

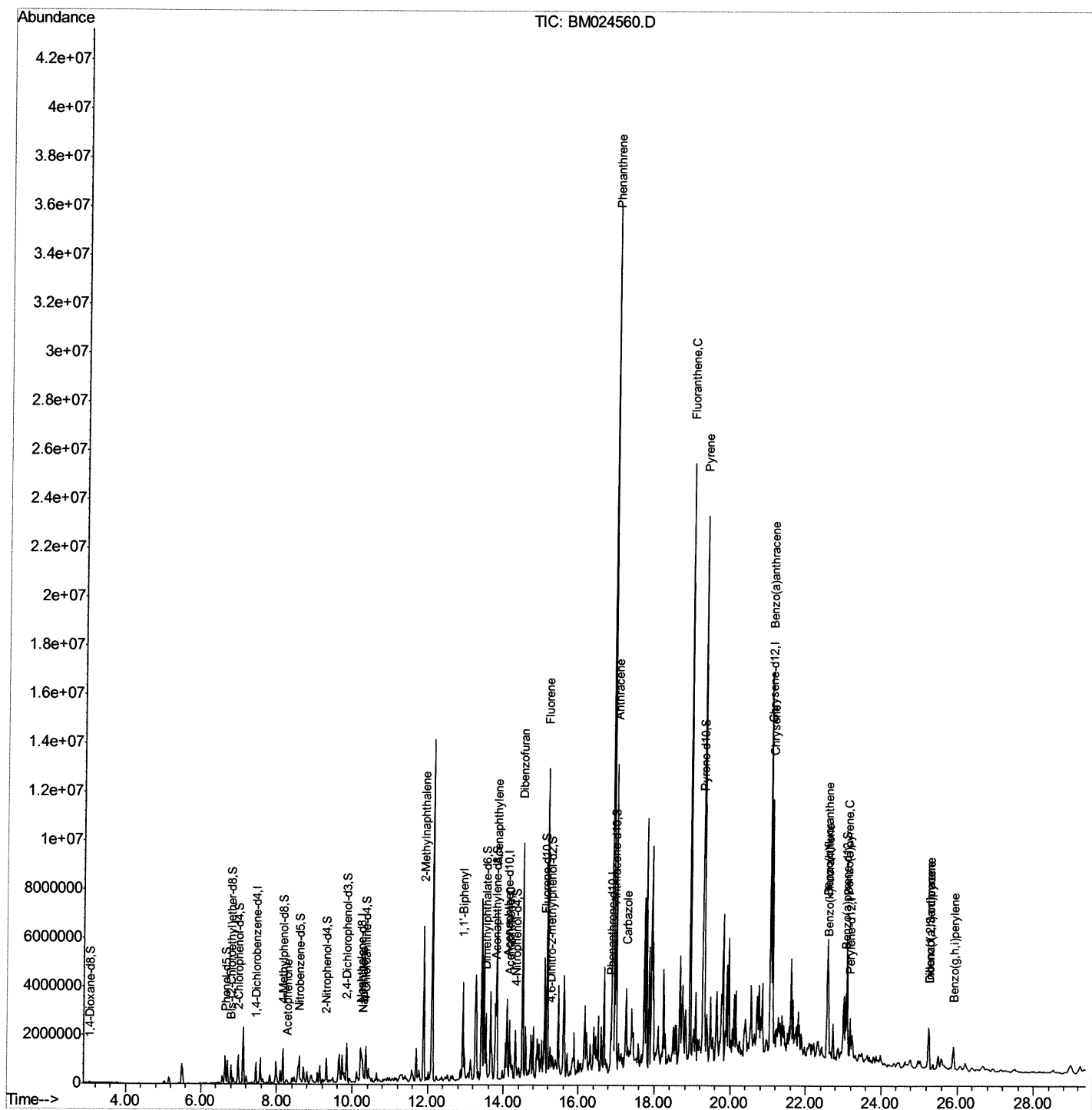
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM012120\
Data File : BM024560.D
Acq On : 21 Jan 2020 13:20
Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASG9ME

Manual Integrations
APPROVED

mohammad
1/23/2020 7:57:27 AM

Quant Time: Jan 21 14:46:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 21 11:19:17 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

