

Instrument :
BNA_G
ClientSampleId :
ETOC8

mohammad
8/20/2019 8:35:43 AM

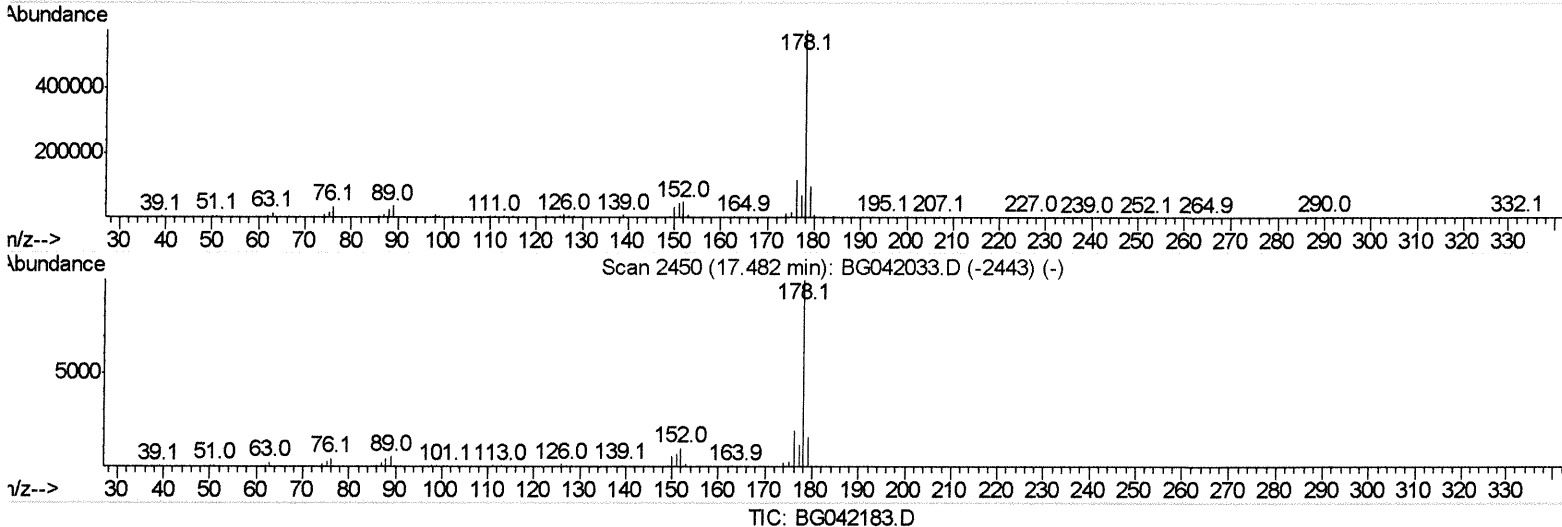
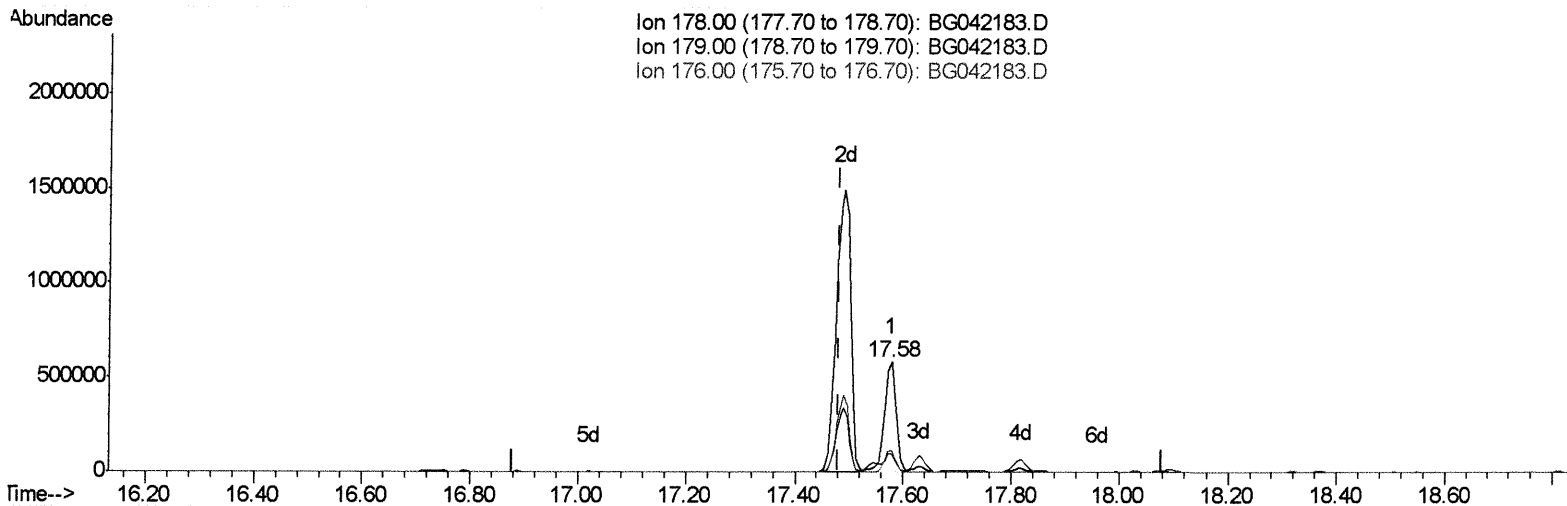
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042183.D
 Acq On : 13 Aug 2019 16:33
 Operator : HP/JU
 Sample : K4215-15
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

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Manual Integrations
 APPROVED

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Quant Time: Aug 14 05:03:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:56:59 2019
 Response via : Initial Calibration



(69) Phenanthrene

17.577min (+0.097) 35.39ng/ul

response 867162

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.62
176.00	19.30	19.72
0.00	0.00	0.00

