

Quantitation Report (QT Reviewed)

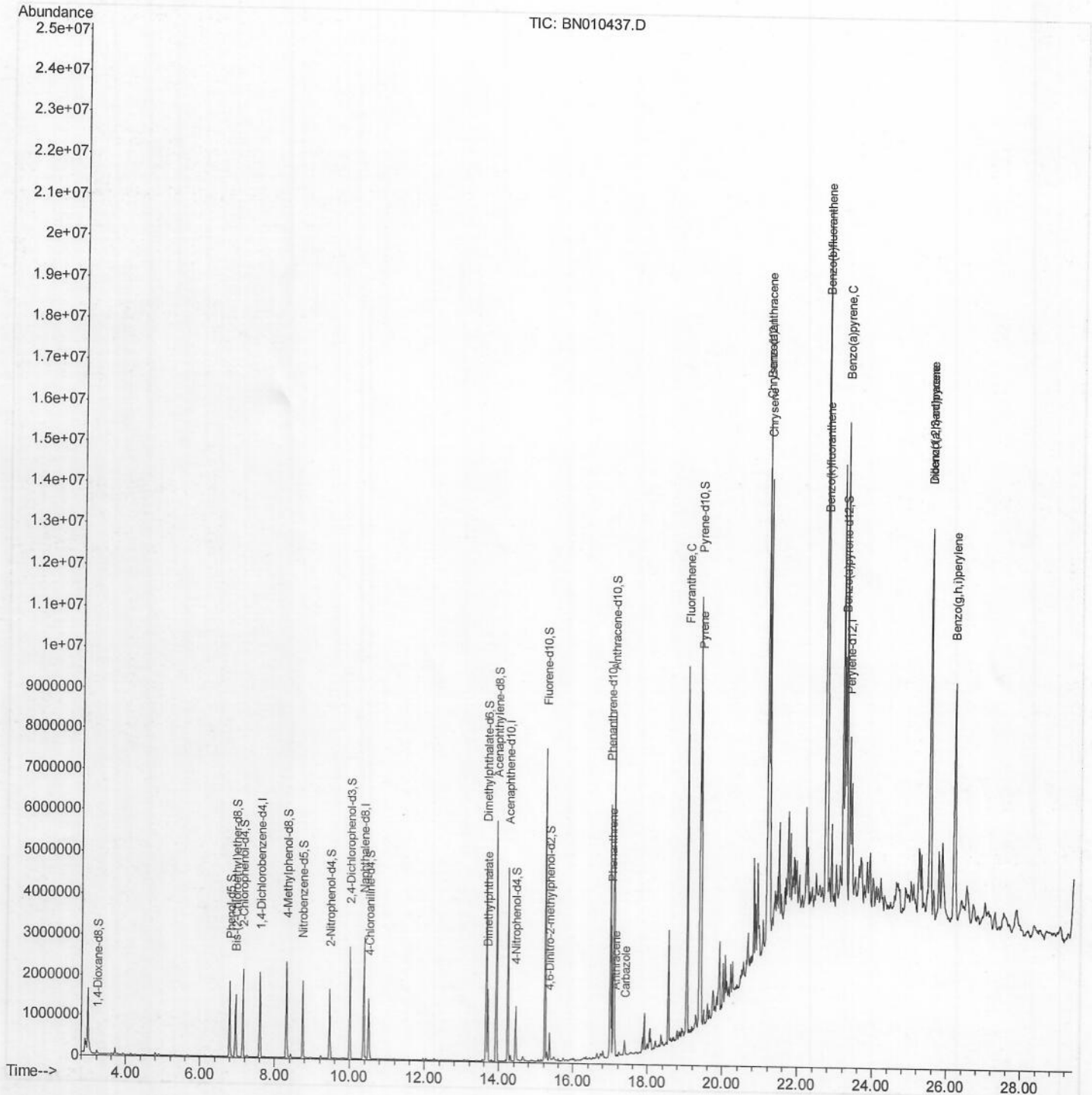
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
 Data File : BN010437.D
 Acq On : 08 Apr 2020 19:20
 Operator : CG/JU
 Sample : L2155-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFA2

Manual Integrations
 APPROVED

mohammad
 4/9/2020 11:38:31 AM

Quant Time: Apr 09 02:28:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 08 13:35:12 2020
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Quantitation Report (Qedit)

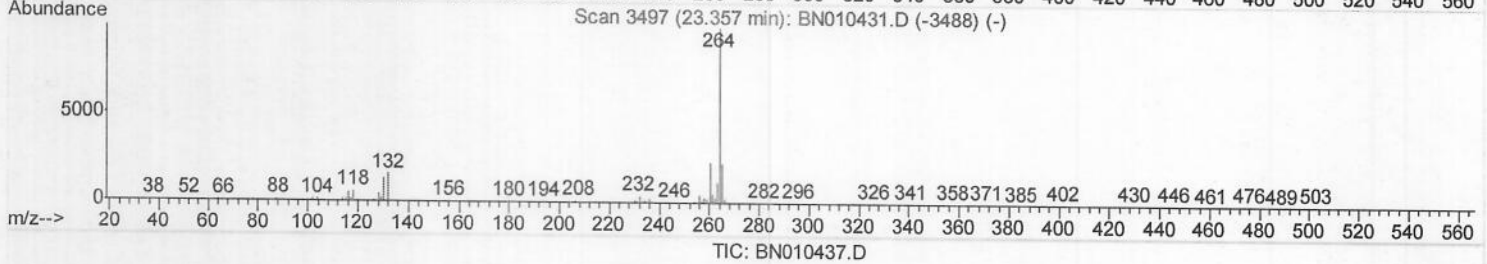
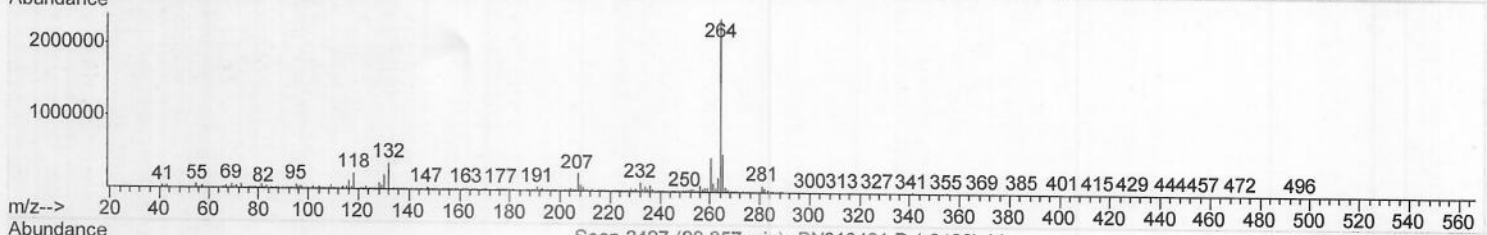
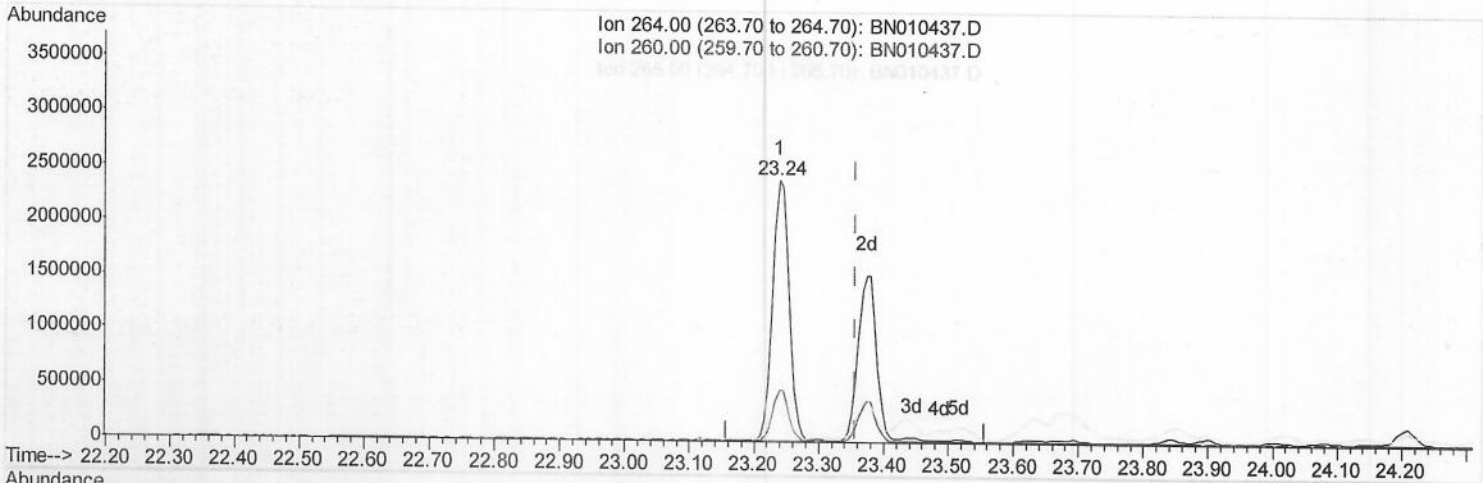
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(86) Perylene-d12 (I)

