Quantitation Report (Qedit)

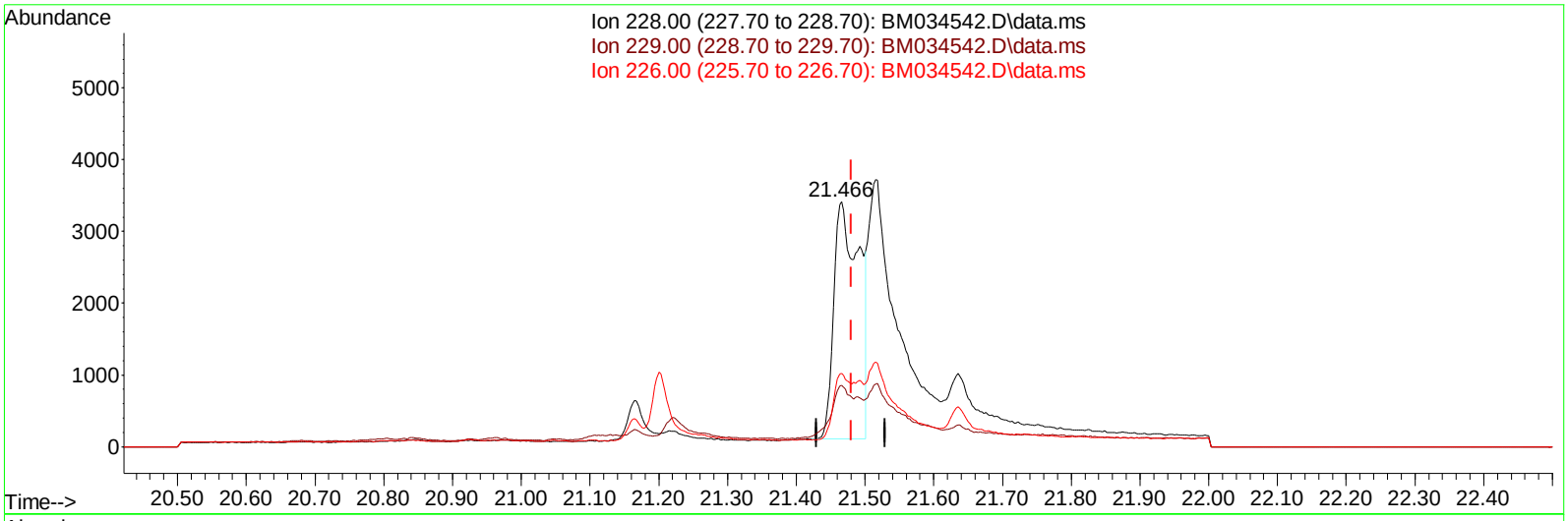
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040722\
Data File : BM034542.D
Acq On : 07 Apr 2022 12:28
Operator : CG/JU
Sample : N2182-08DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

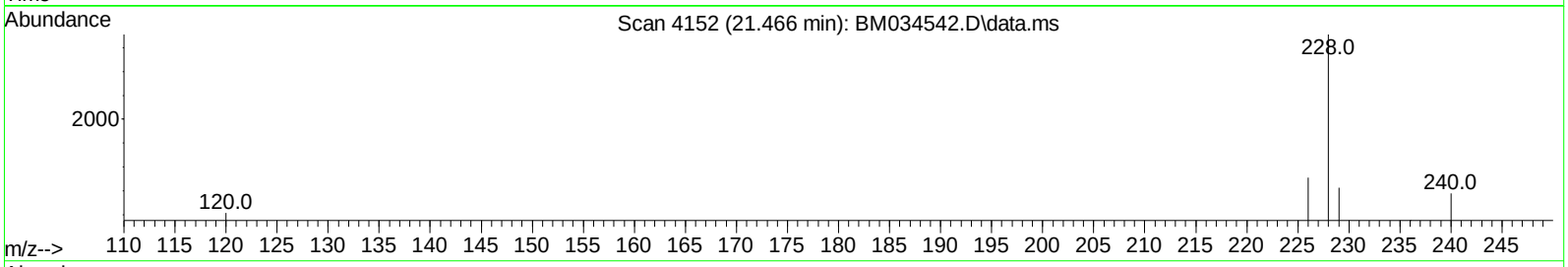
Quant Time: Apr 08 04:12:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 07 12:11:55 2022
Response via : Initial Calibration

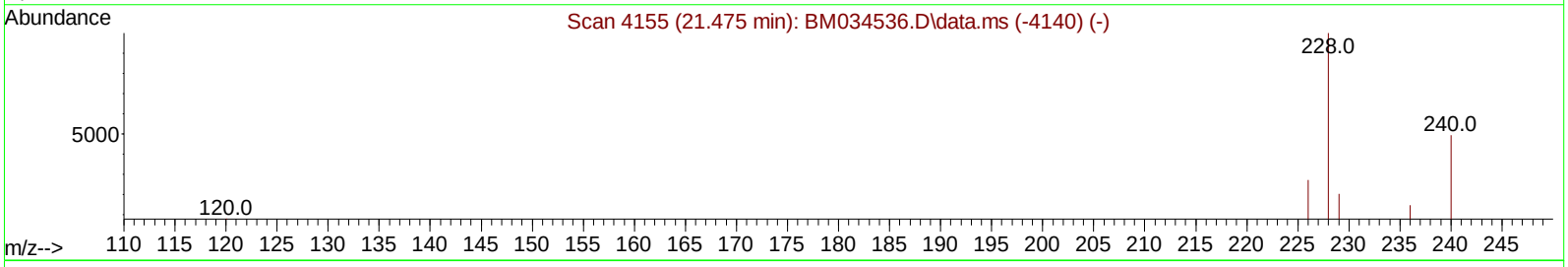
Instrument :
BNA_M
ClientSampleId :
C0R15DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022







TIC: BM034542.D\data.ms

(21) Benzo(a)anthracene

21.466min (-0.014) 0.66 ng/ul

response 8496

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.60	24.99
226.00	29.00	29.99
0.00	0.00	0.00