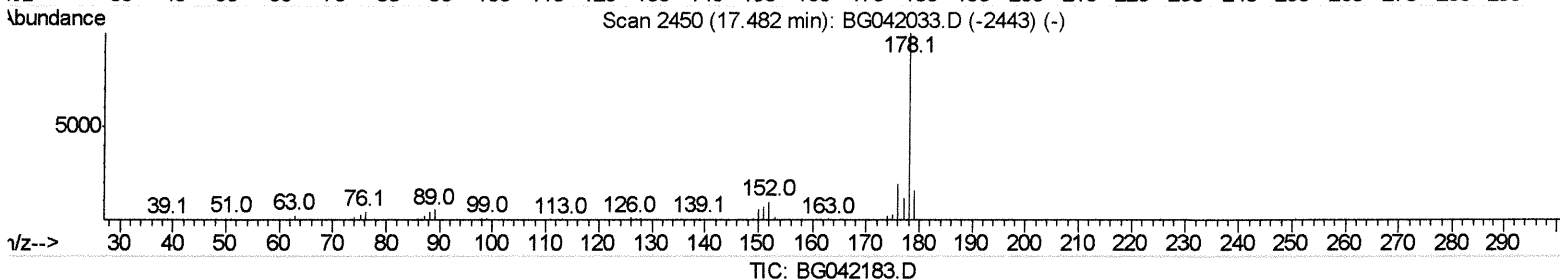
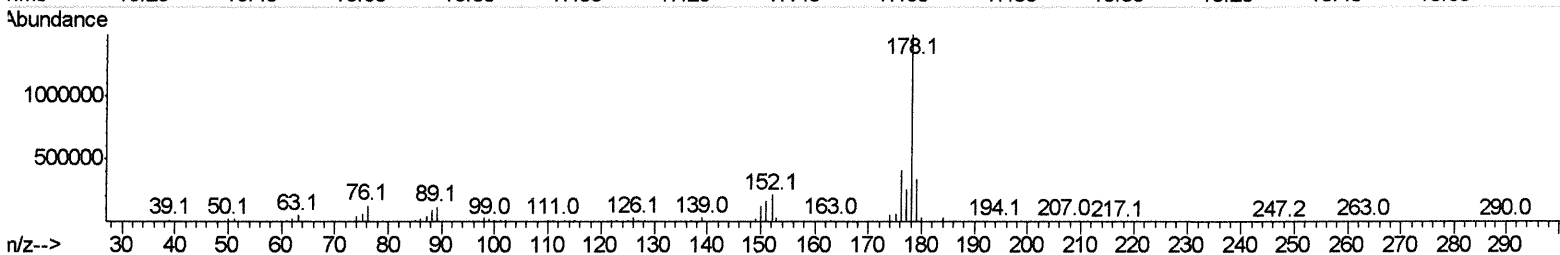
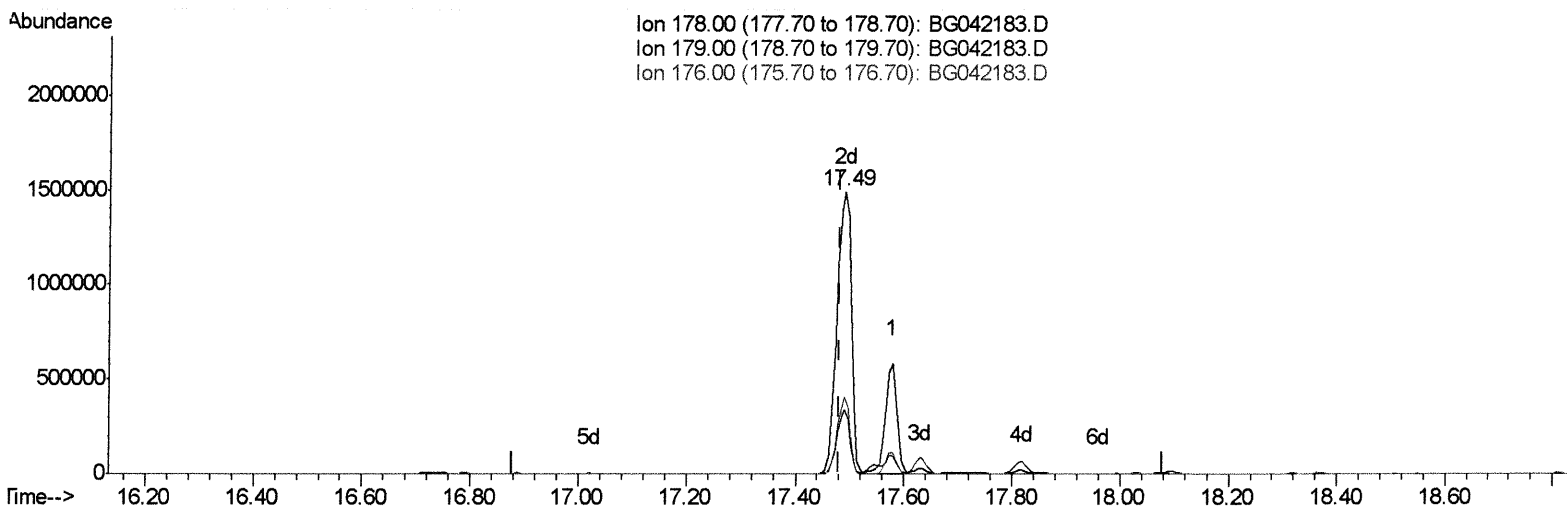
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(69) Phenanthrene

17.489min (+0.009) 112.15ng/ul m *JU* 08/14/19

response 2748237

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	22.84#
176.00	19.30	27.16#
0.00	0.00	0.00

