

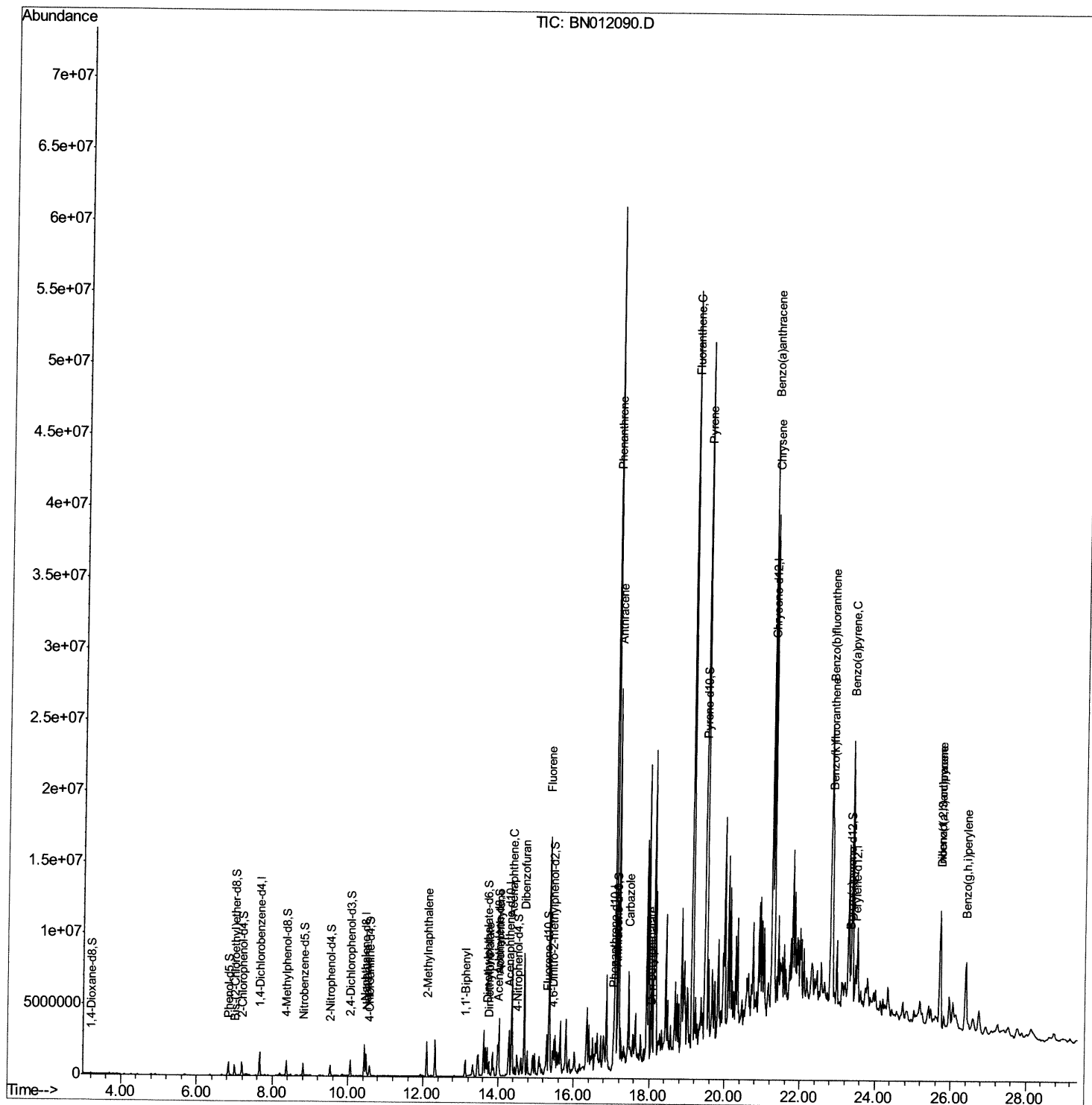
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100520\
Data File : BN012090.D
Acq On : 06 Oct 2020 14:17
Operator : CG/JU
Sample : L4184-18
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS2

Manual Integrations
APPROVED

mohammad
10/7/2020 10:37:18 AM

Quant Time: Oct 06 15:20:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 16:22:43 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