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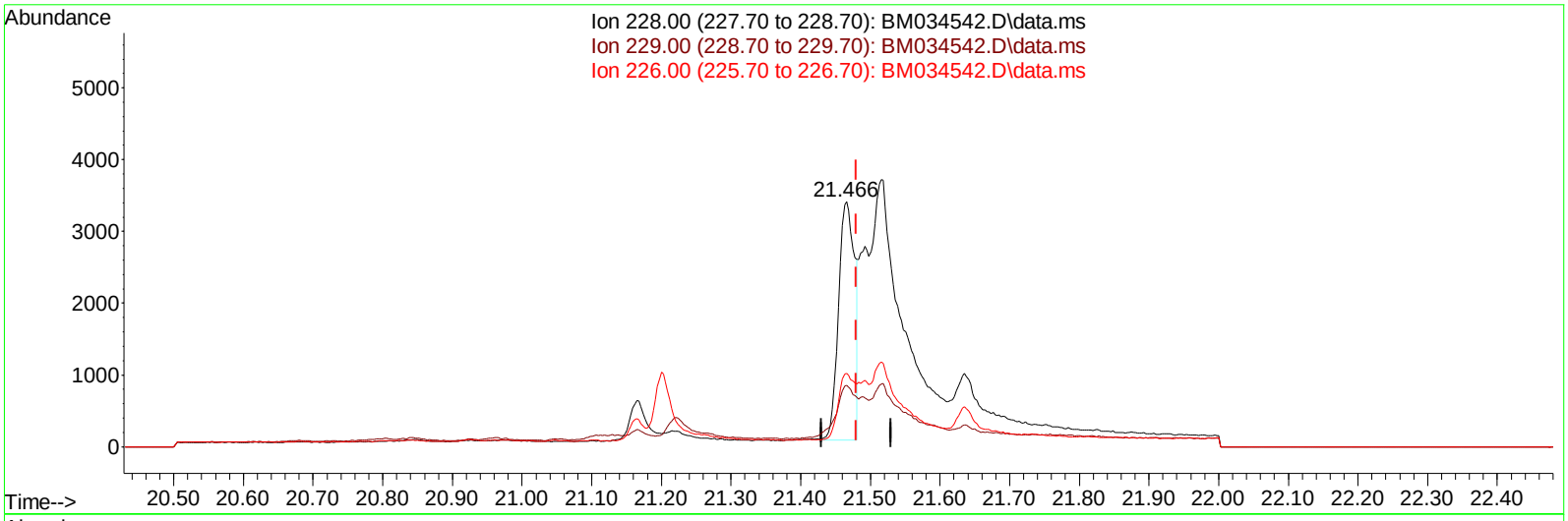

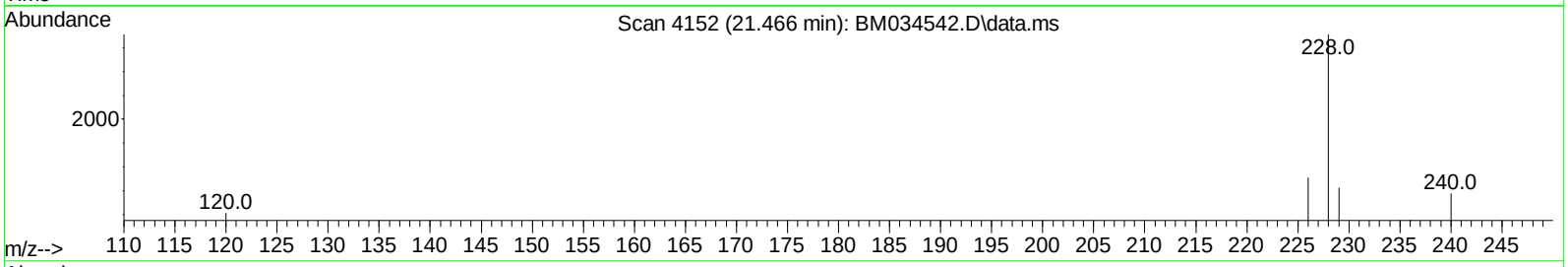

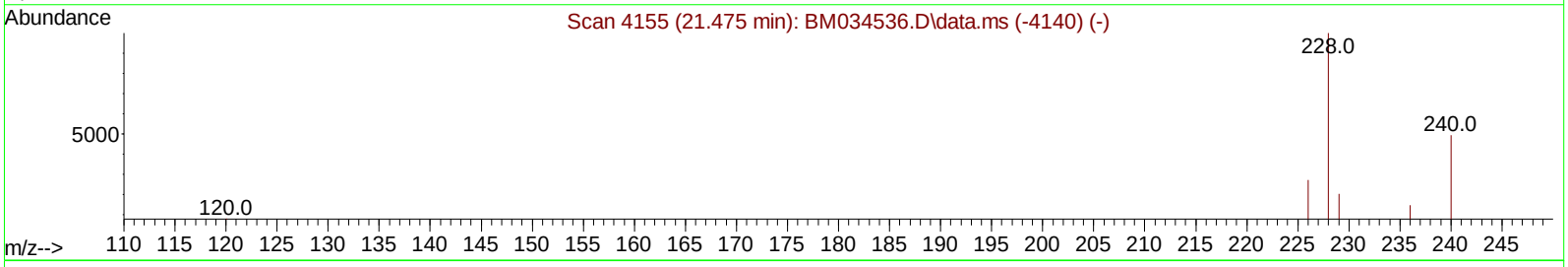

TIC: BM034542.D\data.ms

(21) Benzo(a)anthracene

21.466min (-0.014) 0.41 ng/ul m

response 5348

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.60	24.99
226.00	29.00	29.99
0.00	0.00	0.00

