Quantitation Report (Qedit)

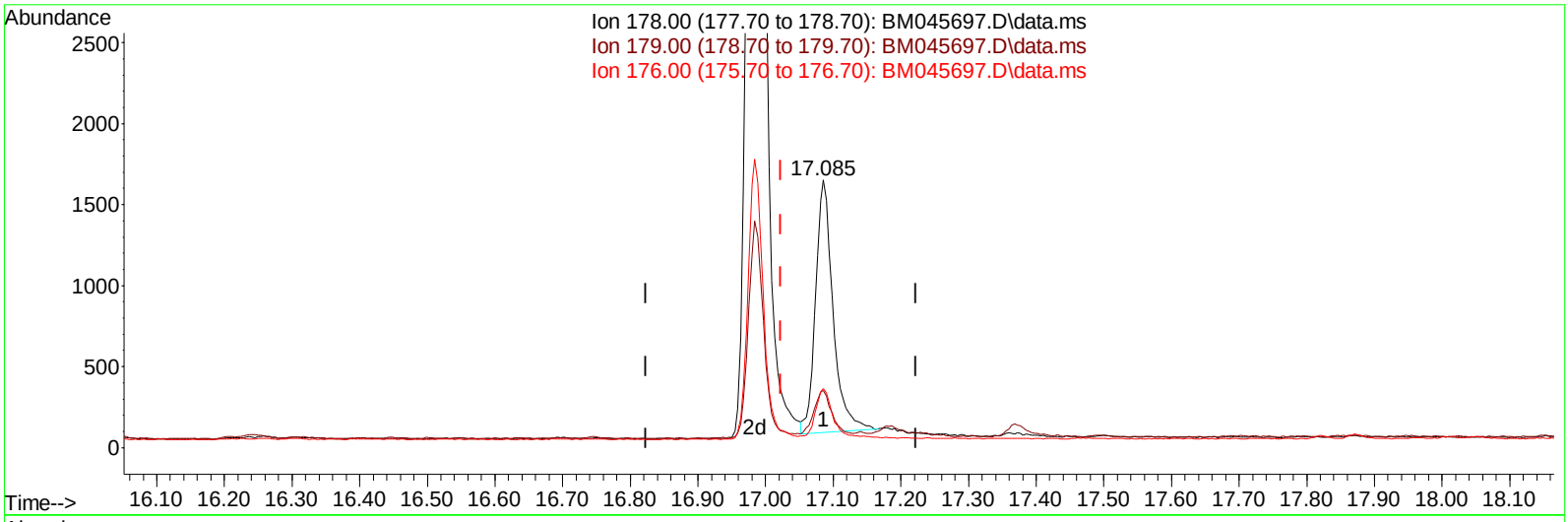
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045697.D
Acq On : 03 May 2024 15:51
Operator : MA/JU
Sample : P2238-10MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

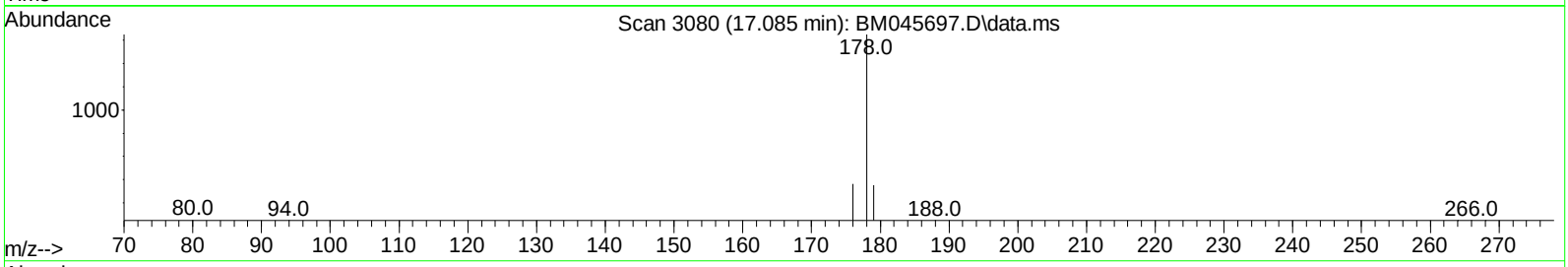
Quant Time: May 03 16:56:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:27:04 2024
Response via : Initial Calibration

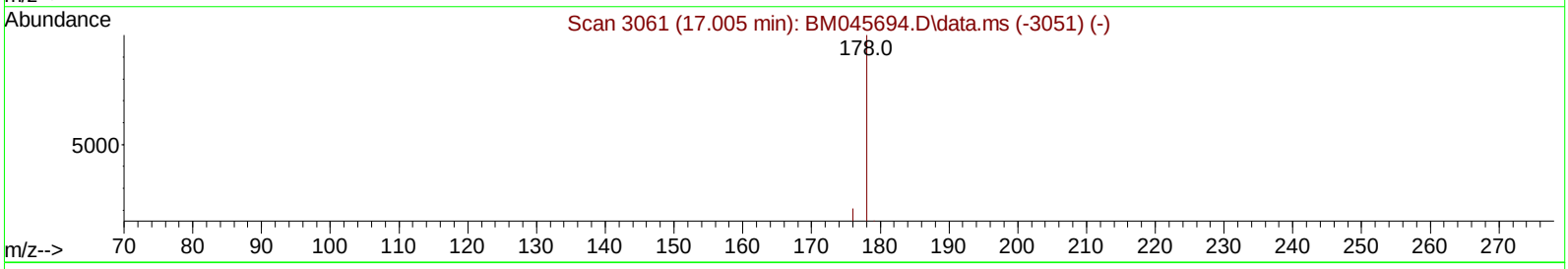
Instrument :
BNA_M
ClientSampleId :
E1CX6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024







TIC: BM045697.D\data.ms

(15) Phenanthrene

17.085min (+ 0.063) 0.80 ng/ul

response 2783

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.90	21.38
176.00	27.20	22.05
0.00	0.00	0.00

Quantitation Report (Qedit)

