Quantitation Report (Qedit)

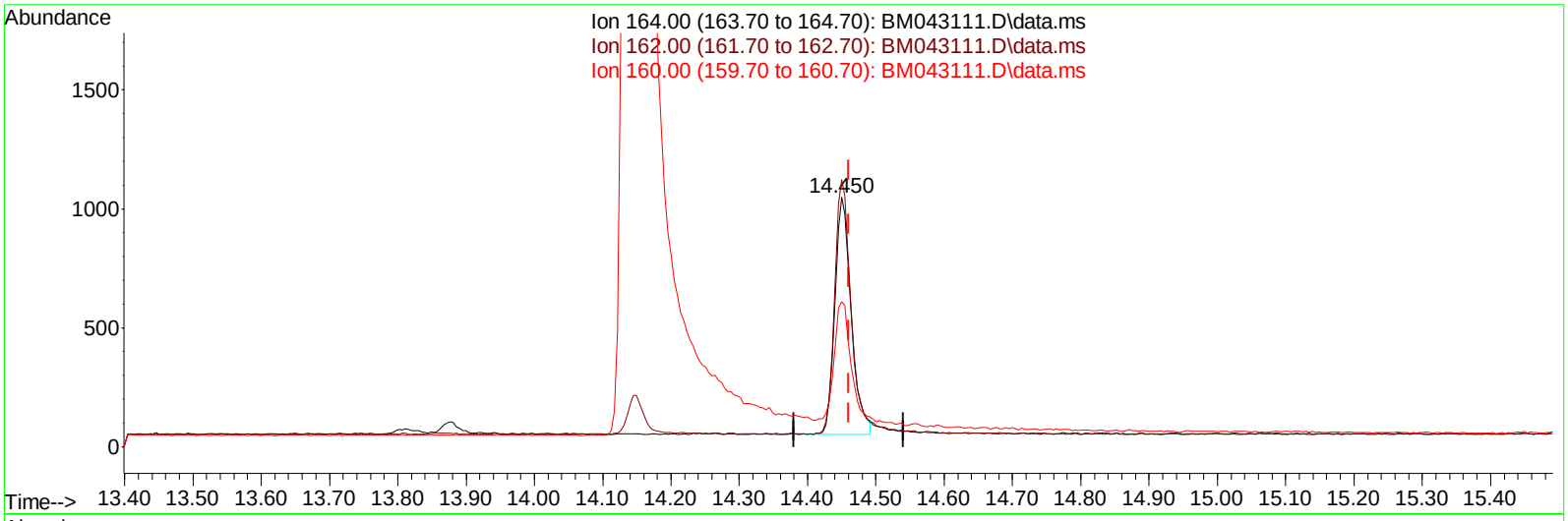
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043111.D
Acq On : 01 Dec 2023 07:33
Operator : MA/JU
Sample : 05459-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

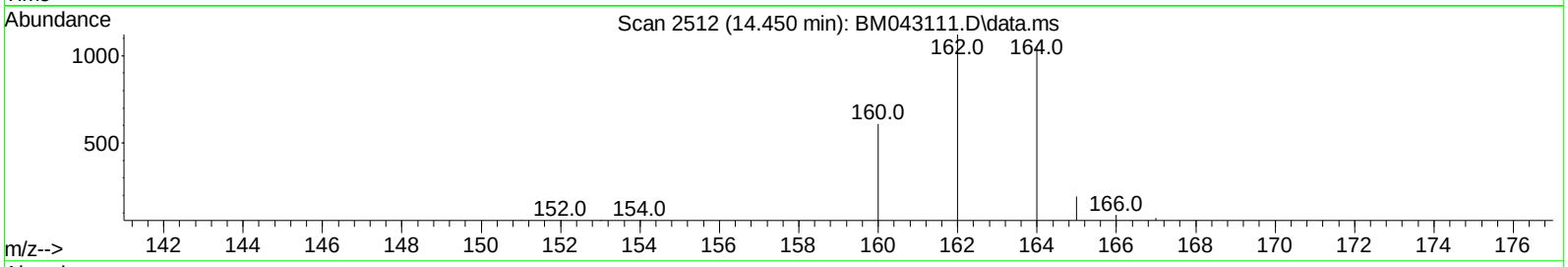
Quant Time: Dec 01 08:07:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

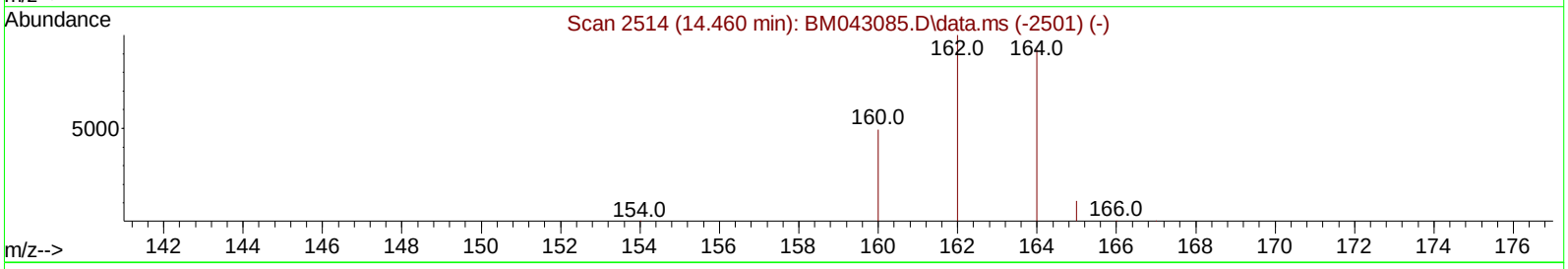
Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual IntegrationsAPPROVED

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







TIC: BM043111.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.010) 0.40 ng/ul

response 1653

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.06
160.00	57.20	58.11
0.00	0.00	0.00

