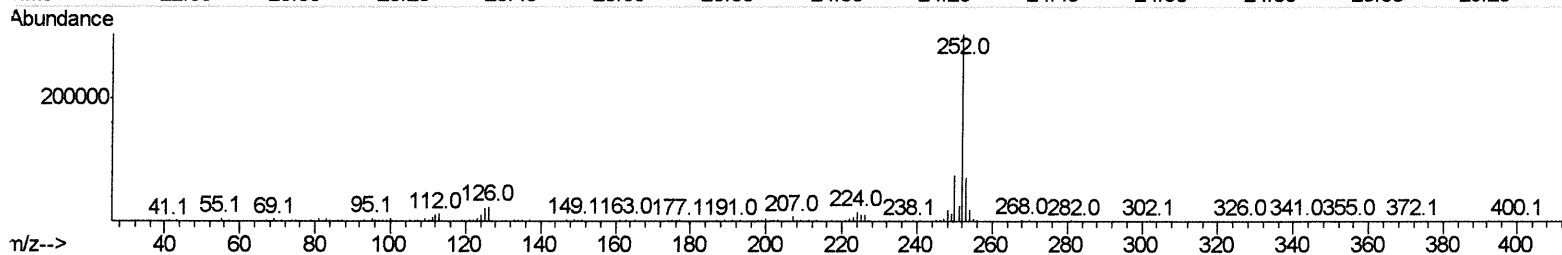
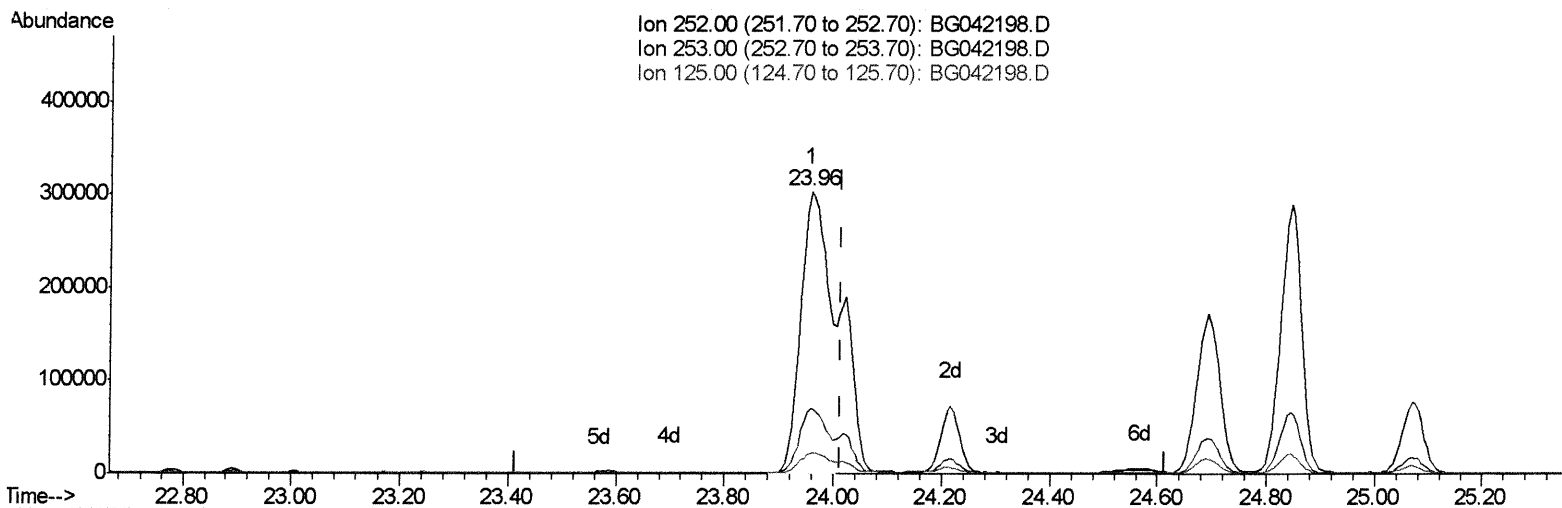
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(88) Benzo(k)fluoranthene