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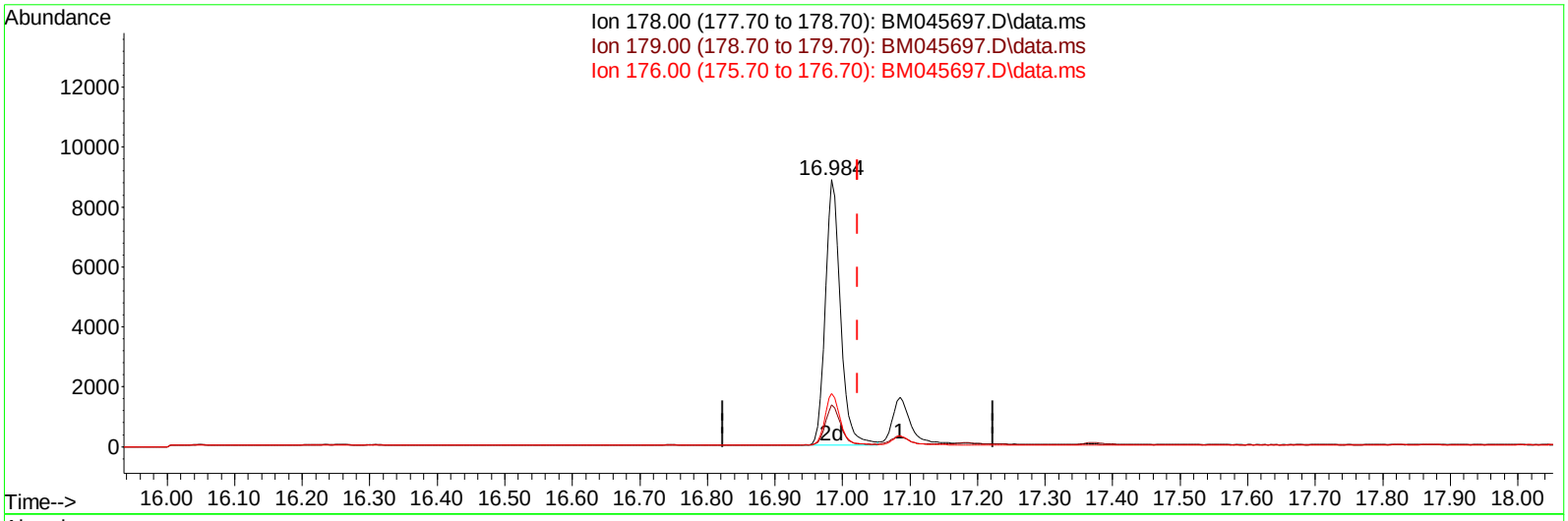

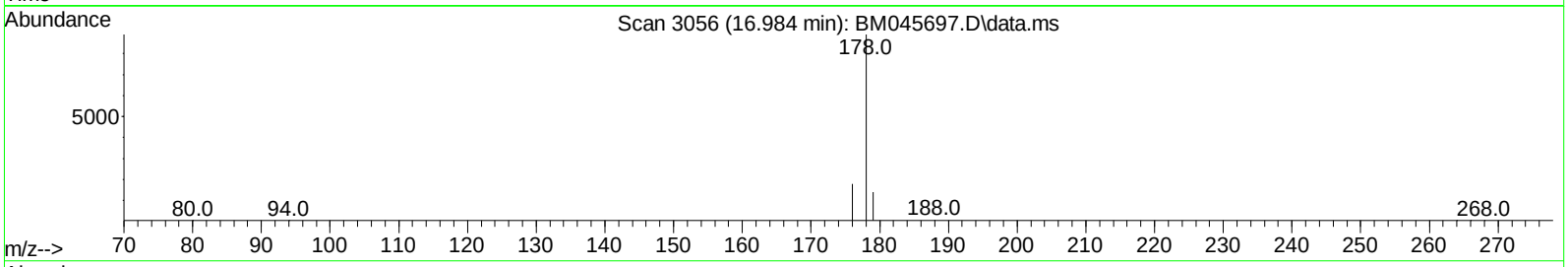

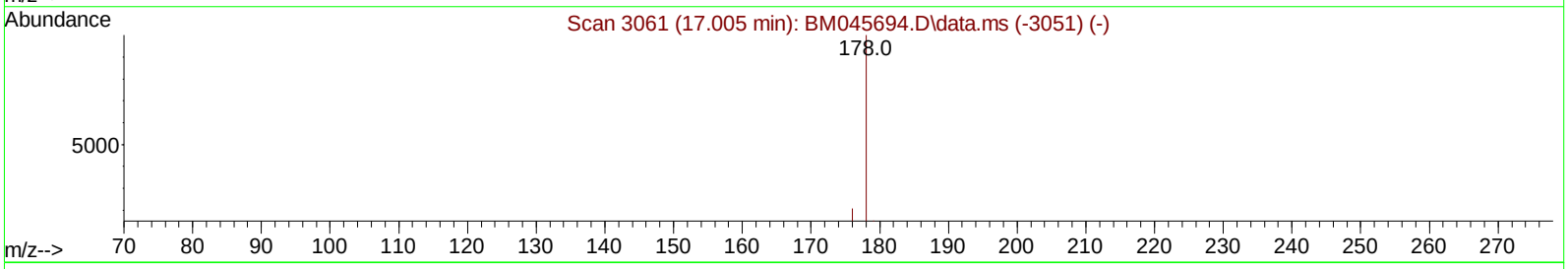

TIC: BM045697.D\data.ms

(15) Phenanthrene

16.984min (-0.039) 3.98 ng/ul m

response 13912

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.90	15.71#
176.00	27.20	20.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

