Quantitation Report (Qedit)

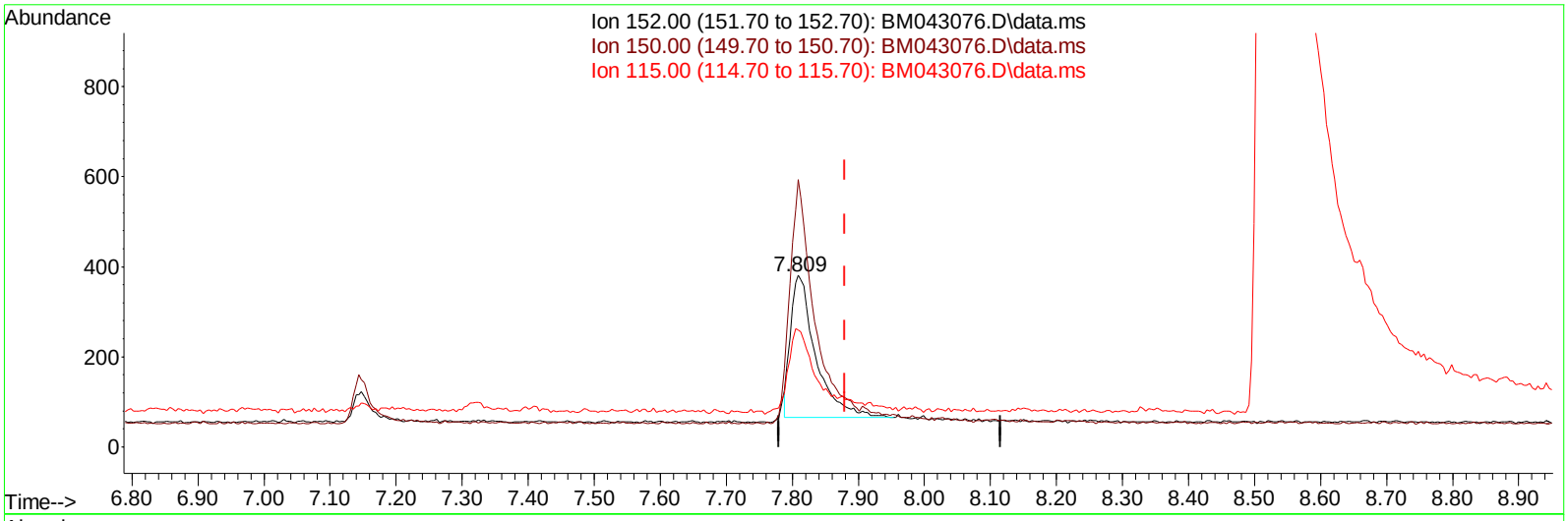
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043076.D
Acq On : 28 Nov 2023 17:44
Operator : MA/JU
Sample : 05416-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

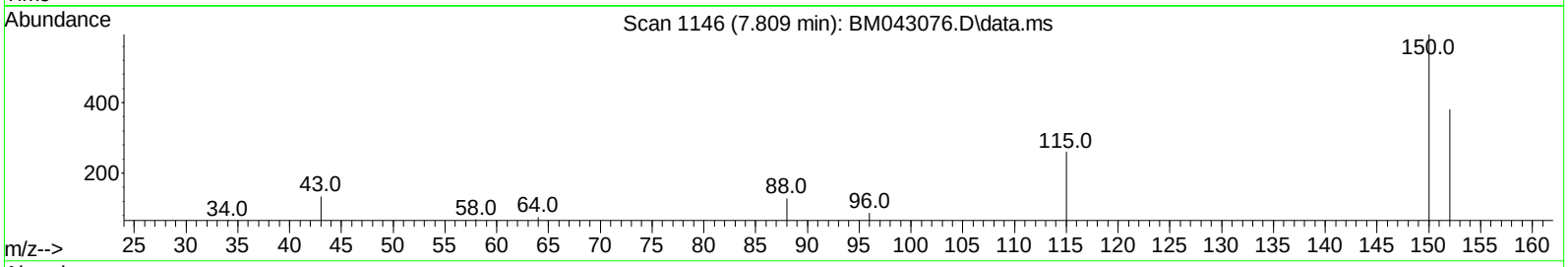
Quant Time: Nov 28 23:39:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

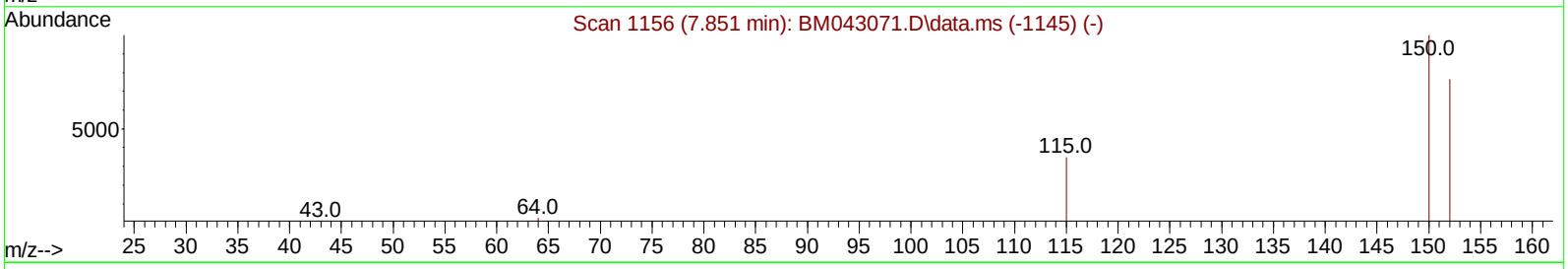
Instrument :
BNA_M
ClientSampleId :
C0AH6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023







TIC: BM043076.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.809min (-0.071) 0.40 ng/ul

response 827

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	155.64#
115.00	89.60	68.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