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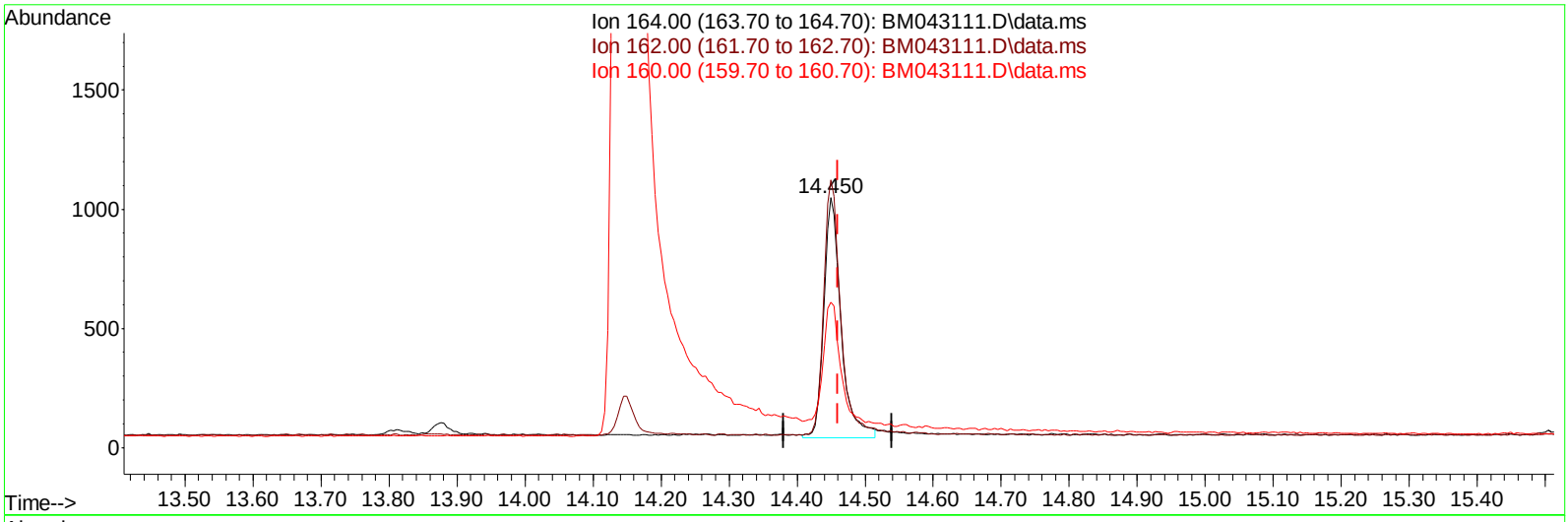

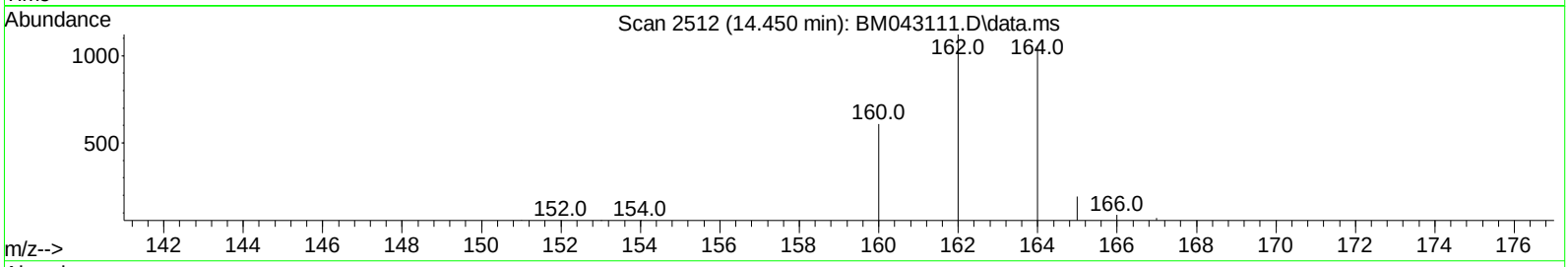

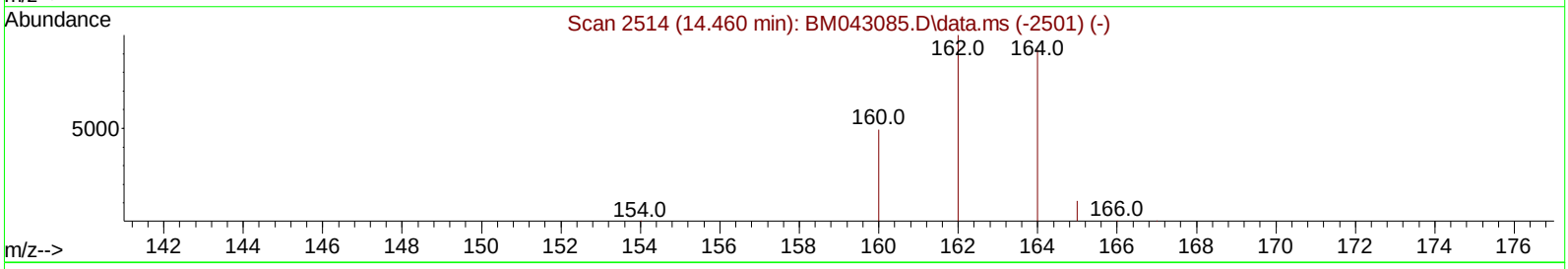

TIC: BM043111.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.010) 0.40 ng/ul m

response 1772

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.06
160.00	57.20	58.11
0.00	0.00	0.00

