Quantitation Report (Qedit)

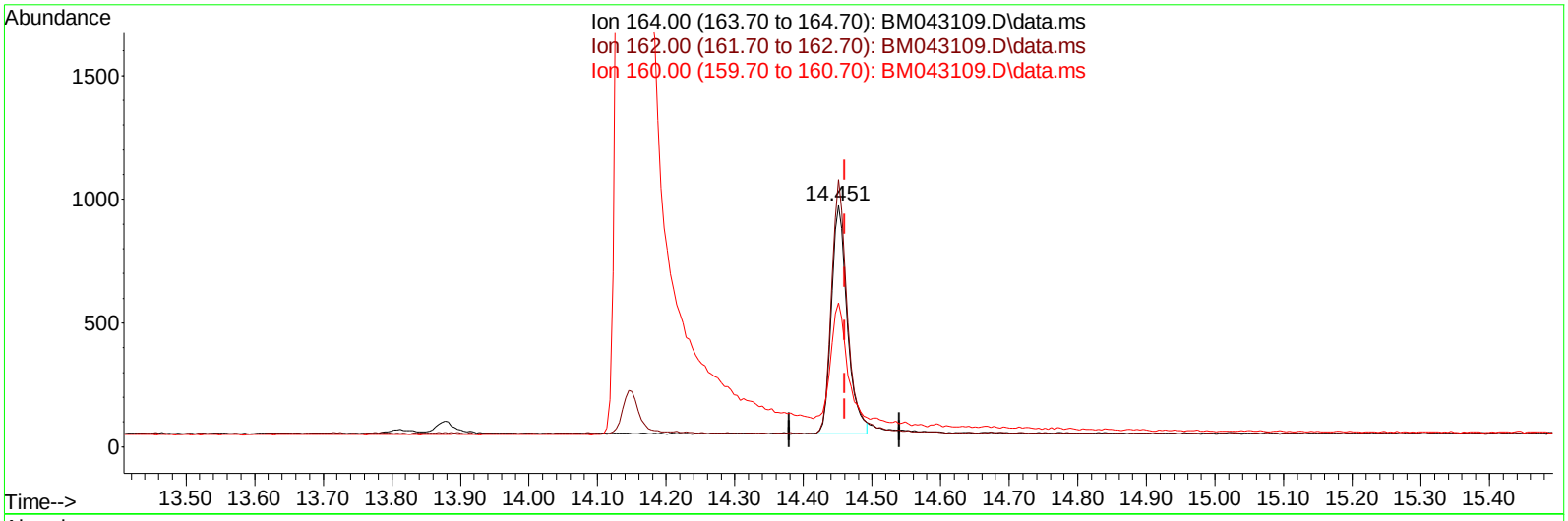
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043109.D
Acq On : 01 Dec 2023 06:20
Operator : MA/JU
Sample : 05459-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

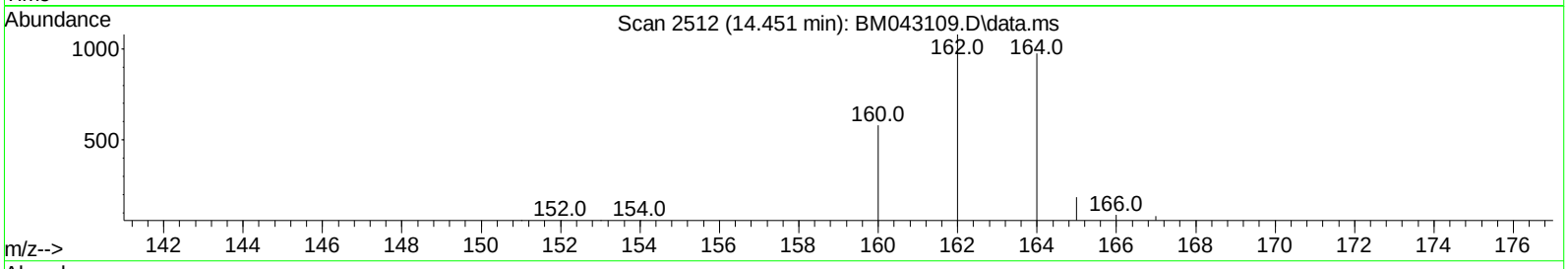
Quant Time: Dec 01 06:51:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

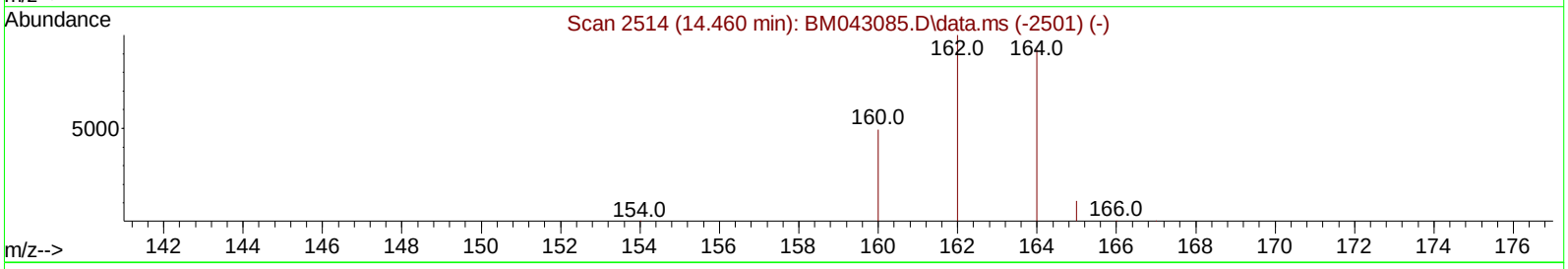
Instrument :
BNA_M
ClientSampleId :
C0AA0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043109.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.009) 0.40 ng/ul

response 1495

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	110.67
160.00	57.20	59.49
0.00	0.00	0.00