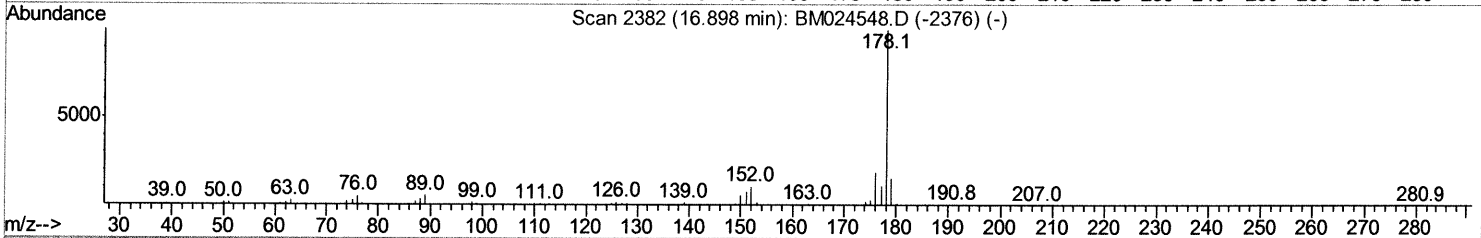
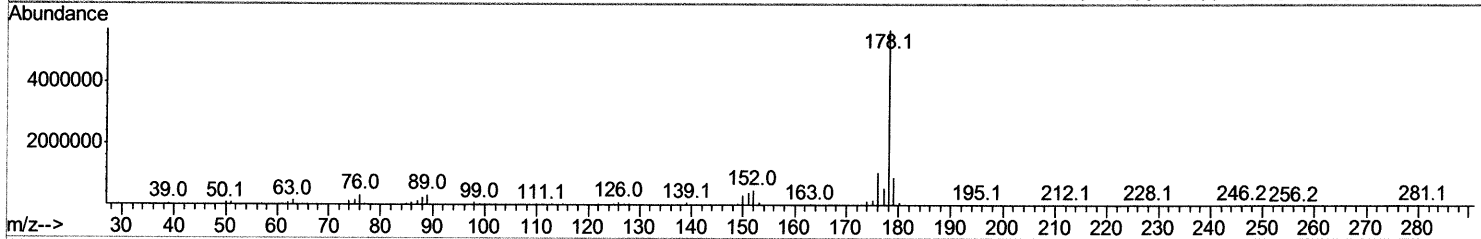
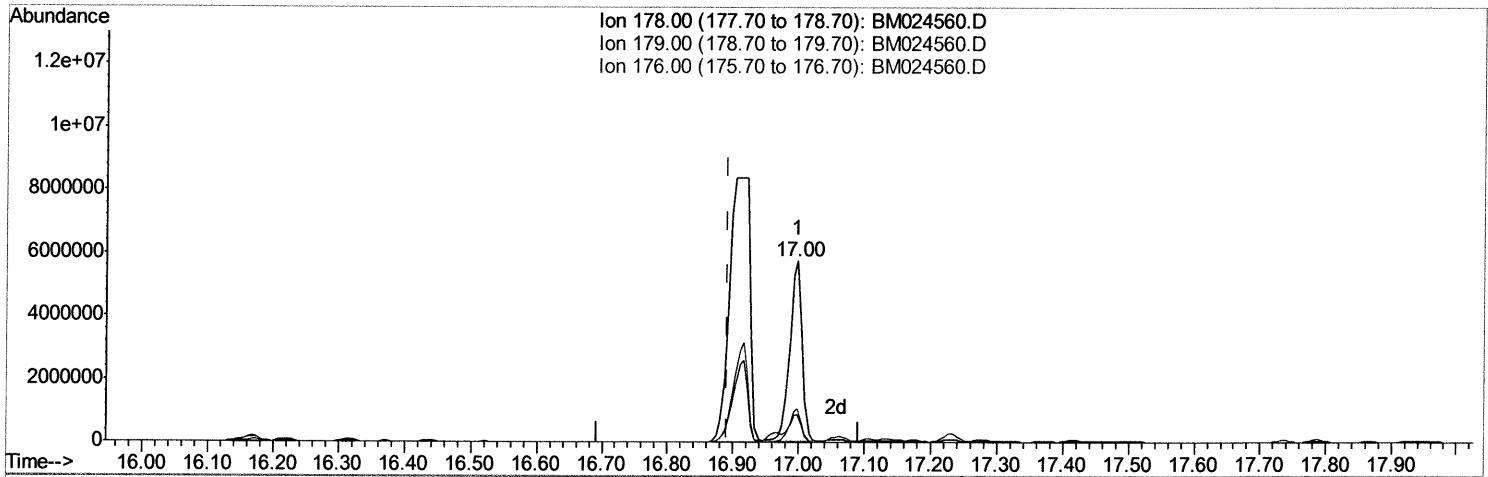
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TIC: BM024560.D

(70) Phenanthrene

16.998min (+0.106) 93.70ng/ul

response 7577316

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.61
176.00	18.60	18.51
0.00	0.00	0.00

Quantitation Report (Qedit)