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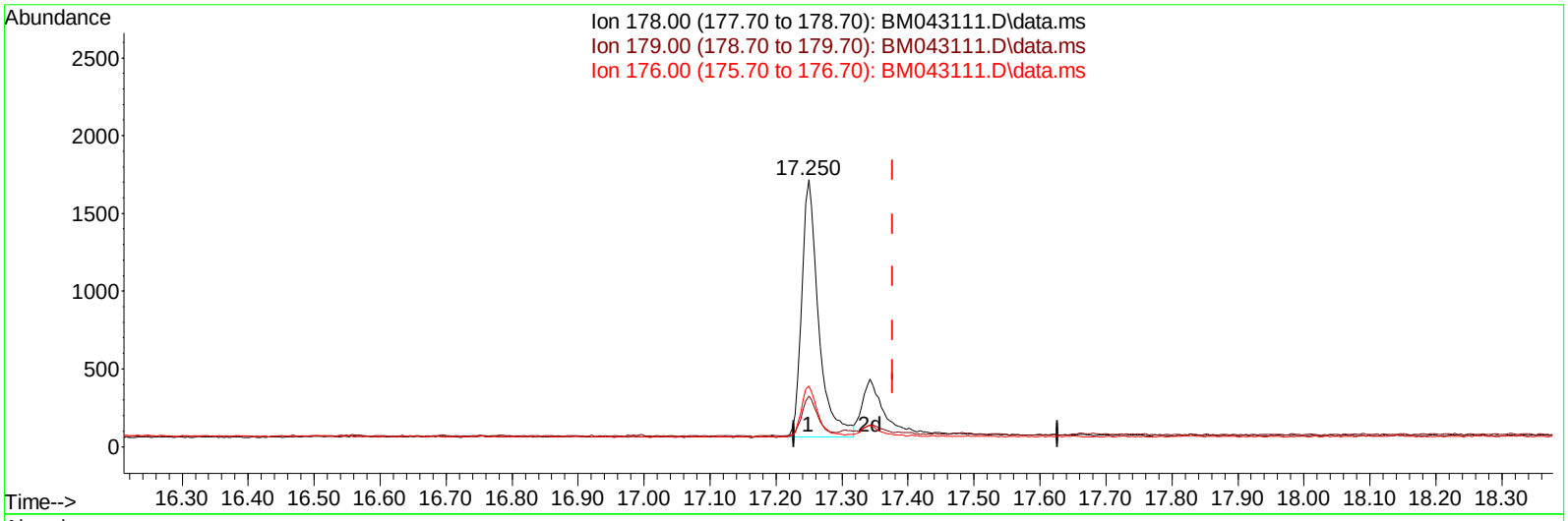

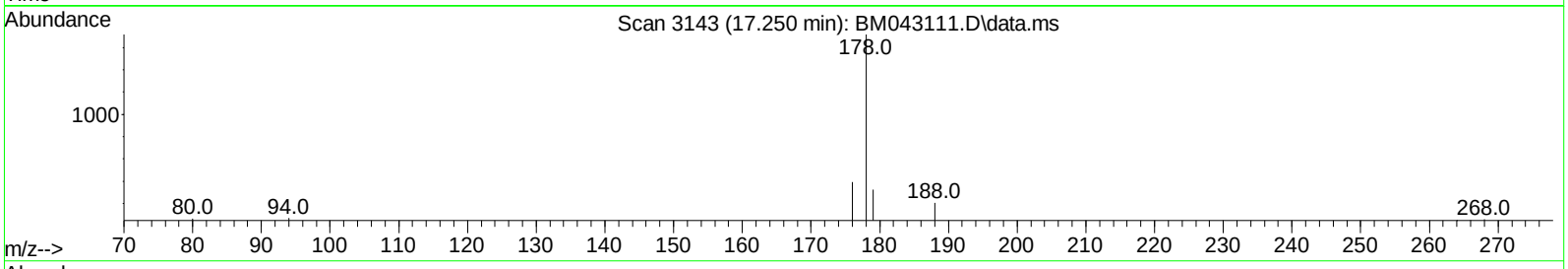

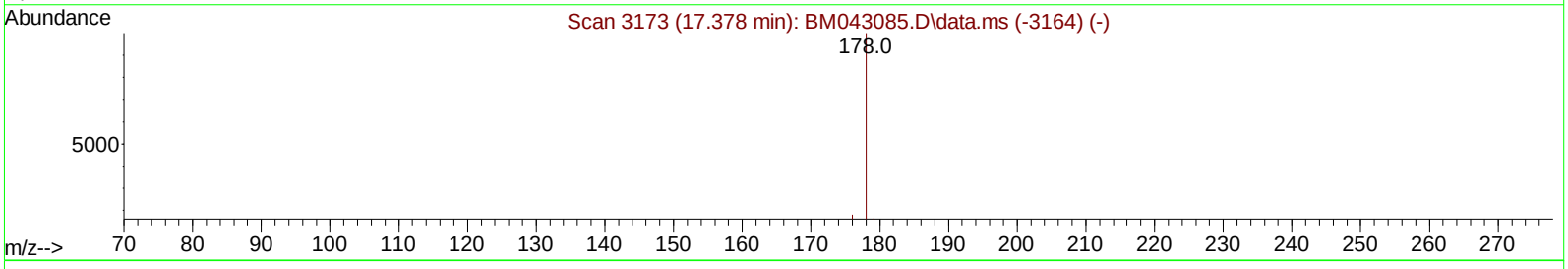

TIC: BM043111.D\data.ms

(16) Anthracene

17.250min (-0.128) 0.32 ng/ul

response 2919

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	19.06
176.00	25.60	22.79
0.00	0.00	0.00