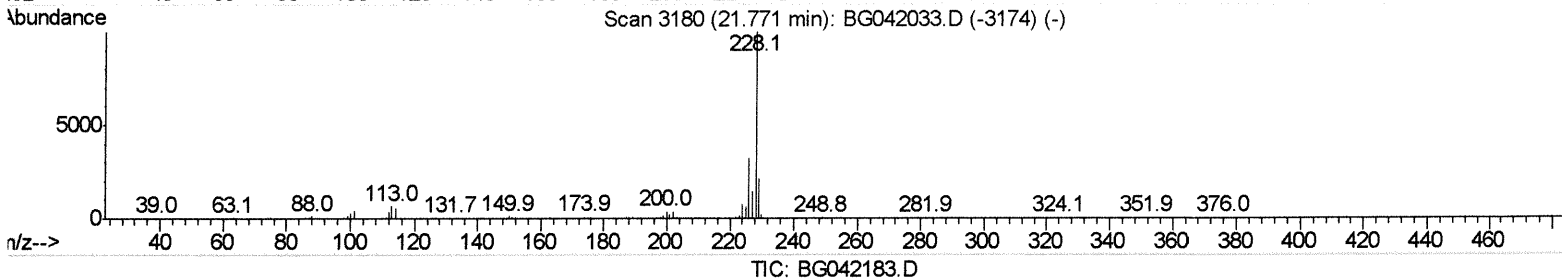
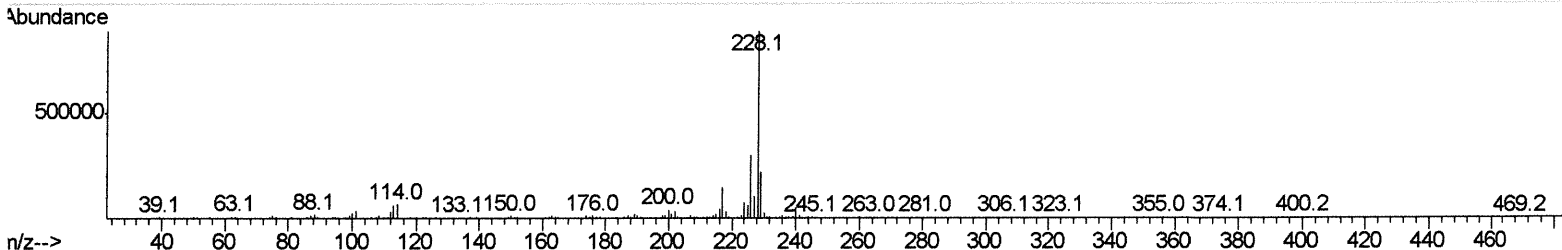
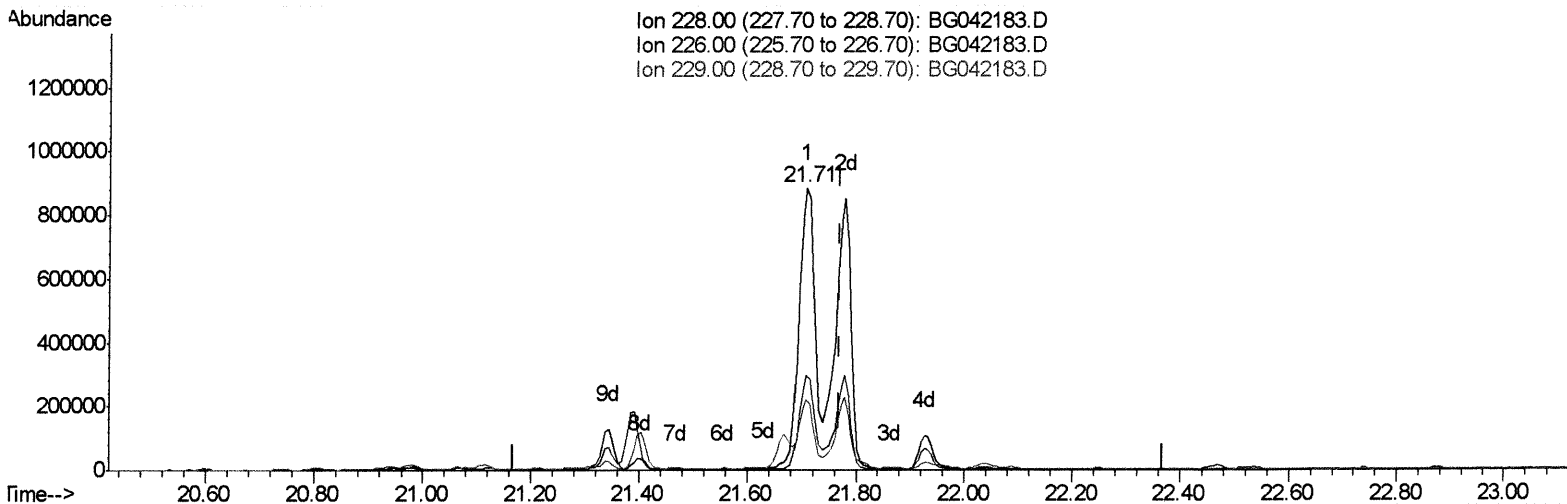
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(84) Chrysene

21.708min (-0.061) 61.01ng/ul

response 1776607

Ion	Exp%	Act%
228.00	100	100
226.00	32.10	33.42
229.00	20.70	24.81
0.00	0.00	0.00