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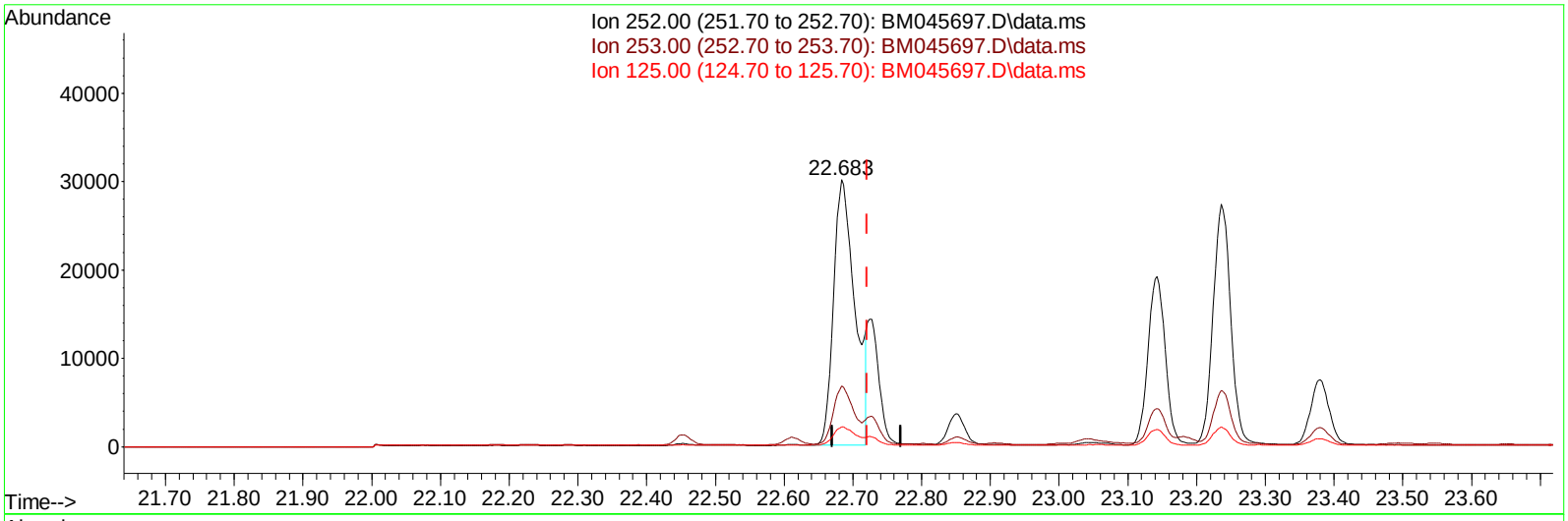

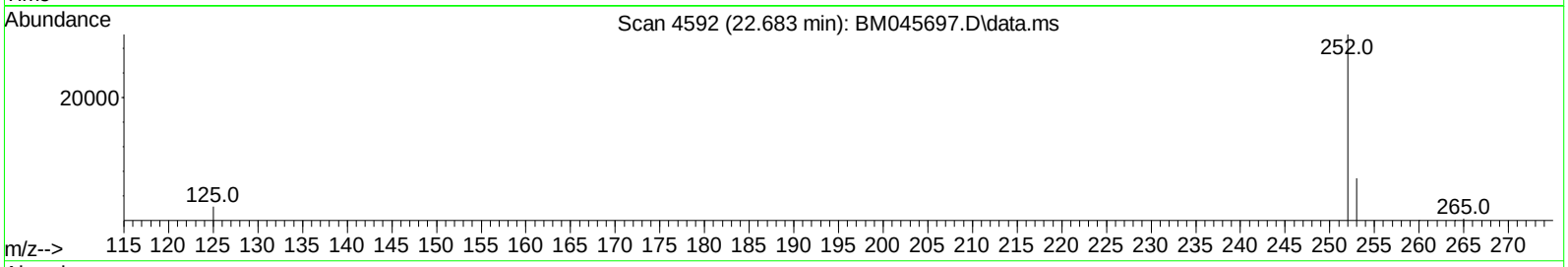

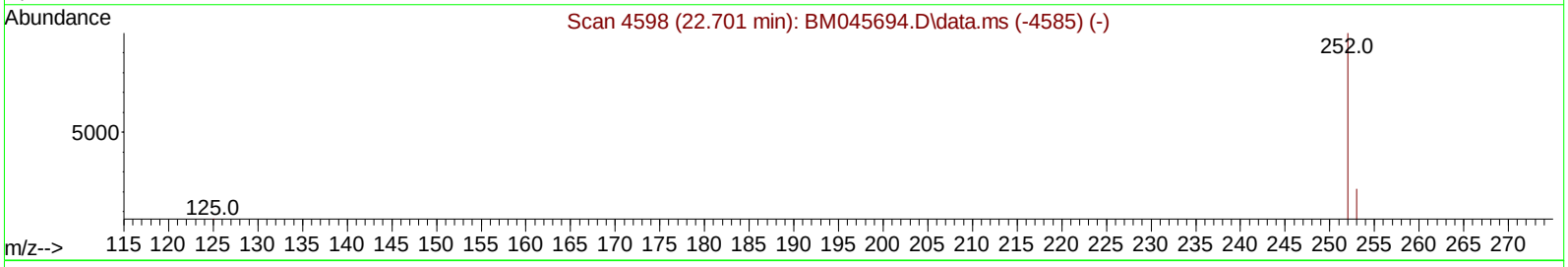

TIC: BM045697.D\data.ms

(24) Benzo(b)fluoranthene

22.683min (-0.037) 9.33 ng/ul

response 64678

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	33.60	22.85
125.00	14.00	7.56
0.00	0.00	0.00