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Instrument :
BNA_M
ClientSampleId :
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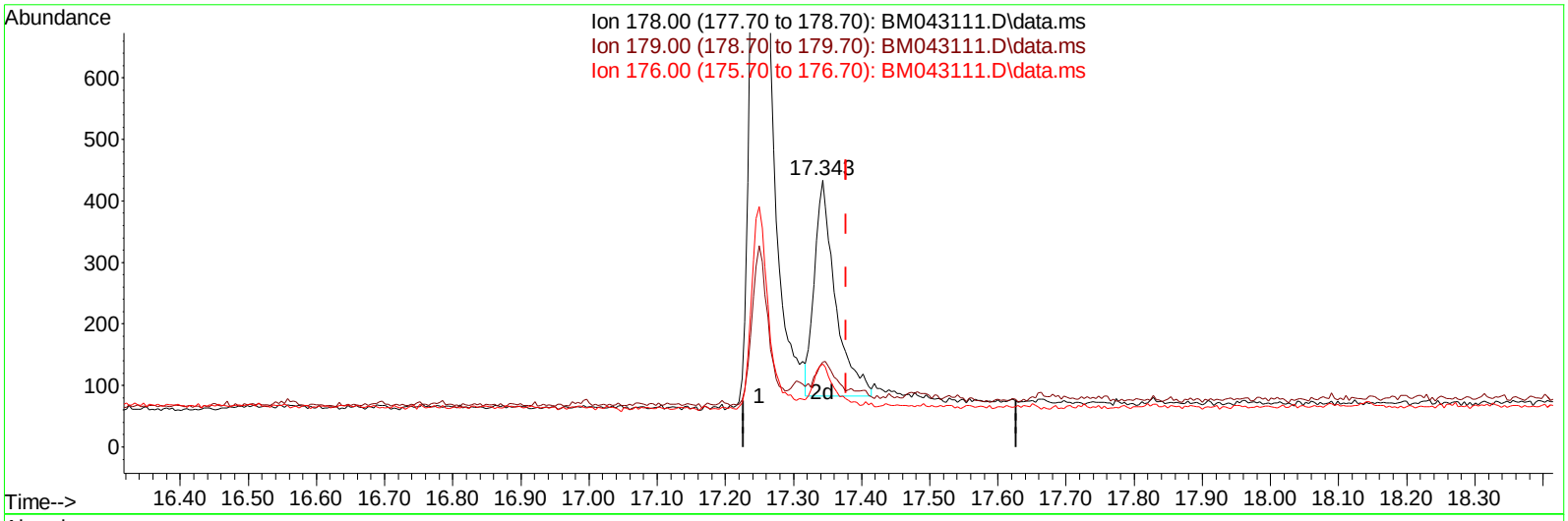