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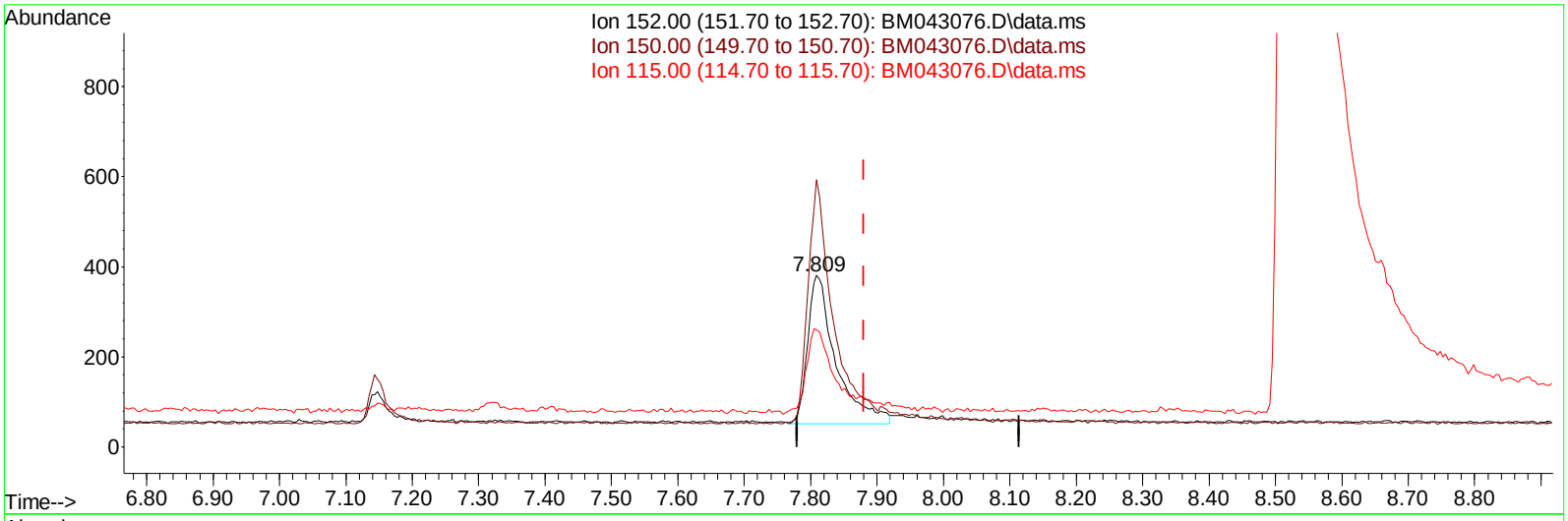

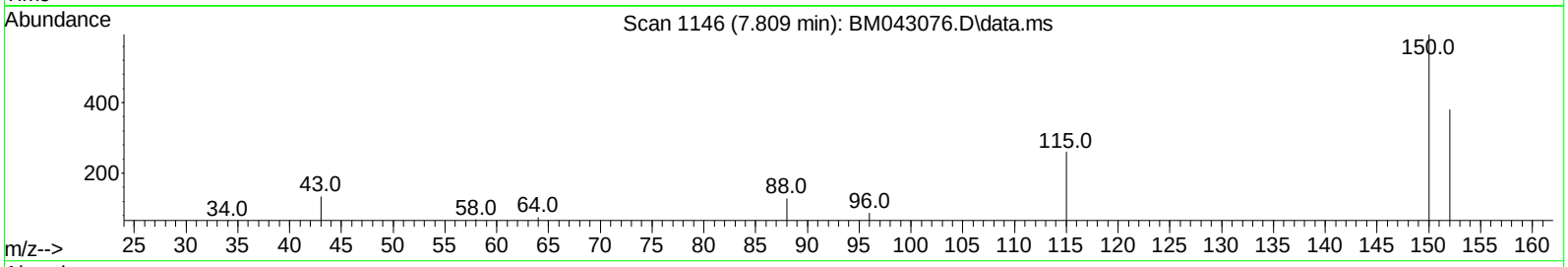

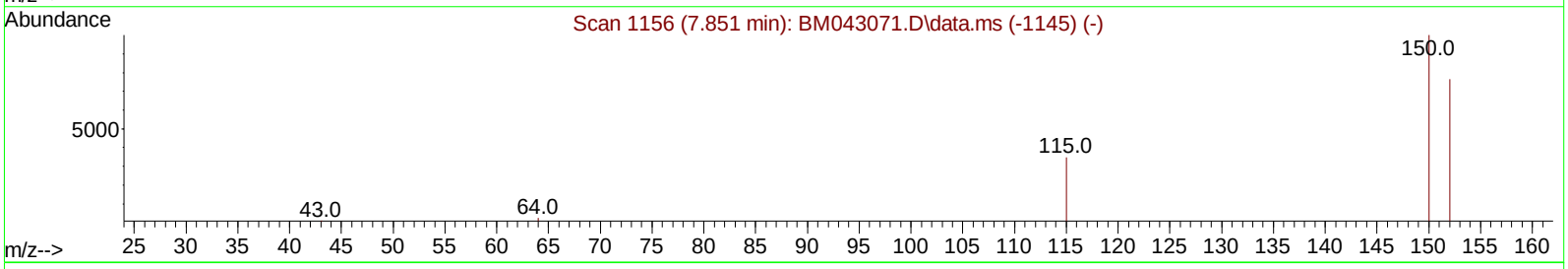

TIC: BM043076.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.809min (-0.071) 0.40 ng/ul m

response 976

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	155.64#
115.00	89.60	68.24#
0.00	0.00	0.00