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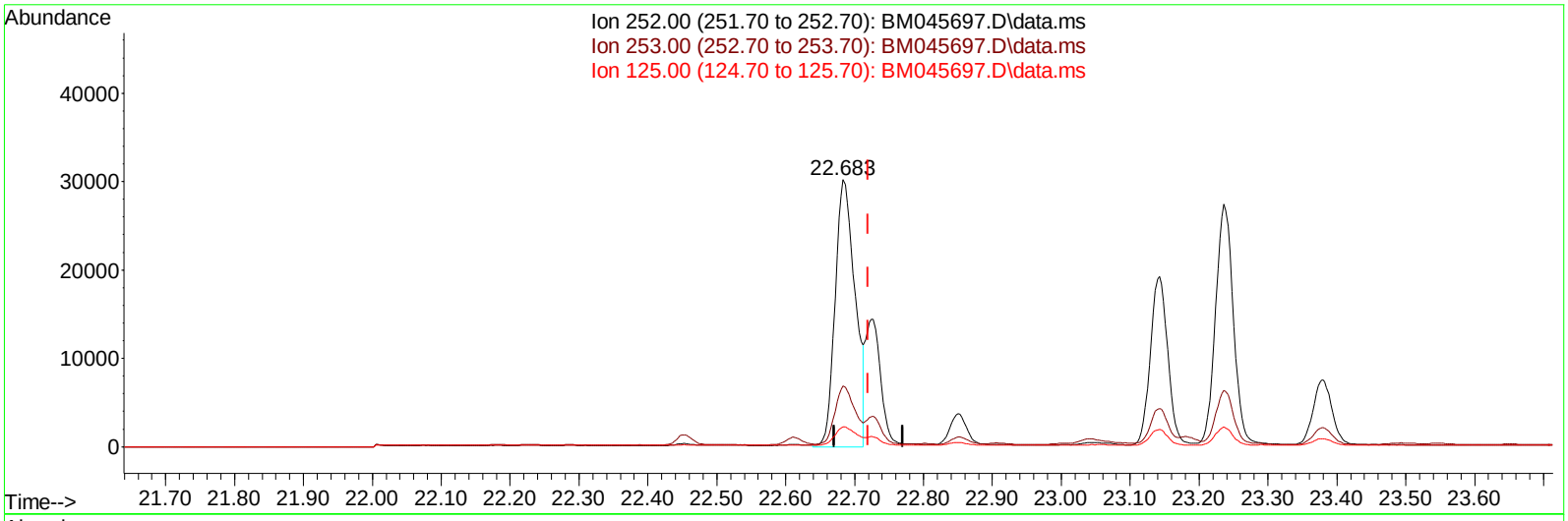

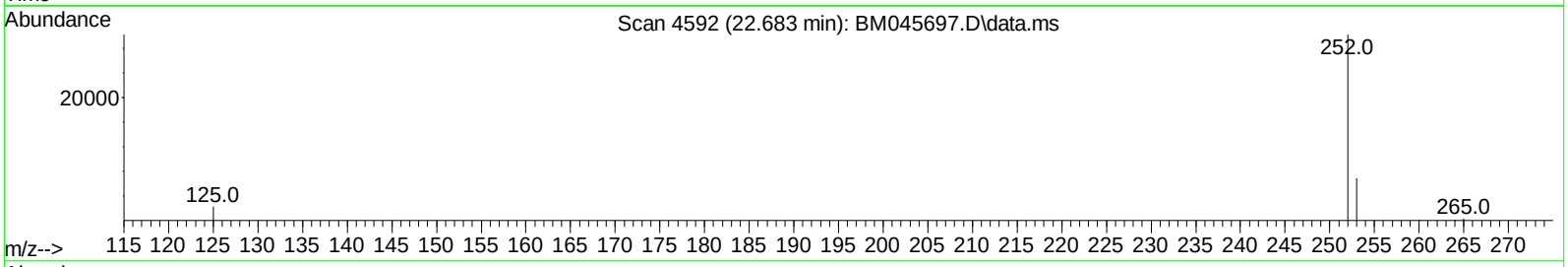

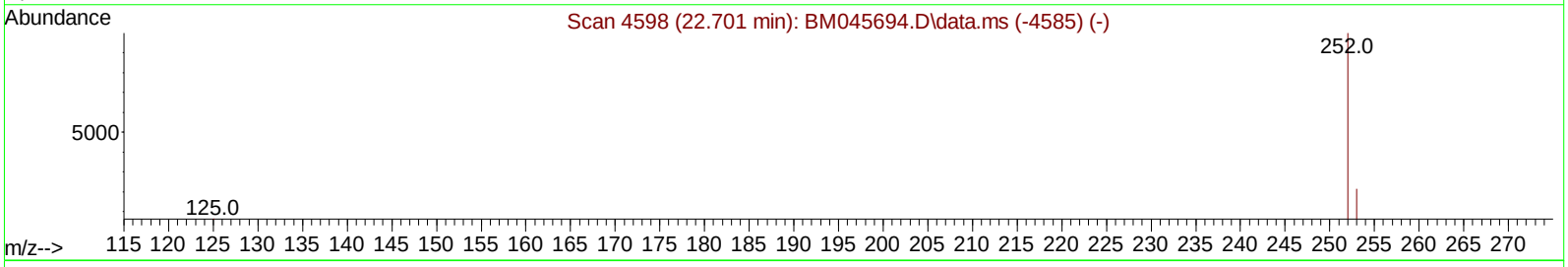

TIC: BM045697.D\data.ms

(24) Benzo(b)fluoranthene

22.683min (-0.037) 8.80 ng/ul m

response 61013

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	33.60	22.85
125.00	14.00	7.56
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM045697.D
Acq On : 03 May 2024 15:51
Operator : MA/JU
Sample : P2238-10MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 03 16:56:32 2024
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ClientSampleId :
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Manual IntegrationsAPPROVED