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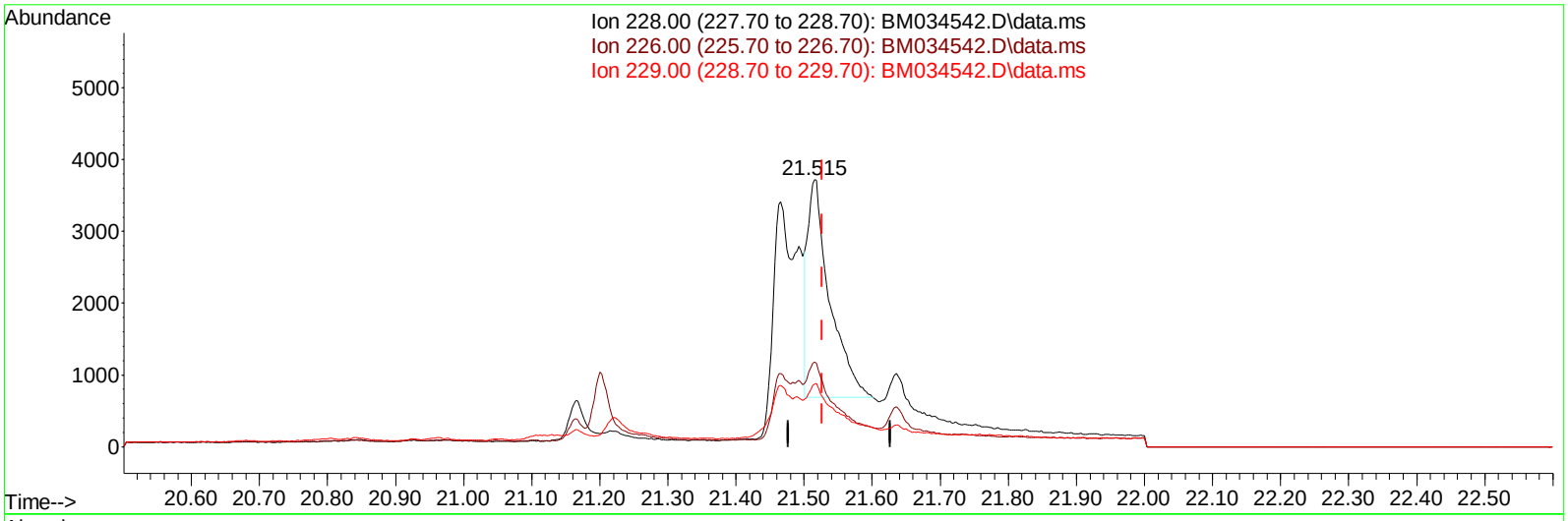

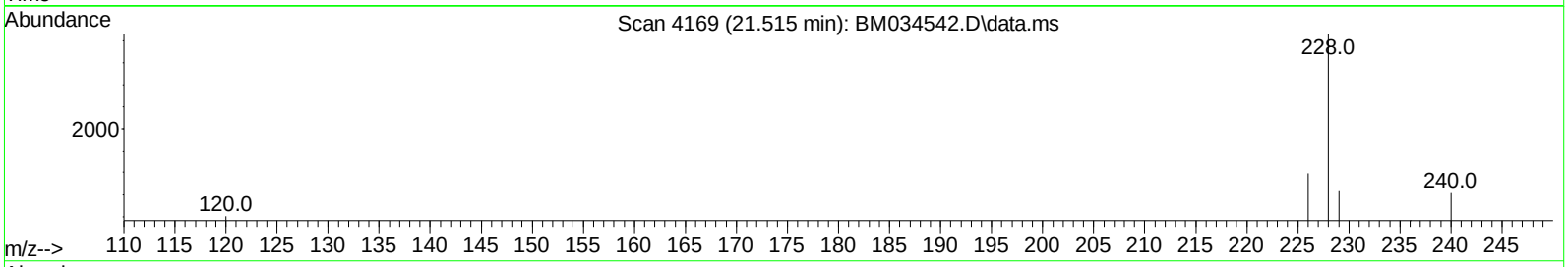

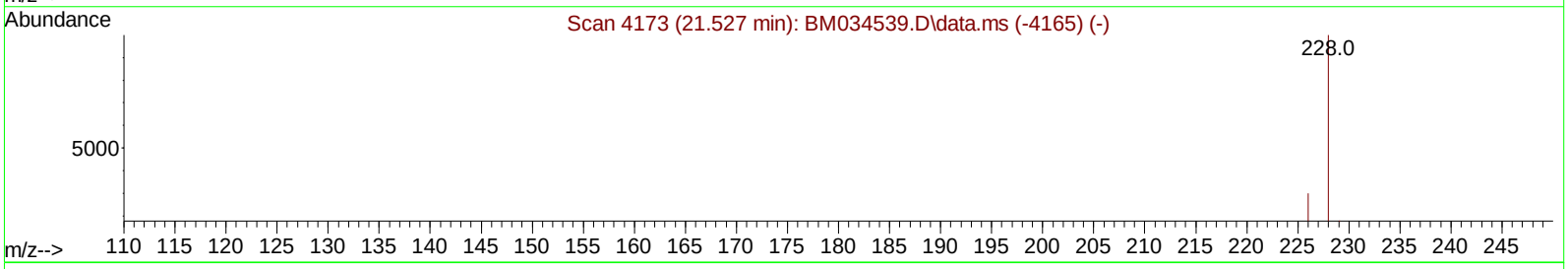

TIC: BM034542.D\data.ms

(22) Chrysene

21.515min (-0.012) 0.44 ng/ul

response 6784

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.30	31.84
229.00	20.90	23.58
0.00	0.00	0.00

Quantitation Report (Qedit)