23.239min (-0.118) 20.00ng/ul

response 4246582

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	19.63
265.00	21.10	22.07
0.00	0.00	0.00

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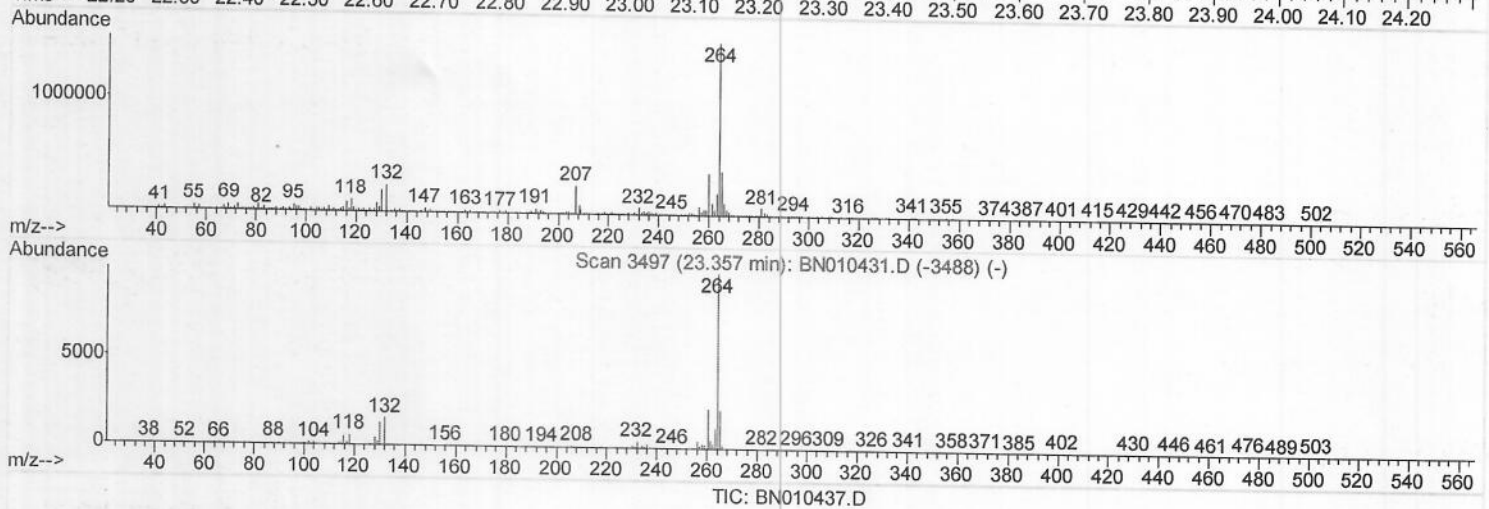
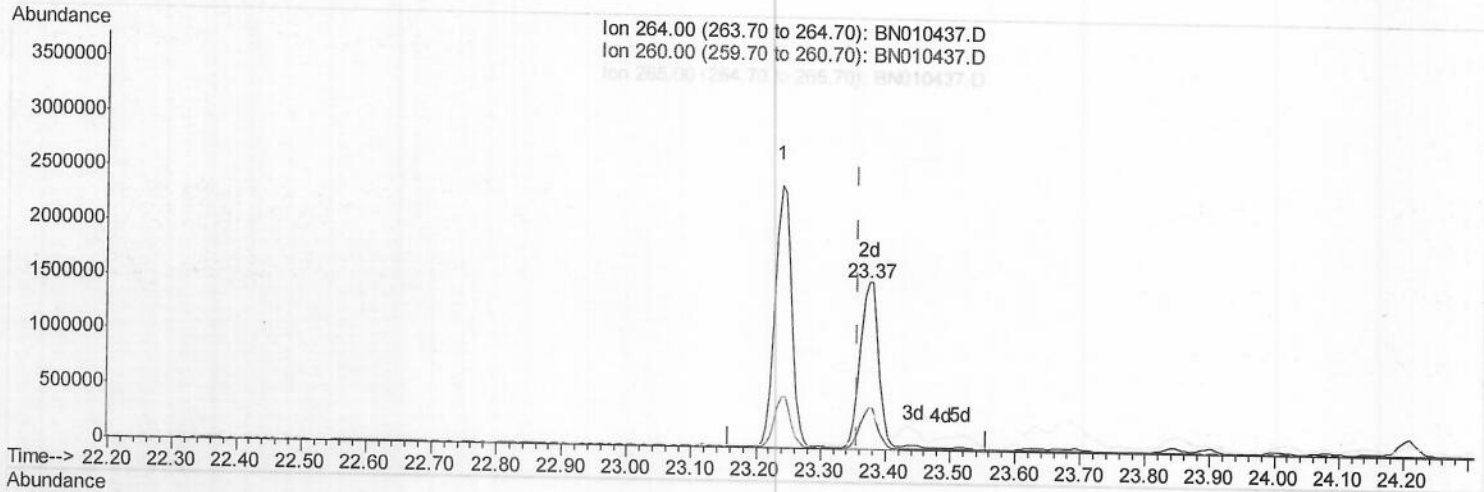
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(86) Perylene-d12 (I)

23.374min (+0.017) 20.00ng/ul m

response 3031759

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	24.94
265.00	21.10	26.14#
0.00	0.00	0.00

AP
 04/10/2020

Quantitation Report (Qedit)