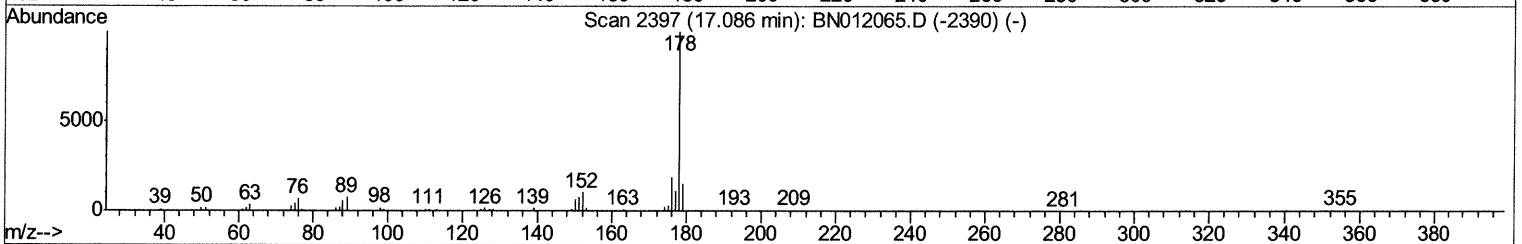
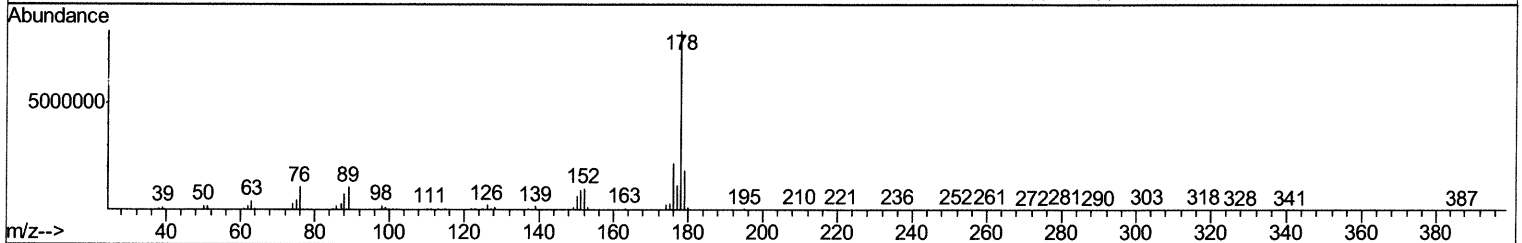
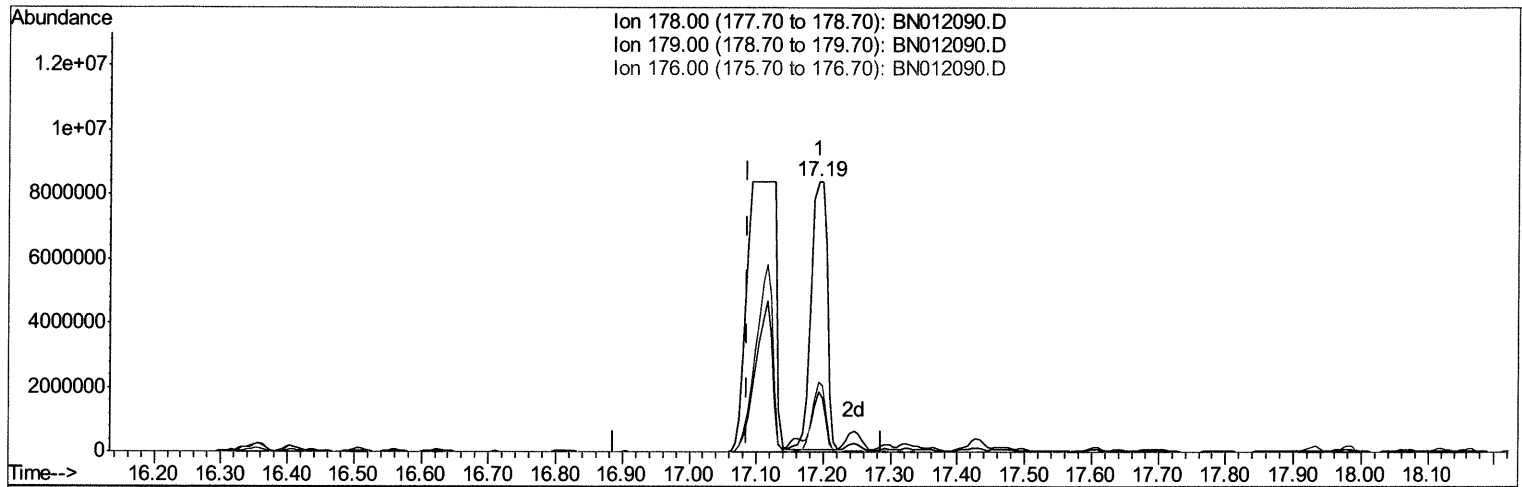
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TIC: BN012090.D

(70) Phenanthrene

17.192min (+0.106) 123.93ng/ul

response 13932983

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	22.16#
176.00	19.30	26.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

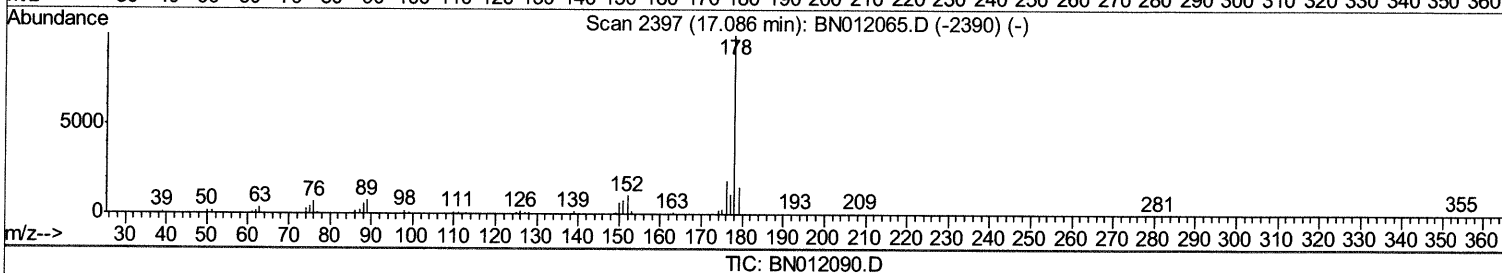
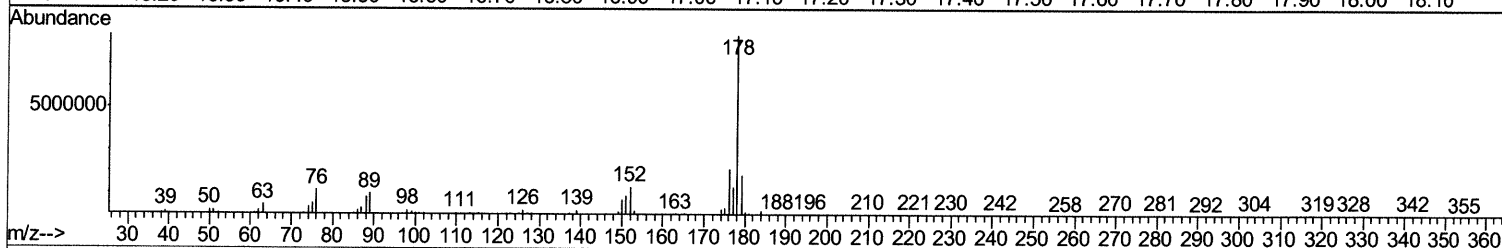
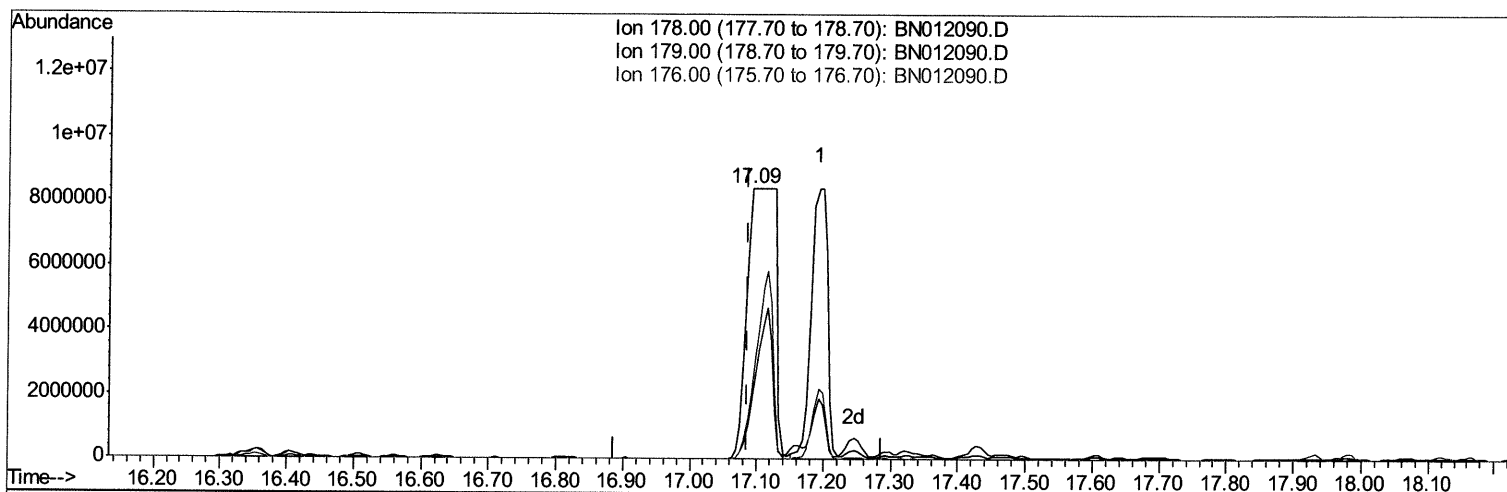
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TIC: BN012090.D

(70) Phenanthrene

17.092min (+0.006) 223.43ng/ul m 10/08/20 Ju

response 25118780

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	21.77#
176.00	19.30	25.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

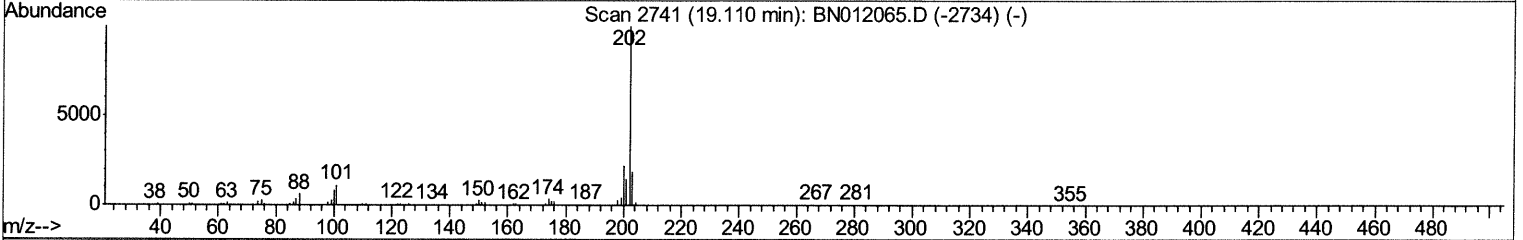
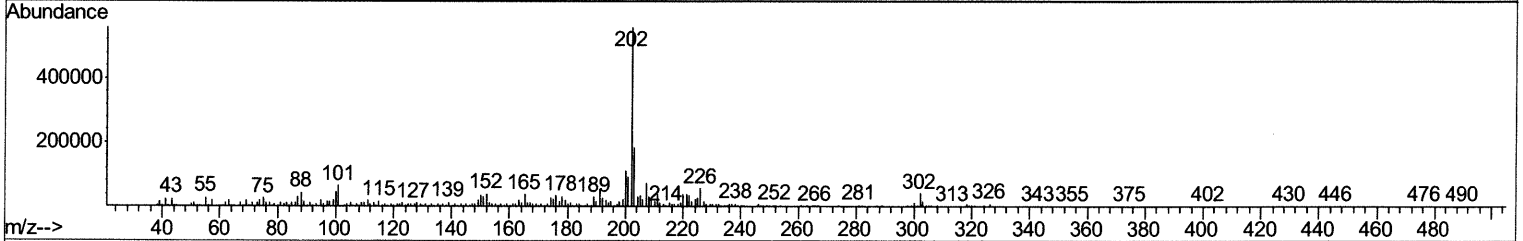
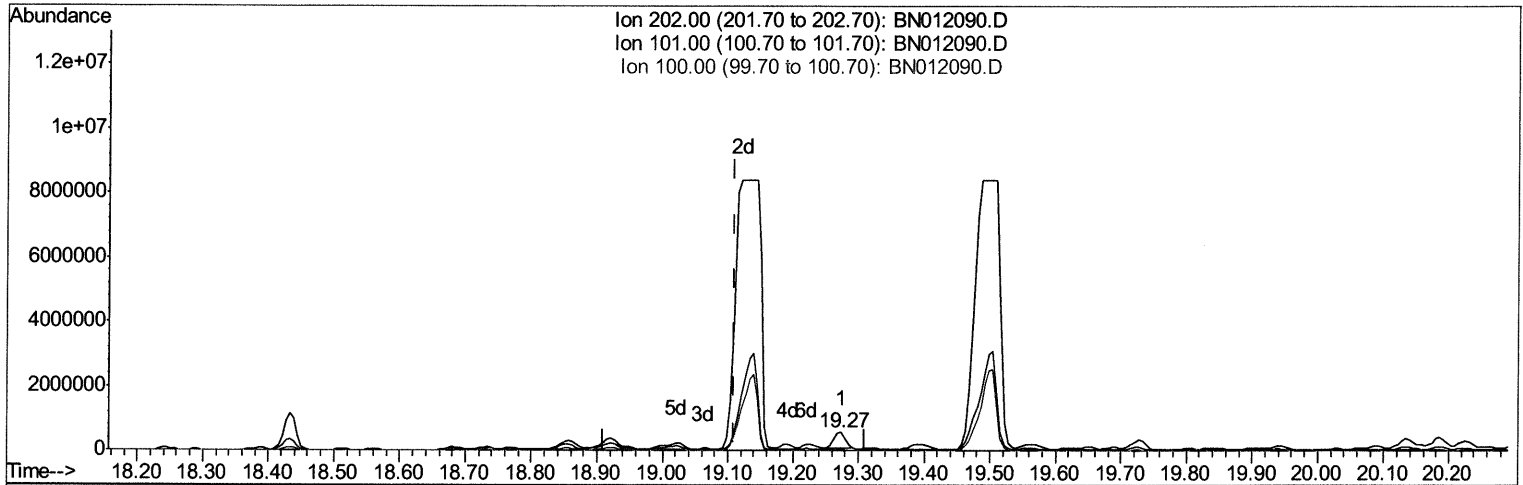
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TIC: BN012090.D

(77) Fluoranthene (C)

19.274min (+0.165) 4.90ng/ul

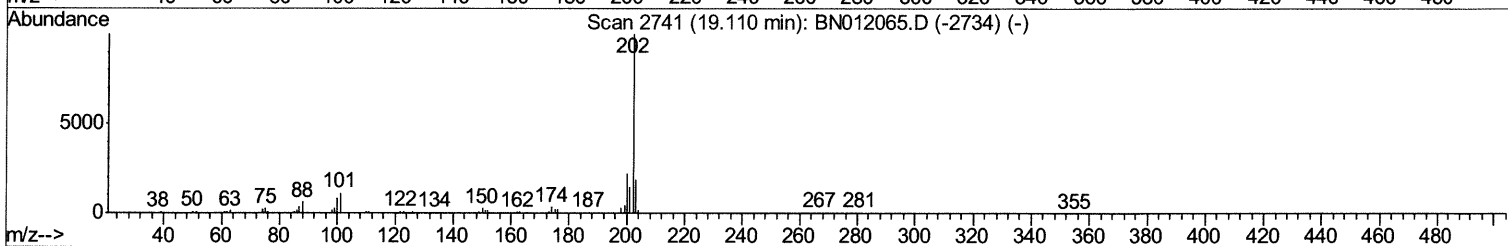
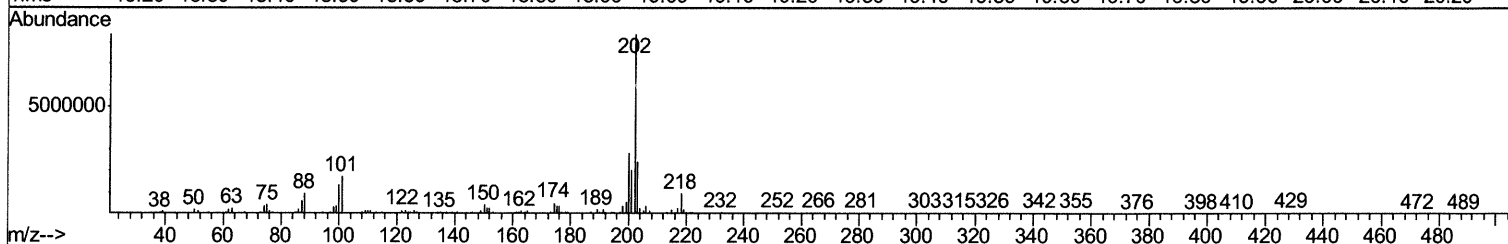
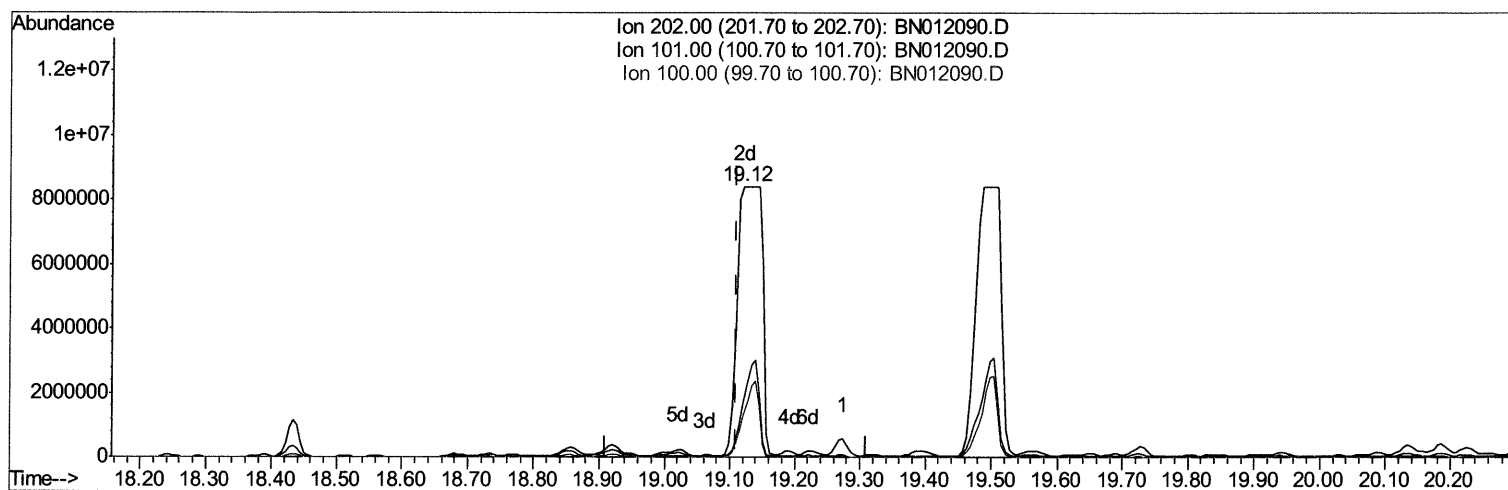
response 619137

Ion	Exp%	Act%
202.00	100	100
101.00	10.80	11.64
100.00	8.20	8.47
0.00	0.00	0.00

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TIC: BN012090.D

19.121min (+0.012) 175.90ng/ul m 10/08/20 JU

response 22210744

Ion	Exp%	Act%
202.00	100	100
101.00	10.80	20.42#
100.00	8.20	15.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

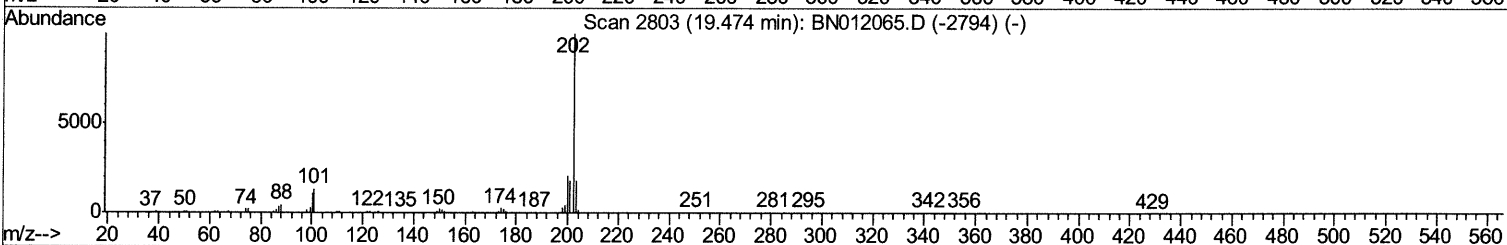
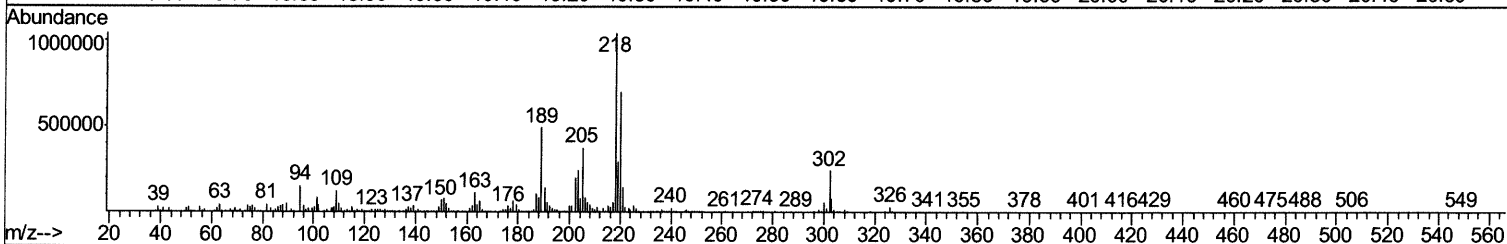
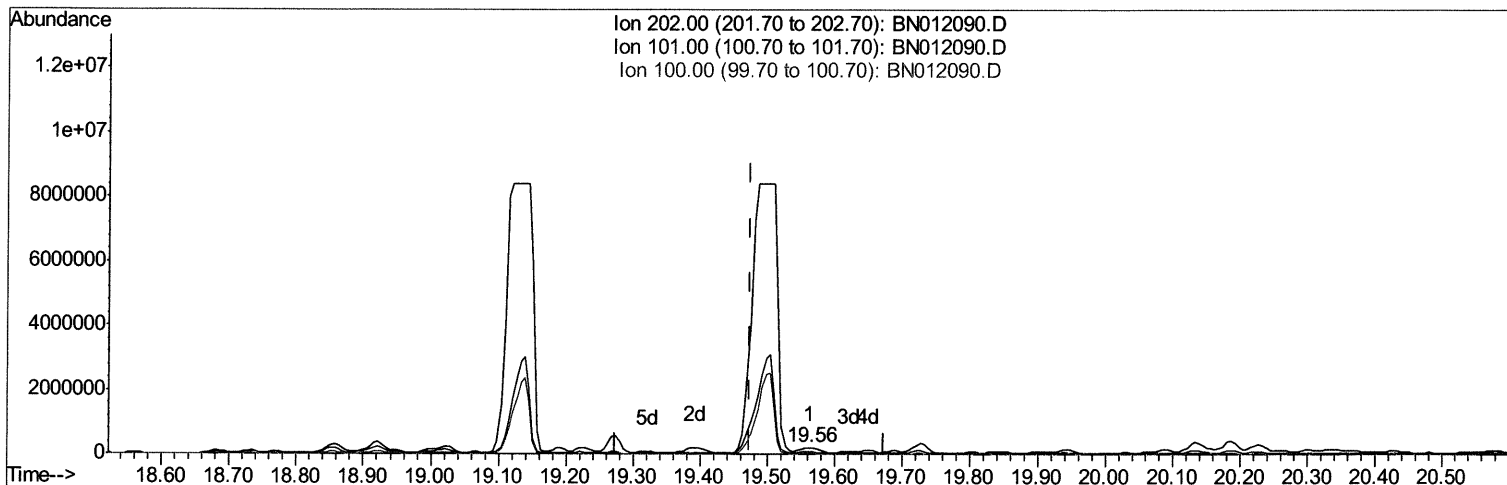
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100520\
 Data File : BN012090.D
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 Sample : L4184-18
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BN012090.D

(80) Pyrene

19.562min (+0.088) 2.44ng/ul

response 306450

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	42.28#
100.00	11.00	14.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

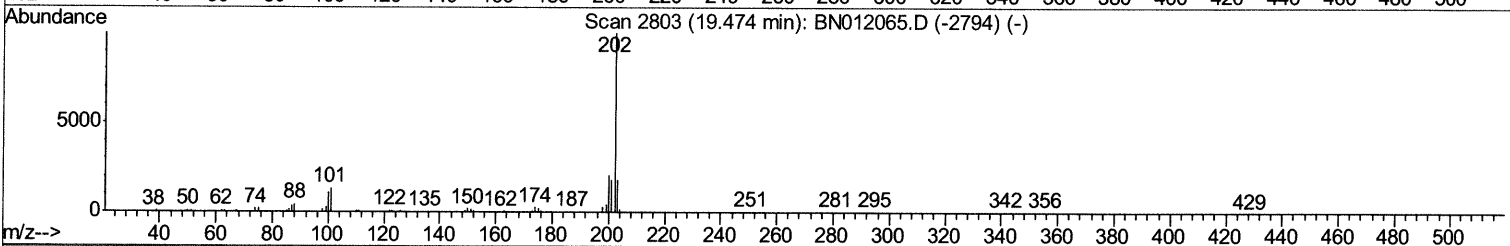
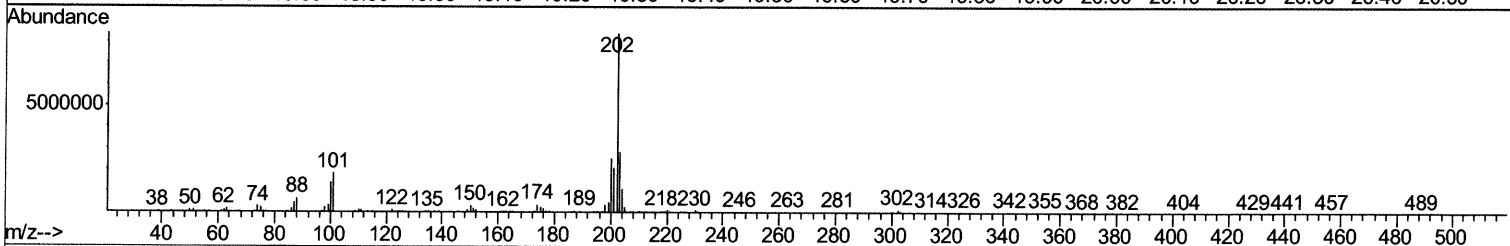
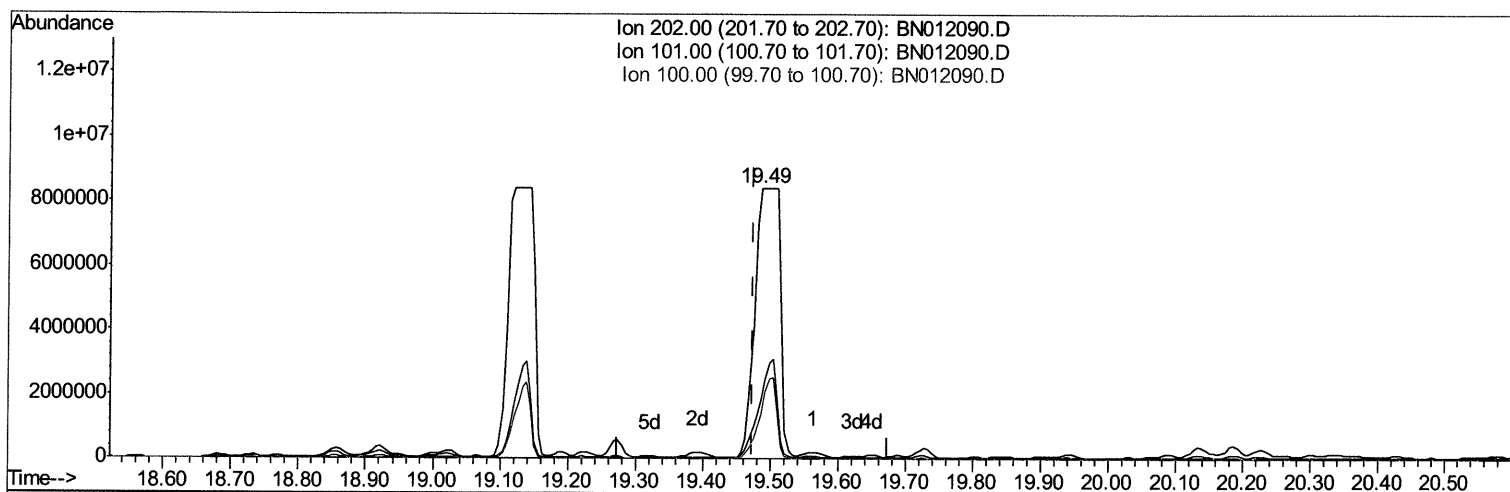
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 Sample : L4184-18
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Manual Integrations
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TIC: BN012090.D

(80) Pyrene

19.486min (+0.012) 174.27ng/ul m 10/08/20 JU

response 21873044

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	21.85#
100.00	11.00	16.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

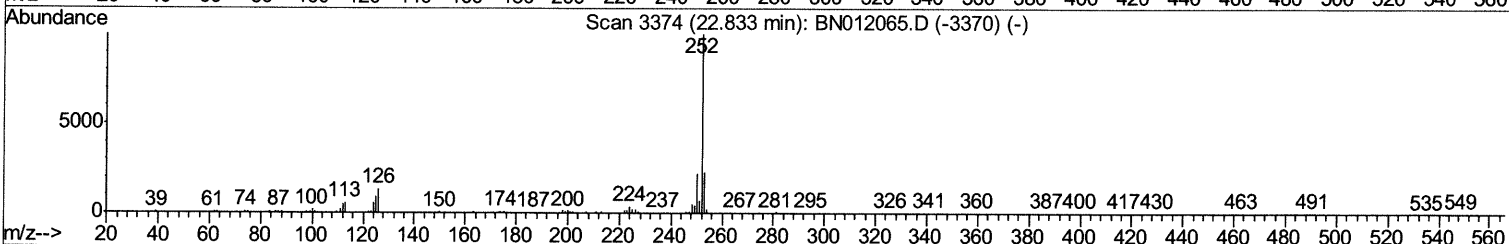
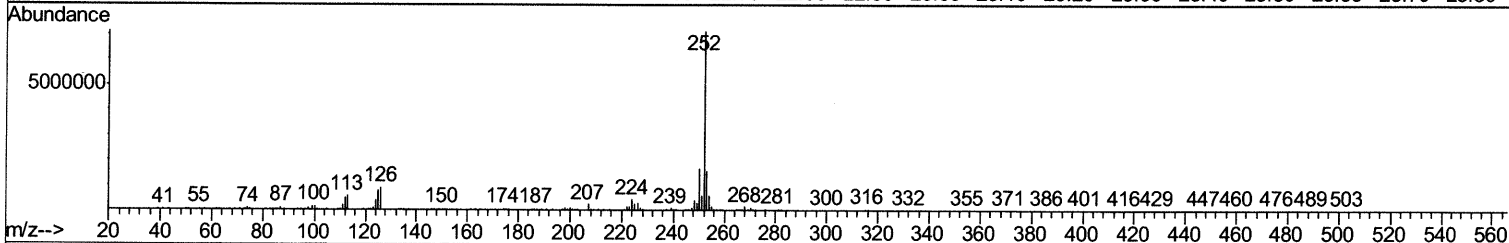
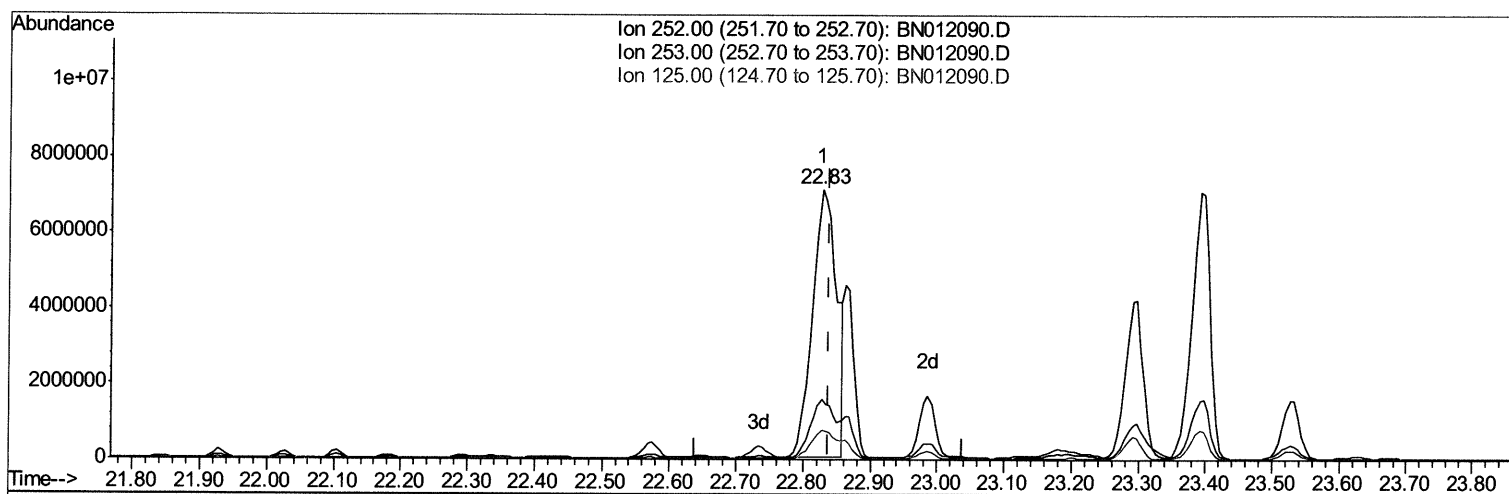
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BN012090.D

(89) Benzo(k)fluoranthene

22.827min (-0.012) 129.44ng/ul

response 17737404

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.24
125.00	9.60	11.01
0.00	0.00	0.00

Quantitation Report (Qedit)

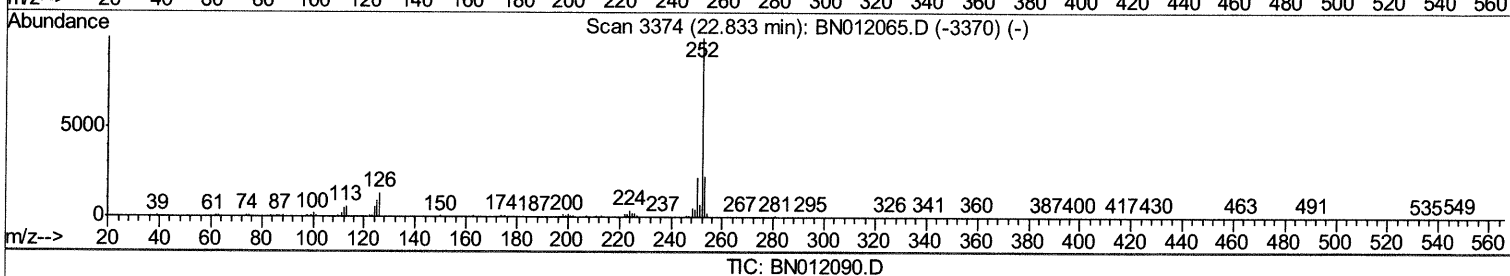
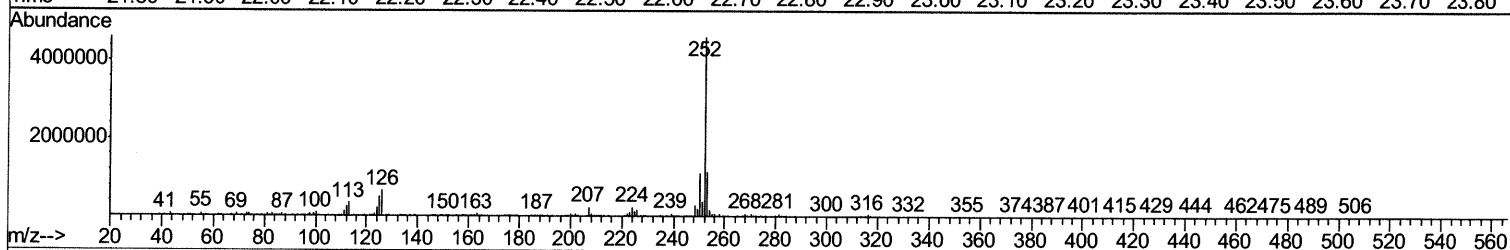
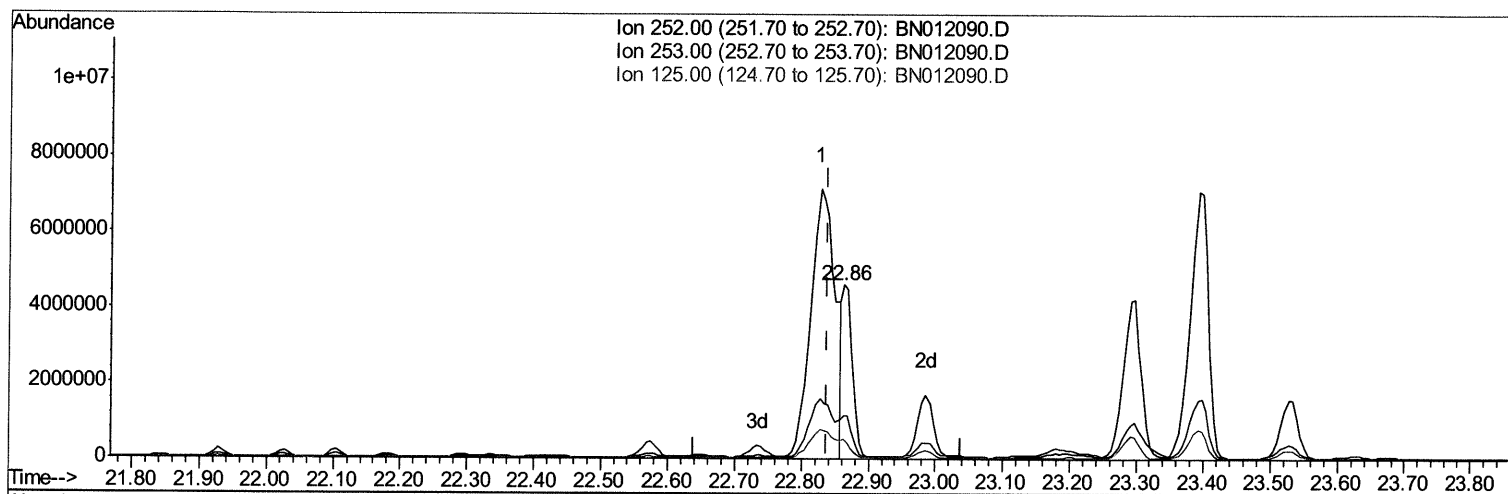
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Instrument :
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Manual Integrations
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(89) Benzo(k)fluoranthene

22.862min (+0.024) 36.06ng/ul m 10/08/20 JU

response 4940625

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.99
125.00	9.60	11.06
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	7.66	152	422095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1714274	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	979799	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1845355	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1739993	20.00	ng/ul	0.02
86) Perylene-d12	23.48	264	1985724	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	23917	2.47	ng/uL	0.01
5) Phenol-d5	6.83	99	479553	13.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	303102	14.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	396562	13.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	385204	13.89	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	195886	14.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	207035	14.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	379408	13.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	385001	11.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1205188	15.68	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1363562	14.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	166967	11.80	ng/ul	0.00
58) Fluorene-d10	15.30	176	944350	14.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	29081	2.47	ng/ul	0.02
71) Anthracene-d10	17.16	188	1296623	14.49	ng/ul	0.01
79) Pyrene-d10	19.46	212	1361290	14.87	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.34	264	1435927	12.89	ng/ul	0.03

Target Compounds

						Ovalue
28) Naphthalene	10.48	128	1159185	11.815	ng/ul	100
34) 2-Methylnaphthalene	12.10	142	1133931	16.817	ng/ul	95
41) 1,1'-Biphenyl	13.13	154	537835	6.627	ng/ul	97
45) Dimethylphthalate	13.76	163	516704	6.524	ng/ul	99
48) Acenaphthylene	14.02	152	2360306	24.486	ng/ul	99
50) Acenaphthene	14.36	153	3107253	44.851	ng/ul	98
54) Dibenzofuran	14.70	168	4308996	45.589	ng/ul	97
59) Fluorene	15.36	166	7055252	89.040	ng/ul	100
70) Phenanthrene	17.09	178	25118780m	223.431	ng/ul	> 10/08/20 JU
72) Anthracene	17.19	178	13893047	122.386	ng/ul#	85
75) Carbazole	17.46	167	3463410	35.138	ng/ul	96
76) Di-n-butylphthalate	18.03	149	408977	3.267	ng/ul#	88
77) Fluoranthene	19.12	202	22210744m	175.896	ng/ul	3
80) Pyrene	19.49	202	21873044m	174.273	ng/ul	3 10/08/20 JU
83) Benzo(a)anthracene	21.24	228	16355582	139.529	ng/ul#	77
85) Chrysene	21.30	228	14896368	129.266	ng/ul#	66
88) Benzo(b)fluoranthene	22.83	252	17737404	127.508	ng/ul	99
89) Benzo(k)fluoranthene	22.86	252	4940625m	36.056	ng/ul	> 10/08/20 JU
91) Benzo(a)pyrene	23.39	252	13279957	105.239	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.71	276	6901164	42.830	ng/ul	98
93) Dibenzo(a,h)anthracene	25.71	278	2378086	17.915	ng/ul#	86
94) Benzo(a,h,i)perylene	26.40	276	5404834	39.387	ng/ul	96

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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