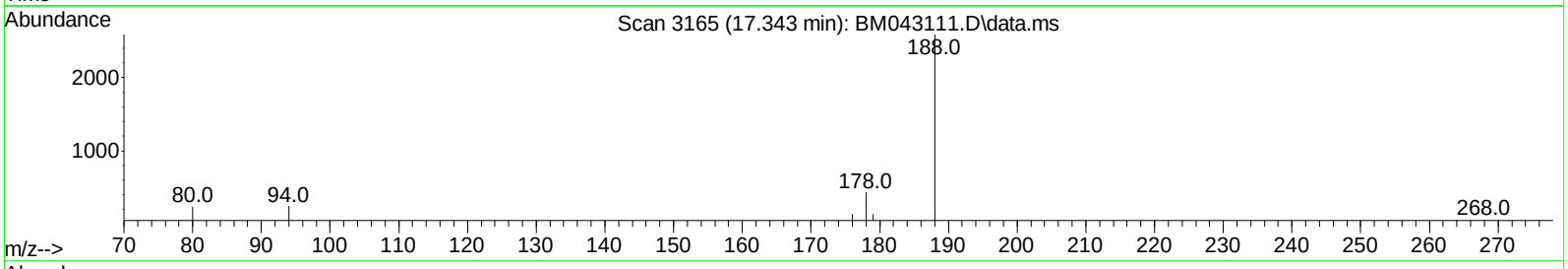

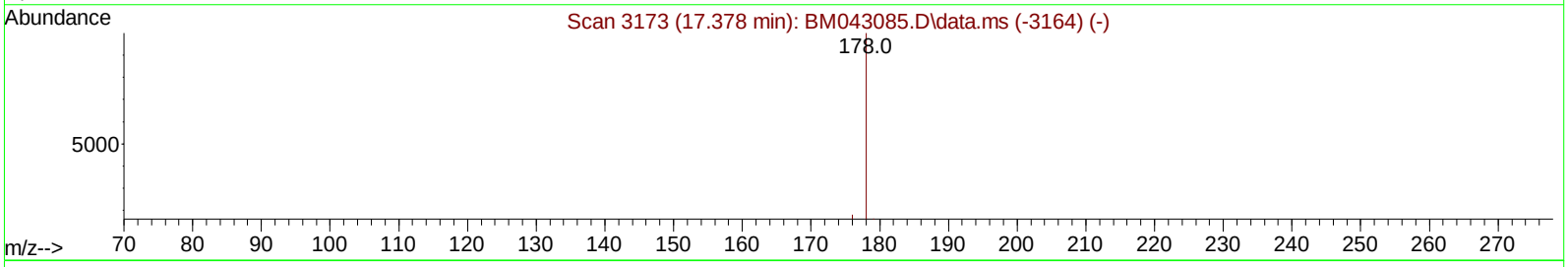

TIC: BM043111.D\data.ms

(16) Anthracene

17.343min (-0.035) 0.08 ng/ul m

response 747

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	31.80#
176.00	25.60	31.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM043111.D
Acq On : 01 Dec 2023 07:33
Operator : MA/JU
Sample : 05459-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 01 08:07:34 2023
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Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
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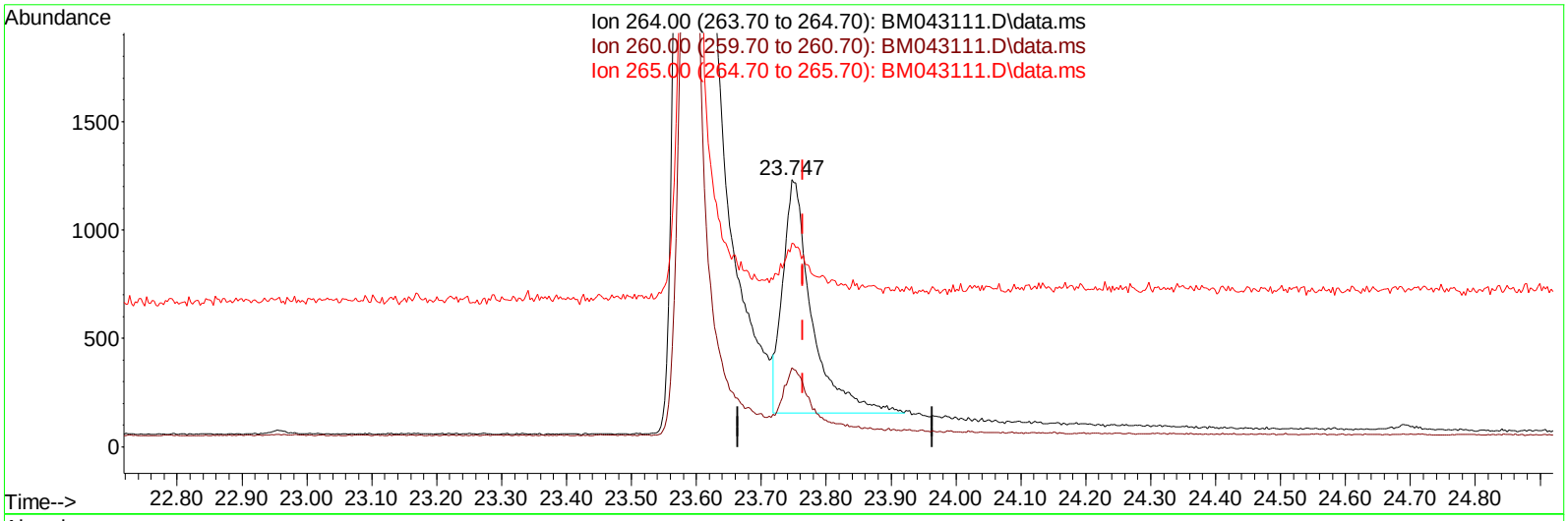

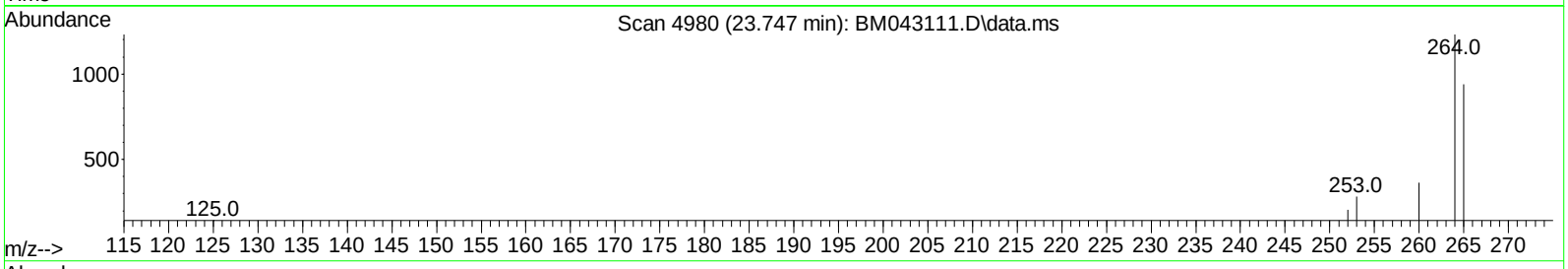

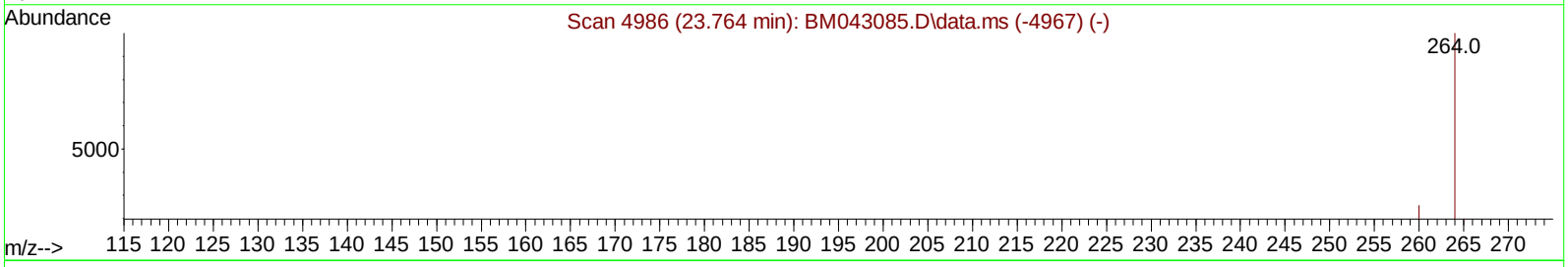

TIC: BM043111.D\data.ms

(23) Perylene-d12 (I)