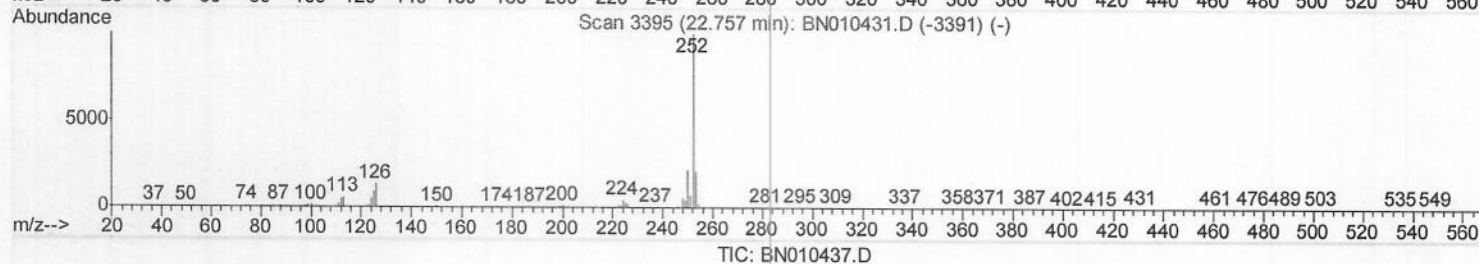
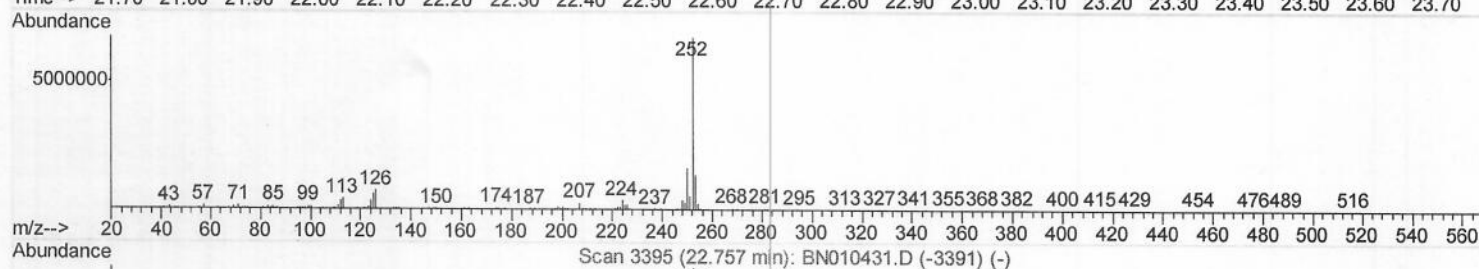
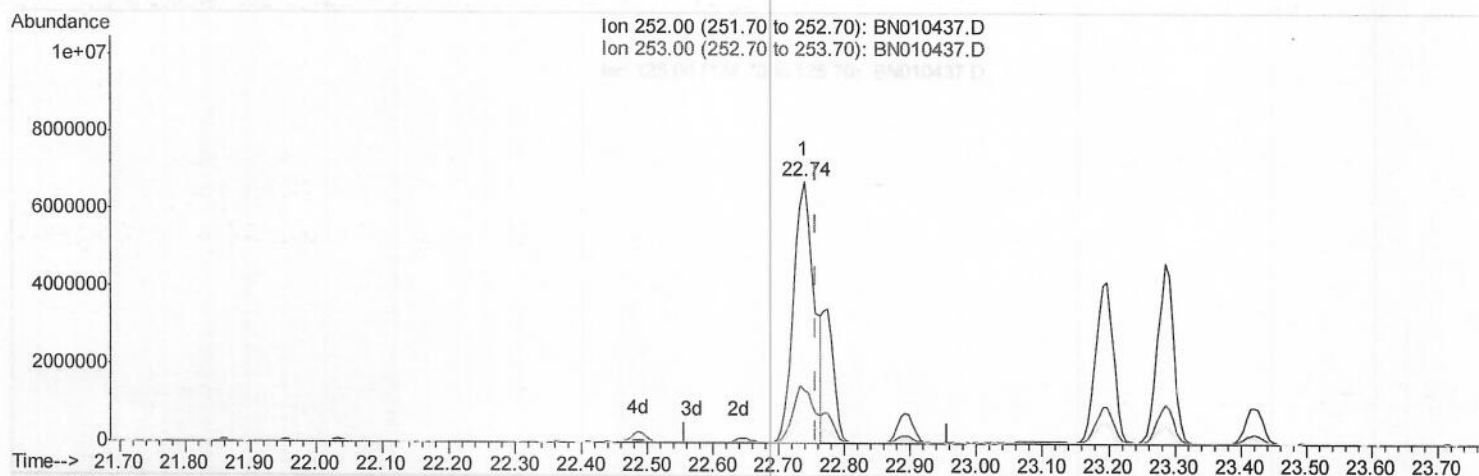
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(89) Benzo(k)fluoranthene

22.739min (-0.018) 80.90ng/ul

response 14428301

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	19.87
125.00	10.10	9.19
0.00	0.00	0.00

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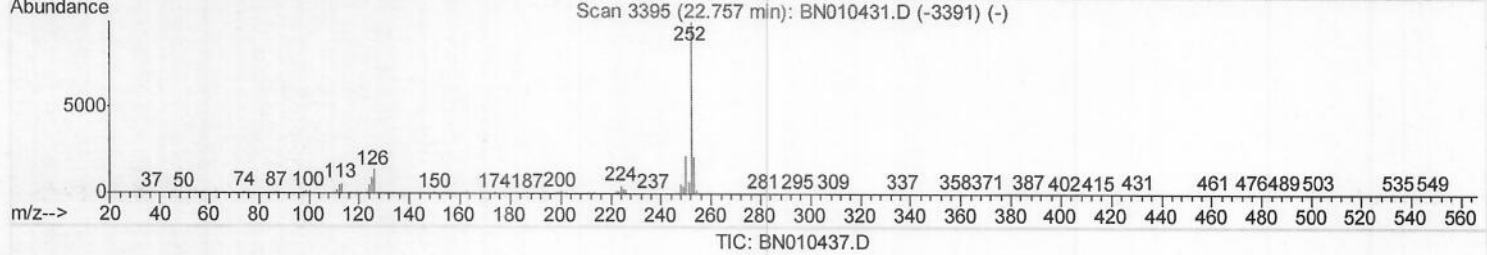
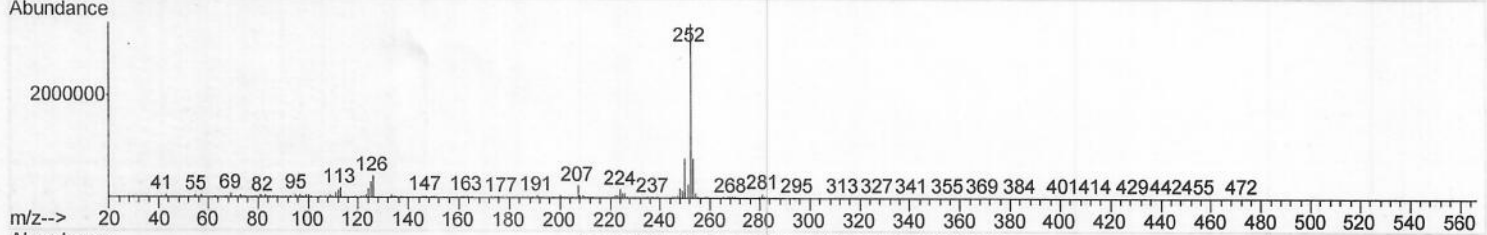
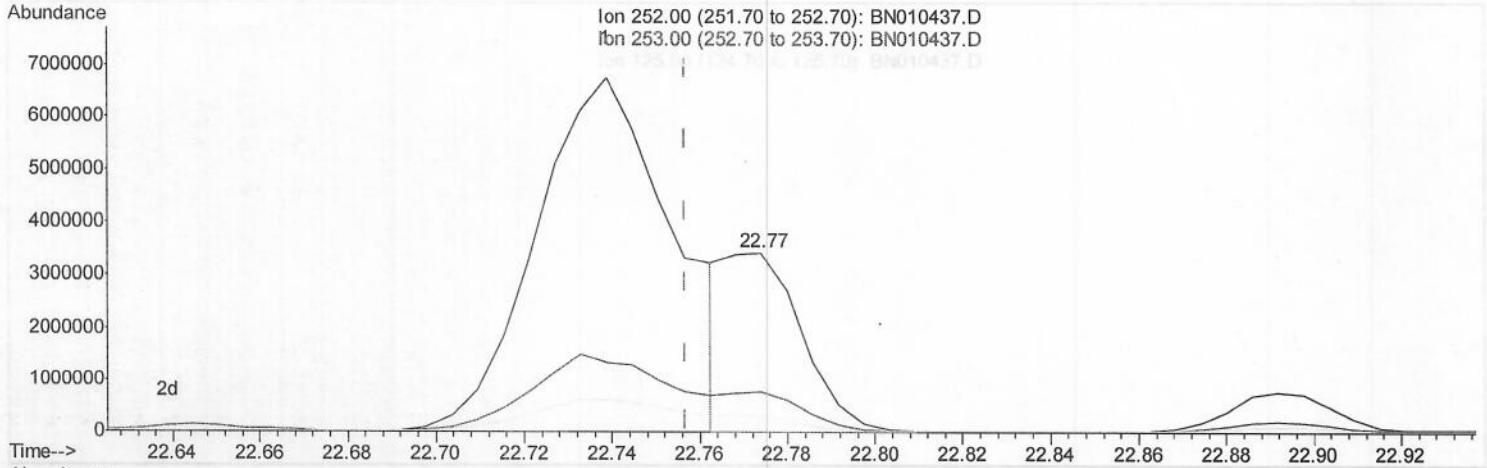
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(89) Benzo(k)fluoranthene