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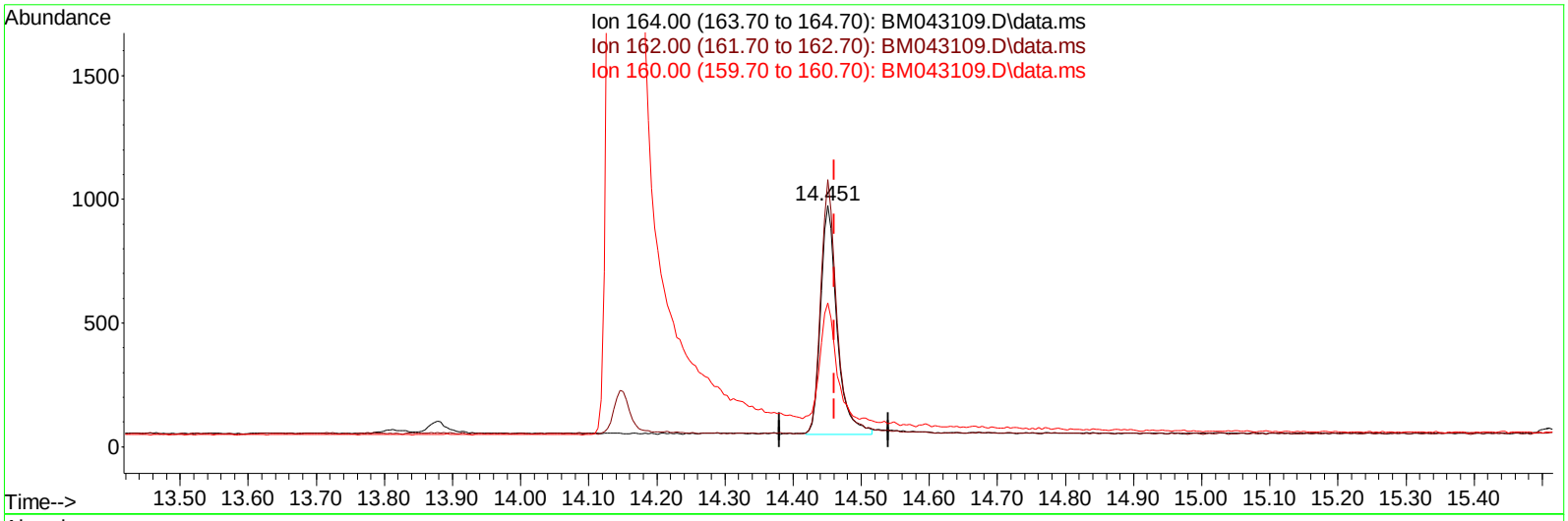

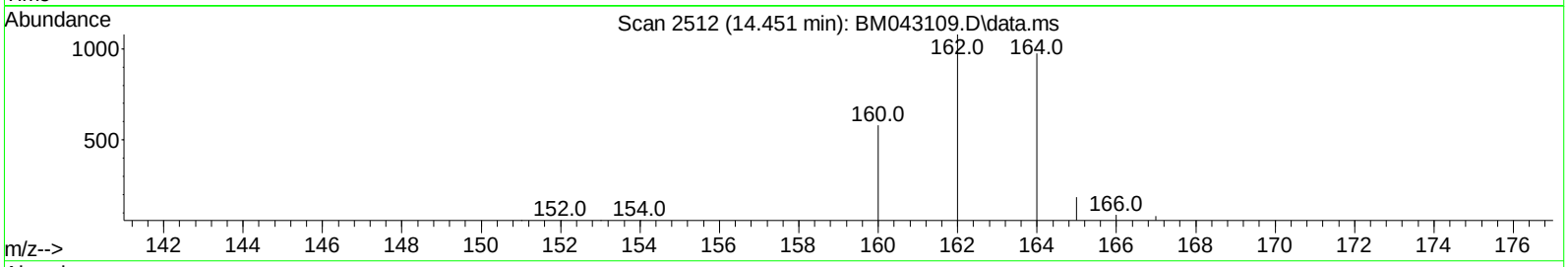

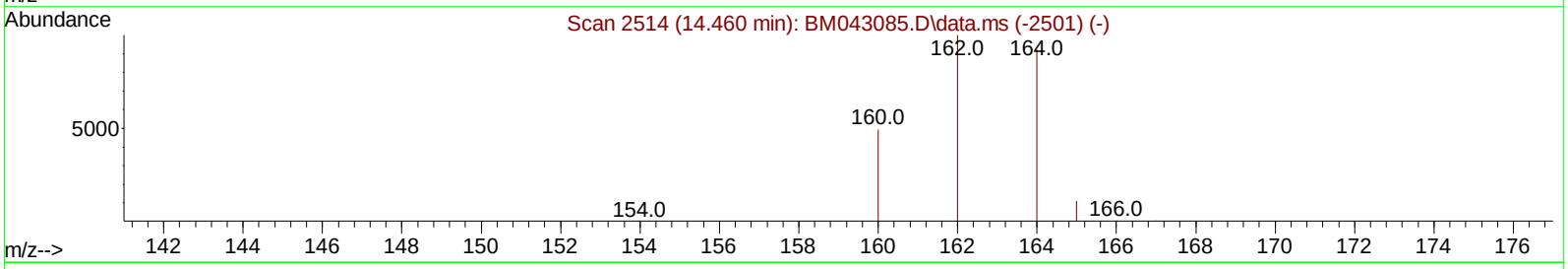

TIC: BM043109.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.009) 0.40 ng/ul m

response 1554

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	110.67
160.00	57.20	59.49
0.00	0.00	0.00

Quantitation Report (Qedit)