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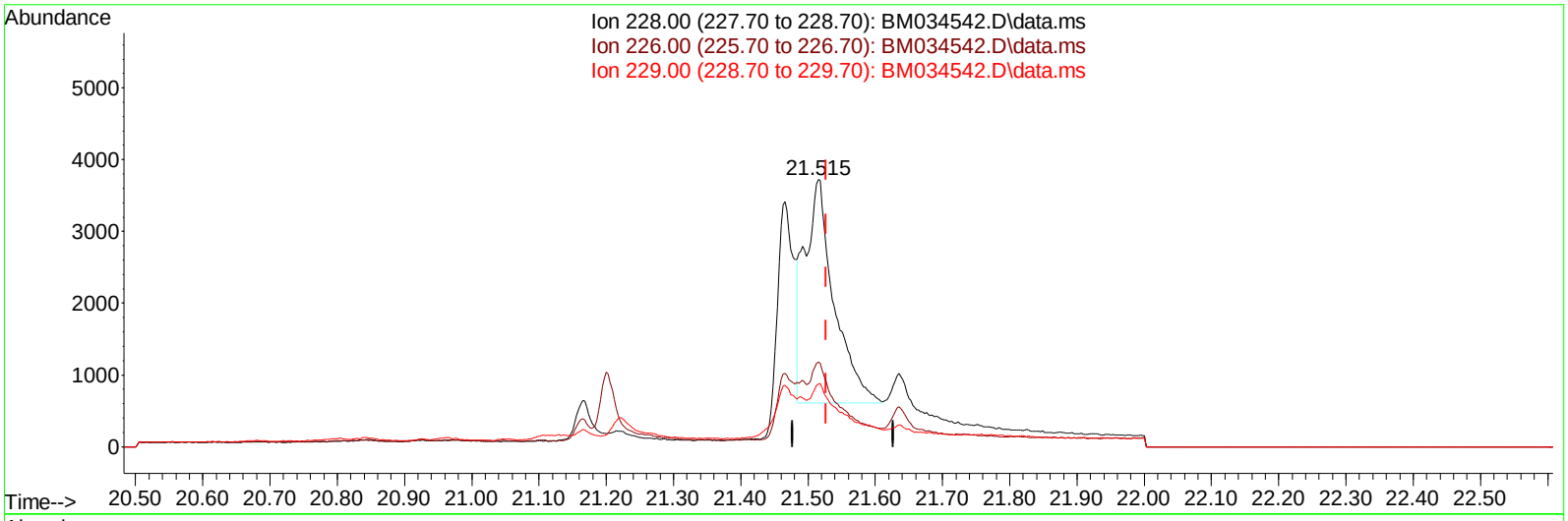