23.747min (-0.017) 0.40 ng/ul

response 3337

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.57
265.00	120.30	76.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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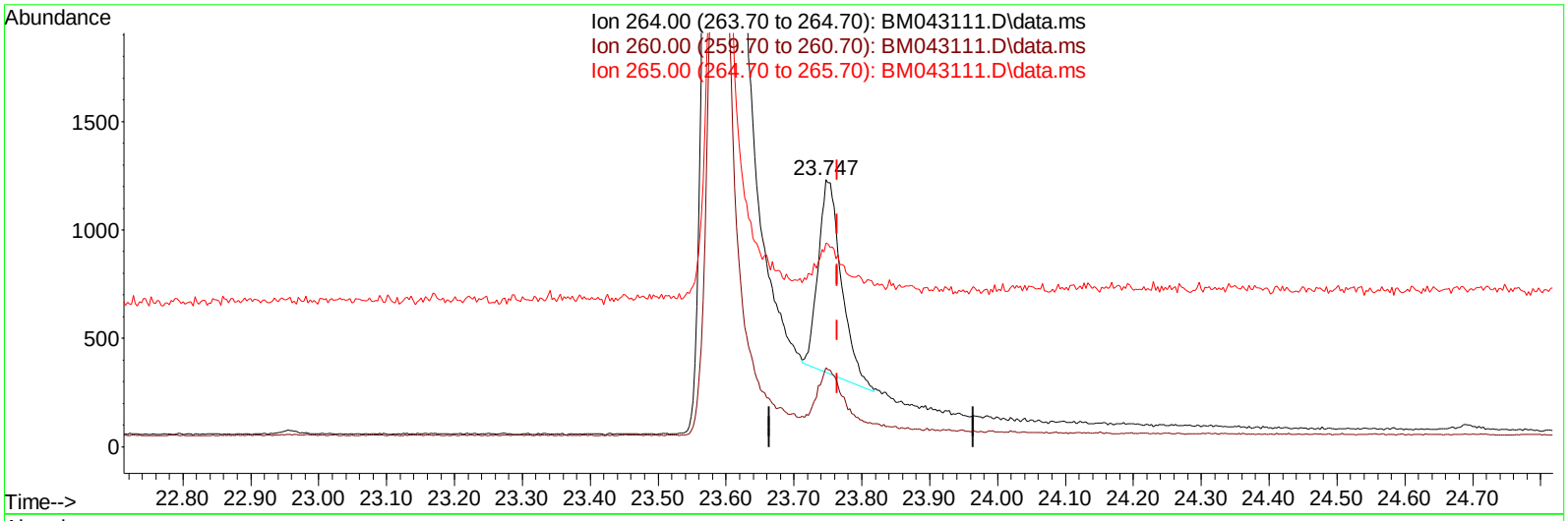

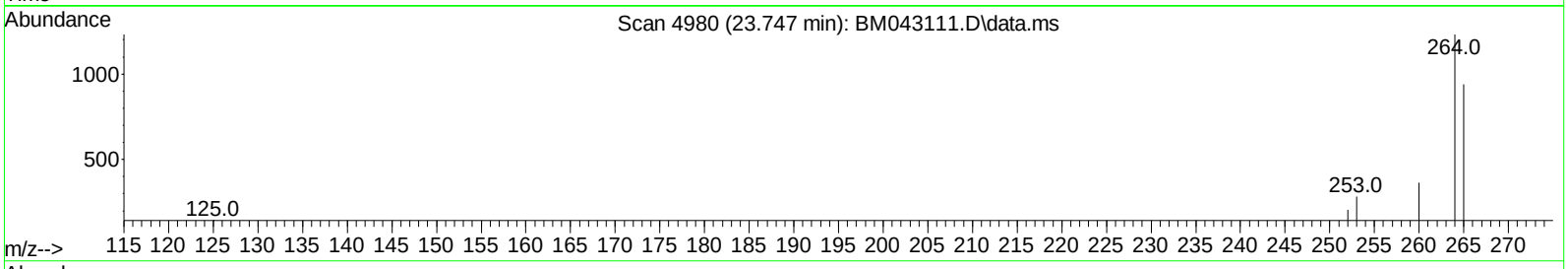

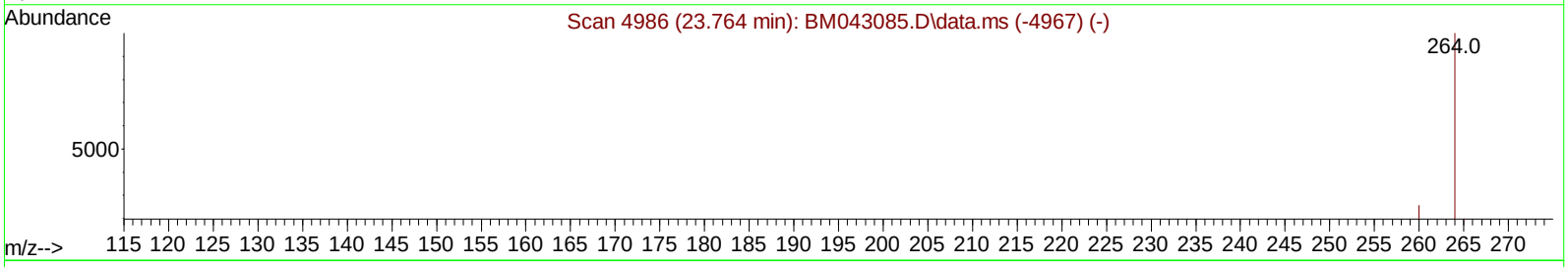

TIC: BM043111.D\data.ms

(23) Perylene-d12 (I)

23.747min (-0.017) 0.40 ng/ul m

response 2113

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.57
265.00	120.30	76.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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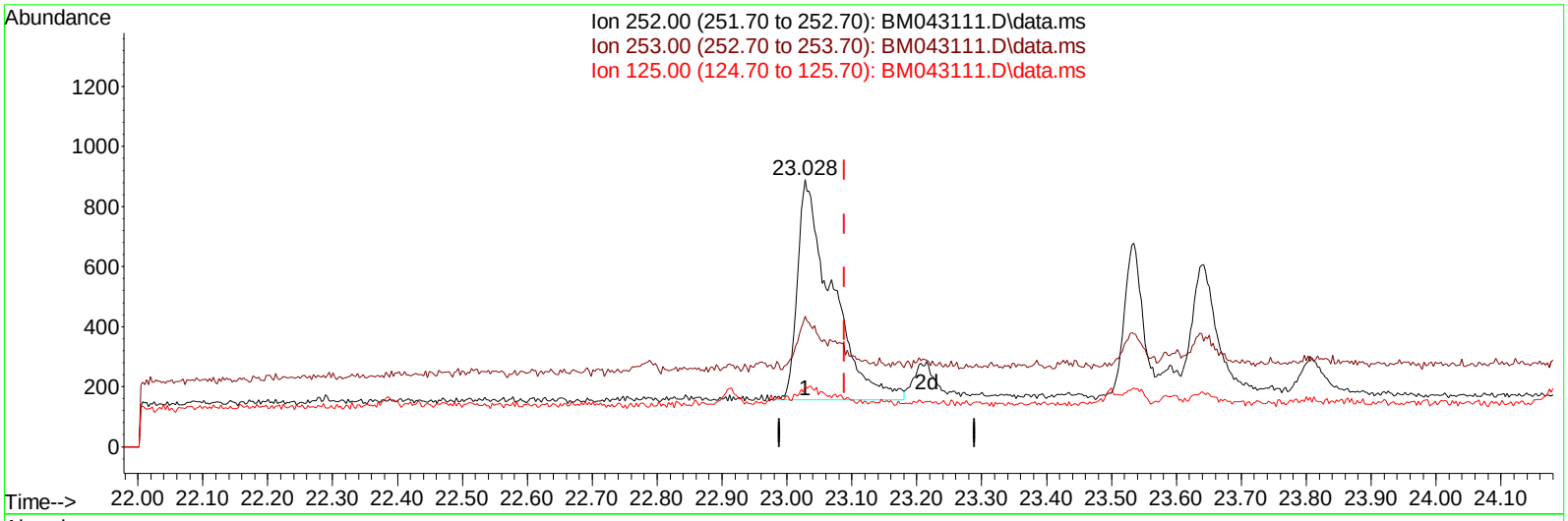