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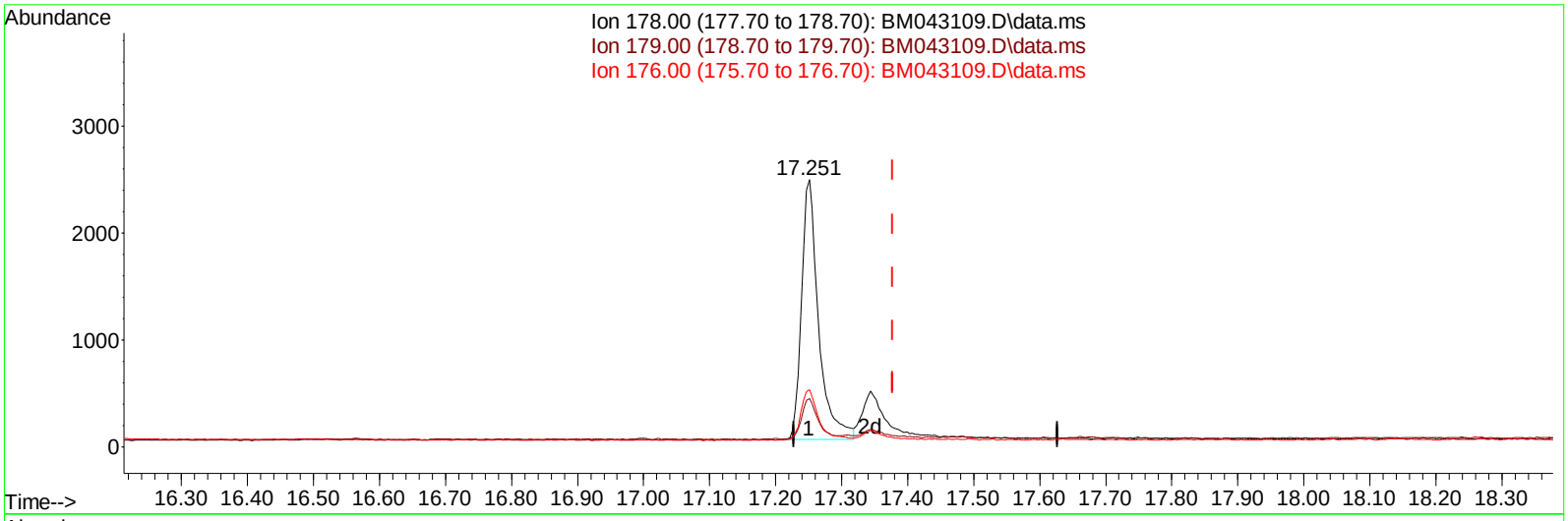