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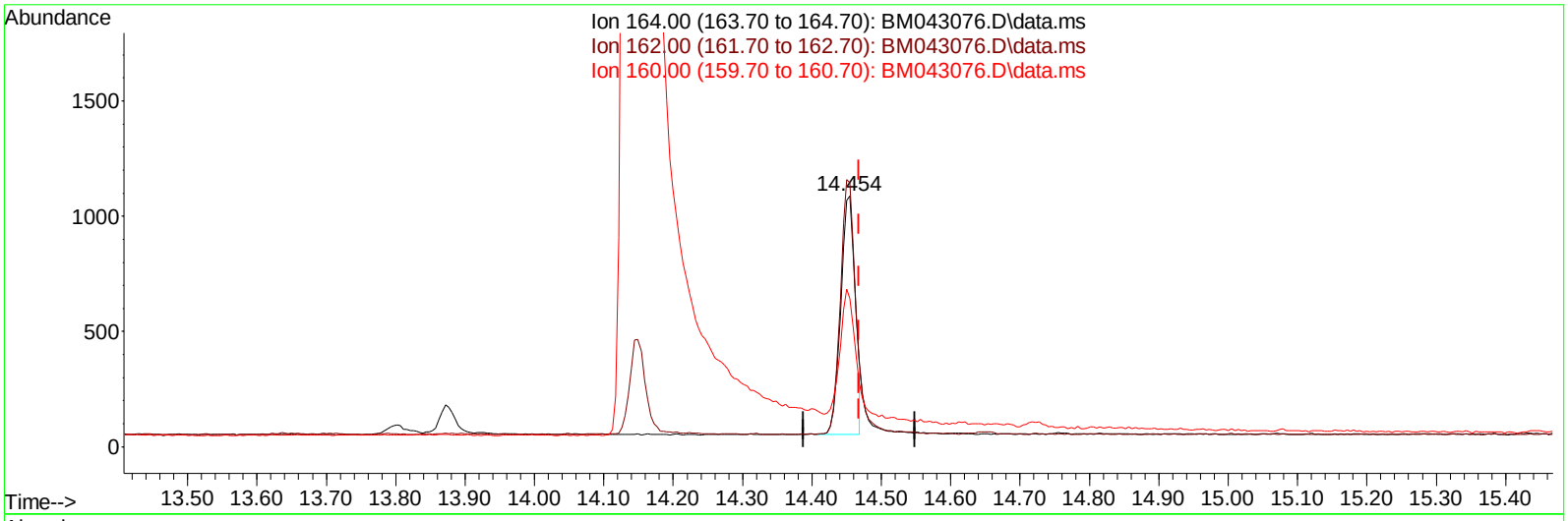

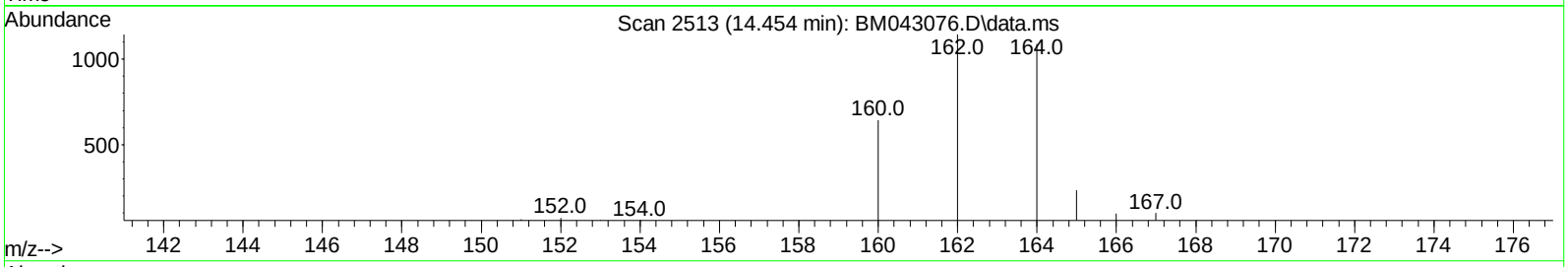

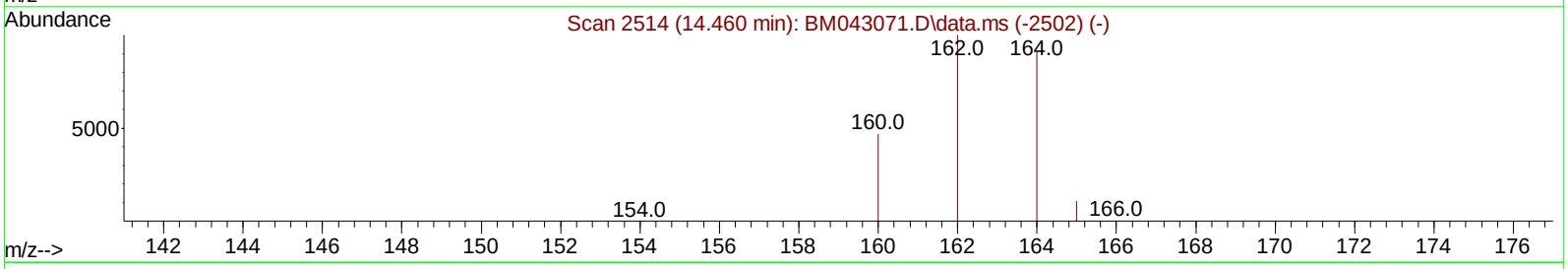

TIC: BM043076.D\data.ms

(9) Acenaphthene-d10 (I)