22.774min (+0.017) 23.04ng/ul m

response 4108889

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	22.29
125.00	10.10	8.71
0.00	0.00	0.00

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Quantitation Report (Qedit)

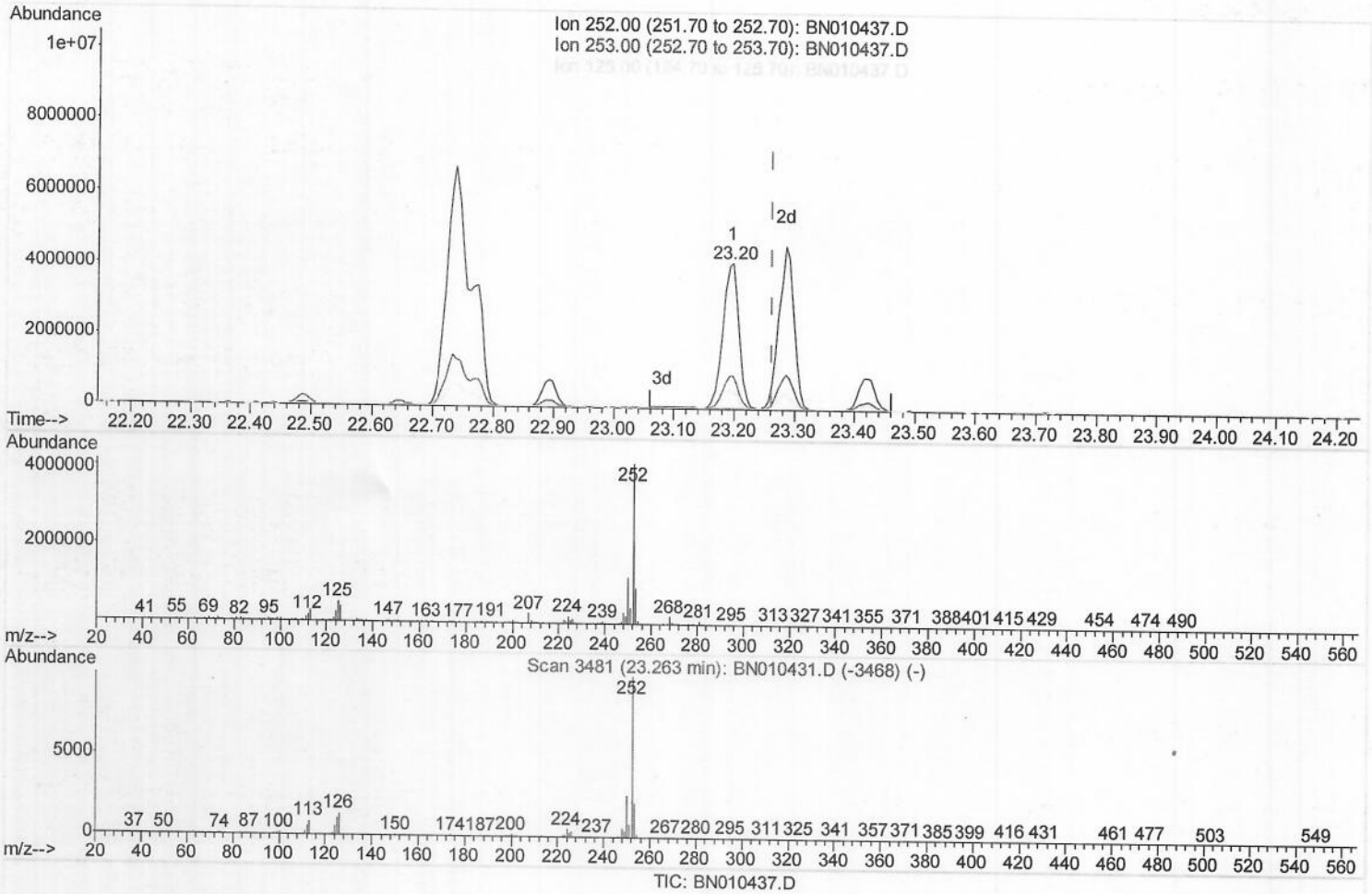
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
 Data File : BN010437.D
 Acq On : 08 Apr 2020 19:20
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 Sample : L2155-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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(91) Benzo(a)pyrene (C)

23.198min (-0.065) 44.57ng/ul

response 7661274

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	22.95
125.00	11.10	12.47
0.00	0.00	0.00

Quantitation Report (Qedit)

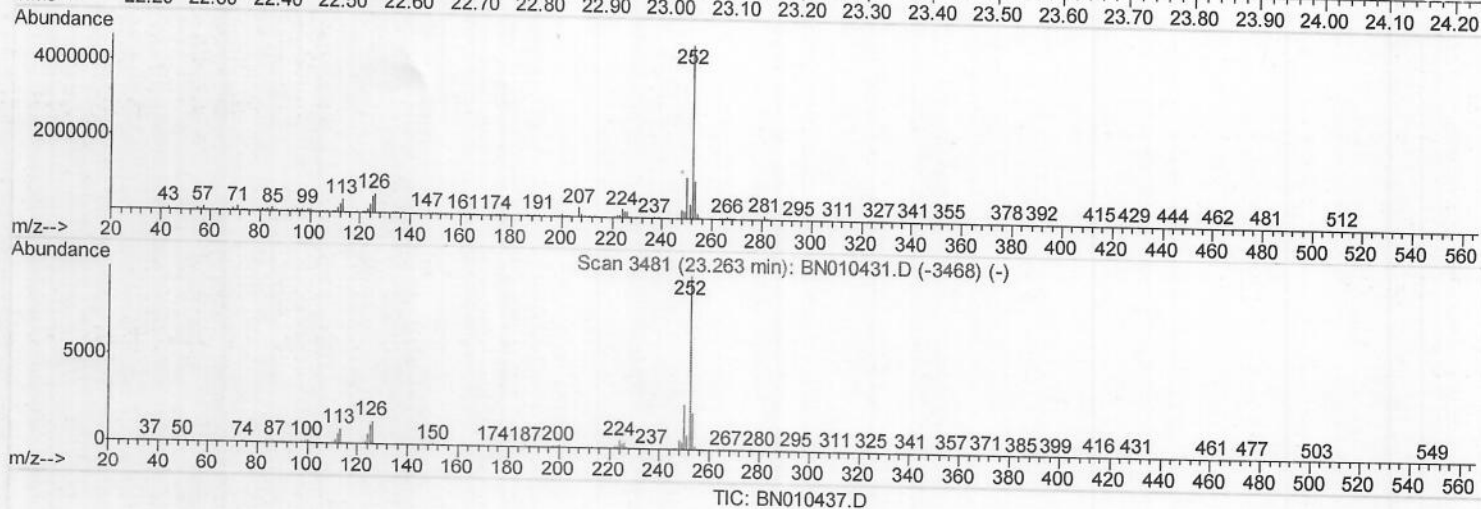
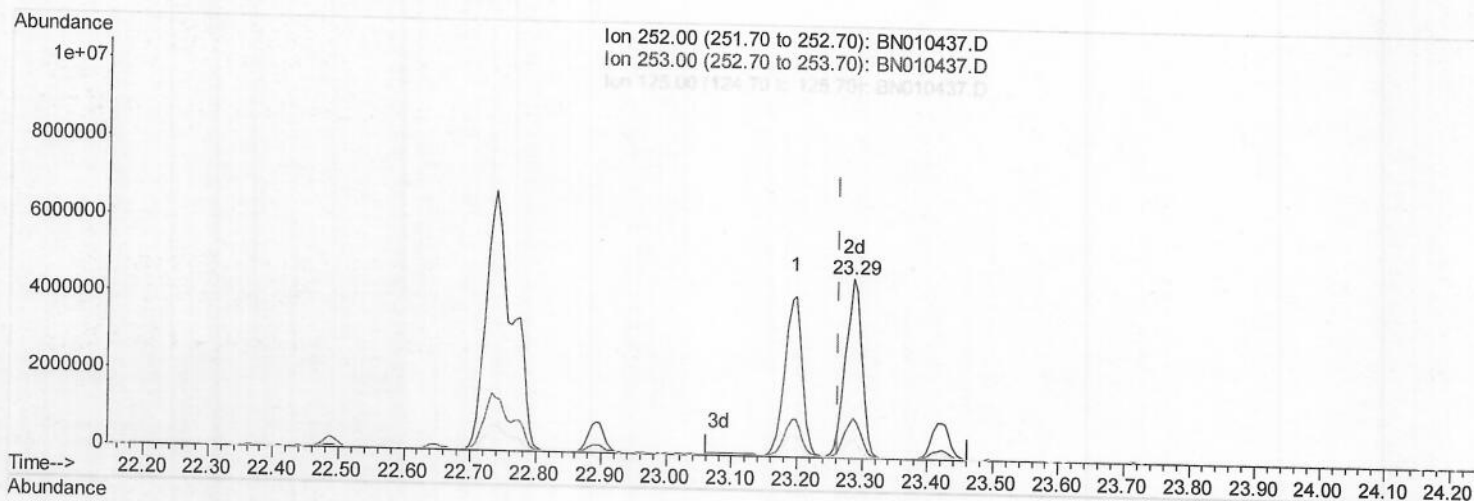
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 Sample : L2155-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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(91) Benzo(a)pyrene (C)