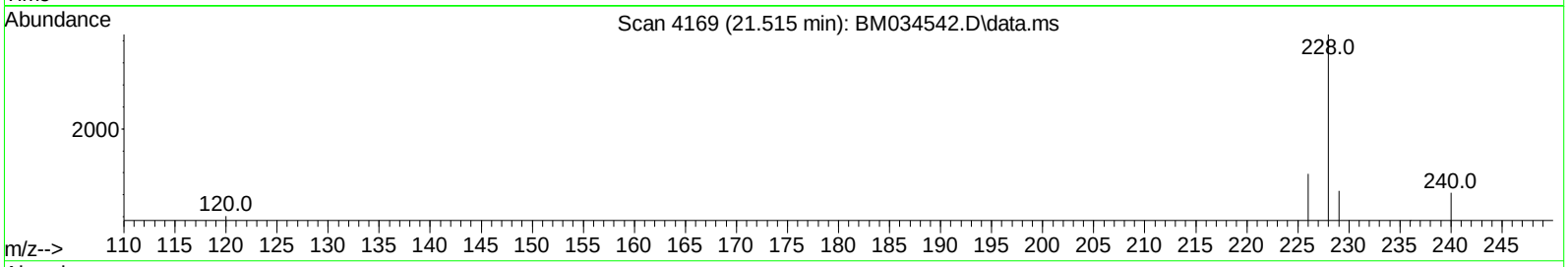

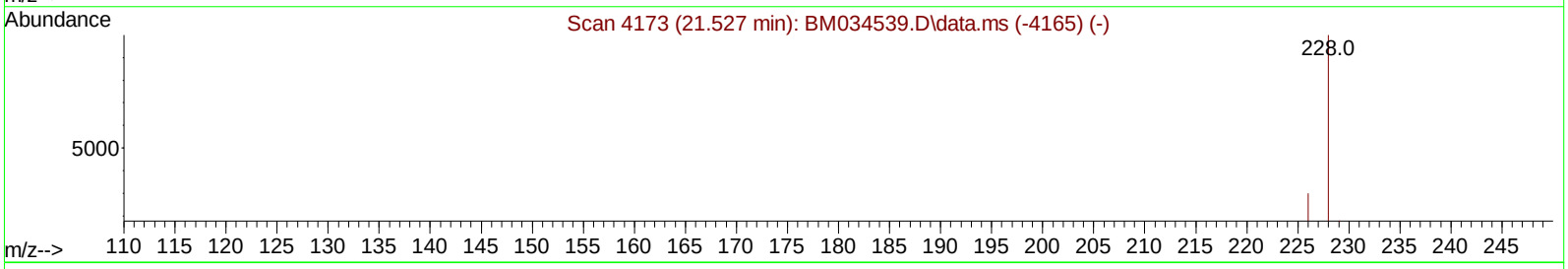

TIC: BM034542.D\data.ms

(22) Chrysene

21.515min (-0.012) 0.62 ng/ul m

response 9458

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.30	31.84
229.00	20.90	23.58
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 07 Apr 2022 12:28
Operator : CG/JU
Sample : N2182-08DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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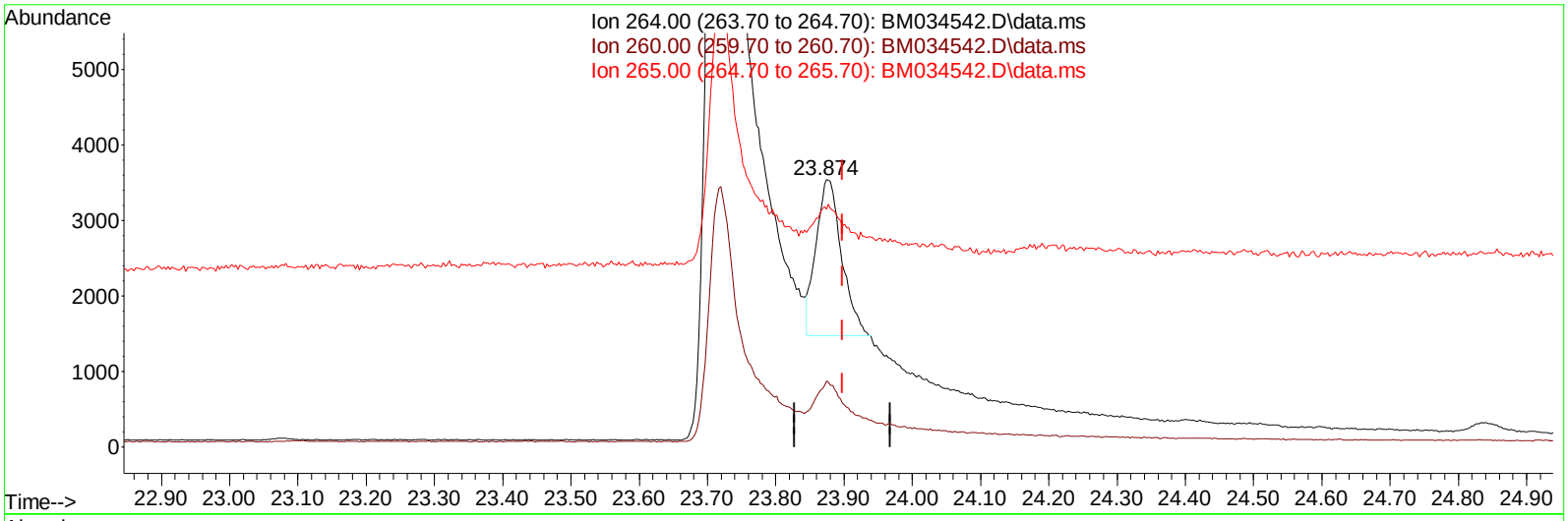

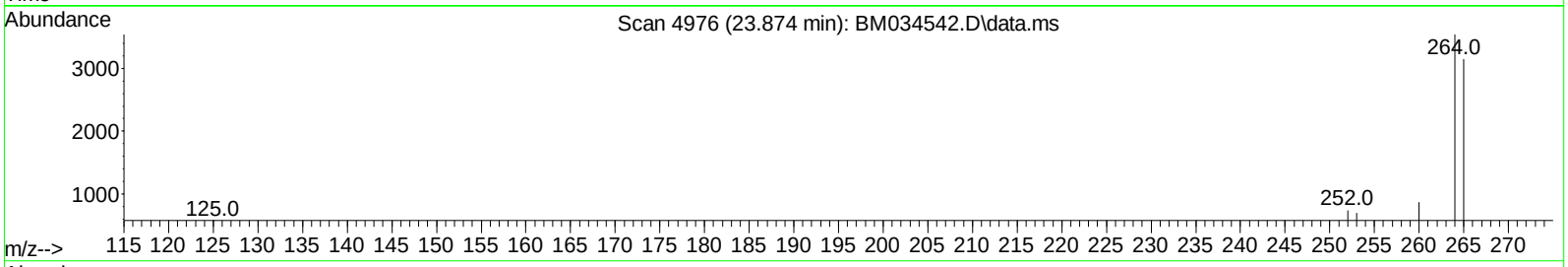

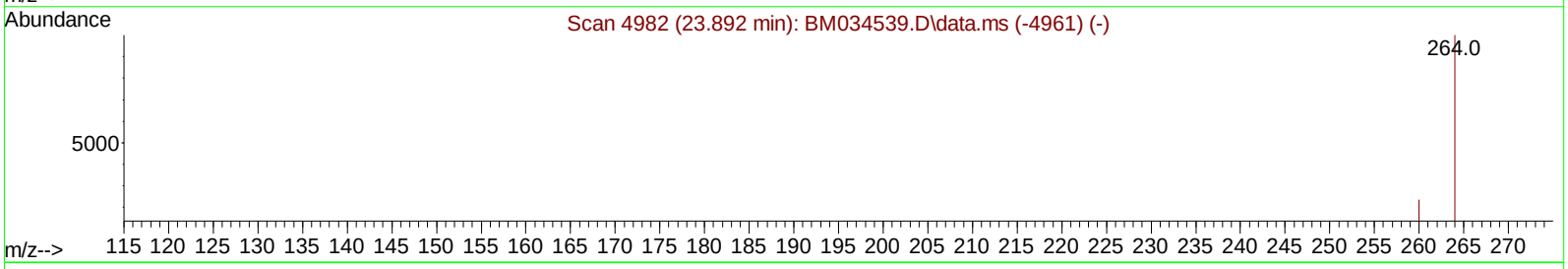

TIC: BM034542.D\data.ms

(23) Perylene-d12 (I)