14.454min (-0.014) 0.40 ng/ul

response 1507

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.15
160.00	57.20	59.19
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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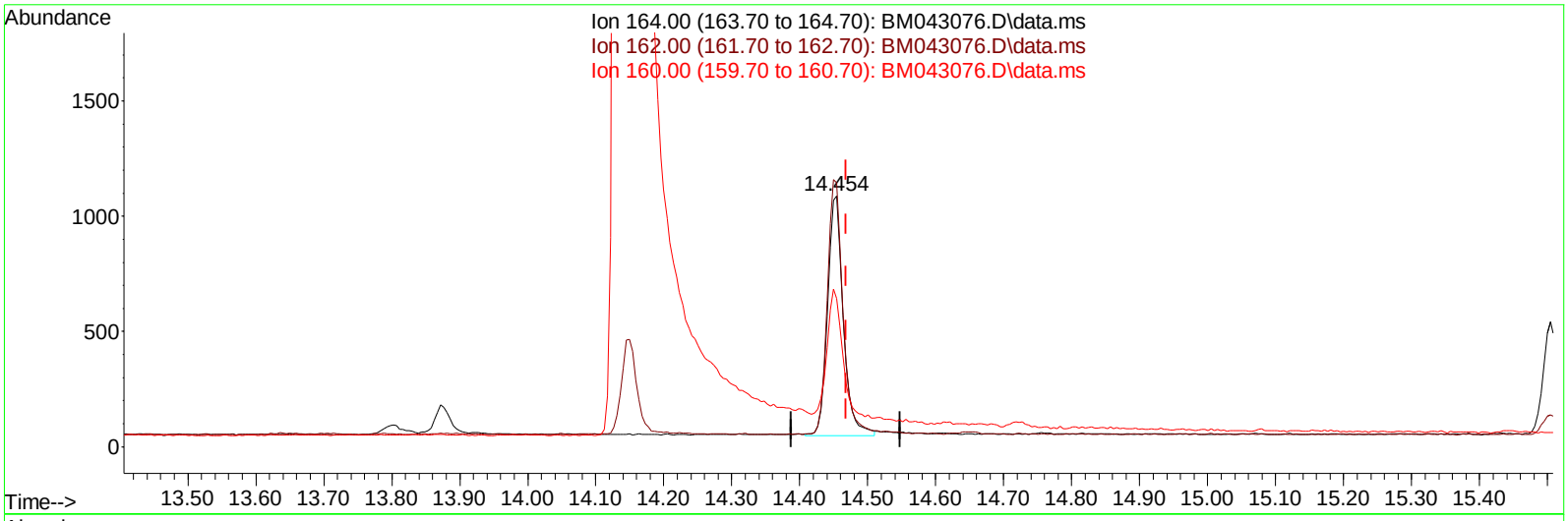

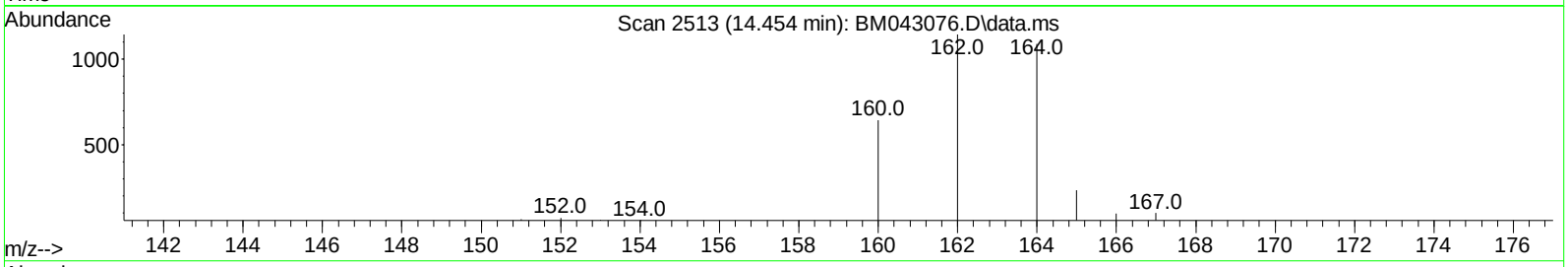

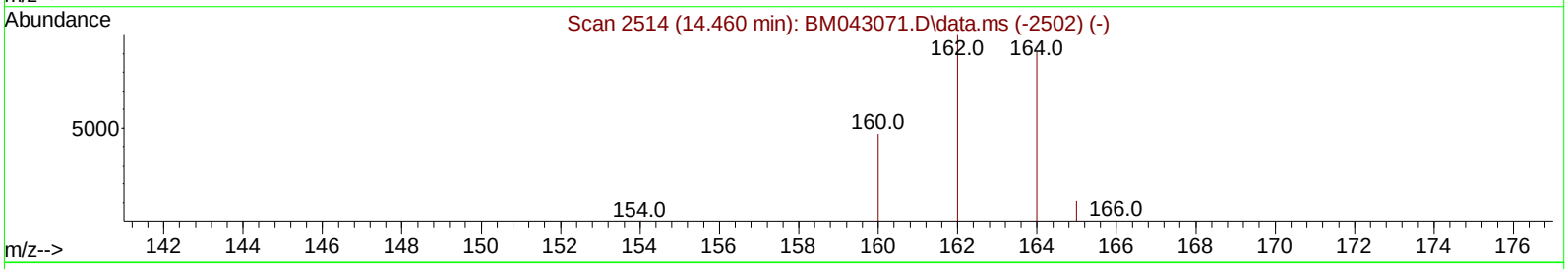

TIC: BM043076.D\data.ms

(9) Acenaphthene-d10 (I)