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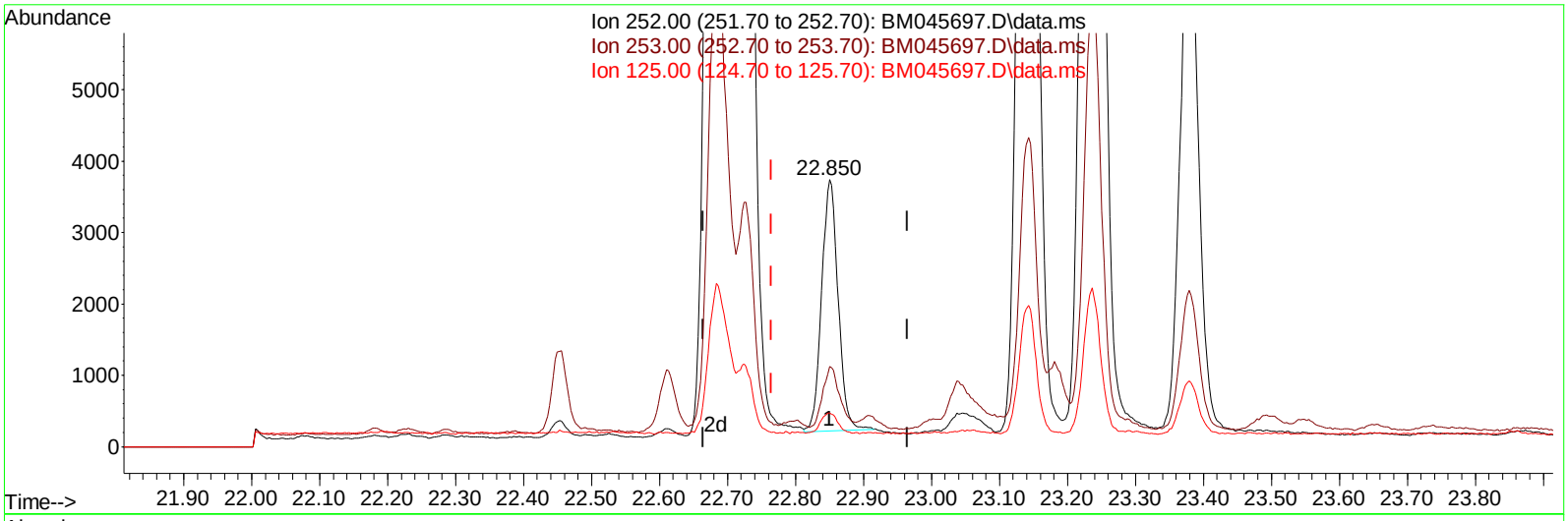