23.874min (-0.024) 0.40 ng/ul

response 5389

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.80	24.60
265.00	95.30	89.08
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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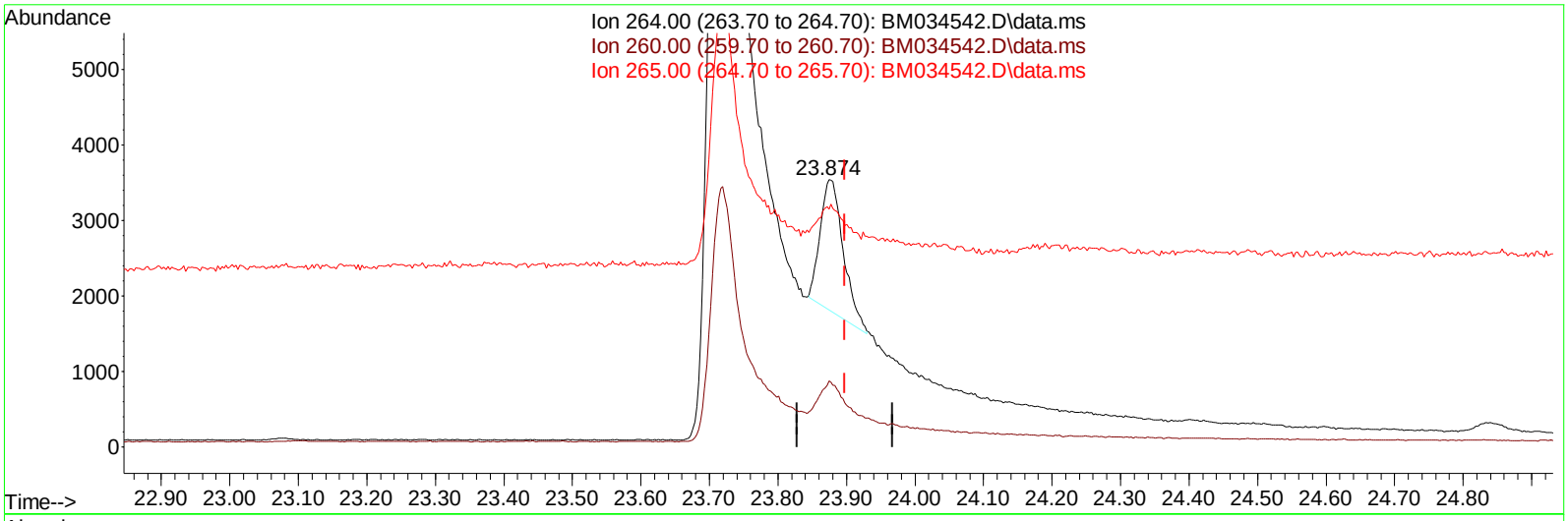
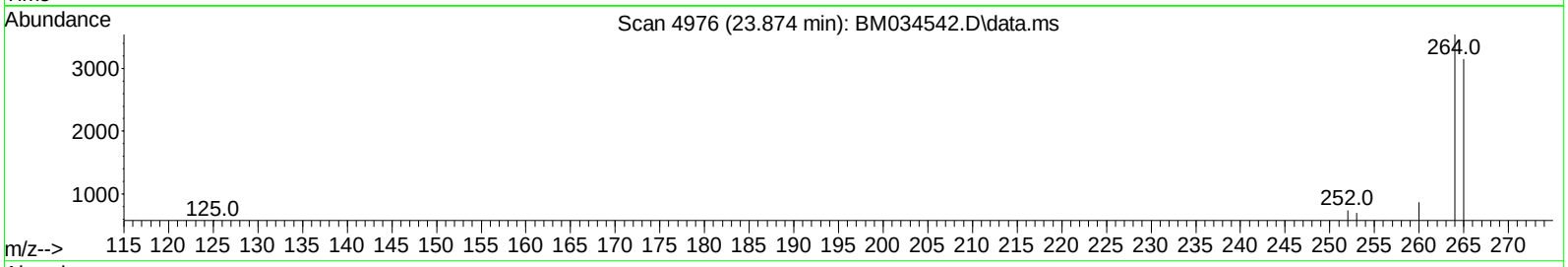
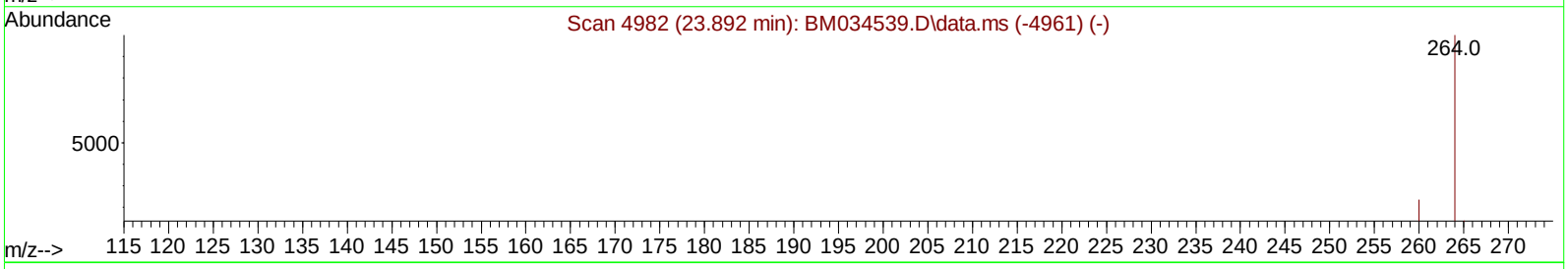
Supervised By :mohammad ahmed 04/11/2022







TIC: BM034542.D\data.ms

(23) Perylene-d12 (I)

23.874min (-0.024) 0.40 ng/ul m

response 4010

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.80	24.60
265.00	95.30	89.08
0.00	0.00	0.00

Quantitation Report (Qedit)