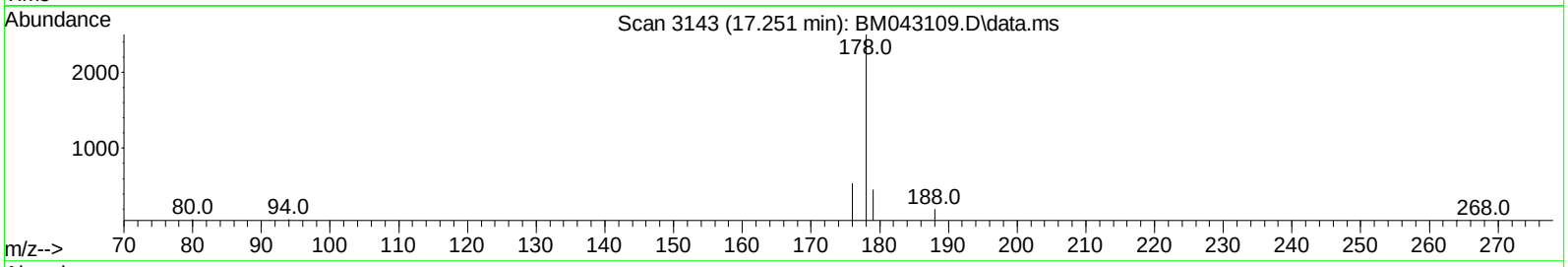

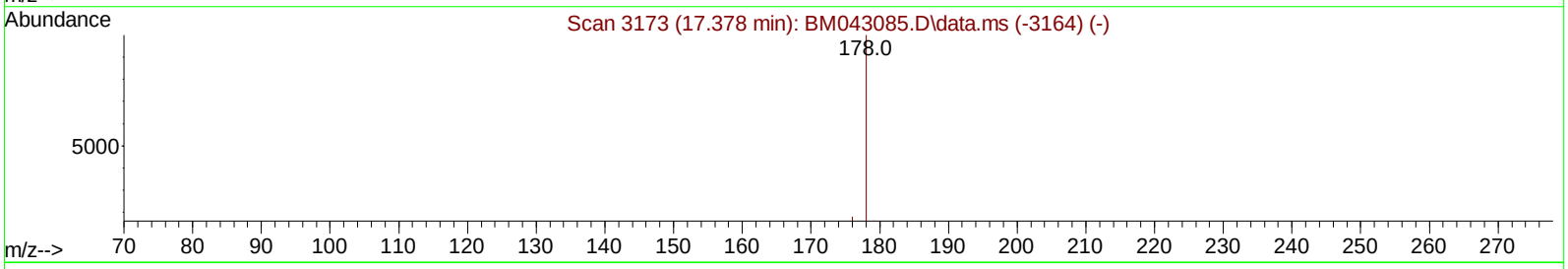

TIC: BM043109.D\data.ms

(16) Anthracene

17.251min (-0.127) 0.53 ng/ul

response 4362

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	18.06
176.00	25.60	21.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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Reviewed By :Yogesh Patel 12/01/2023
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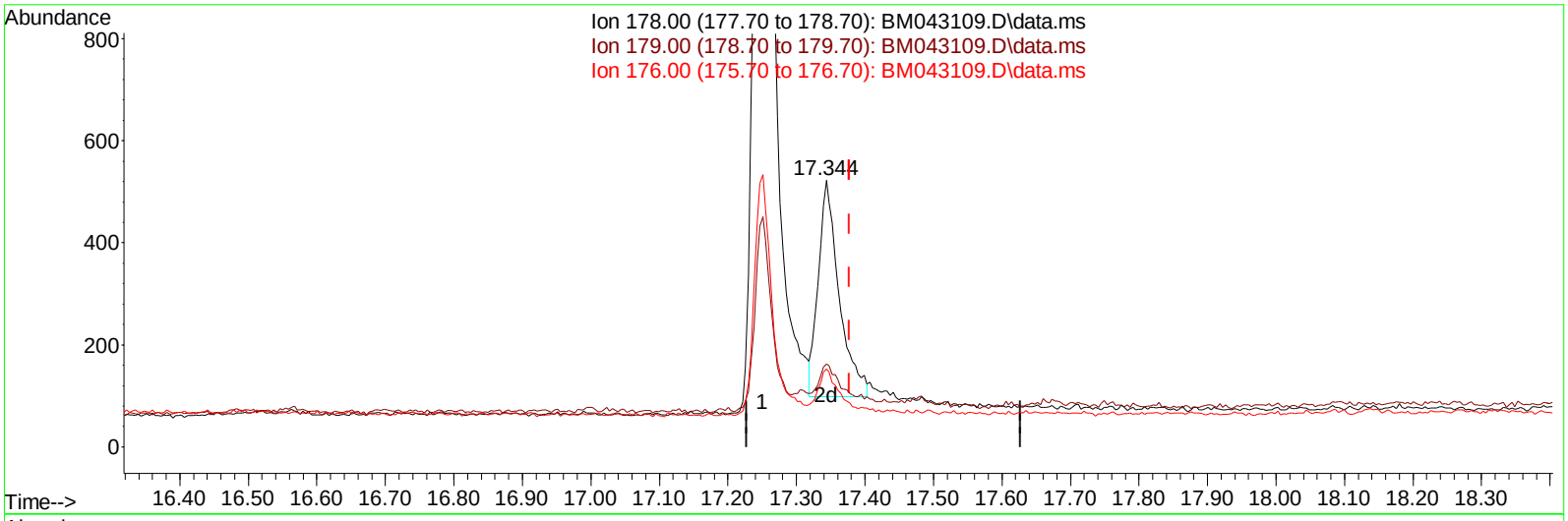