23.286min (+0.023) 46.82ng/ul m

response 8047327

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	21.72
125.00	11.10	9.82
0.00	0.00	0.00

AP
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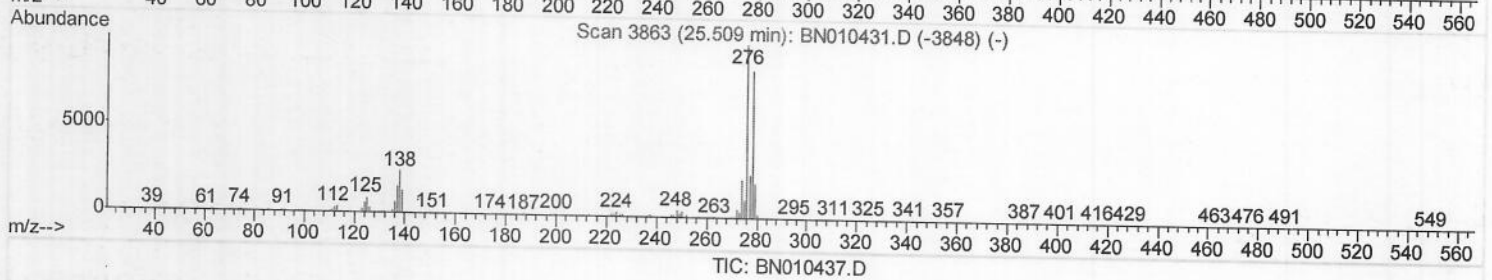
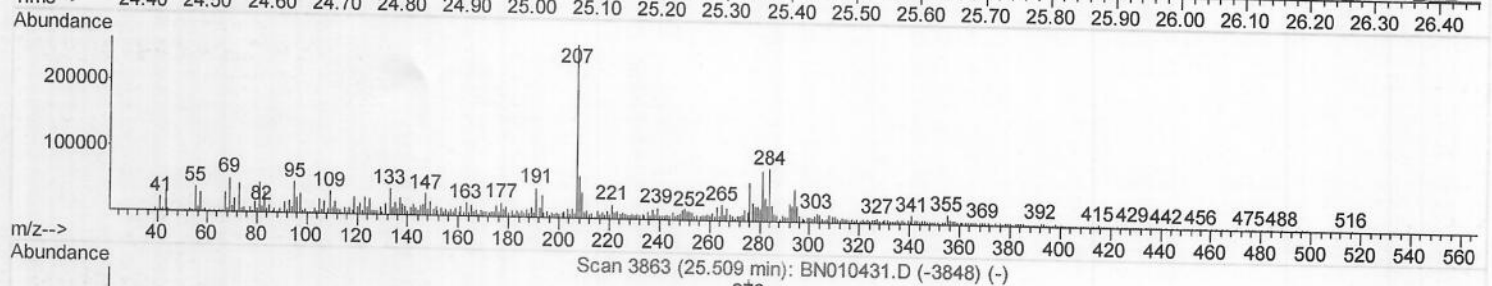
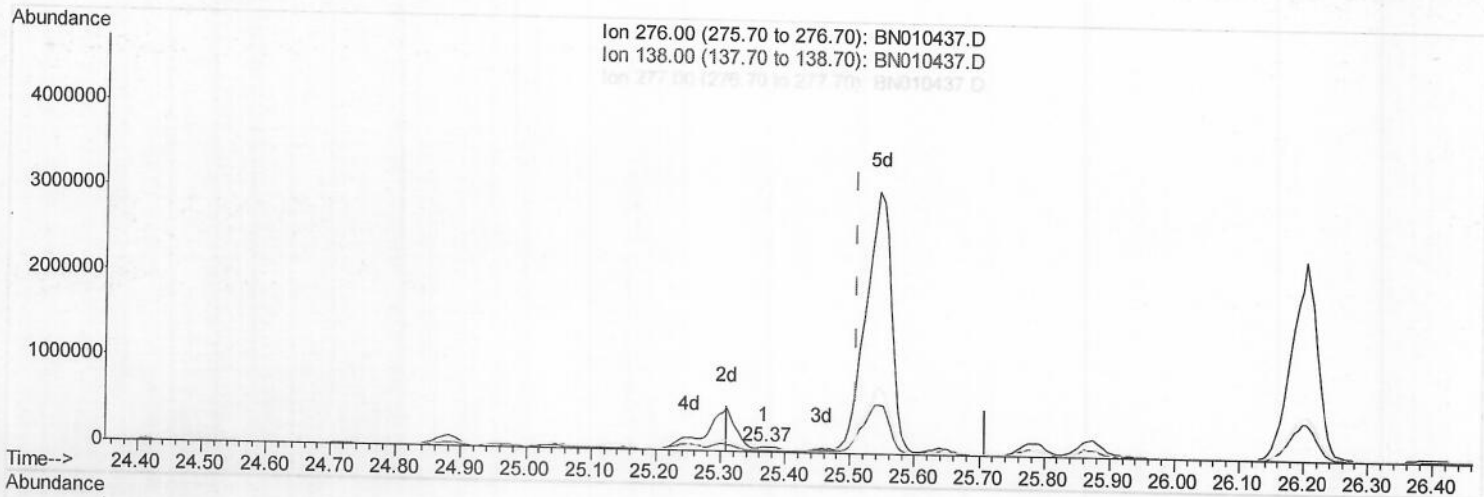
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 Sample : L2155-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 Client Sampled :
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(92) Indeno(1,2,3-cd)pyrene