23.957min (-0.056) 31.12ng/ul

response 1091854

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	23.10
125.00	6.90	7.17
0.00	0.00	0.00

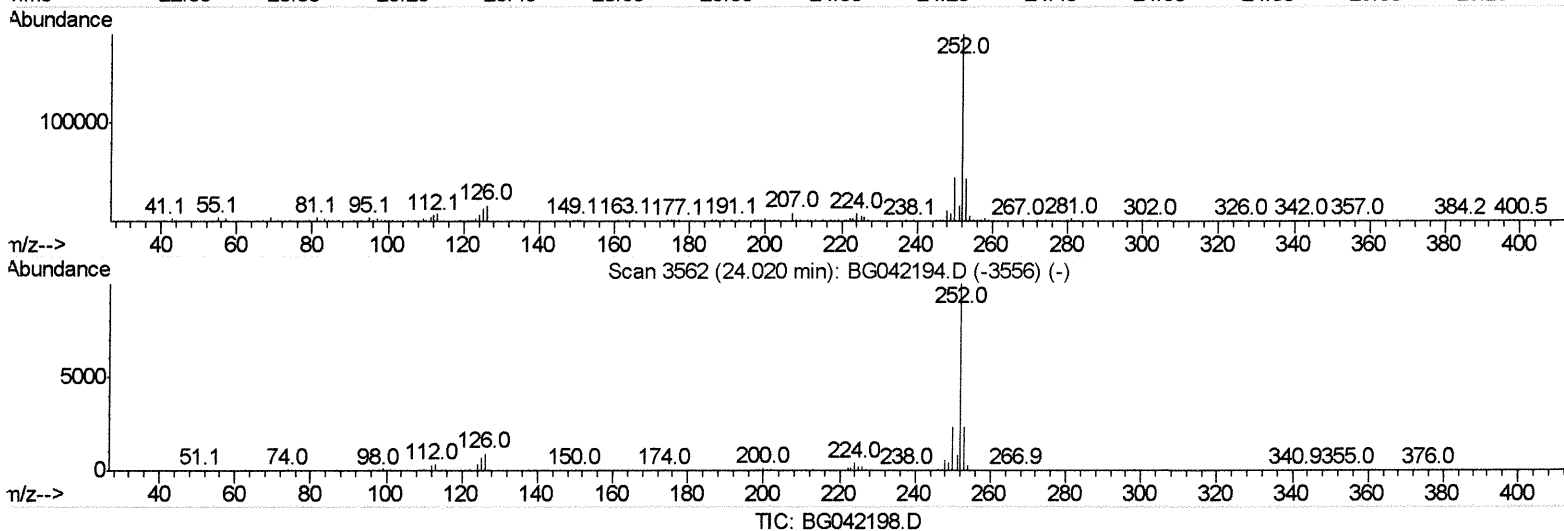
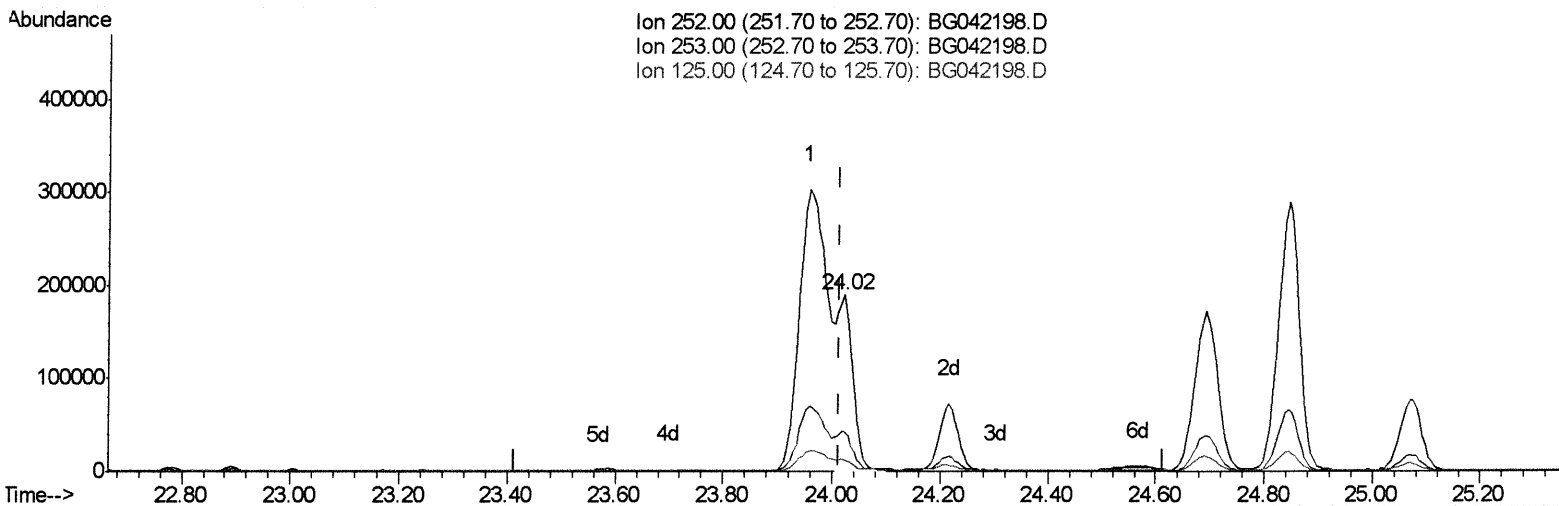
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(88) Benzo(k)fluoranthene