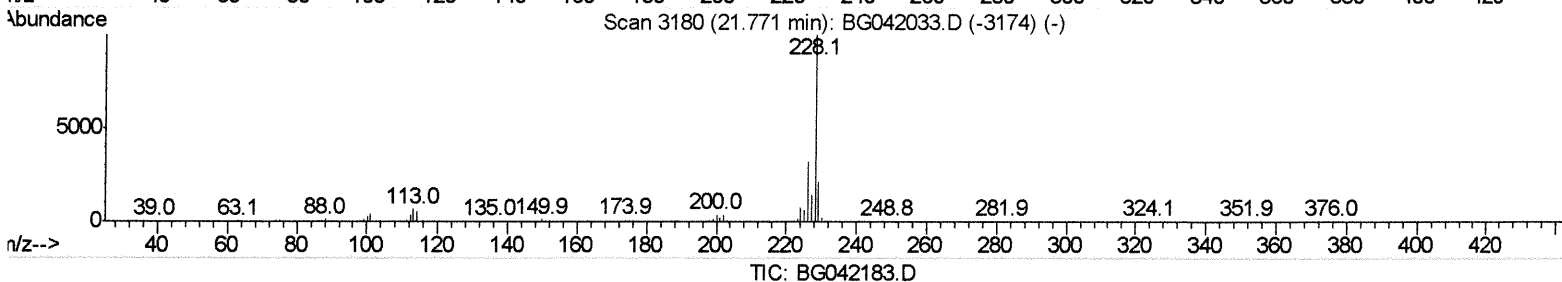
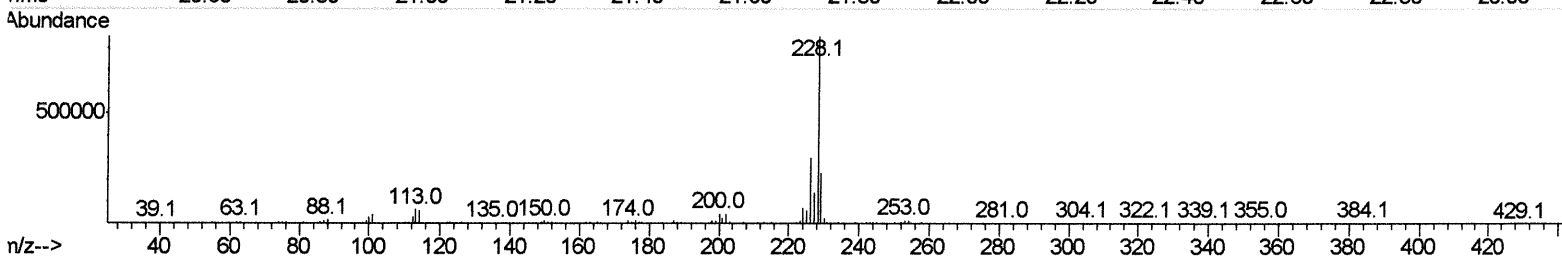
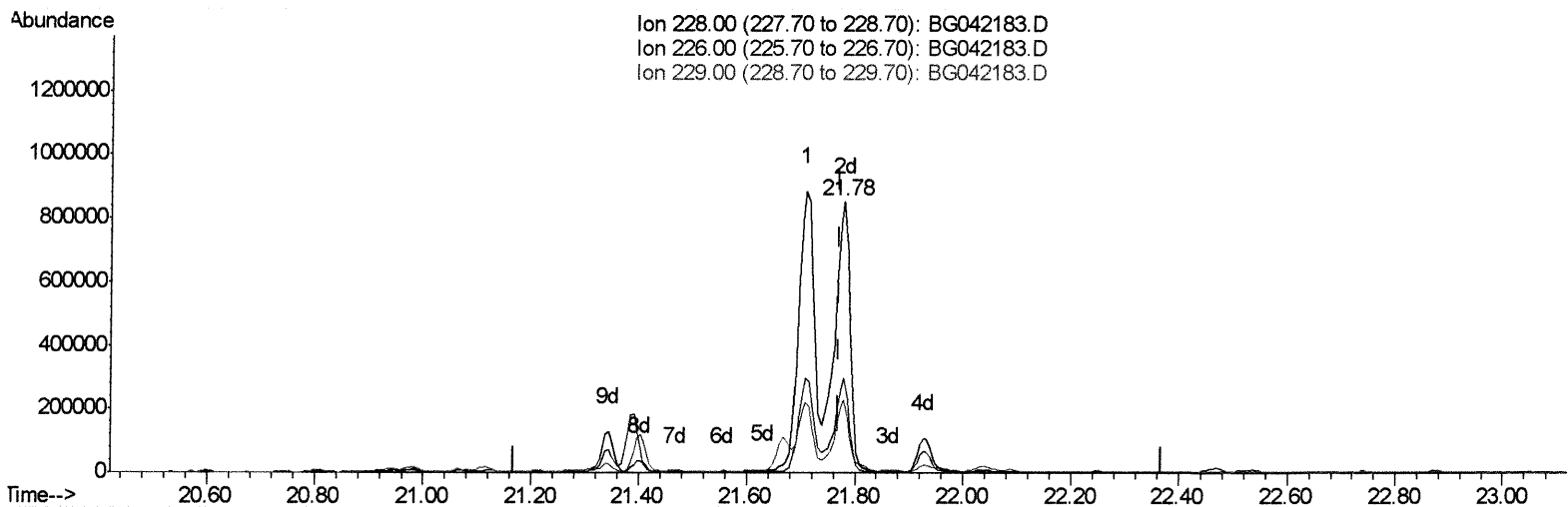
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(84) Chrysene

21.778min (+0.009) 57.17ng/ul m *JU 08/14/19*

response 1664821

Ion	Exp%	Act%
228.00	100	100
226.00	32.10	35.14
229.00	20.70	26.90#
0.00	0.00	0.00