25.368min (-0.141) 0.39ng/ul

response 85536

Ion Exp% Act%

276.00 100 100

138.00 24.80 29.58

277.00 25.70 48.64#

0.00 0.00 0.00

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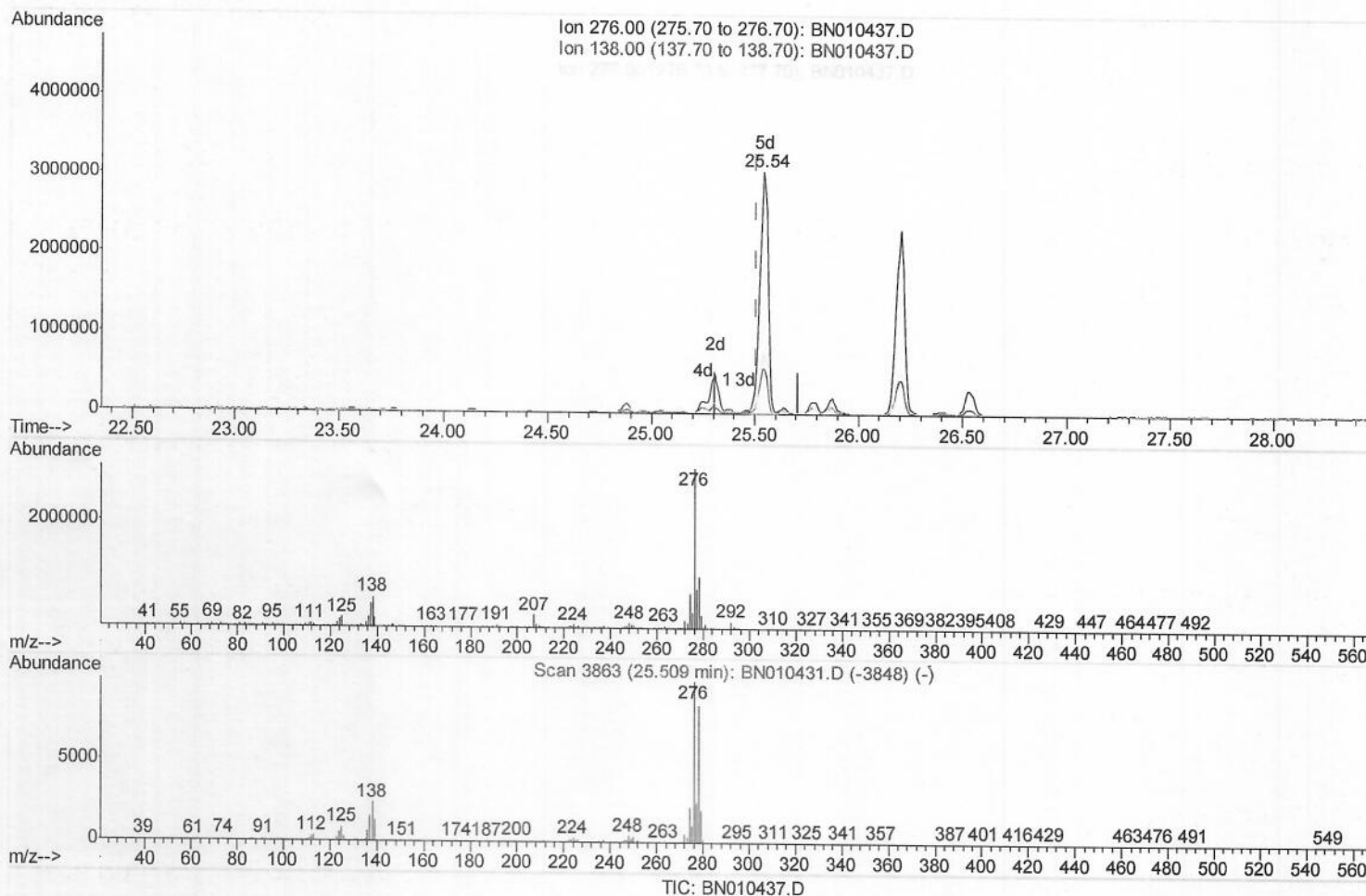
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ALS Vial : 11 Sample Multiplier: 1

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(92) Indeno(1,2,3-cd)pyrene

25.545min (+0.035) 38.09ng/ul m

response 8448687

Ion	Exp%	Act%
276.00	100	100
138.00	24.80	18.74#
277.00	25.70	24.96
0.00	0.00	0.00

AP
04/10/2020

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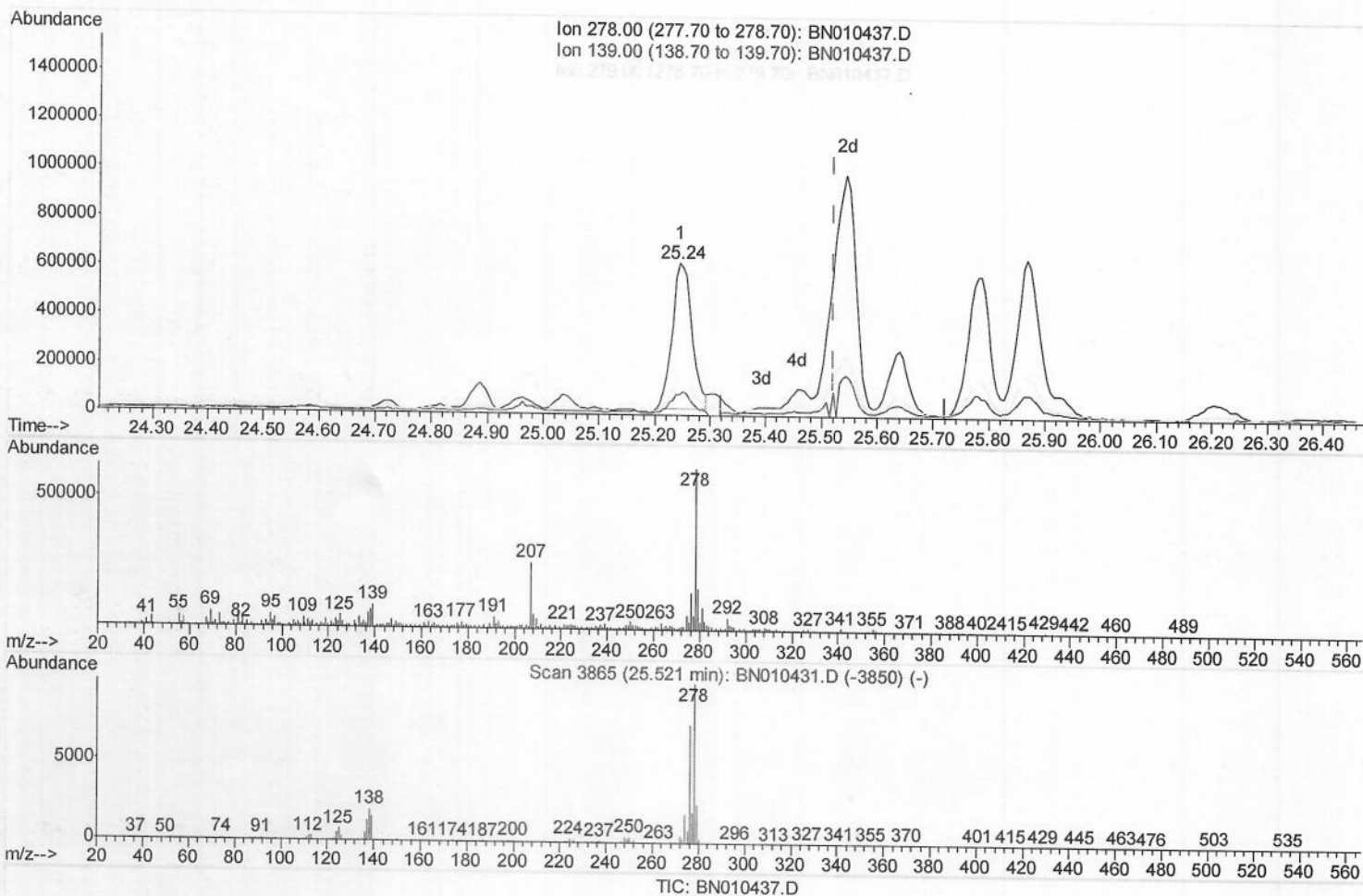
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(93) Dibenzo(a,h)anthracene