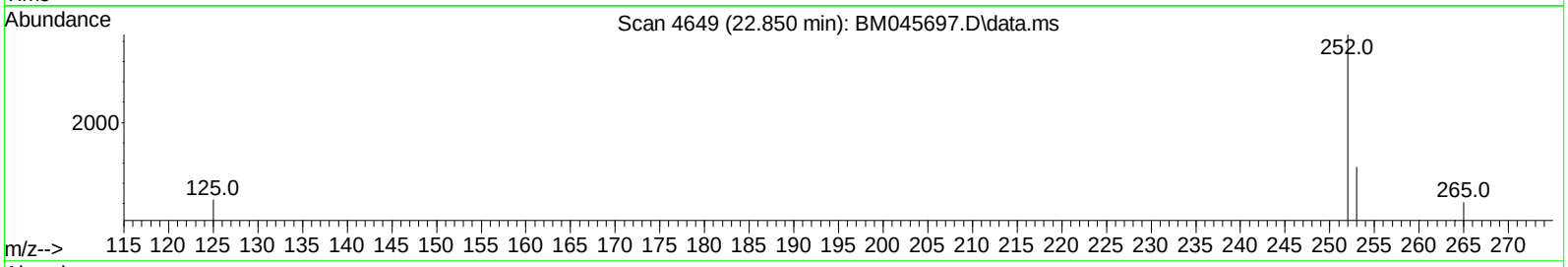

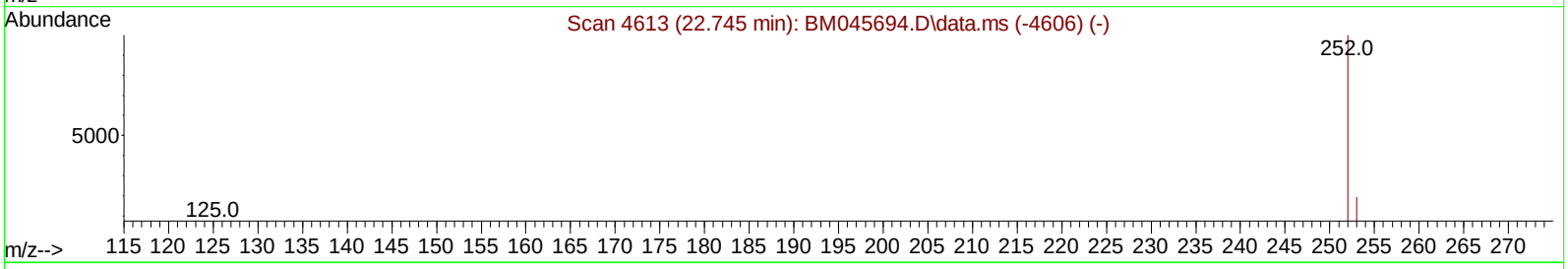

TIC: BM045697.D\data.ms

(25) Benzo(k)fluoranthene

22.850min (+ 0.086) 0.69 ng/ul

response 5922

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.70	29.99
125.00	14.90	12.63
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM045697.D
Acq On : 03 May 2024 15:51
Operator : MA/JU
Sample : P2238-10MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 03 16:56:32 2024
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Instrument :
BNA_M
ClientSampleId :
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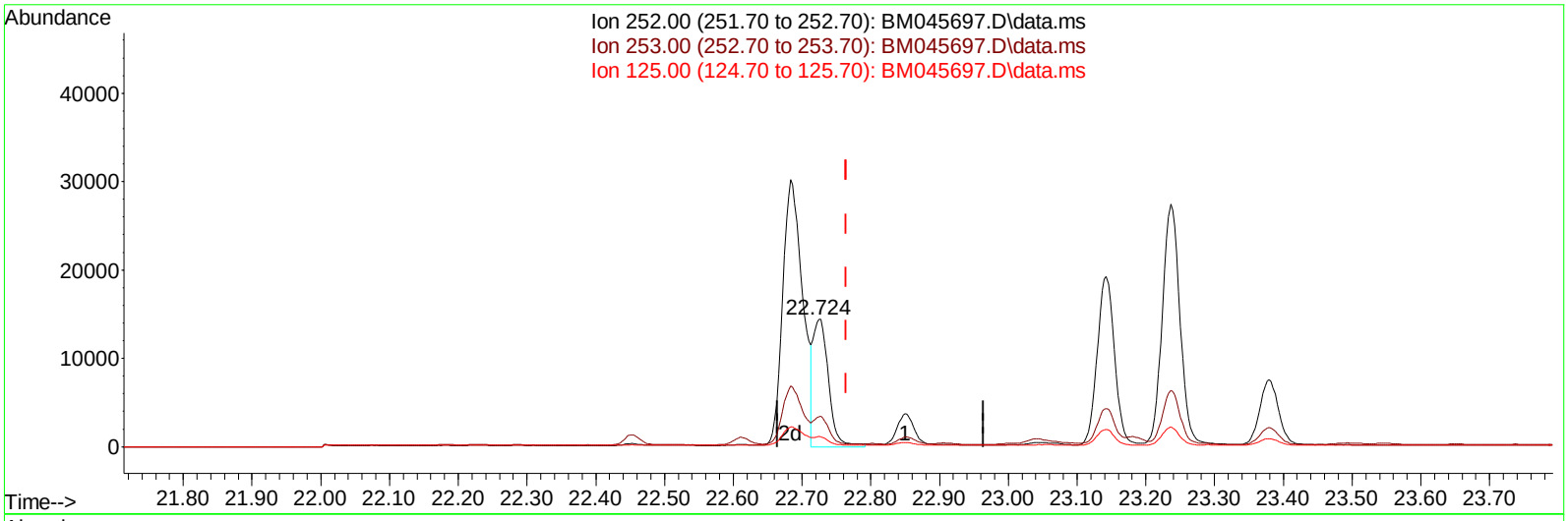
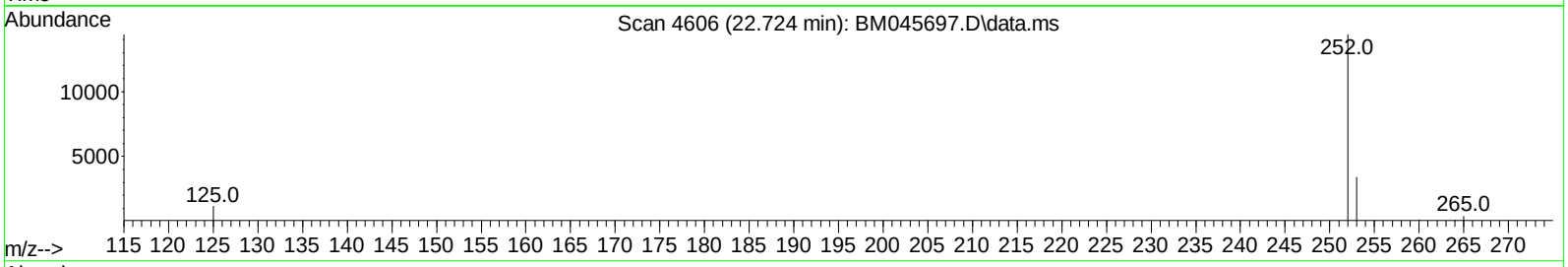
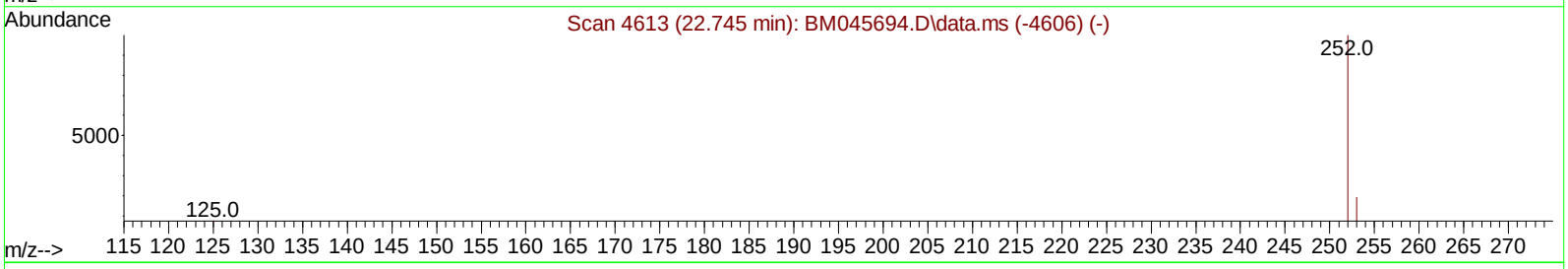
Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024