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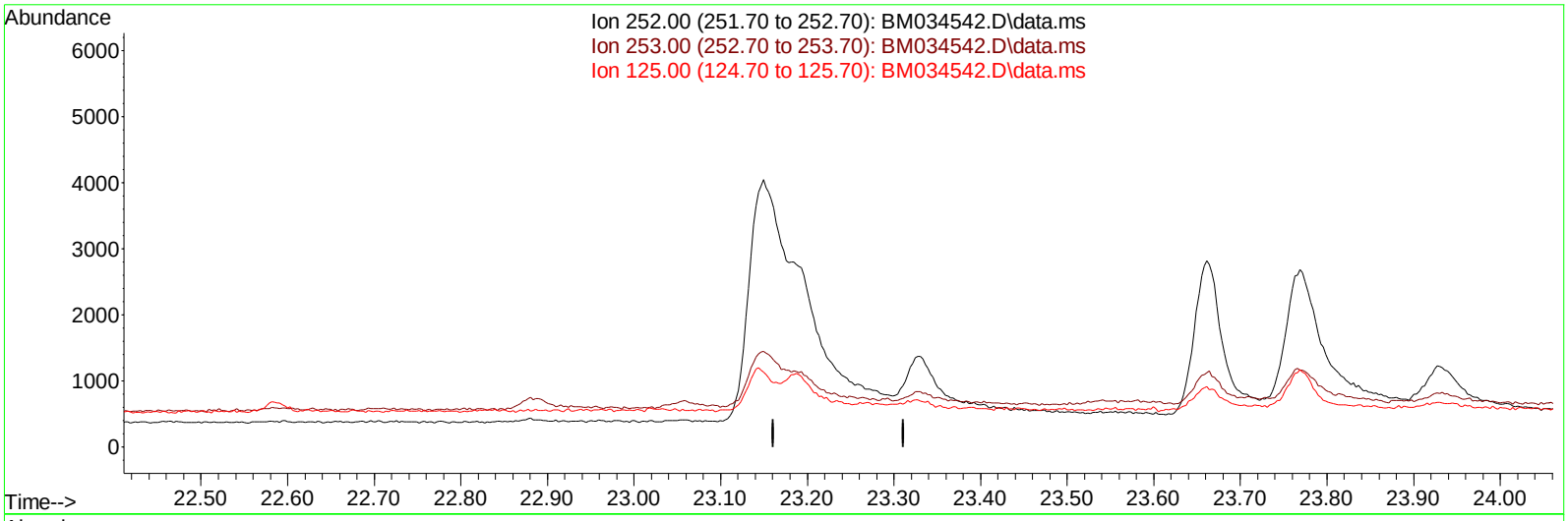

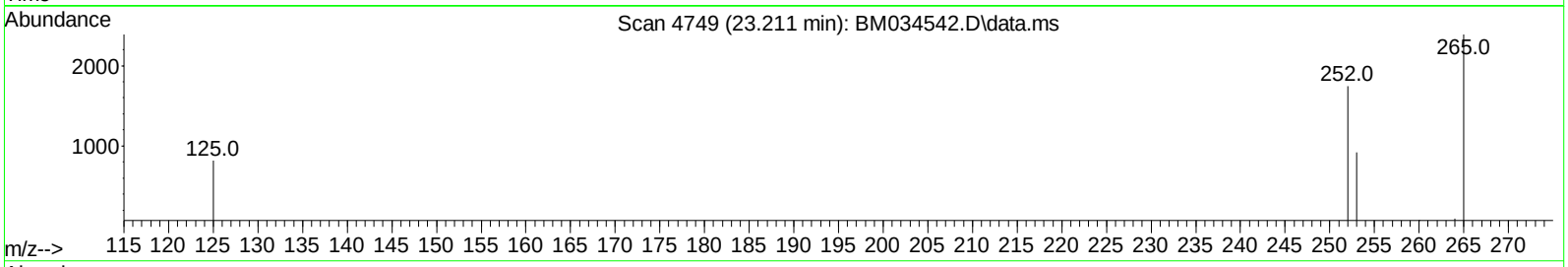

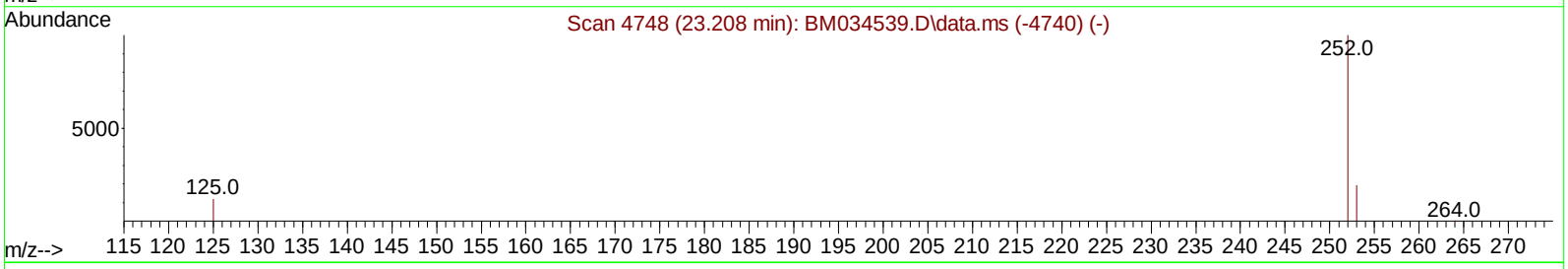

TIC: BM034542.D\data.ms

(25) Benzo(k)fluoranthene

23.211min (-23.211) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	33.50	0.00#
125.00	15.00	0.00#
0.00	0.00	0.00

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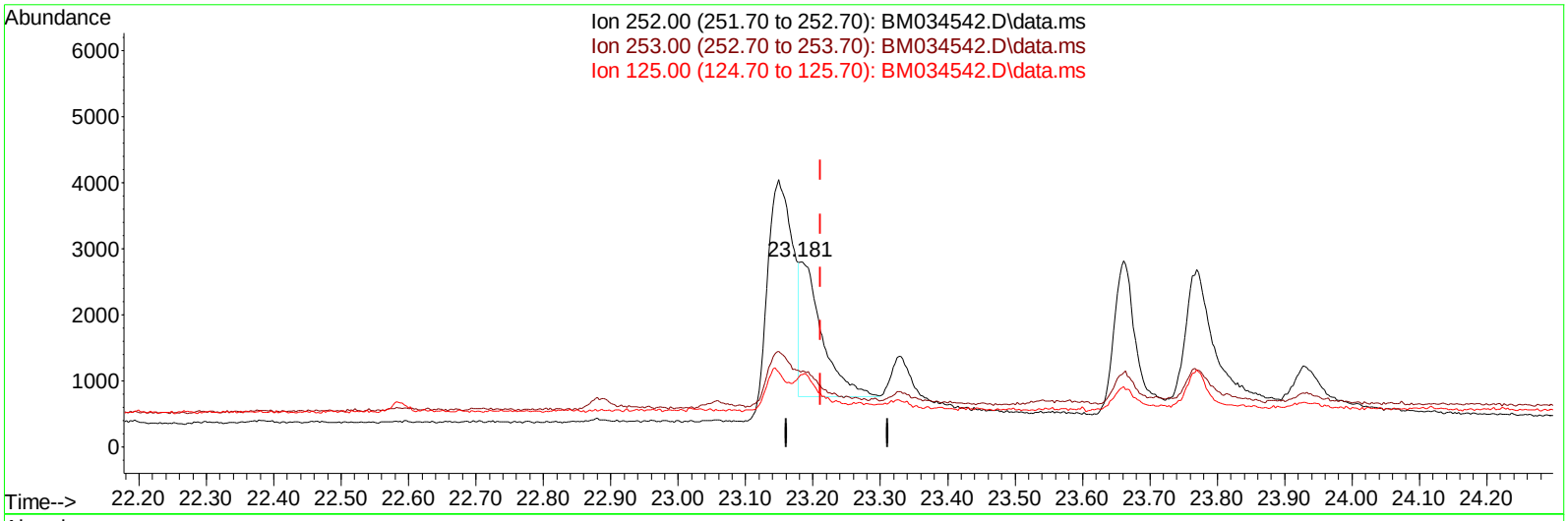

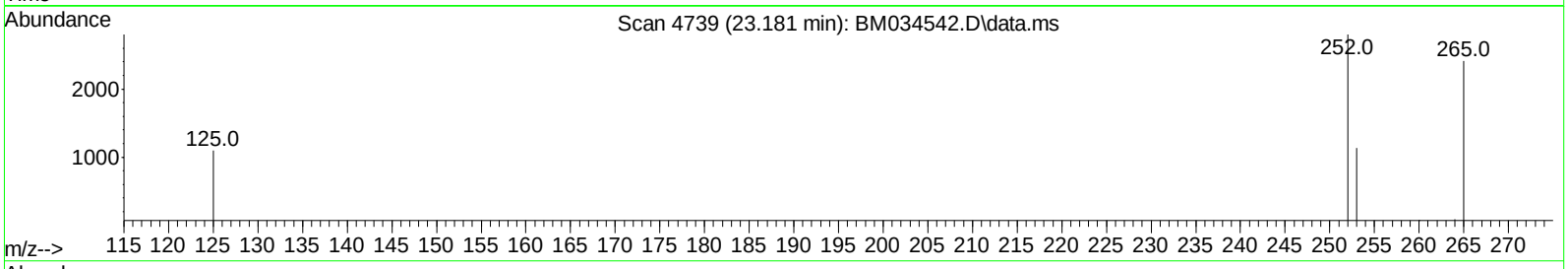

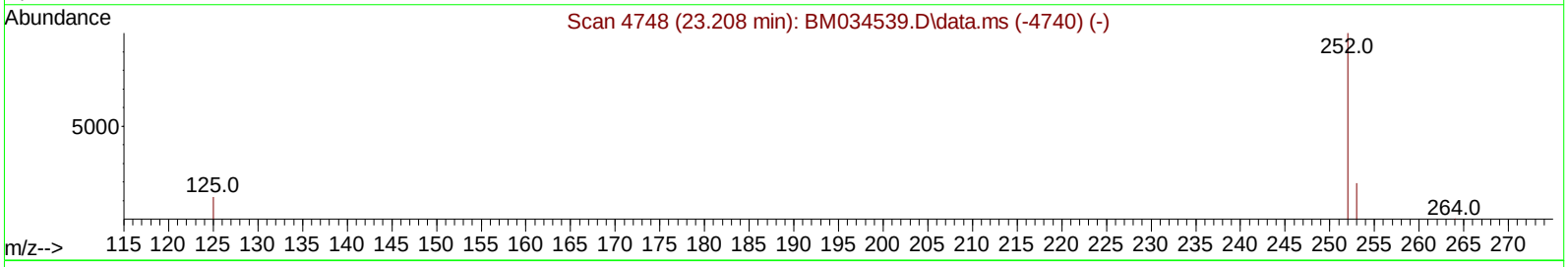

TIC: BM034542.D\data.ms

(25) Benzo(k)fluoranthene

23.181min (-0.030) 0.40 ng/ul m

response 4646

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	33.50	40.50#
125.00	15.00	39.14#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	2894	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.724	136	7683	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.555	164	3966	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	7063	0.400	ng/ul	-0.02
17) Chrysene-d12	21.480	240	5936	0.400	ng/ul	#-0.01
23) Perylene-d12	23.874	264	4010m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	1911	0.394	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	284	0.028	ng/ul	0.01
18) Fluoranthene-d10	19.325	212	813	0.047	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.779	128	1855	0.077	ng/ul	96
7) 2-Methylnaphthalene	12.418	142	824	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	629	0.048	ng/ul	100
10) Acenaphthylene	14.278	152	595	0.032	ng/ul#	75
11) Acenaphthene	14.620	153	1285	0.086	ng/ul	99
12) Fluorene	15.605	166	1351	0.088	ng/ul	95
15) Phenanthrene	17.337	178	18501	0.807	ng/ul	94
16) Anthracene	17.430	178	4856	0.279	ng/ul	98
19) Fluoranthene	19.352	202	27287	1.095	ng/ul	100
20) Pyrene	19.715	202	24044	0.826	ng/ul	96
21) Benzo(a)anthracene	21.466	228	5348m	0.414	ng/ul	
22) Chrysene	21.515	228	9458m	0.619	ng/ul	
24) Benzo(b)fluoranthene	23.149	252	9343	0.712	ng/ul	85
25) Benzo(k)fluoranthene	23.181	252	4646m	0.397	ng/ul	
26) Benzo(a)pyrene	23.769	252	5611	0.366	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.388	276	4168	0.226	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.378	278	674	0.050	ng/ul#	1
29) Benzo(g,h,i)perylene	27.149	276	3782	0.189	ng/ul#	81

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

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