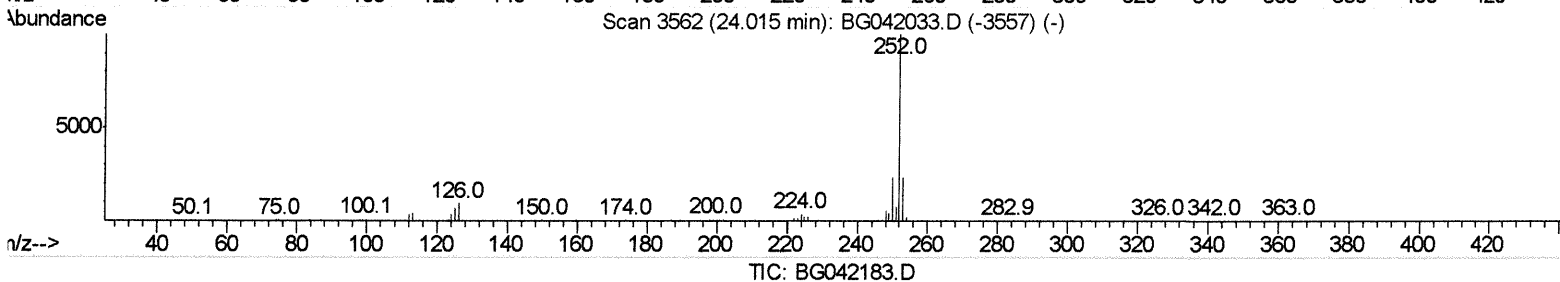
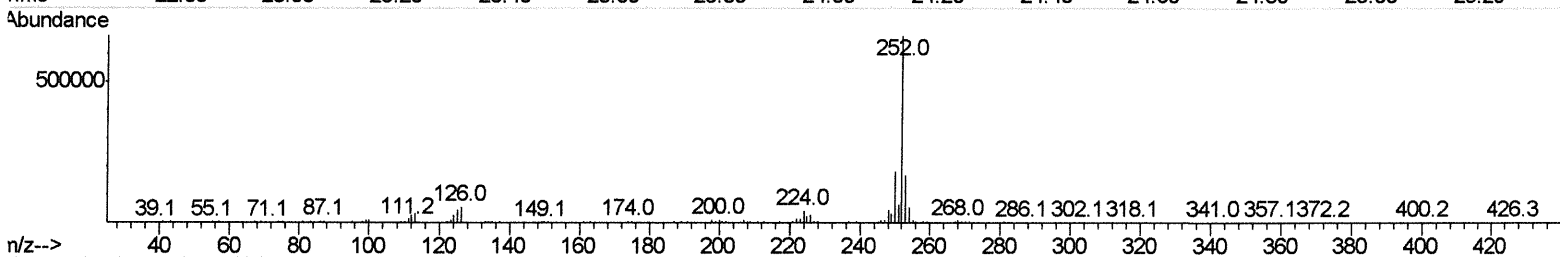
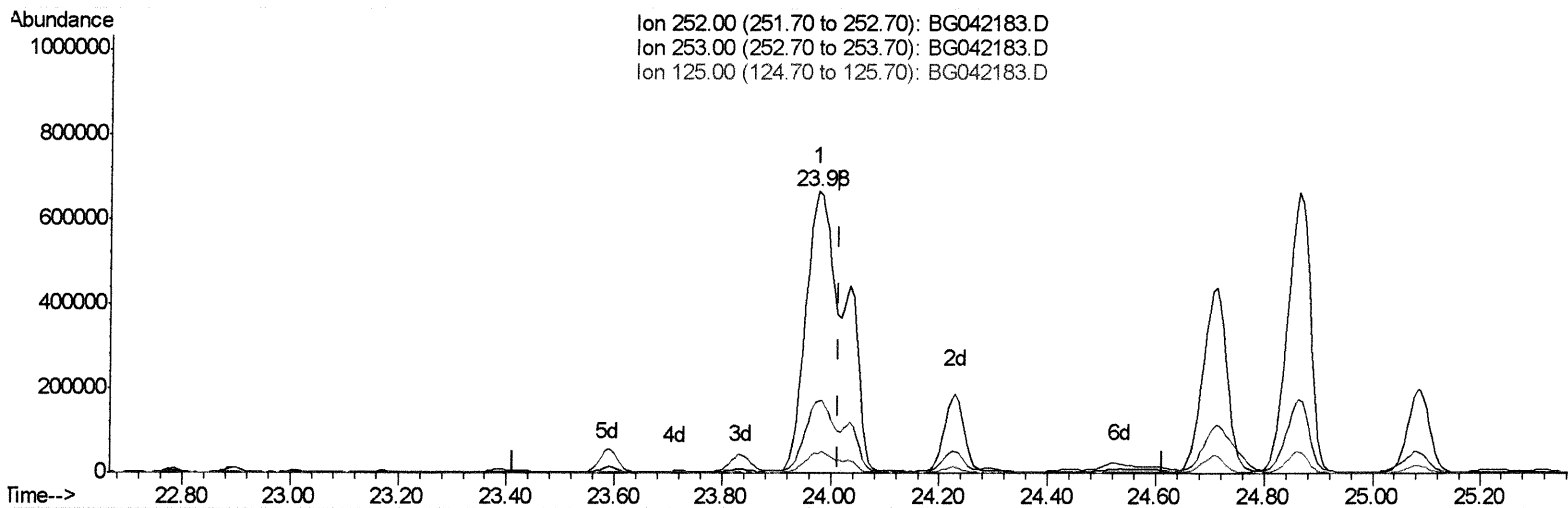
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(88) Benzo(k)fluoranthene

23.976min (-0.038) 73.44ng/ul

response 2451923

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	25.66
125.00	6.90	7.05
0.00	0.00	0.00