24.021min (+0.008) 10.42ng/ul m *JU 08/15/19*

response 365617

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	22.41
125.00	6.90	6.72
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	83764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	350127	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	241651	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	493785	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	479749	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	581525	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	8600	4.49	ng/uL	0.00
5) Phenol-d5	7.18	99	205186	31.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	102140	27.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	186733	33.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	178823	32.40	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	93838	35.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	117909	38.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	216202	35.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	231433	33.76	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	626377	33.42	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	738042	34.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	89301	28.38	ng/ul	0.00
57) Fluorene-d10	15.68	176	560688	33.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	87886	27.74	ng/ul	0.00
70) Anthracene-d10	17.54	188	814441	34.38	ng/ul	0.00
78) Pyrene-d10	19.83	212	918900	34.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	1074559	35.37	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.21	94	7856	1.158	ng/ul# 87
28) Naphthalene	10.90	128	124099	6.933	ng/ul 99
34) 2-Methylnaphthalene	12.51	142	38029	2.673	ng/ul 99
44) Dimethylphthalate	14.13	163	99974	5.372	ng/ul 99
47) Acenaphthylene	14.41	152	21721	1.005	ng/ul# 97
49) Acenaphthene	14.75	153	86961	5.756	ng/ul 99
53) Dibenzofuran	15.08	168	99761	4.424	ng/ul 97
58) Fluorene	15.73	166	111407	6.134	ng/ul 96
69) Phenanthrene	17.48	178	1228112	45.431	ng/ul 97
71) Anthracene	17.57	178	317928	11.596	ng/ul 100
74) Carbazole	17.84	167	135847	5.982	ng/ul 99
76) Fluoranthene	19.50	202	1607644	51.471	ng/ul 100
79) Pyrene	19.86	202	1343640	41.637	ng/ul 99
82) Benzo(a)anthracene	21.70	228	848410	25.506	ng/ul 99
84) Chrysene	21.77	228	782583	25.207	ng/ul 99
87) Benzo(b)fluoranthene	23.96	252	1091854	29.919	ng/ul 100
88) Benzo(k)fluoranthene	24.02	252	365617m	10.420	ng/ul > Ju 08/15/19
90) Benzo(a)pyrene	24.84	252	771171	22.176	ng/ul 100
91) Indeno(1,2,3-cd)pyrene	28.73	276	486428	11.992	ng/ul 98
92) Dibenzo(a,h)anthracene	28.78	278	130284	3.938	ng/ul 98
93) Benzo(a,h,i)perylene	29.89	276	365621	10.796	ng/ul 99

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

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