14.454min (-0.014) 0.40 ng/ul m

response 1662

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.15
160.00	57.20	59.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
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Operator : MA/JU
Sample : 05416-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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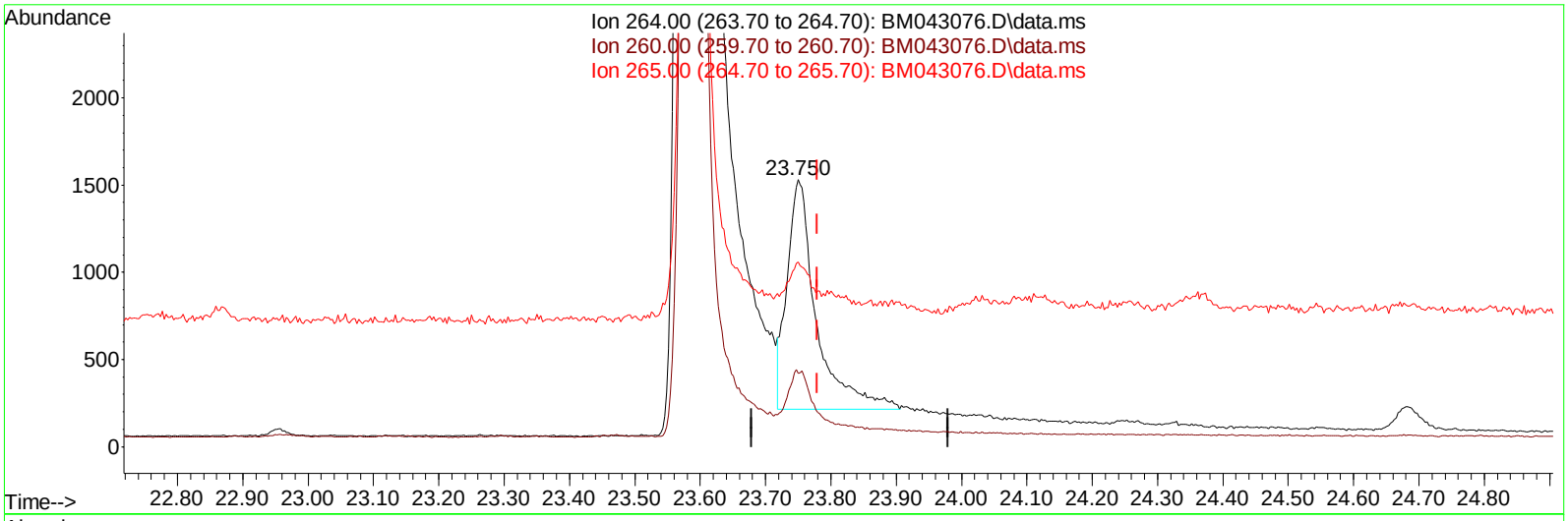

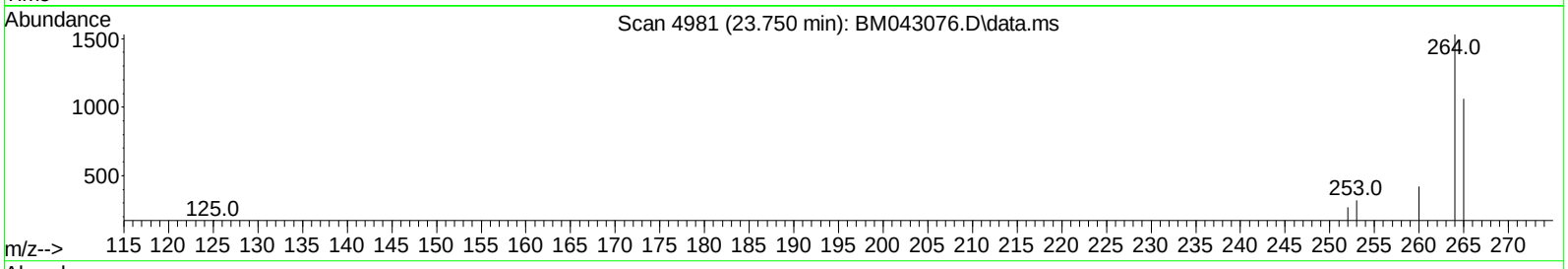

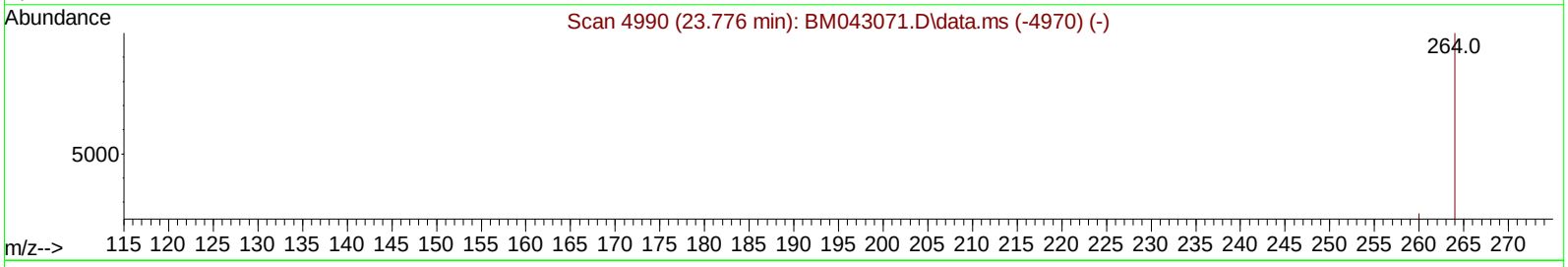

TIC: BM043076.D\data.ms

(23) Perylene-d12 (I)