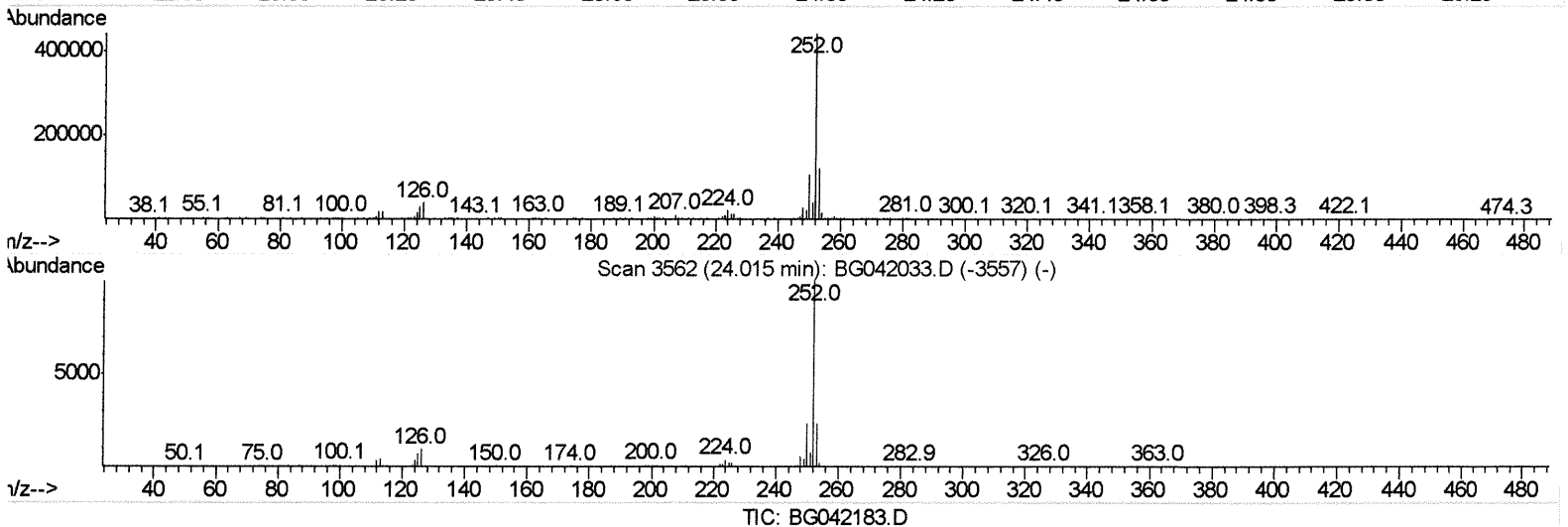
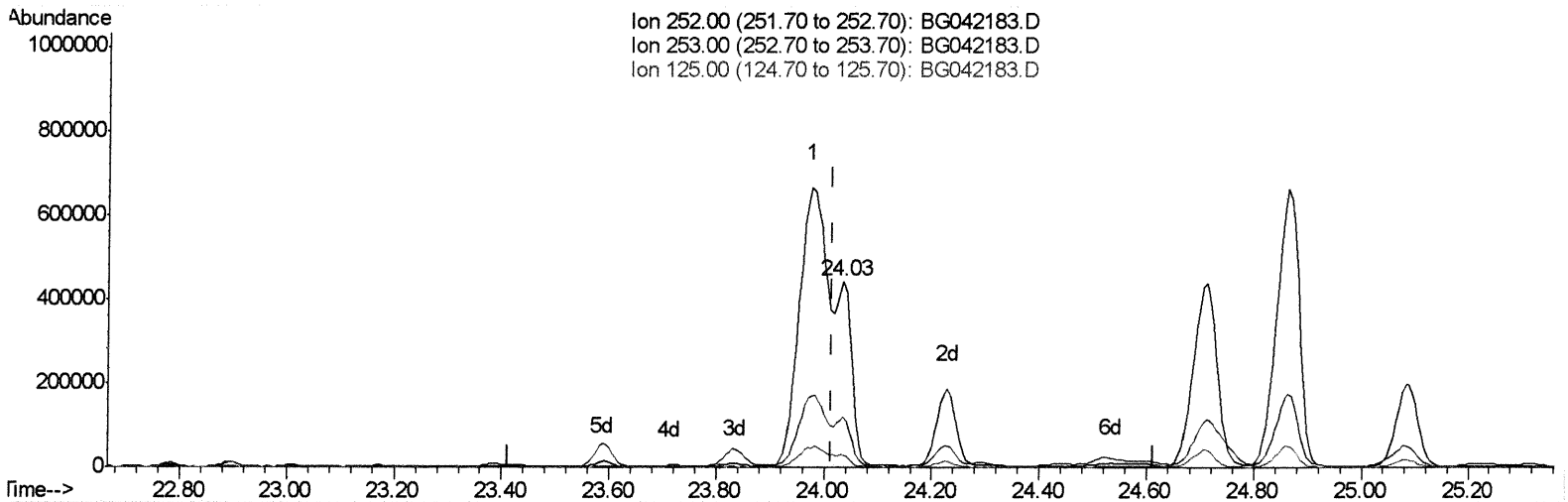
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 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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(88) Benzo(k)fluoranthene

24.034min (+0.021) 25.17ng/ul m *JU* *08/14/19*

response 840286

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	27.21
125.00	6.90	6.72
0.00	0.00	0.00