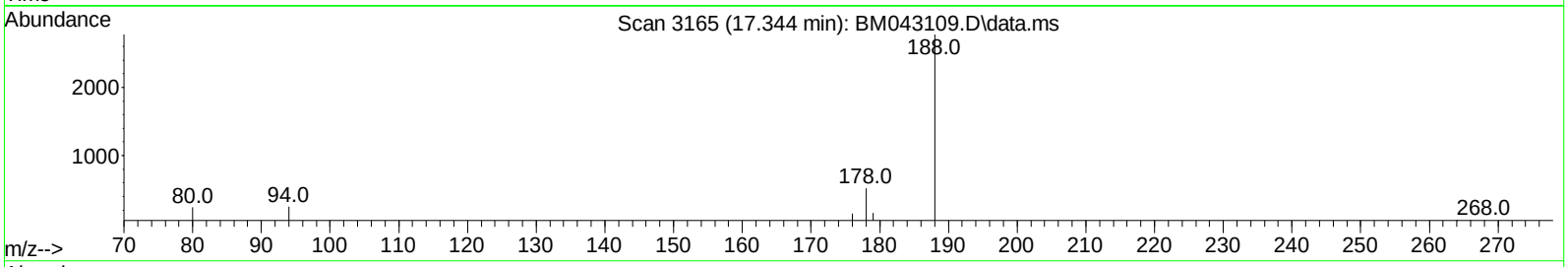

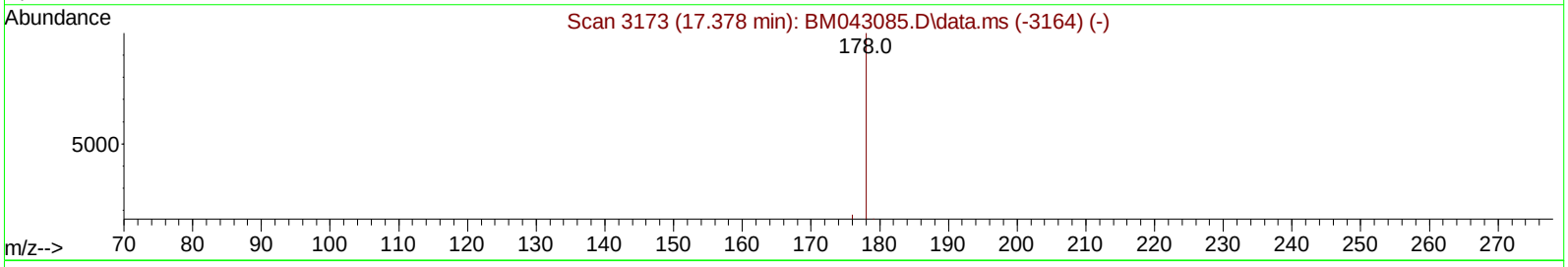

TIC: BM043109.D\data.ms

(16) Anthracene

17.344min (-0.034) 0.11 ng/ul m

response 889

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	30.98#
176.00	25.60	29.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043109.D
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Operator : MA/JU
Sample : 05459-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
C0AA0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
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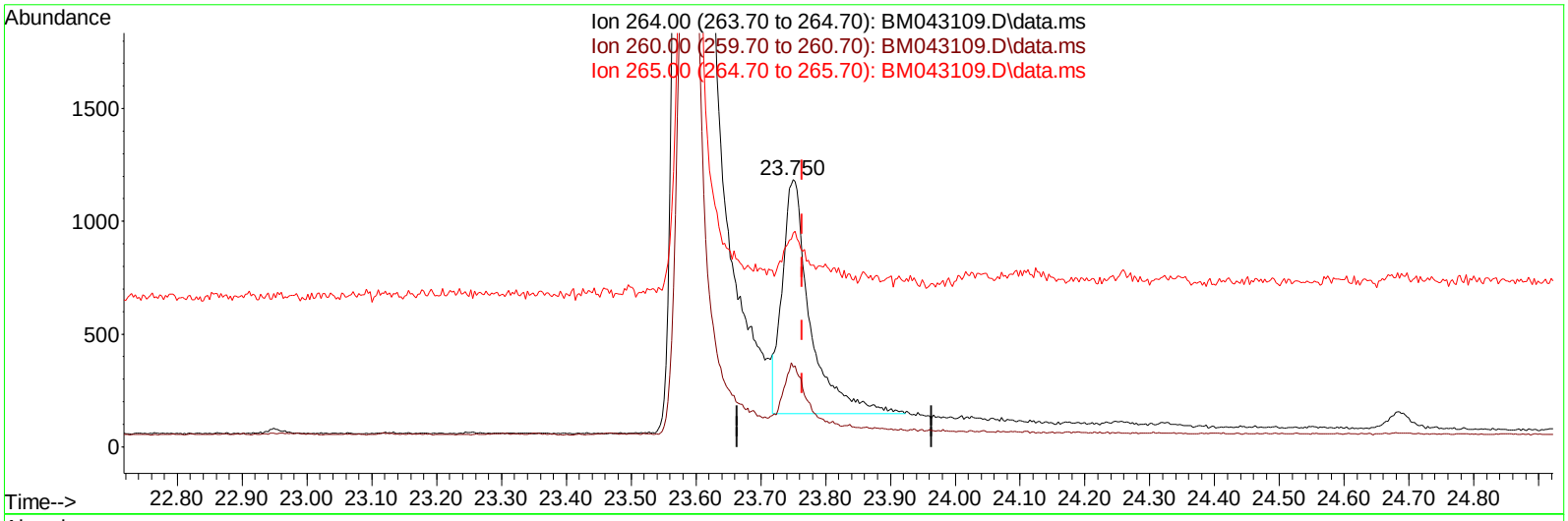

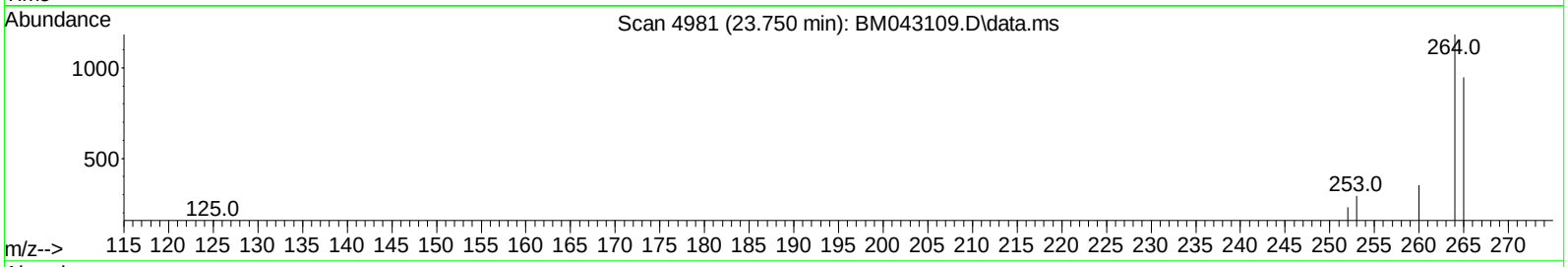

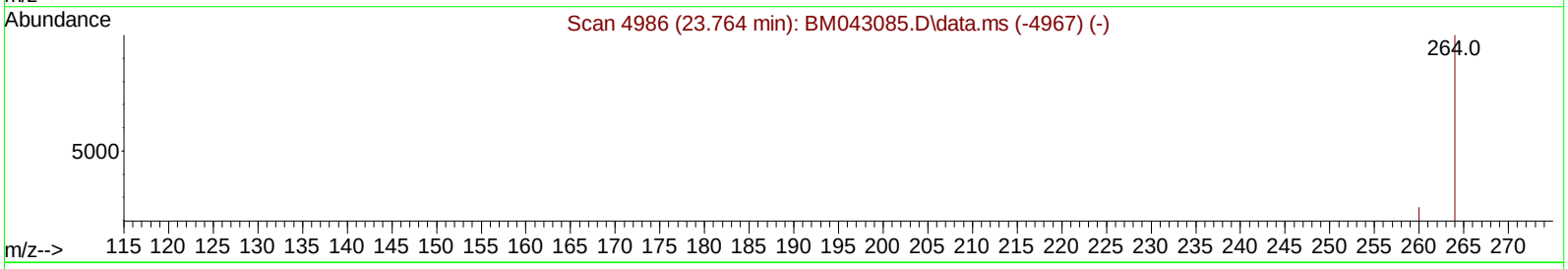

TIC: BM043109.D\data.ms

(23) Perylene-d12 (I)

23.750min (-0.015) 0.40 ng/ul

response 3133

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.81
265.00	120.30	80.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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Manual IntegrationsAPPROVED