25.245min (-0.277) 8.05ng/ul

response 1474736

Ion	Exp%	Act%
278.00	100	100
139.00	15.00	13.81
279.00	22.70	25.88
0.00	0.00	0.00

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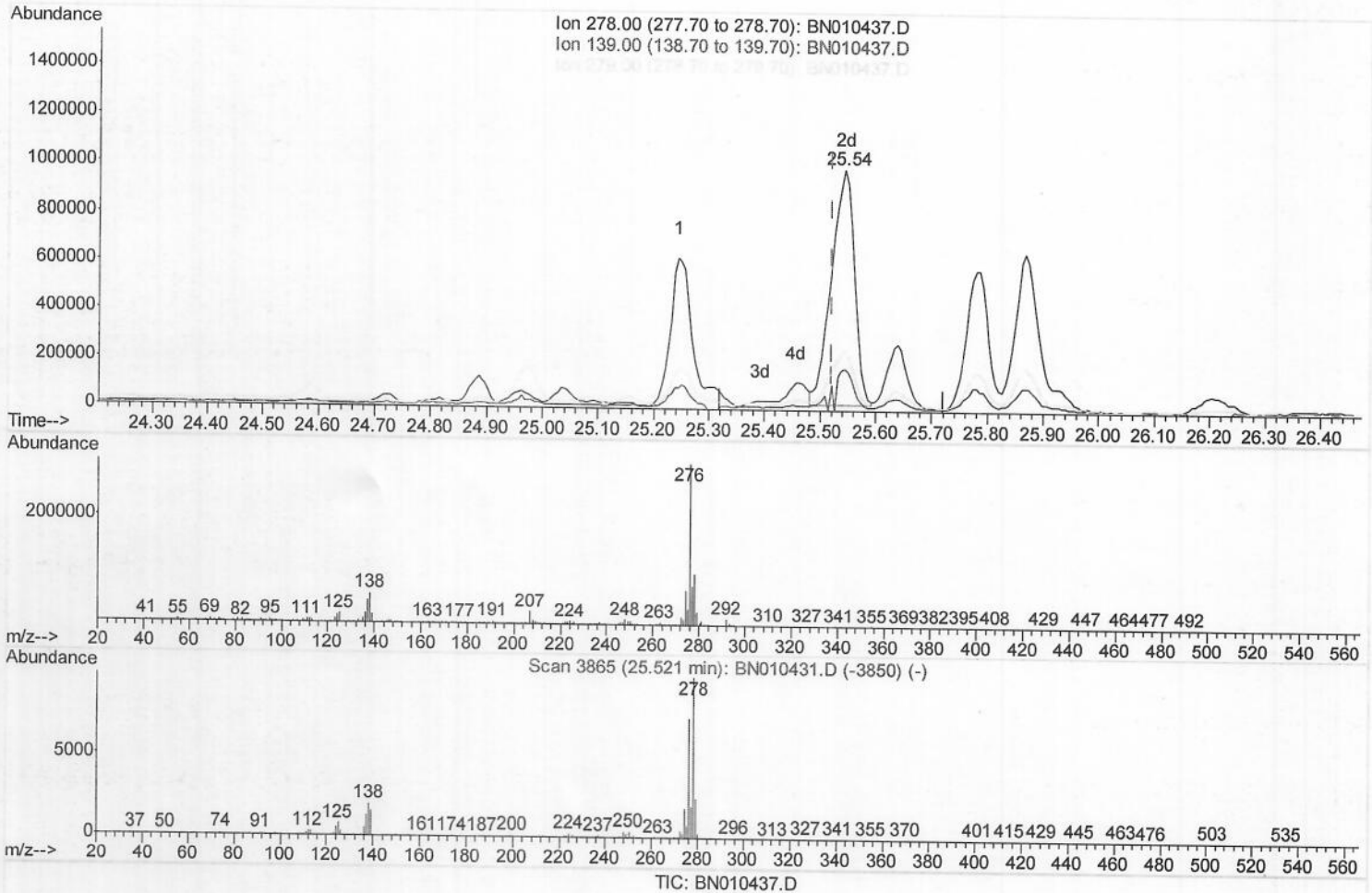
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(93) Dibenzo(a,h)anthracene

25.545min (+0.023) 15.23ng/ul m →

response 2790312

Ion	Exp%	Act%
278.00	100	100
139.00	15.00	17.43
279.00	22.70	24.81
0.00	0.00	0.00

AP
 04/10/2020

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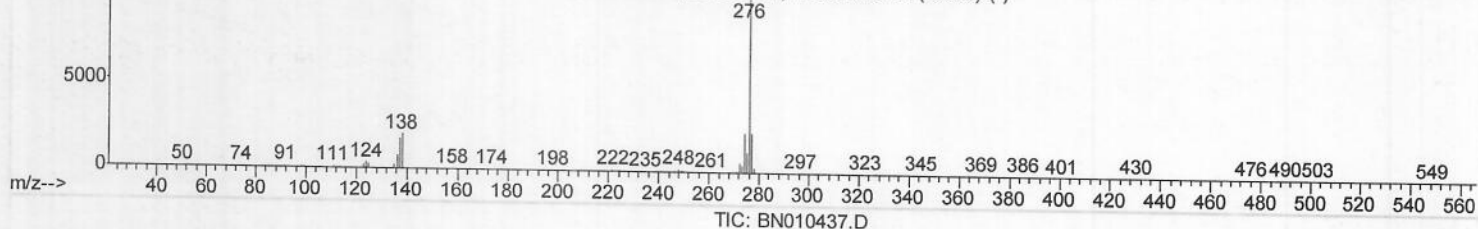
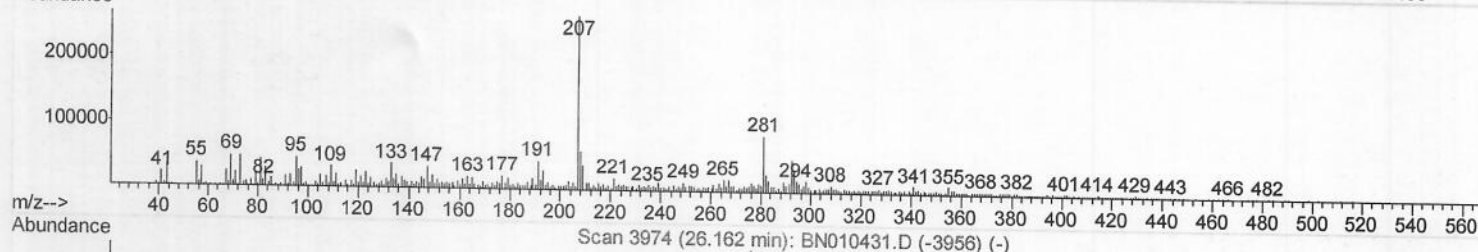
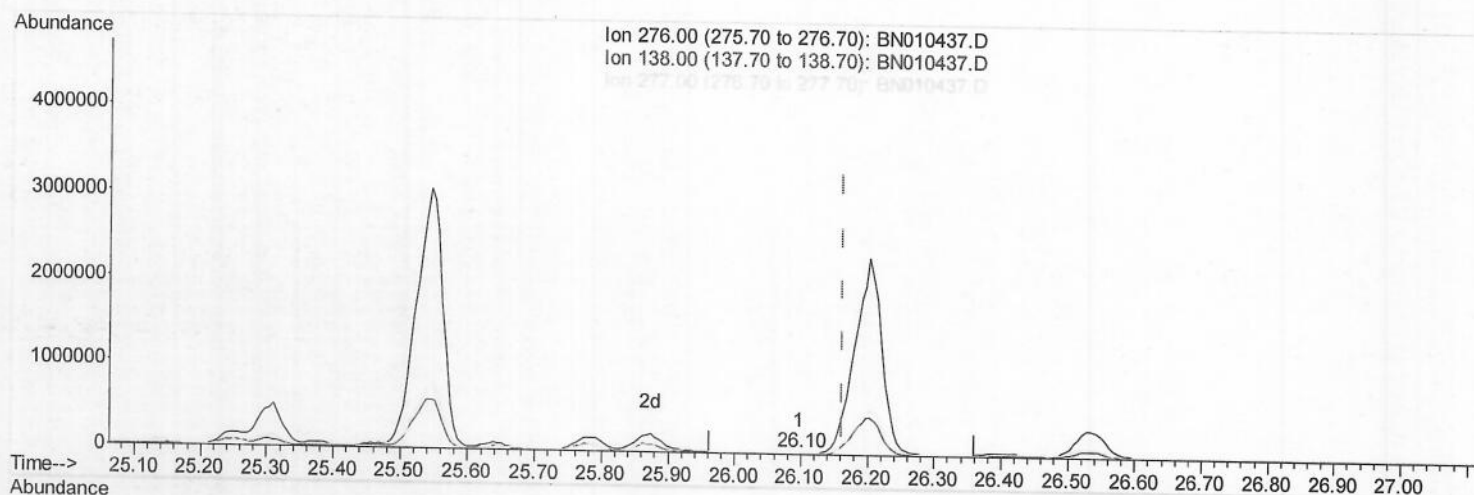
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(94) Benzo(g,h,i)perylene