TIC: BM045697.D\data.ms

(25) Benzo(k)fluoranthene

22.724min (-0.040) 2.61 ng/ul m

response 22418

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.70	23.76#
125.00	14.90	8.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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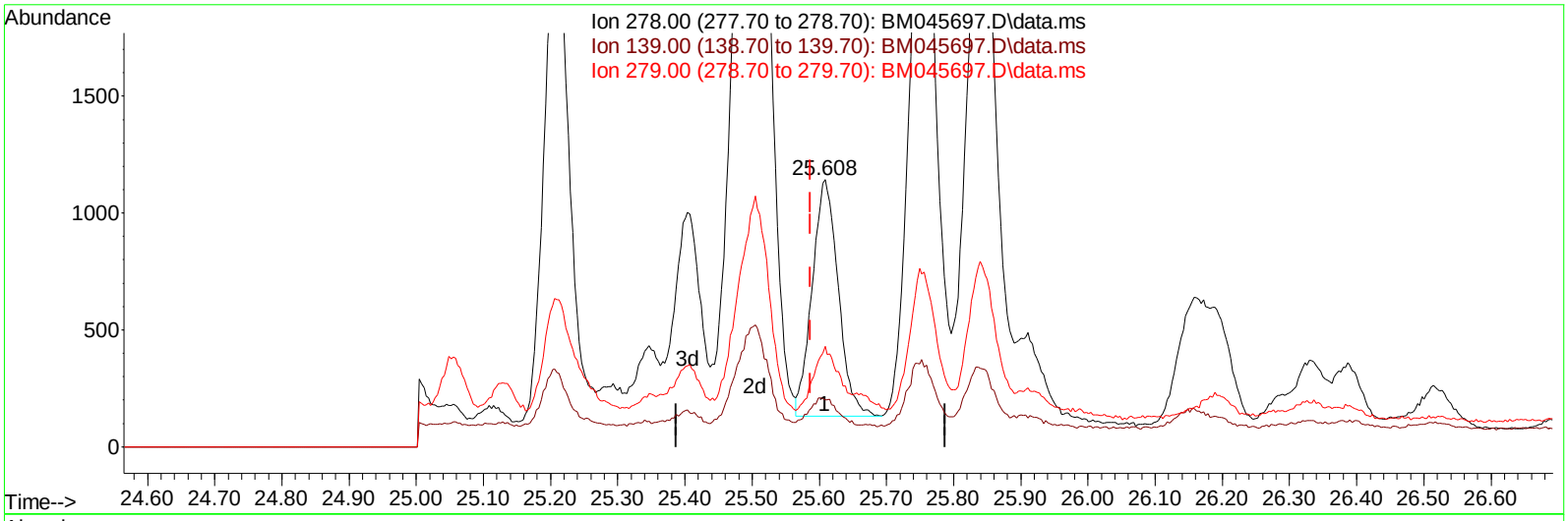

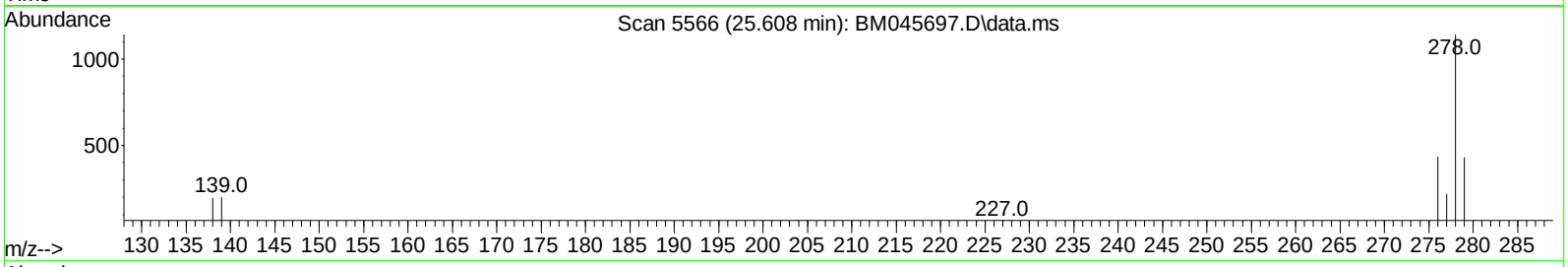

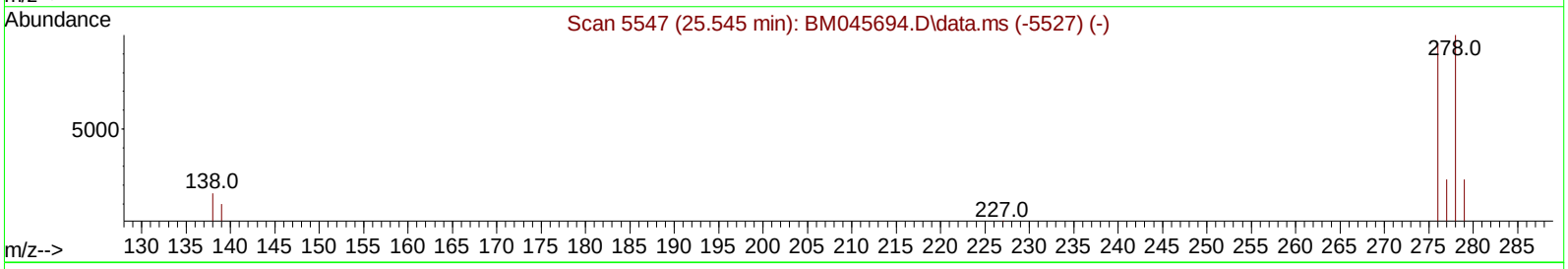

TIC: BM045697.D\data.ms

(28) Dibenzo(a,h)anthracene

25.608min (+ 0.021) 0.32 ng/ul

response 2722

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.10	17.69
279.00	39.80	37.74
0.00	0.00	0.00

Quantitation Report (Qedit)

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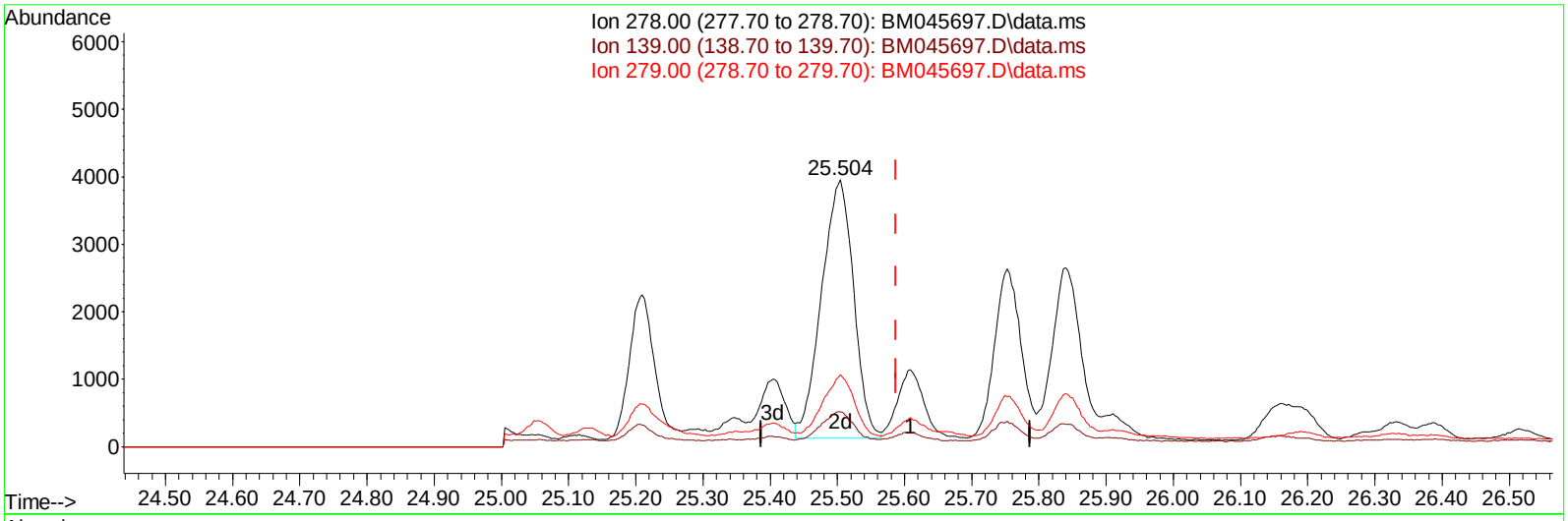