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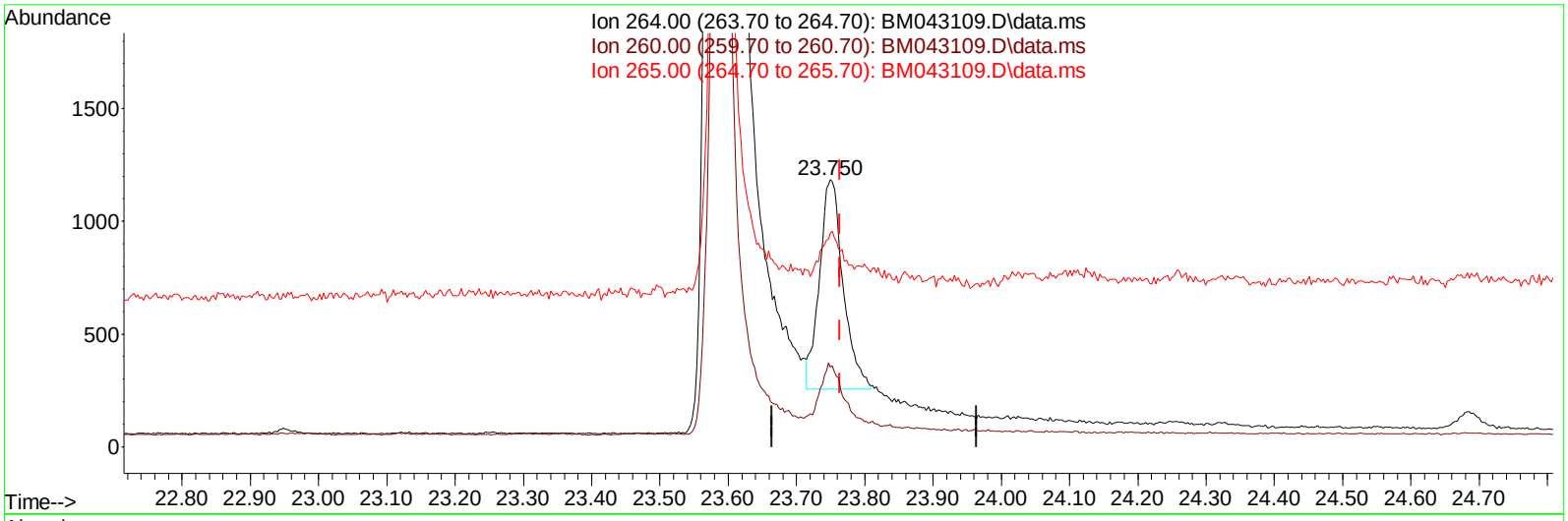

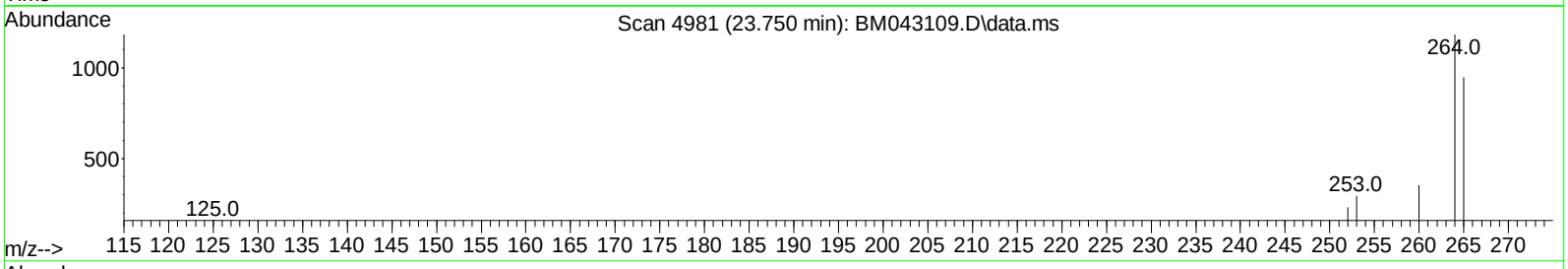

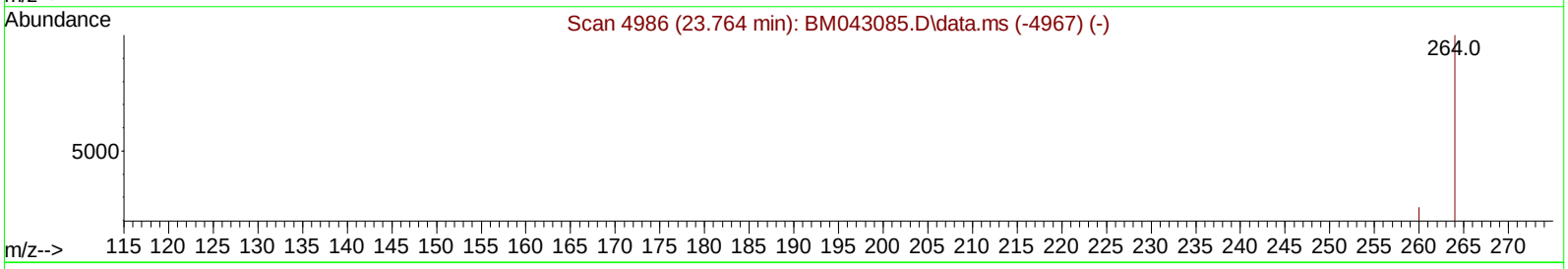

TIC: BM043109.D\data.ms

(23) Perylene-d12 (I)

23.750min (-0.015) 0.40 ng/ul m

response 2228

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.81
265.00	120.30	80.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