26.097min (-0.065) 0.02ng/ul

response 3484

Ion	Exp%	Act%
276.00	100	100
138.00	21.00	70.66#
277.00	23.00	72.28#
0.00	0.00	0.00

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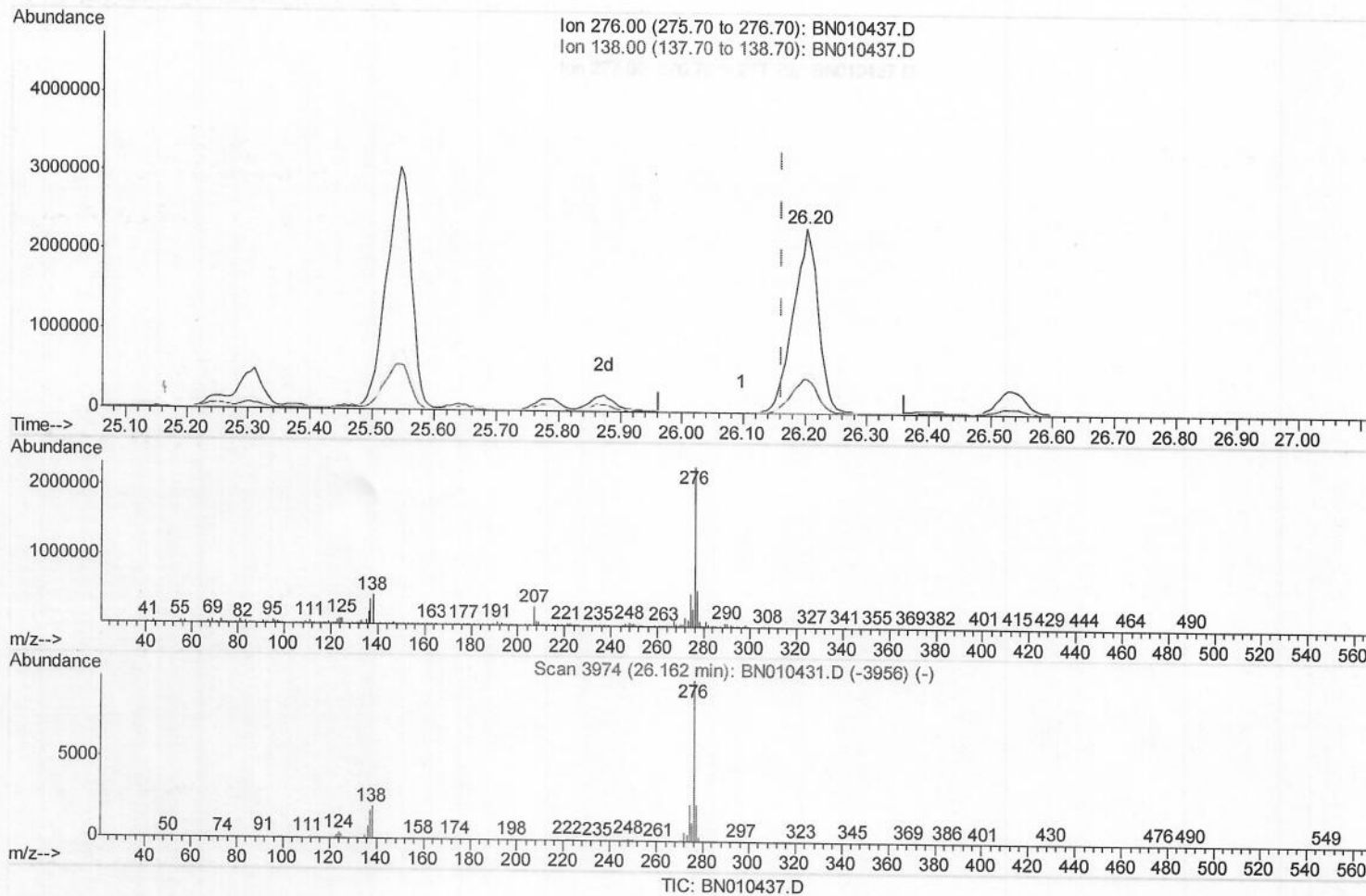
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(94) Benzo(g,h,i)perylene

26.203min (+0.041) 35.26ng/ul m

response 6590645

Ion	Exp%	Act%
276.00	100	100
138.00	21.00	18.34
277.00	23.00	22.41
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	7.61	152	601981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2551607	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.24	164	1602110	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.99	188	3558413	20.00	ng/ul	0.01
78) Chrysene-d12	21.19	240	3148620	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	3031759m	20.00	ng/ul	0.02

AP-04/10/2020

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.21	96	53837	4.23	ng/uL	0.00
5) Phenol-d5	6.80	99	1130941	22.52	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	6.96	67	629451	23.93	ng/ul	0.01
9) 2-Chlorophenol-d4	7.15	132	1040885	26.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	892291	21.03	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	525575	27.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	593207	29.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1069319	25.71	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	874629	17.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	3303331	27.33	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	4085160	28.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	369118	16.26	ng/ul	0.01
58) Fluorene-d10	15.24	176	3007424	28.55	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.36	200	152035	7.46	ng/ul	0.01
71) Anthracene-d10	17.09	188	4692435	28.72	ng/ul	0.01
79) Pyrene-d10	19.39	212	5158634	31.79	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.24	264	4241350	28.12	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.70	163	1139936	9.132	ng/ul	98
70) Phenanthrene	17.03	178	1914555	9.710	ng/ul	98
72) Anthracene	17.12	178	331889	1.683	ng/ul	99
75) Carbazole	17.39	167	231785	1.413	ng/ul	97
77) Fluoranthene	19.05	202	5438441	25.899	ng/ul	99
80) Pyrene	19.42	202	4936760	23.449	ng/ul	98
83) Benzo(a)anthracene	21.17	228	5449832	25.763	ng/ul	99
85) Chrysene	21.23	228	6617431	32.804	ng/ul	98
88) Benzo(b)fluoranthene	22.74	252	14428301	78.590	ng/ul	100
89) Benzo(k)fluoranthene	22.77	252	4108889m	23.039	ng/ul	
91) Benzo(a)pyrene	23.29	252	8047327m	46.819	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.54	276	8448687m	38.089	ng/ul	
93) Dibenzo(a,h)anthracene	25.54	278	2790312m	15.230	ng/ul	
94) Benzo(g,h,i)perylene	26.20	276	6590645m	35.263	ng/ul	

AP-04/10/2020
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(#) = qualifier out of range (m) = manual integration (+) = signals summed