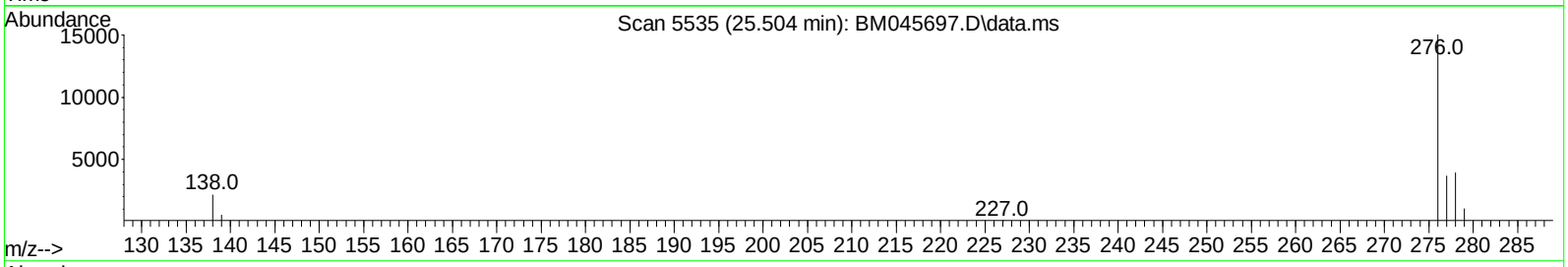

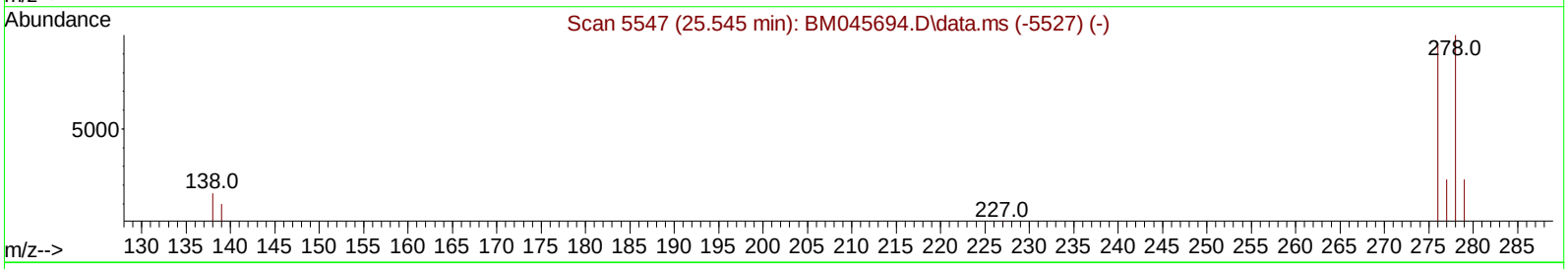

TIC: BM045697.D\data.ms

(28) Dibenzo(a,h)anthracene

25.504min (-0.083) 1.50 ng/ul m

response 12654

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.10	13.20#
279.00	39.80	27.10#
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	7.551	152	237	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.298	136	812	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.177	164	632	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.942	188	1406	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.158	240	1765	0.400	ng/ul	#-0.03
23) Perylene-d12	23.332	264	2488	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.150	96	129	0.481	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	295	0.230	ng/ul	-0.05
18) Fluoranthene-d10	18.982	212	976	0.220	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.180	88	252	0.906	ng/ul	89
5) Naphthalene	10.347	128	1217	0.588	ng/ul#	79
7) 2-Methylnaphthalene	11.975	142	692	0.553	ng/ul	98
8) 1-Methylnaphthalene	12.189	142	532	0.384	ng/ul	98
10) Acenaphthylene	13.900	152	875	0.330	ng/ul	95
11) Acenaphthene	14.242	153	1684	0.855	ng/ul	96
12) Fluorene	15.255	166	1317	0.577	ng/ul#	92
14) Pentachlorophenol	16.625	266	11	0.044	ng/ul#	58
15) Phenanthrene	16.984	178	13912m	3.984	ng/ul	
16) Anthracene	17.085	178	3207	0.946	ng/ul#	89
19) Fluoranthene	19.010	202	25089	4.473	ng/ul#	84
20) Pyrene	19.378	202	23121	3.876	ng/ul#	85
21) Benzo(a)anthracene	21.144	228	19838	3.851	ng/ul#	91
22) Chrysene	21.193	228	23610	3.238	ng/ul	93
24) Benzo(b)fluoranthene	22.683	252	61013m	8.804	ng/ul	
25) Benzo(k)fluoranthene	22.724	252	22418m	2.613	ng/ul	
26) Benzo(a)pyrene	23.236	252	48611	6.329	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.491	276	49186	4.649	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.504	278	12654m	1.496	ng/ul	
29) Benzo(g,h,i)perylene	26.152	276	55286	5.894	ng/ul#	83

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

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