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C0AA0

Manual IntegrationsAPPROVED

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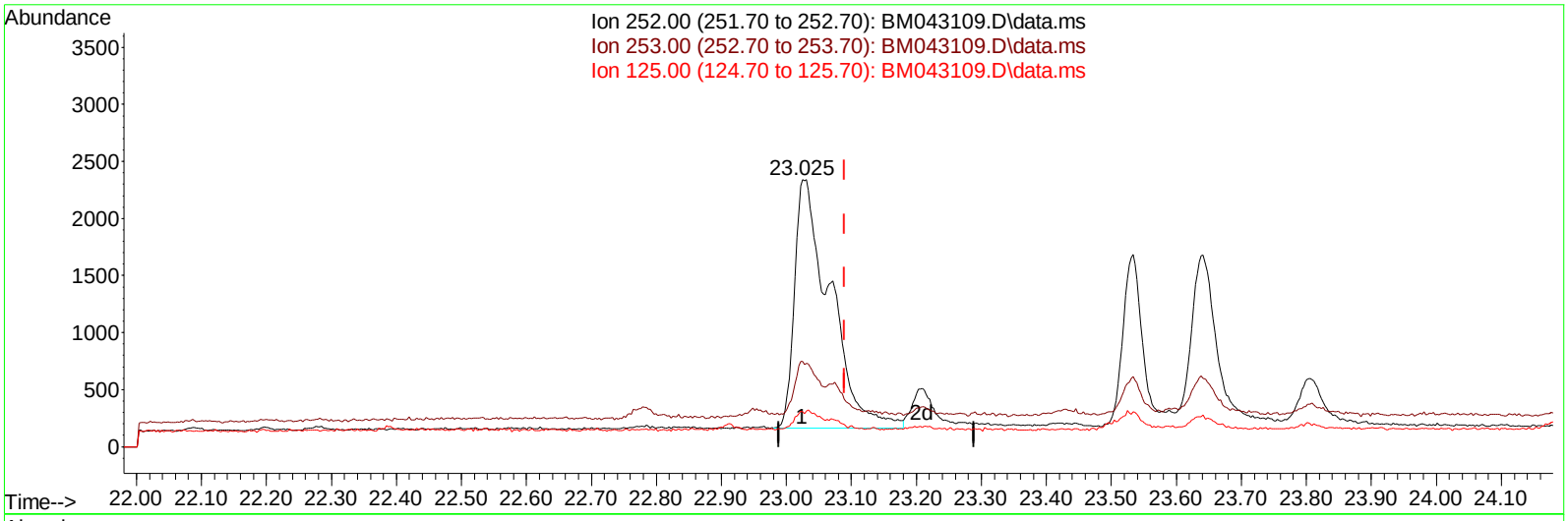

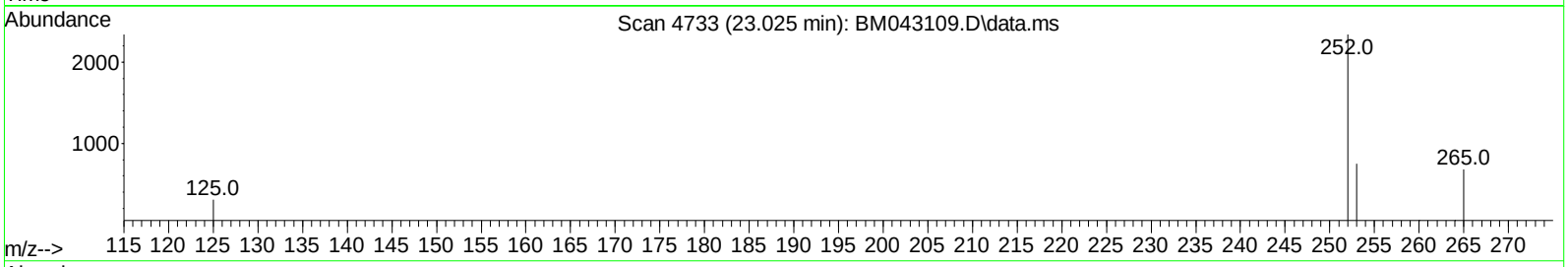

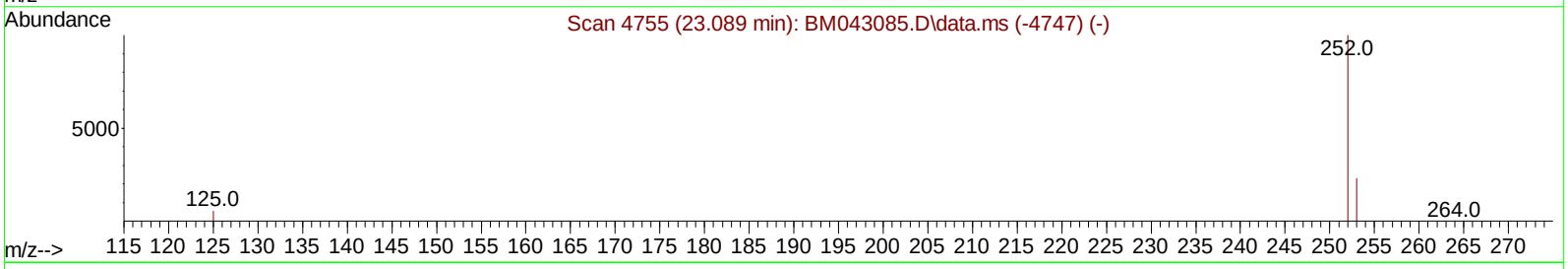

TIC: BM043109.D\data.ms

(25) Benzo(k)fluoranthene

23.025min (-0.064) 0.80 ng/ul

response 8326

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	32.02
125.00	13.80	13.08
0.00	0.00	0.00

Quantitation Report (Qedit)