23.750min (-0.029) 0.40 ng/ul

response 4111

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.52
265.00	120.30	69.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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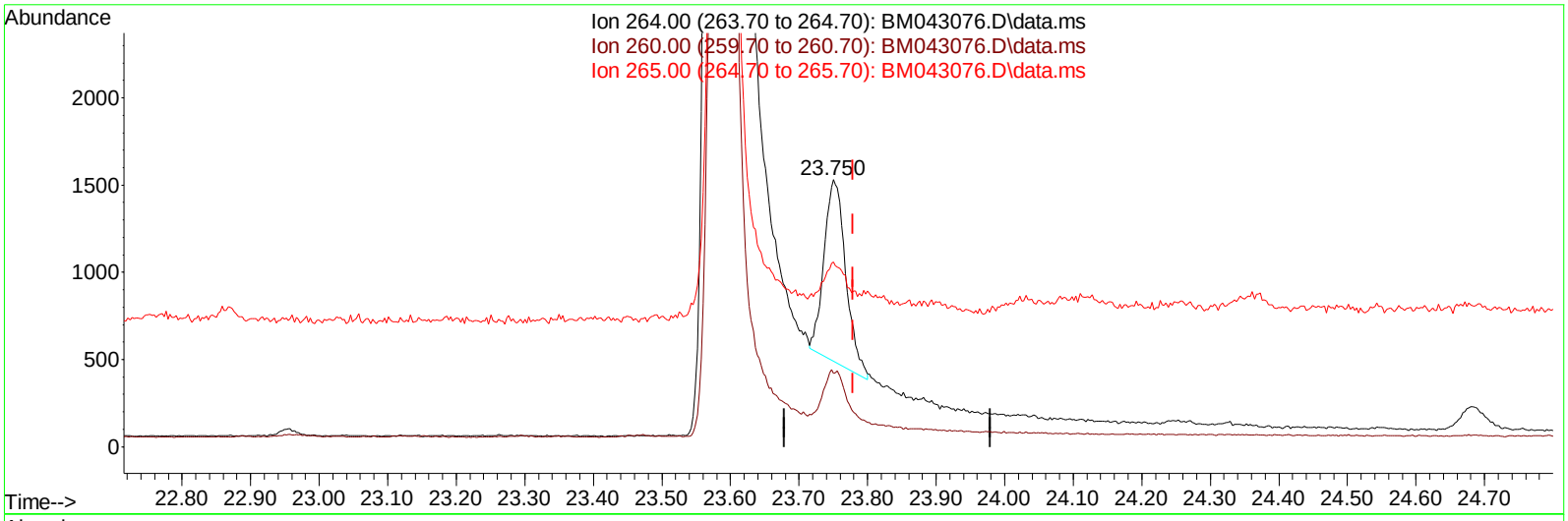

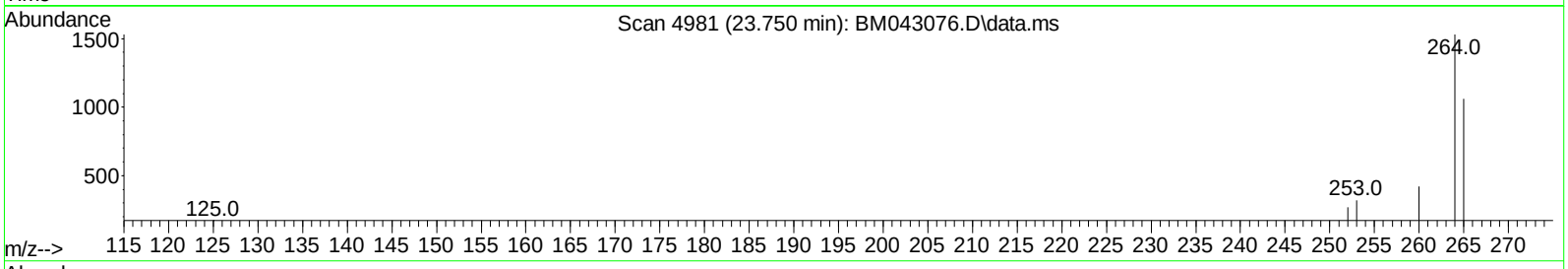

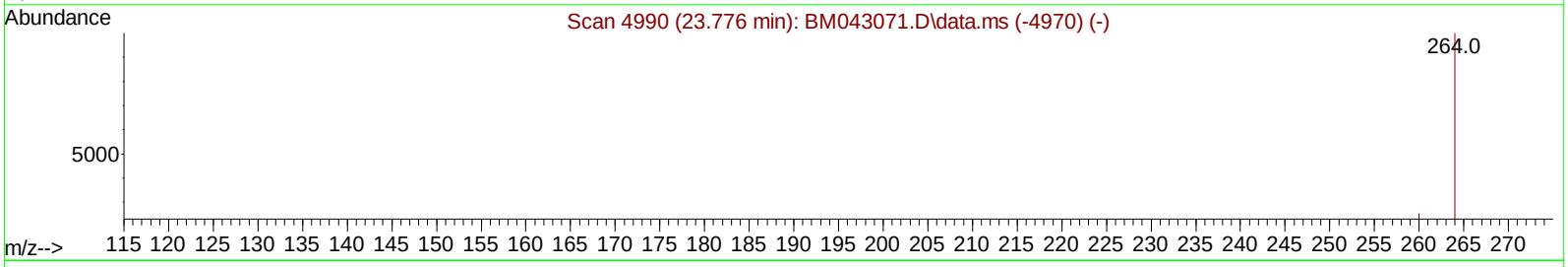

TIC: BM043076.D\data.ms

(23) Perylene-d12 (I)

23.750min (-0.029) 0.40 ng/ul m

response 2280

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.52
265.00	120.30	69.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
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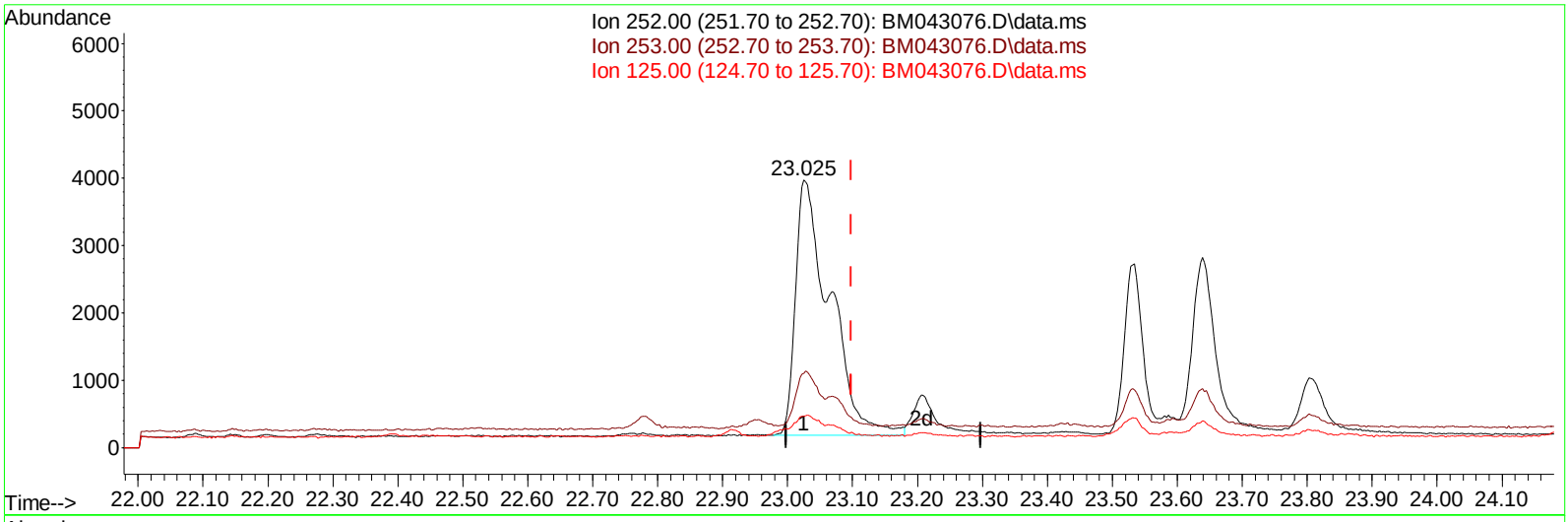