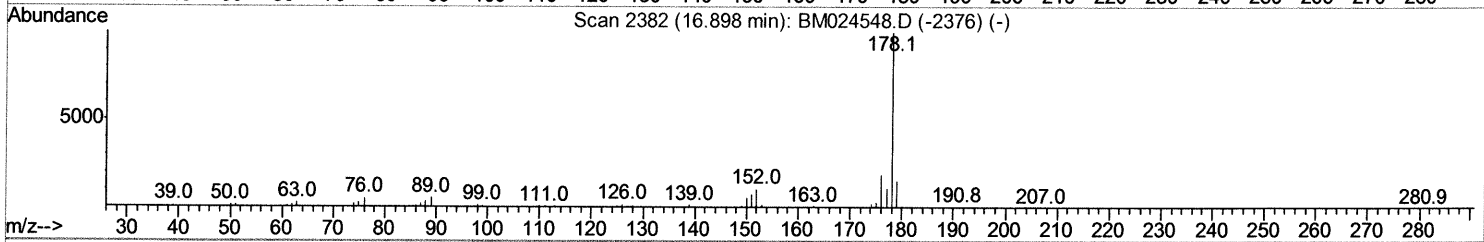
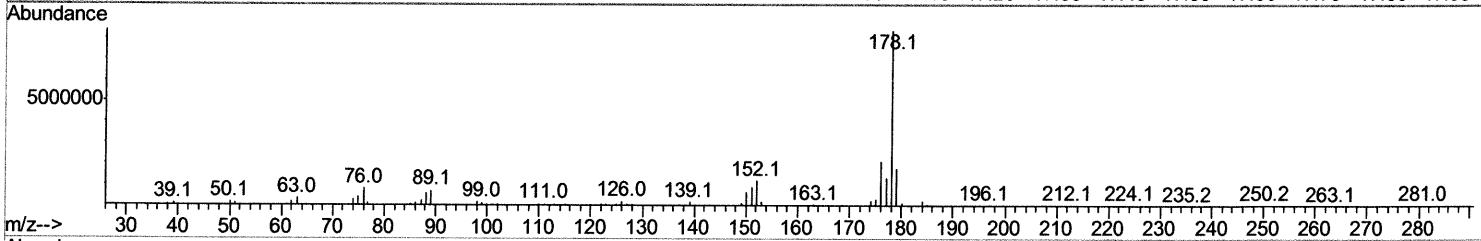
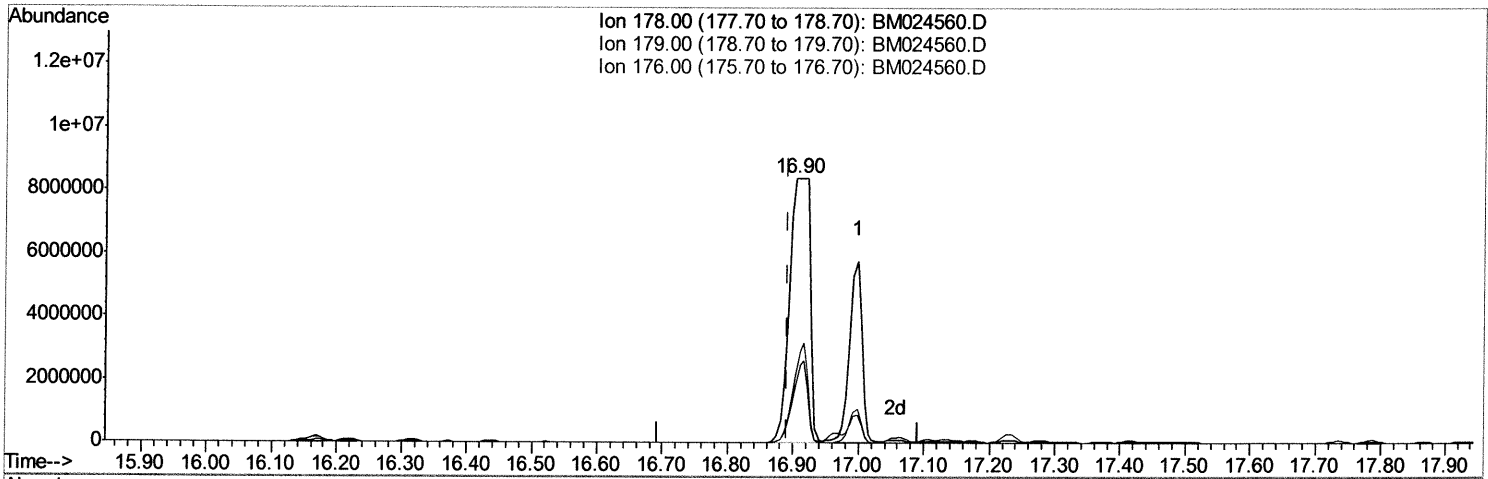
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TIC: BM024560.D

(70) Phenanthrene

16.904min (+0.012) 225.29ng/ul m> SJ 1/22/20

response 18219343

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	21.36#
176.00	18.60	25.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

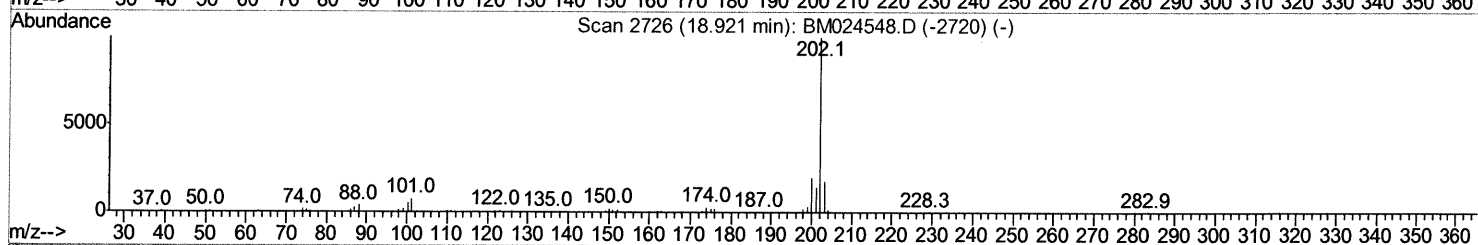
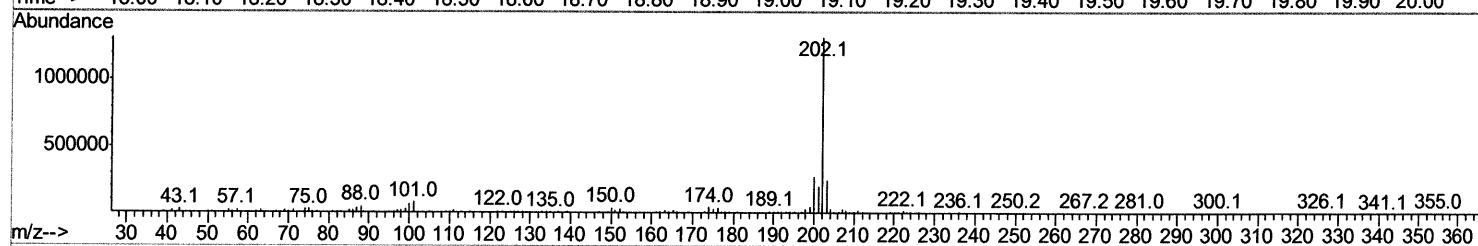
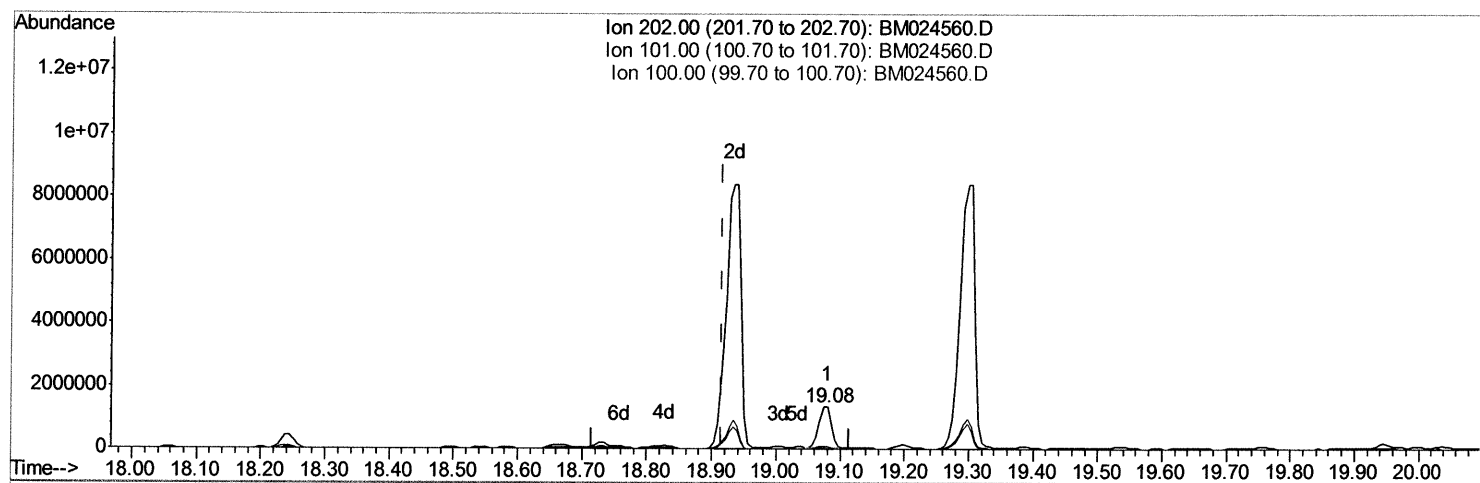
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TIC: BM024560.D

(77) Fluoranthene (C)

19.080min (+0.165) 16.73ng/ul

response 1653915

Ion	Exp%	Act%
202.00	100	100
101.00	6.80	5.93
100.00	5.40	5.04
0.00	0.00	0.00

Quantitation Report (Qedit)

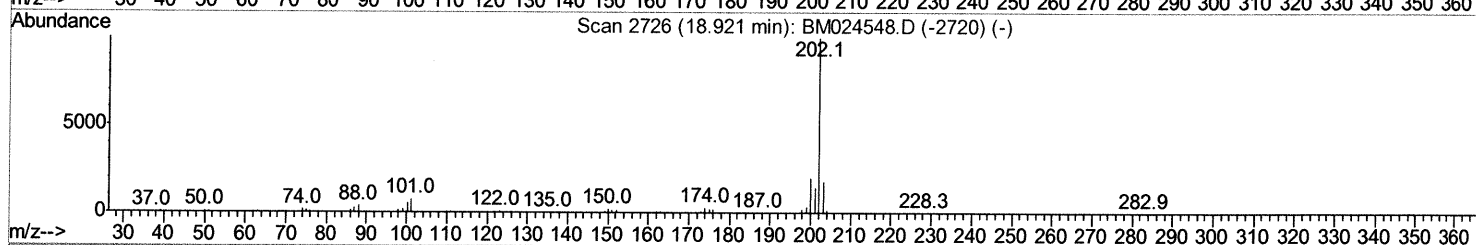
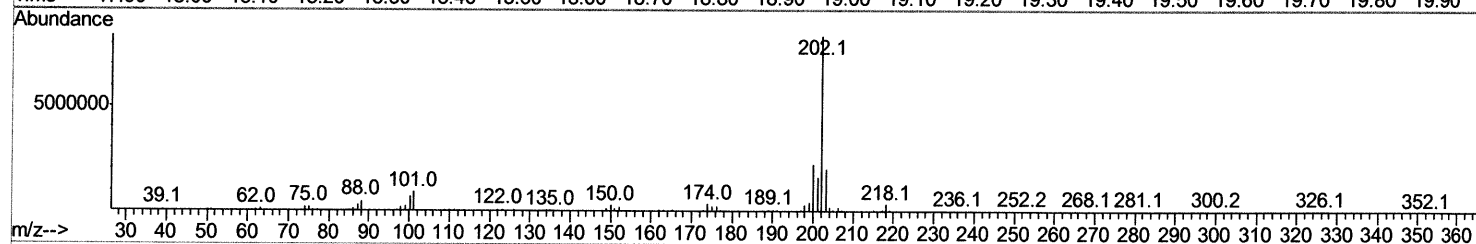
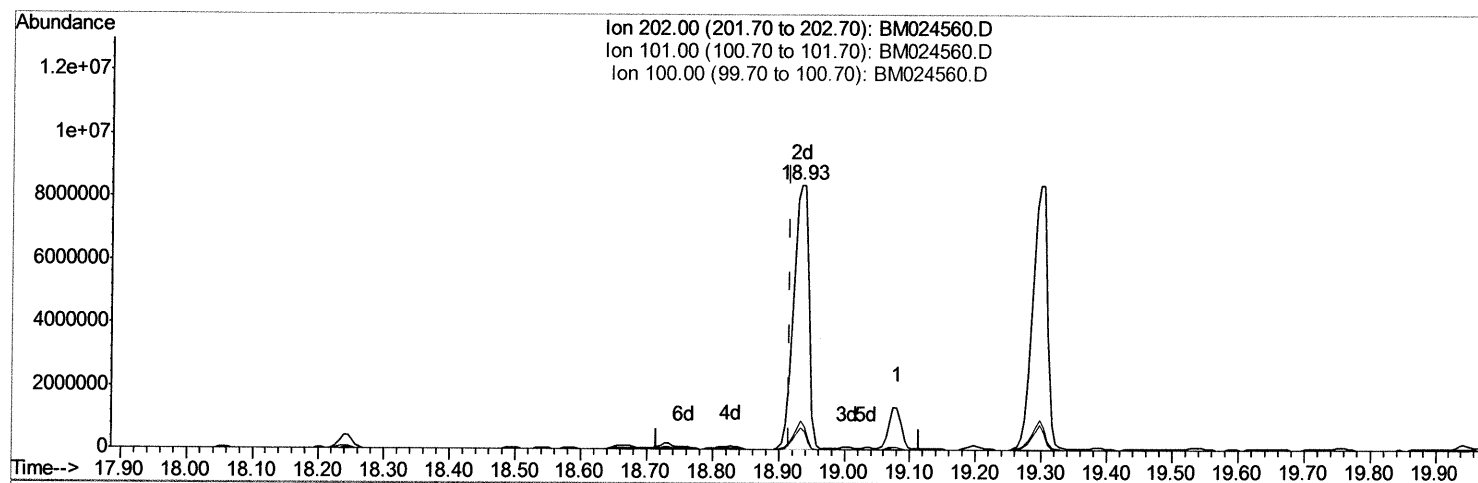
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TIC: BM024560.D

(77) Fluoranthene (C)

18.933min (+0.017) 139.24ng/ul m > 50 1/22/20

response 13762781

Ion	Exp%	Act%
202.00	100	100
101.00	6.80	10.81#
100.00	5.40	8.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

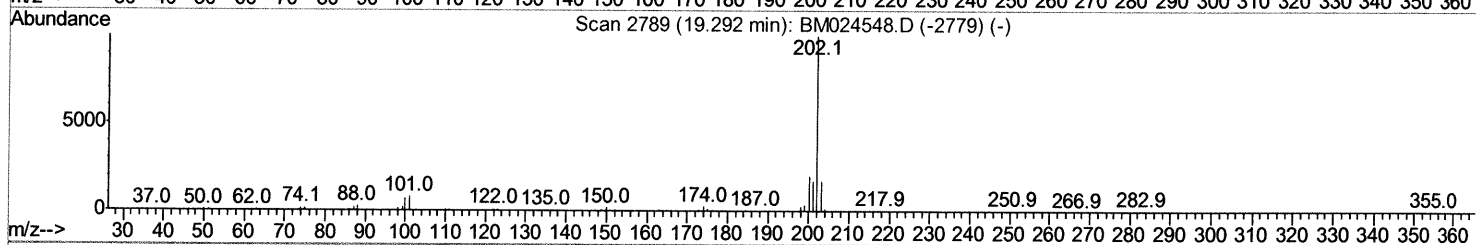
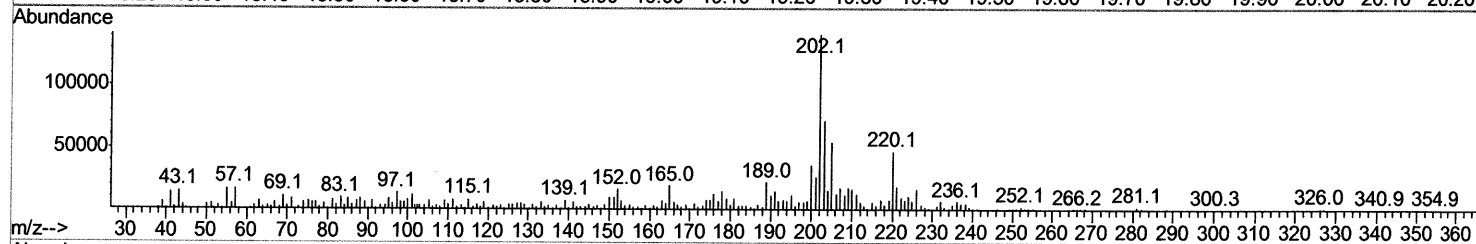
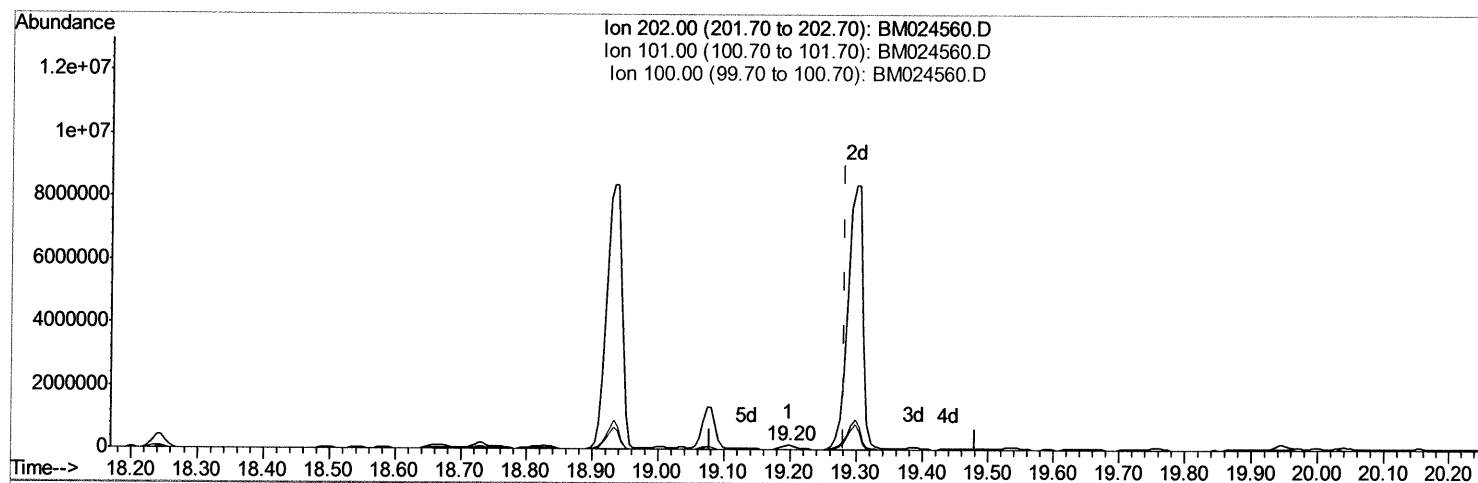
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Data File : BM024560.D
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Operator : JU
Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM024560.D

(80) Pyrene

19.198min (-0.083) 2.10ng/ul

response 196172

Ion	Exp%	Act%
202.00	100	100
101.00	8.10	8.11
100.00	6.30	5.47
0.00	0.00	0.00

Quantitation Report (Qedit)

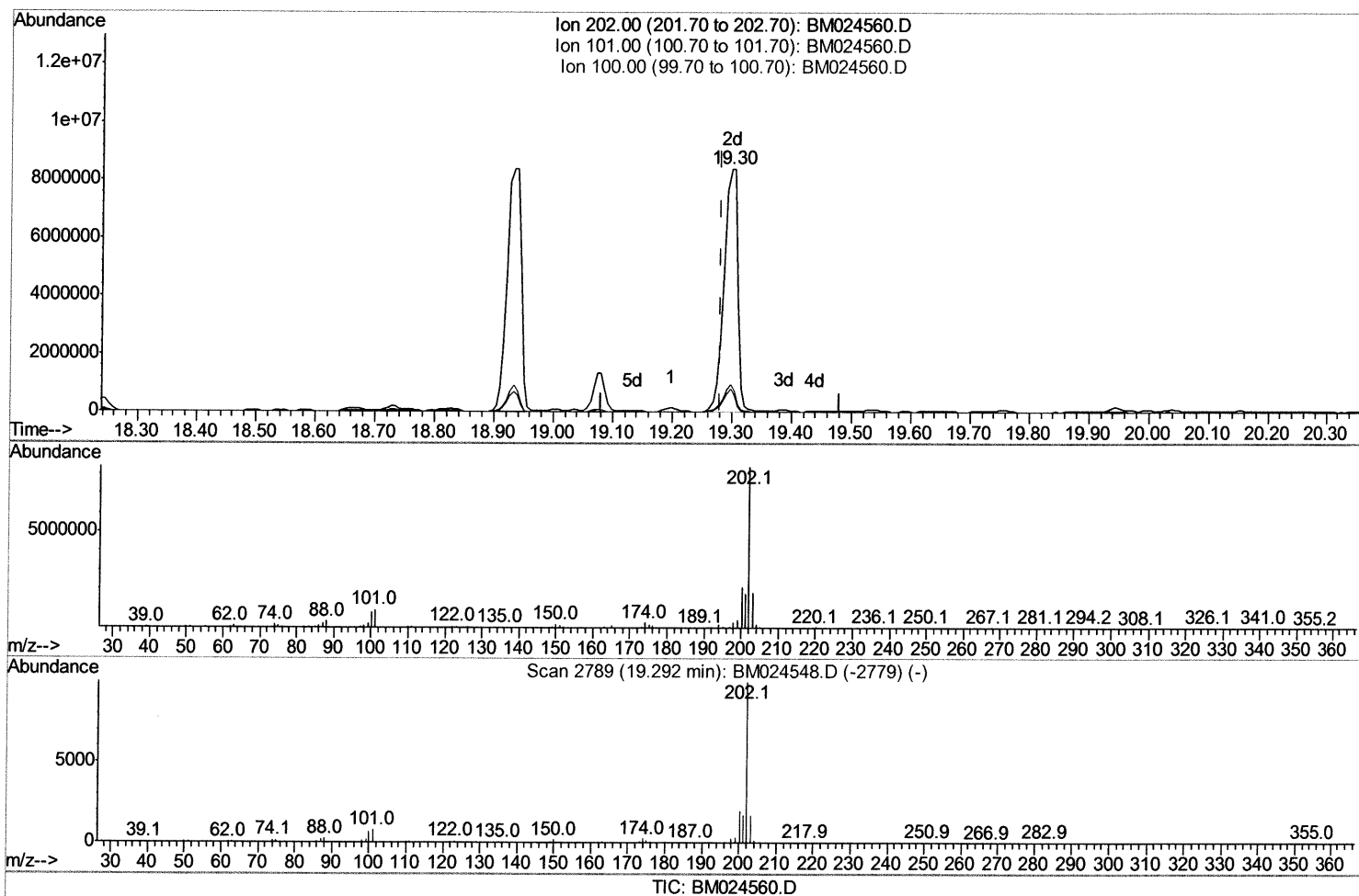
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM012120\
Data File : BM024560.D
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Sample : L1109-10ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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(80) Pyrene

19.298min (+0.017) 143.42ng/ul > 53 1/22/20

response 13385992

Ion	Exp%	Act%
202.00	100	100
101.00	8.10	11.16#
100.00	6.30	9.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

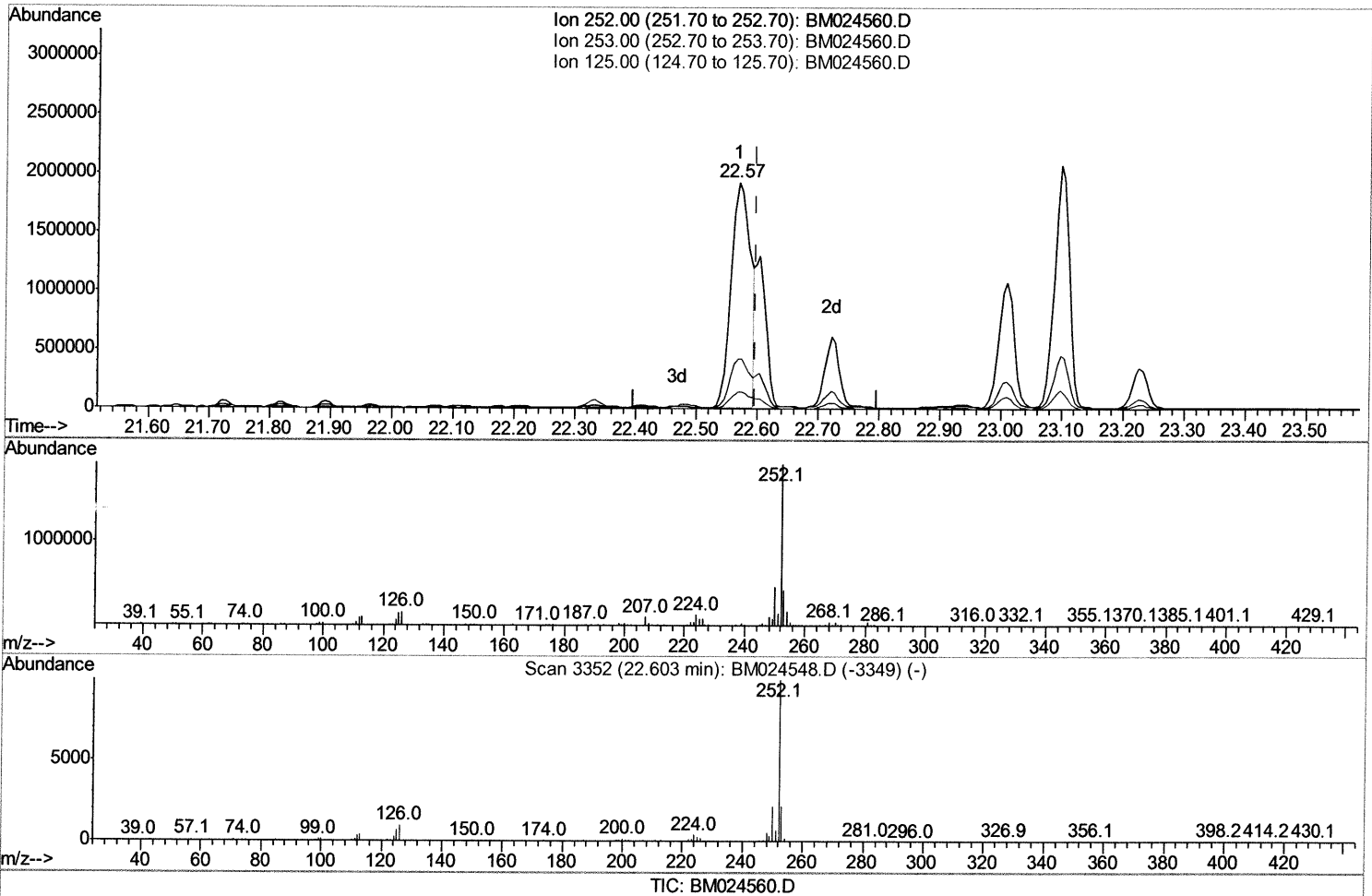
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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(89) Benzo(k)fluoranthene

22.568min (-0.030) 55.10ng/ul

response 4166562

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.27
125.00	6.50	7.46
0.00	0.00	0.00

Quantitation Report (Qedit)

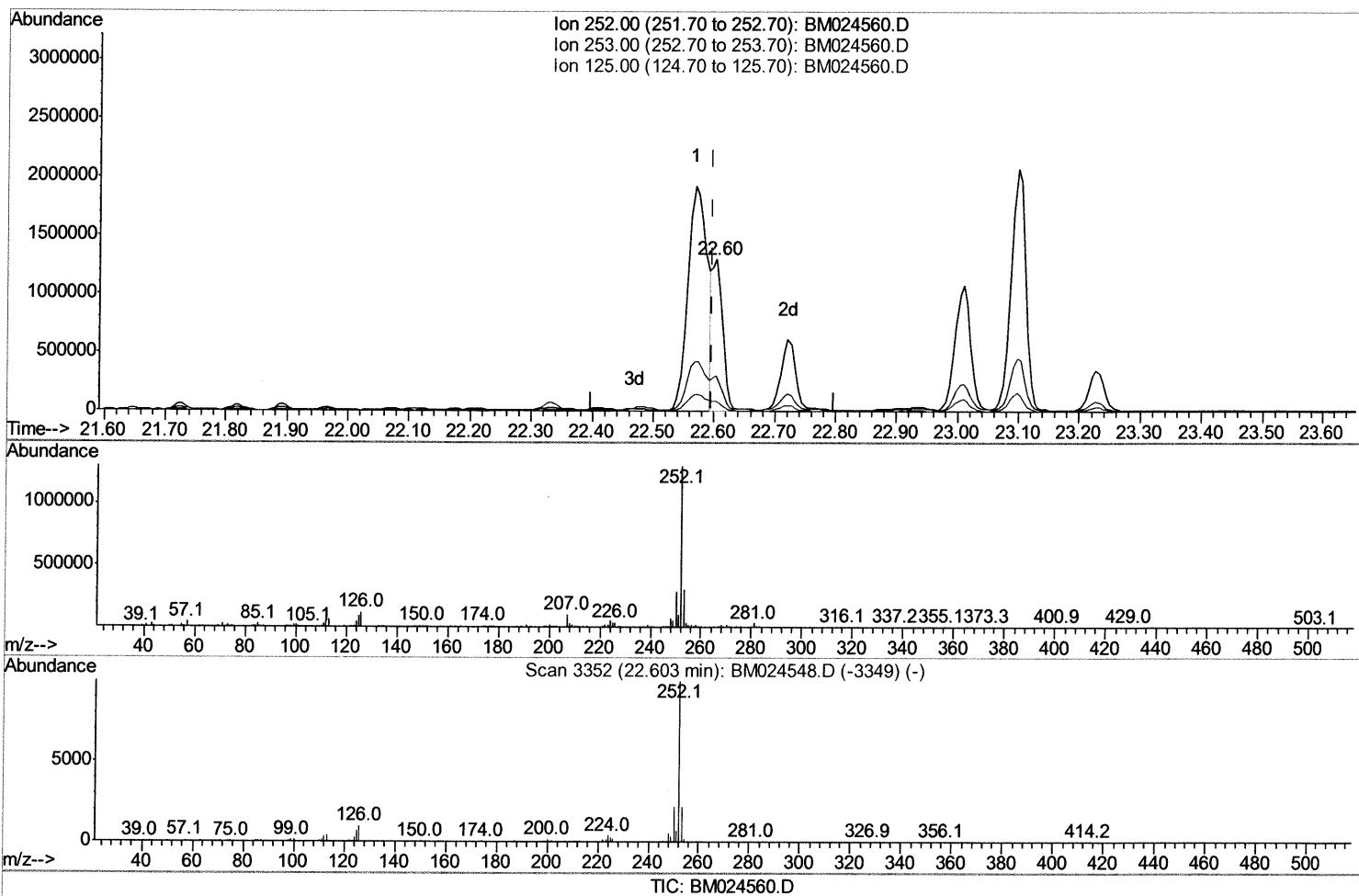
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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(89) Benzo(k)fluoranthene

22.603min (+0.006) 21.41ng/ul m> SJ 1/22/20

response 1619065

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.18
125.00	6.50	6.82
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	7.45	152	233277	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	994805	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	702151	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1499581	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1363431	20.00	ng/ul	0.01
86) Perylene-d12	23.19	264	1164079	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	26668	5.59	ng/ul	0.00
5) Phenol-d5	6.65	99	563466	32.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	311853	32.47	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	504665	34.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	494020	30.99	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	265722	38.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	309664	40.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	568747	33.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	781972	41.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1717054	31.21	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	2006080	31.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	297818	32.43	ng/ul	0.00
58) Fluorene-d10	15.10	176	1484516	30.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	241404	28.20	ng/ul	0.02
71) Anthracene-d10	16.96	188	2351524	33.72	ng/ul	0.01
79) Pyrene-d10	19.26	212	2683812	36.83	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.06	264	1999798	33.12	ng/ul	0.01

Target Compounds

					Ovalue
14) Acetophenone	8.26	105	69538	2.779	ng/ul# 67
28) Naphthalene	10.26	128	756572	14.845	ng/ul 100
34) 2-Methylnaphthalene	11.89	142	2908002	73.535	ng/ul 100
41) 1,1'-Biphenyl	12.93	154	1948292	38.219	ng/ul 99
48) Acenaphthylene	13.82	152	3692187	57.084	ng/ul 98
50) Acenaphthene	14.17	153	948711	21.672	ng/ul 100
54) Dibenzofuran	14.51	168	5083809	79.273	ng/ul 100
59) Fluorene	15.17	166	5267334	97.144	ng/ul 99
70) Phenanthrene	16.90	178	18219343m	225.286	ng/ul
72) Anthracene	17.00	178	7577316	91.881	ng/ul 100
75) Carbazole	17.26	167	2044400	29.462	ng/ul 99
77) Fluoranthene	18.93	202	13762781m	139.241	ng/ul
80) Pyrene	19.30	202	13385992m	143.416	ng/ul
83) Benzo(a)anthracene	21.06	228	7283003	78.415	ng/ul 94
85) Chrysene	21.10	228	5720169	63.915	ng/ul 98
88) Benzo(b)fluoranthene	22.57	252	4166562	54.154	ng/ul 99
89) Benzo(k)fluoranthene	22.60	252	1619065m	21.412	ng/ul
91) Benzo(a)pyrene	23.10	252	3480414	52.053	ng/ul 100
92) Indeno(1,2,3-cd)pyrene	25.26	276	1442675	20.621	ng/ul 98
93) Dibenzo(a,h)anthracene	25.26	278	500870	8.436	ng/ul# 92
94) Benzo(a,h,i)perylene	25.89	276	1140229	20.507	ng/ul 98

51 1/22/20

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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