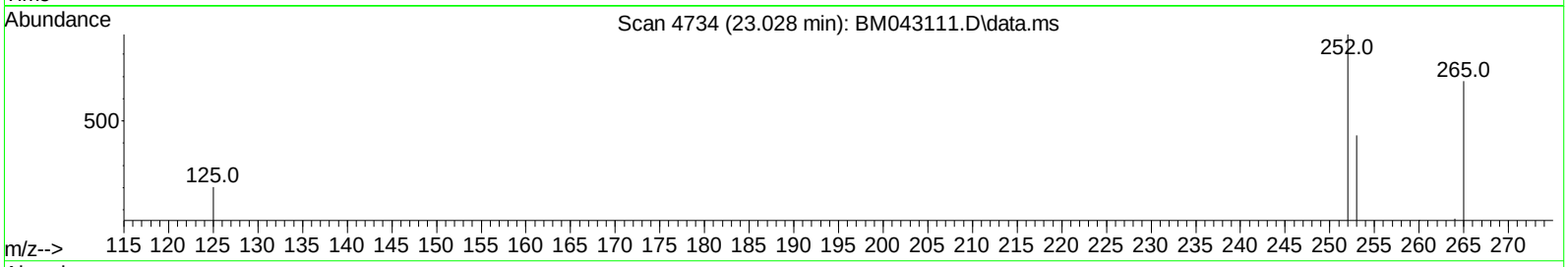

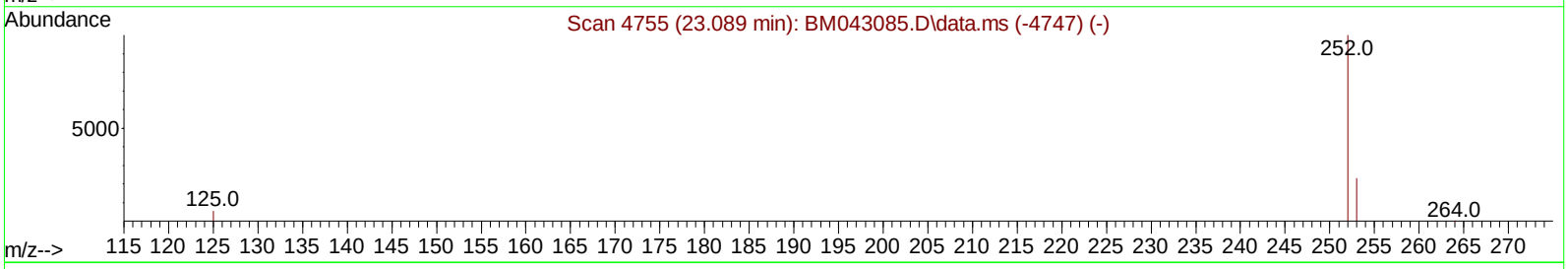

TIC: BM043111.D\data.ms

(25) Benzo(k)fluoranthene

23.028min (-0.061) 0.27 ng/ul

response 2696

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	48.93#
125.00	13.80	22.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

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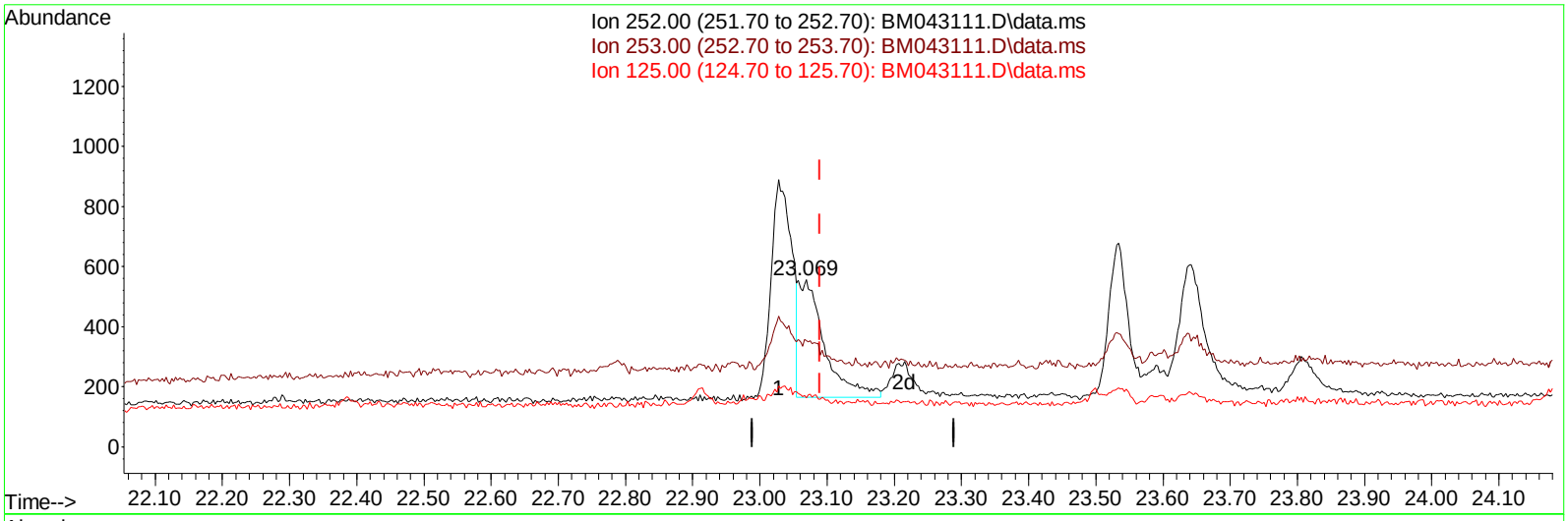

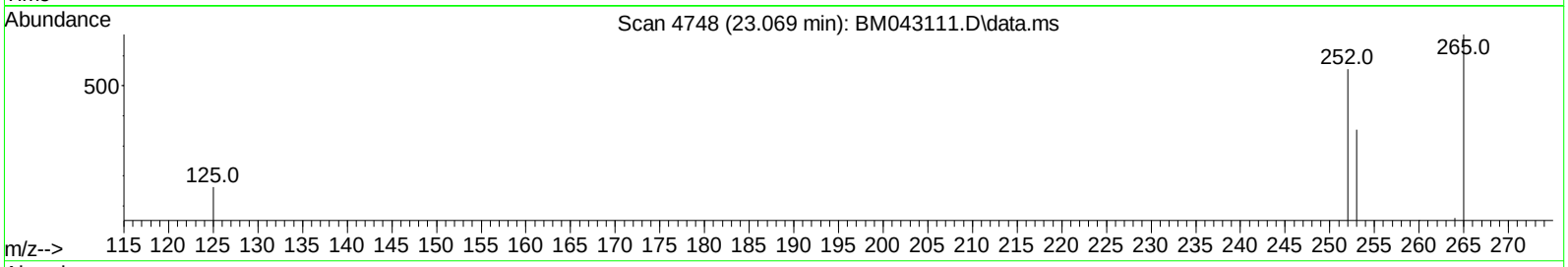

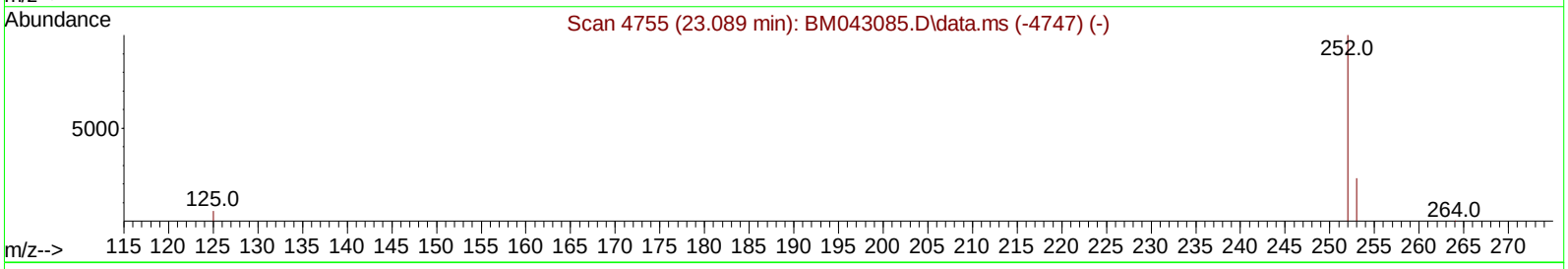

TIC: BM043111.D\data.ms

(25) Benzo(k)fluoranthene

23.069min (-0.020) 0.11 ng/ul m

response 1054

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	63.49#
125.00	13.80	29.14#
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	7.809	152	1001	0.400 ng/ul	#-0.05
4) Naphthalene-d8	10.611	136	3067	0.400 ng/ul	#-0.02
9) Acenaphthene-d10	14.450	164	1772m	0.400 ng/ul	-0.01
13) Phenanthrene-d10	17.207	188	3369	0.400 ng/ul	-0.02
17) Chrysene-d12	21.406	240	2189	0.400 ng/ul	0.00
23) Perylene-d12	23.747	264	2113m	0.400 ng/ul	-0.02
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.160	96	1064	0.693 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	713	0.174 ng/ul	-0.01
18) Fluoranthene-d10	19.238	212	1556	0.195 ng/ul	-0.01
Target Compounds					Qvalue
5) Naphthalene	10.660	128	303	0.036 ng/ul#	58
7) 2-Methylnaphthalene	12.305	142	212	0.043 ng/ul	85
8) 1-Methylnaphthalene	12.508	142	187	0.034 ng/ul	89
12) Fluorene	15.505	166	215	0.031 ng/ul#	89
15) Phenanthrene	17.250	178	2926	0.304 ng/ul	99
16) Anthracene	17.343	178	747m	0.082 ng/ul	
19) Fluoranthene	19.270	202	4008	0.323 ng/ul	97
20) Pyrene	19.633	202	3272	0.248 ng/ul	98
21) Benzo(a)anthracene	21.392	228	1539	0.217 ng/ul	95
22) Chrysene	21.441	228	1597	0.121 ng/ul	94
24) Benzo(b)fluoranthene	23.028	252	1582	0.222 ng/ul	78
25) Benzo(k)fluoranthene	23.069	252	1054m	0.107 ng/ul	
26) Benzo(a)pyrene	23.642	252	1055	0.136 ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.232	276	920	0.087 ng/ul#	100
29) Benzo(g,h,i)perylene	26.993	276	634	0.062 ng/ul#	63

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

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