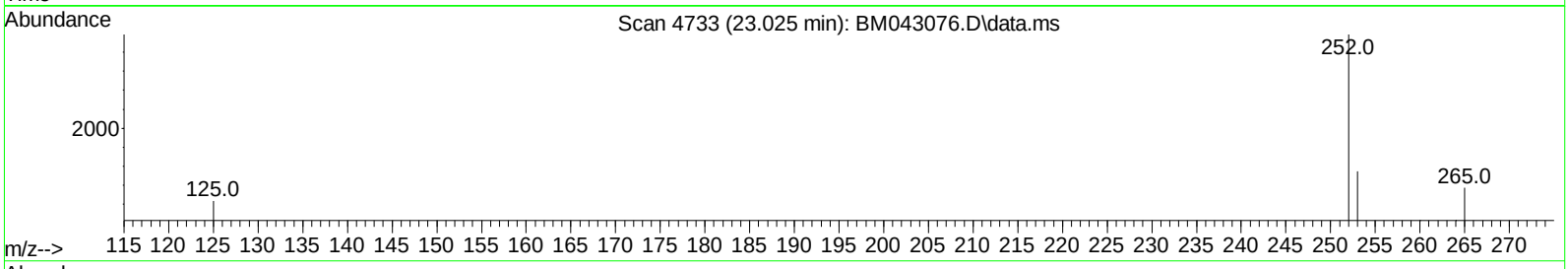

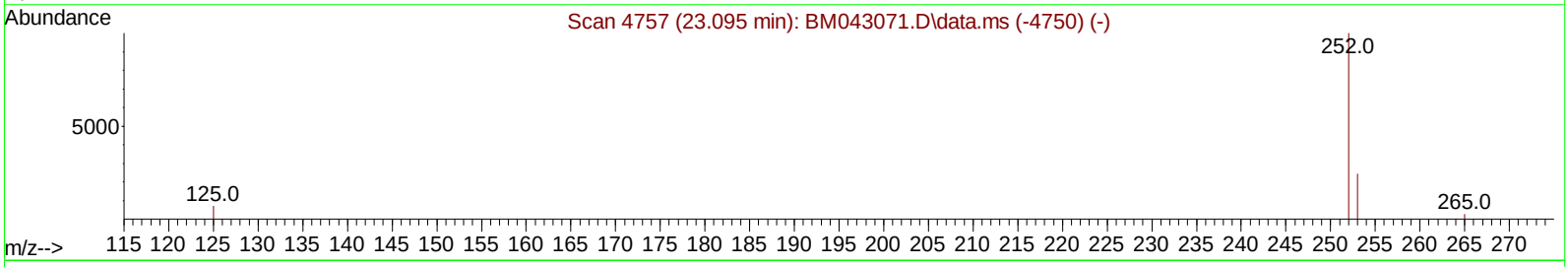

TIC: BM043076.D\data.ms

(25) Benzo(k)fluoranthene

23.025min (-0.073) 1.31 ng/ul

response 13904

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	27.63#
125.00	13.80	11.81
0.00	0.00	0.00

Quantitation Report (Qedit)

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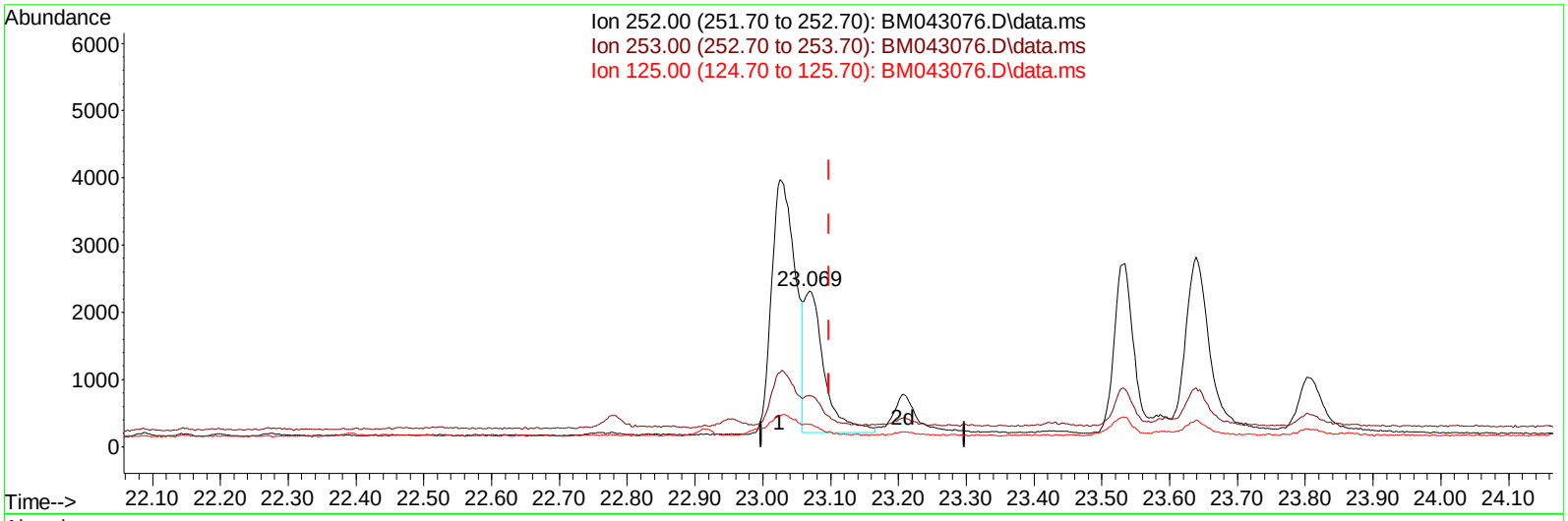

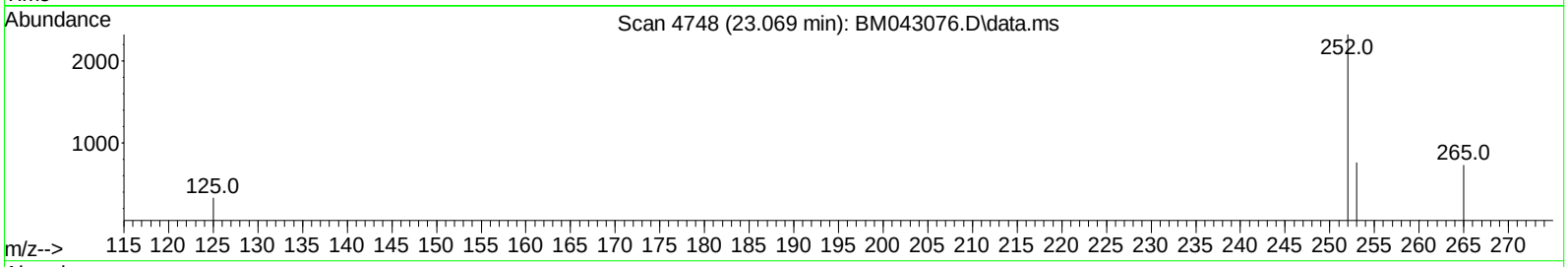

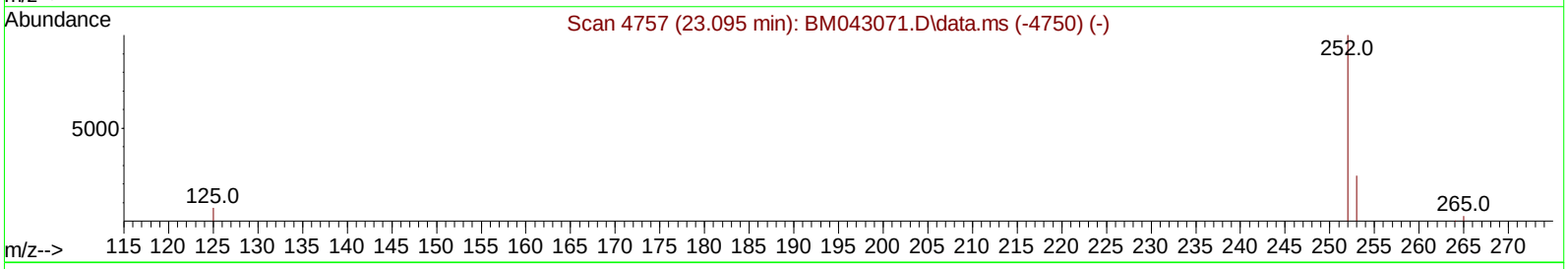

TIC: BM043076.D\data.ms

(25) Benzo(k)fluoranthene

23.069min (-0.029) 0.42 ng/ul m

response 4439

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	33.02
125.00	13.80	14.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.809	152	976m	0.400 ng/ul	-0.07
4) Naphthalene-d8	10.605	136	3573	0.400 ng/ul	#-0.04
9) Acenaphthene-d10	14.454	164	1662m	0.400 ng/ul	-0.01
13) Phenanthrene-d10	17.207	188	3367	0.400 ng/ul	-0.03
17) Chrysene-d12	21.403	240	2399	0.400 ng/ul	-0.02
23) Perylene-d12	23.750	264	2280m	0.400 ng/ul	-0.03
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.160	96	2263	1.511 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	880	0.184 ng/ul	-0.03
18) Fluoranthene-d10	19.238	212	1979	0.226 ng/ul	-0.02
Target Compounds					Qvalue
5) Naphthalene	10.660	128	579	0.060 ng/ul#	85
7) 2-Methylnaphthalene	12.288	142	540	0.094 ng/ul	99
8) 1-Methylnaphthalene	12.502	142	373	0.058 ng/ul	91
10) Acenaphthylene	14.177	152	505	0.060 ng/ul#	74
11) Acenaphthene	14.515	153	5710	0.889 ng/ul	95
12) Fluorene	15.505	166	5955	0.902 ng/ul	99
15) Phenanthrene	17.250	178	10677	1.111 ng/ul	93
16) Anthracene	17.343	178	2460	0.270 ng/ul	95
19) Fluoranthene	19.266	202	23384	1.719 ng/ul#	93
20) Pyrene	19.633	202	20602	1.424 ng/ul#	93
21) Benzo(a)anthracene	21.386	228	7870	1.011 ng/ul	96
22) Chrysene	21.438	228	7489	0.517 ng/ul	99
24) Benzo(b)fluoranthene	23.025	252	9205	1.196 ng/ul	88
25) Benzo(k)fluoranthene	23.069	252	4439m	0.419 ng/ul	
26) Benzo(a)pyrene	23.639	252	6230	0.742 ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.205	276	4849	0.427 ng/ul#	99
29) Benzo(g,h,i)perylene	26.966	276	4439	0.402 ng/ul	98

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

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