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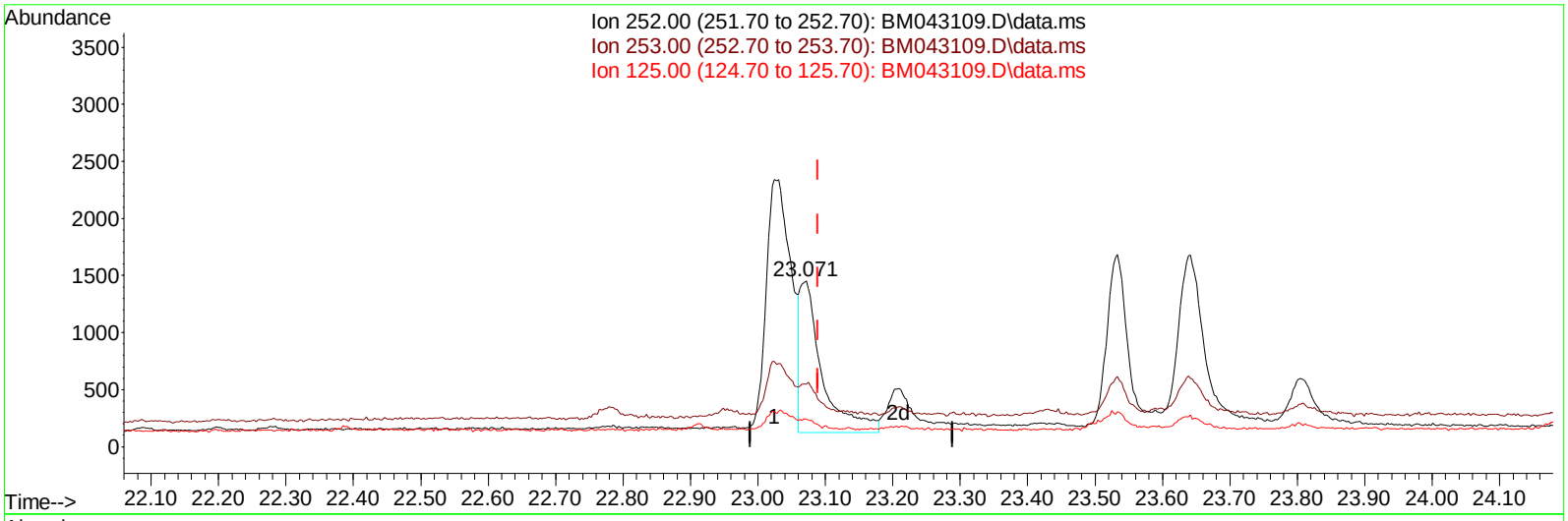

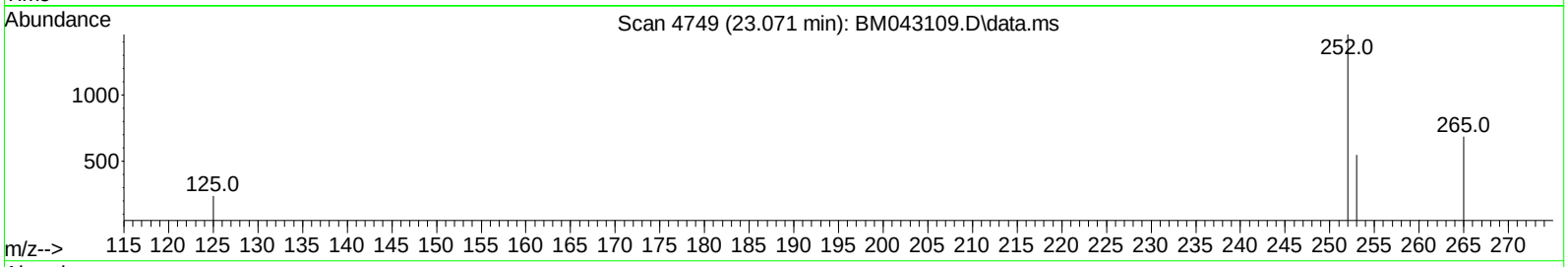

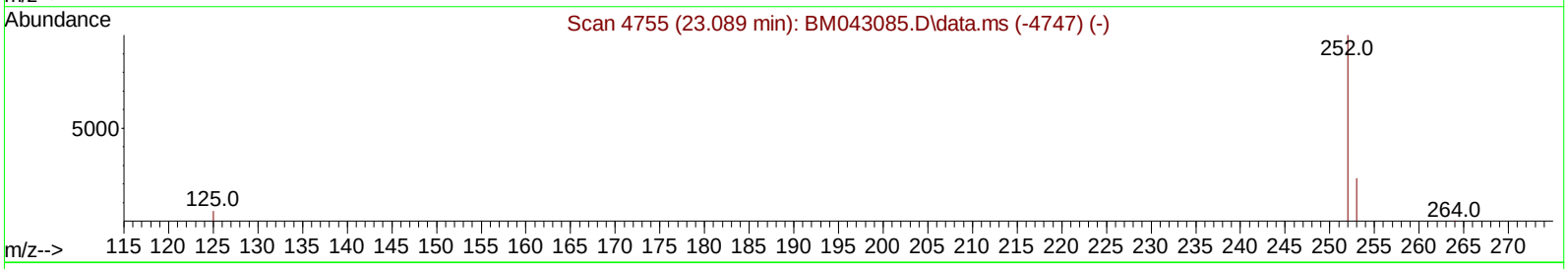

TIC: BM043109.D\data.ms

(25) Benzo(k)fluoranthene

23.071min (-0.018) 0.29 ng/ul m

response 3032

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	37.59
125.00	13.80	16.43
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	7.813	152	1000	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.612	136	2718	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.451	164	1554m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	3071	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	2074	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	2228m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1185	0.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	650	0.179	ng/ul	-0.02
18) Fluoranthene-d10	19.239	212	1415	0.187	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.661	128	1109	0.150	ng/ul	97
7) 2-Methylnaphthalene	12.295	142	971	0.223	ng/ul	99
8) 1-Methylnaphthalene	12.504	142	605	0.125	ng/ul	95
11) Acenaphthene	14.516	153	342	0.057	ng/ul	95
12) Fluorene	15.510	166	335	0.054	ng/ul#	93
15) Phenanthrene	17.251	178	4384	0.500	ng/ul	96
16) Anthracene	17.344	178	889m	0.107	ng/ul	
19) Fluoranthene	19.267	202	10507	0.894	ng/ul#	93
20) Pyrene	19.629	202	9821	0.785	ng/ul	95
21) Benzo(a)anthracene	21.388	228	4411	0.655	ng/ul	98
22) Chrysene	21.441	228	4464	0.356	ng/ul	100
24) Benzo(b)fluoranthene	23.025	252	5552	0.738	ng/ul	94
25) Benzo(k)fluoranthene	23.071	252	3032m	0.293	ng/ul	
26) Benzo(a)pyrene	23.642	252	3625	0.442	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.208	276	3141	0.283	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.218	278	680	0.079	ng/ul#	61
29) Benzo(g,h,i)perylene	26.973	276	2422	0.224	ng/ul	96

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

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