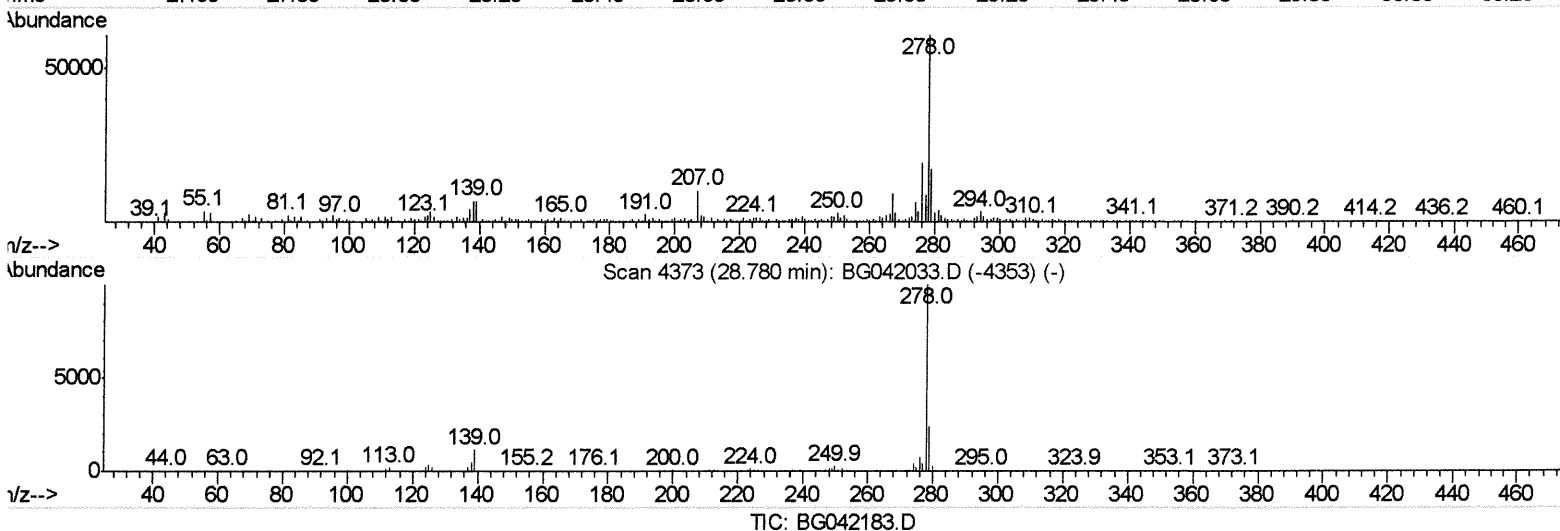
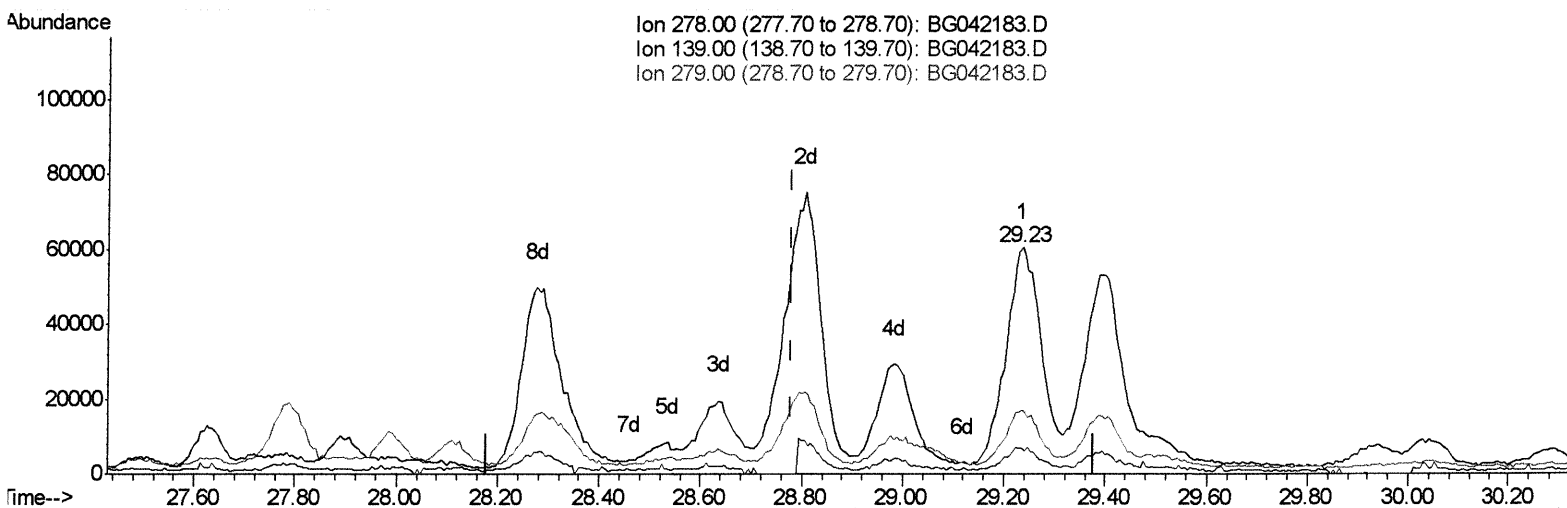
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(92) Dibenzo(a,h)anthracene

29.234min (+0.456) 8.78ng/ul

response 276382

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	11.37
279.00	24.00	28.54
0.00	0.00	0.00

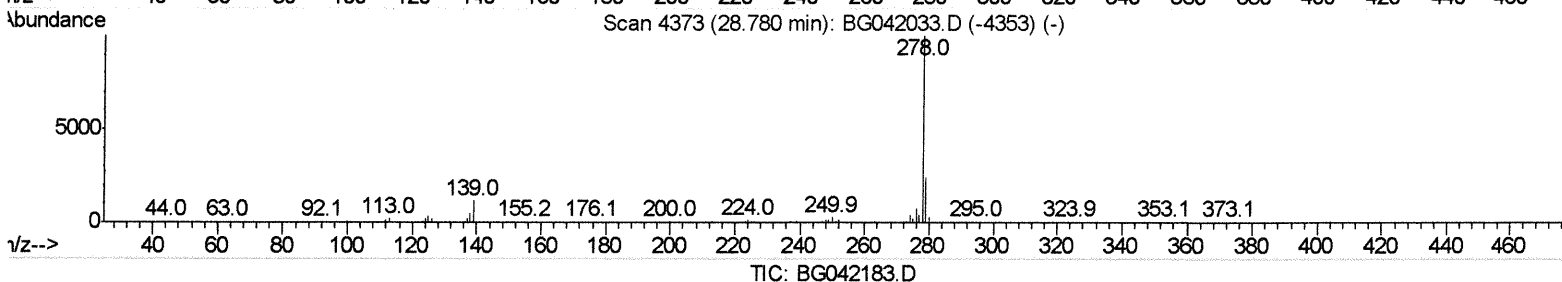
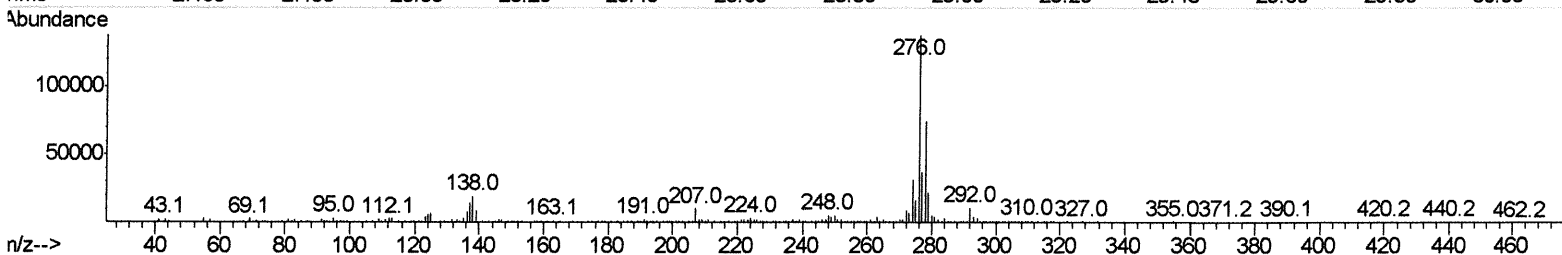
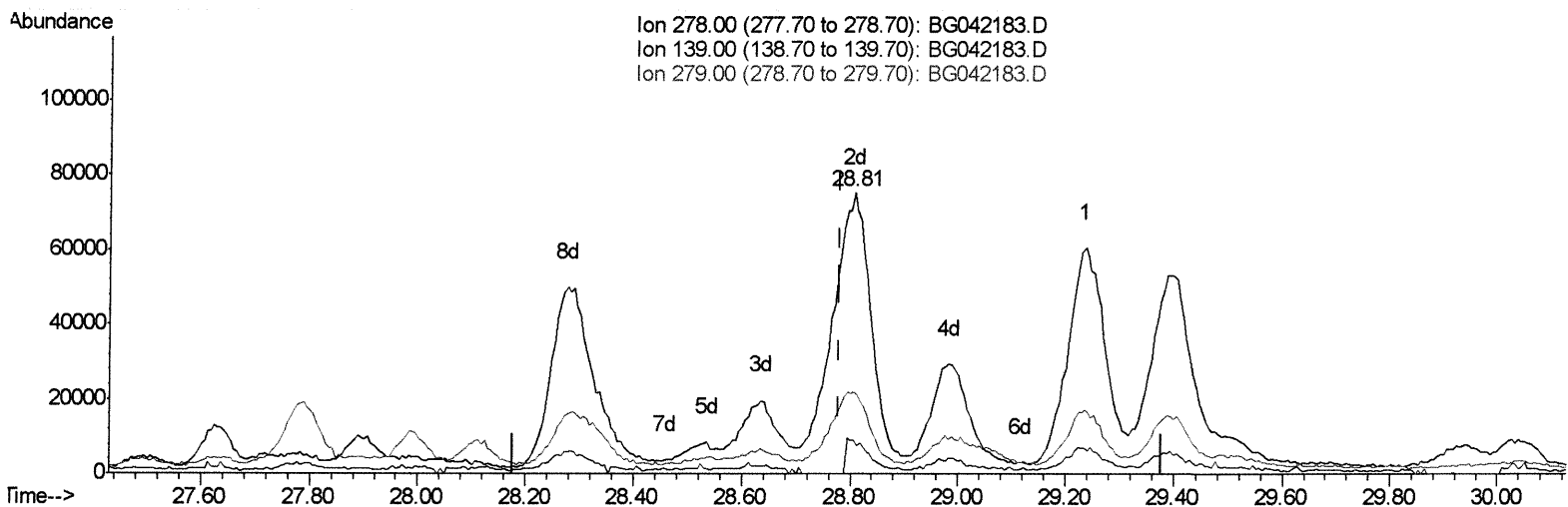
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Instrument :
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Manual Integrations
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(92) Dibenzo(a,h)anthracene

28.805min (+0.027) 10.50ng/ul m 08/14/19

response 330601

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	11.89
279.00	24.00	29.28#
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	78585	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	326132	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	222151	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	447605	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	450008	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	553353	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5370	2.99	ng/uL	0.00
5) Phenol-d5	7.18	99	122284	19.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	63708	18.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	117544	22.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	106113	20.49	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	59561	24.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	75372	26.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	144891	25.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	137542	21.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	439458	25.51	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	517907	26.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	41908	14.49	ng/ul	0.00
57) Fluorene-d10	15.68	176	394566	25.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	40373	14.06	ng/ul	0.00
70) Anthracene-d10	17.54	188	600078	27.94	ng/ul	0.00
78) Pyrene-d10	19.83	212	678118	27.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	797227	27.58	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.21	94	16210	2.546	ng/ul	97
16) 4-Methylphenol	8.80	108	8328	1.510	ng/ul	97
28) Naphthalene	10.90	128	135649	8.136	ng/ul	97
34) 2-Methylnaphthalene	12.51	142	58653	4.426	ng/ul	95
40) 1,1'-Biphenyl	13.52	154	23240	1.439	ng/ul	95
44) Dimethylphthalate	14.13	163	142785	8.347	ng/ul	98
47) Acenaphthylene	14.41	152	191977	9.664	ng/ul	99
49) Acenaphthene	14.75	153	138979	10.006	ng/ul	98
53) Dibenzofuran	15.09	168	241583	11.654	ng/ul	97
58) Fluorene	15.74	166	304218	18.220	ng/ul	98
69) Phenanthrene	17.49	178	2748237m	112.153	ng/ul	97
71) Anthracene	17.58	178	867162	34.891	ng/ul	99
74) Carbazole	17.84	167	522201	25.366	ng/ul	99
76) Fluoranthene	19.50	202	3018389	106.609	ng/ul#	92
79) Pyrene	19.86	202	2668929	88.170	ng/ul#	92
82) Benzo(a)anthracene	21.71	228	1776607	56.940	ng/ul	92
84) Chrysene	21.78	228	1664821m	57.168	ng/ul	96
87) Benzo(b)fluoranthene	23.98	252	2451923	70.608	ng/ul	96
88) Benzo(k)fluoranthene	24.03	252	840286m	25.167	ng/ul	96
90) Benzo(a)pyrene	24.86	252	1910533	57.736	ng/ul	94
91) Indeno(1,2,3-cd)pyrene	28.76	276	1381939	35.805	ng/ul	96
92) Dibenzo(a,h)anthracene	28.81	278	330601m	10.501	ng/ul	97
93) Benzo(g,h,i)perylene	29.93	276	1168169	36.251	ng/ul	98

Handwritten notes in the right margin of the Target Compounds table:
 - Next to 69) Phenanthrene: 70 08/14/19
 - Next to 84) Chrysene: 70 08/14/19
 - Next to 87) Benzo(b)fluoranthene: 70 08/14/19
 - Next to 88) Benzo(k)fluoranthene: 70 08/14/19
 - Next to 92) Dibenzo(a,h)anthracene: 70 08/14/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed