Quantitation Report (Qedit)

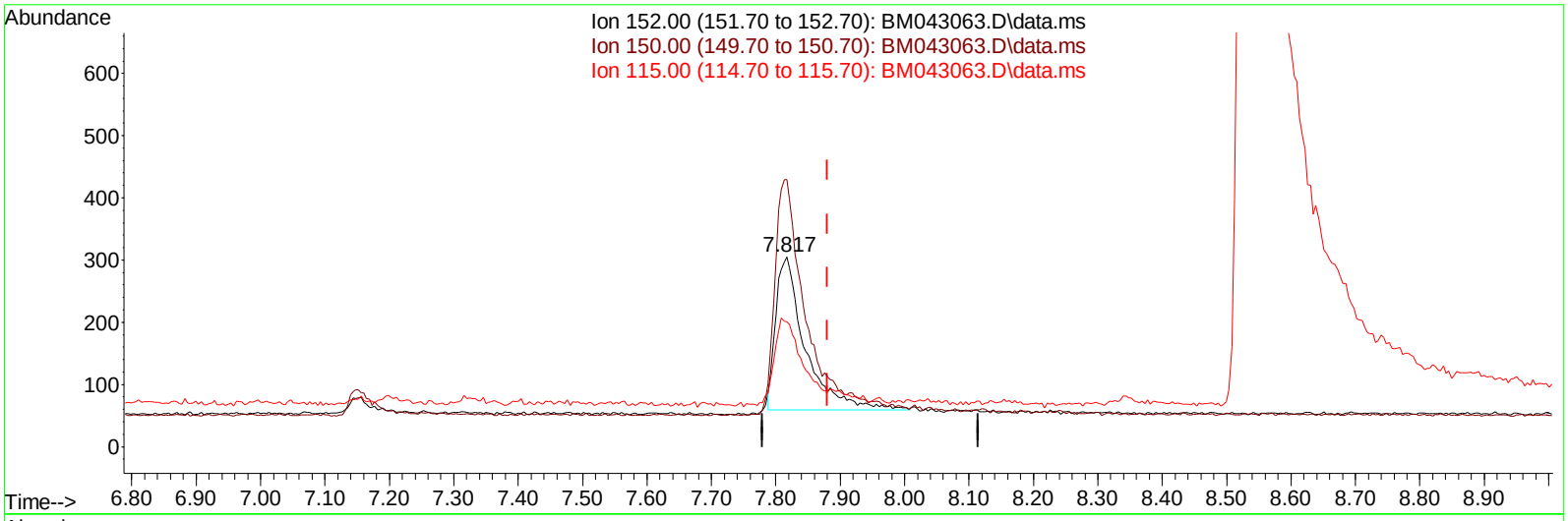
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043063.D
Acq On : 27 Nov 2023 23:39
Operator : MA/JU
Sample : 05416-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

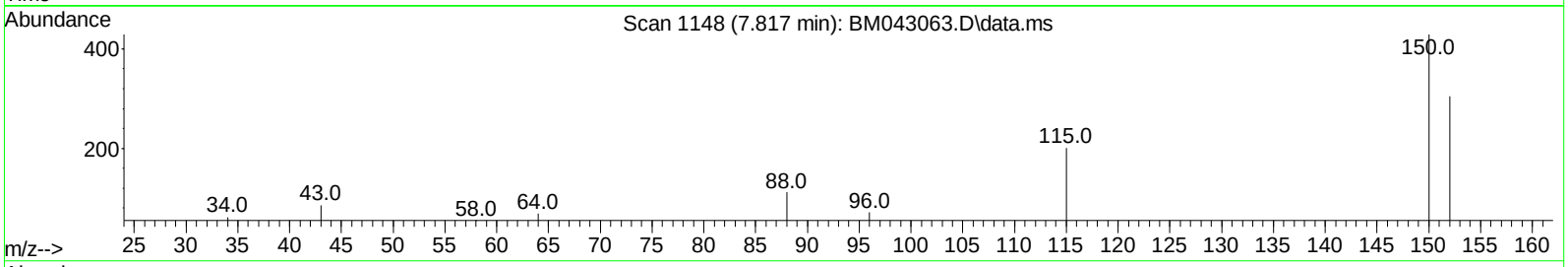
Quant Time: Nov 28 01:10:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

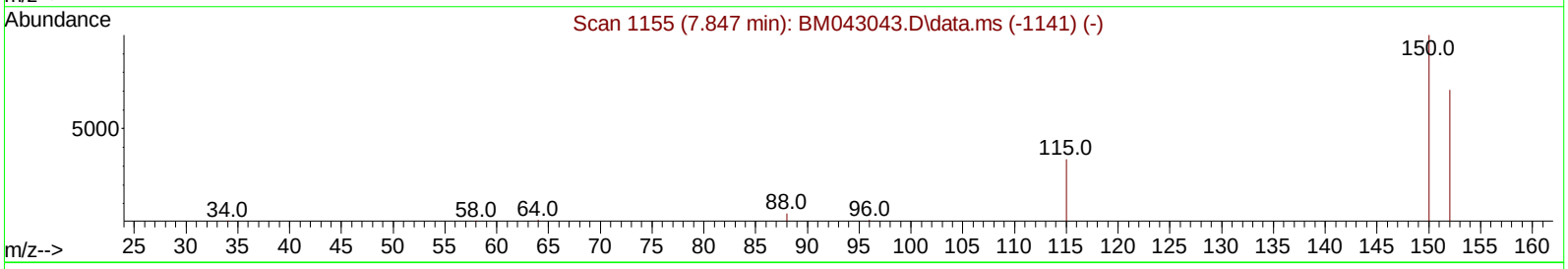
Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023







TIC: BM043063.D\data.ms

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

7.817min (-0.063) 0.40 ng/ul

response 779

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	140.66
115.00	89.60	65.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

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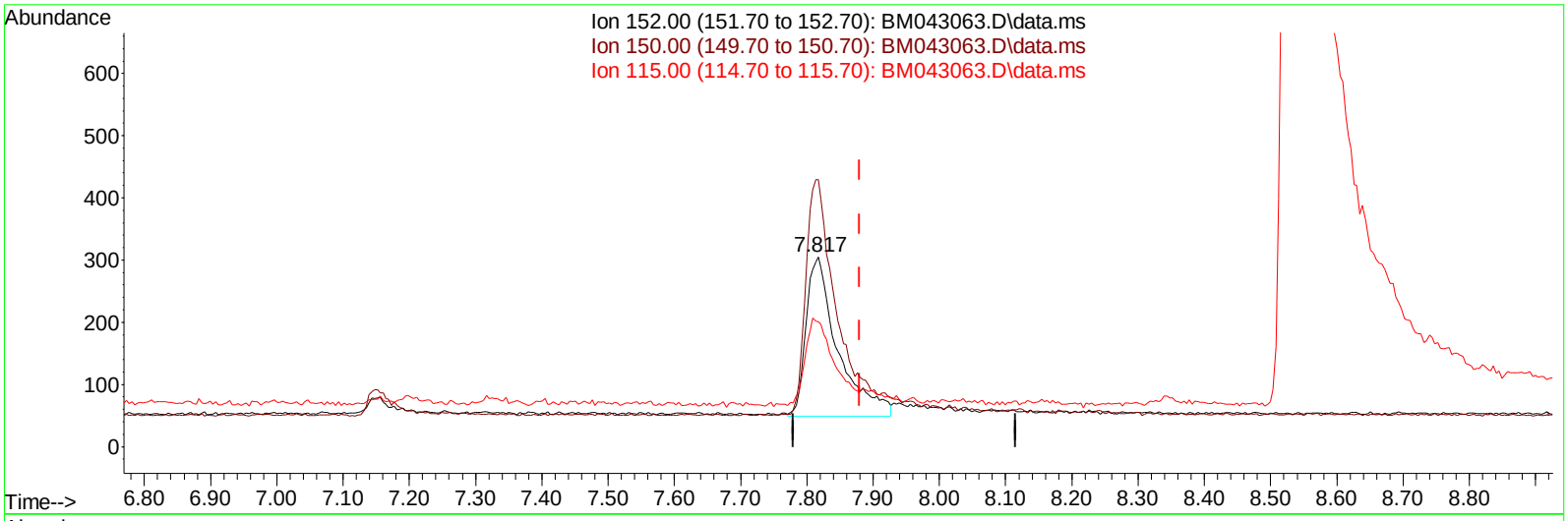

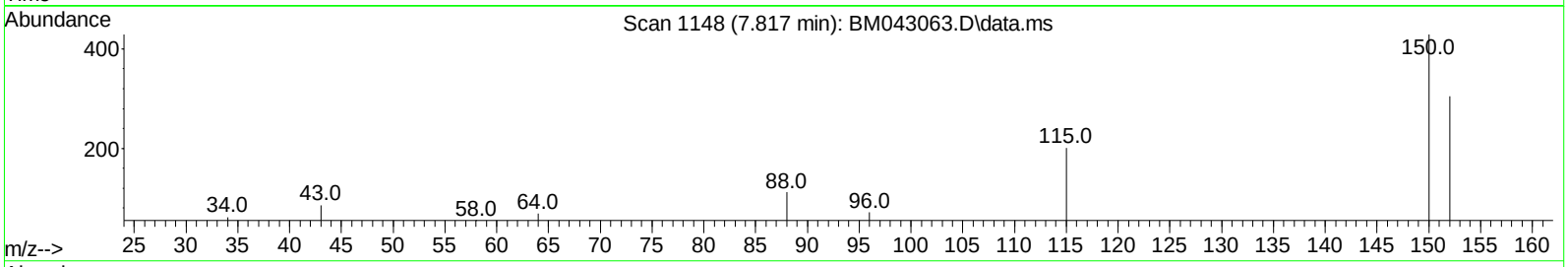

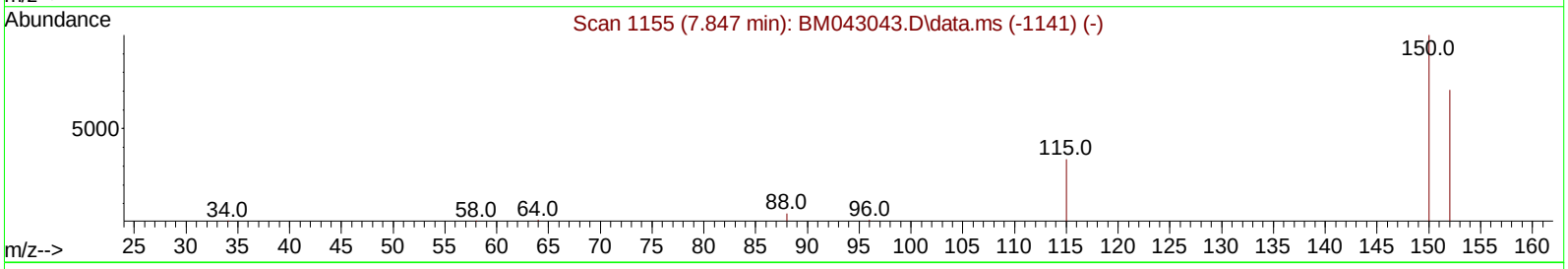

TIC: BM043063.D\data.ms

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

7.817min (-0.063) 0.40 ng/ul m

response 852

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	140.66
115.00	89.60	65.90#
0.00	0.00	0.00

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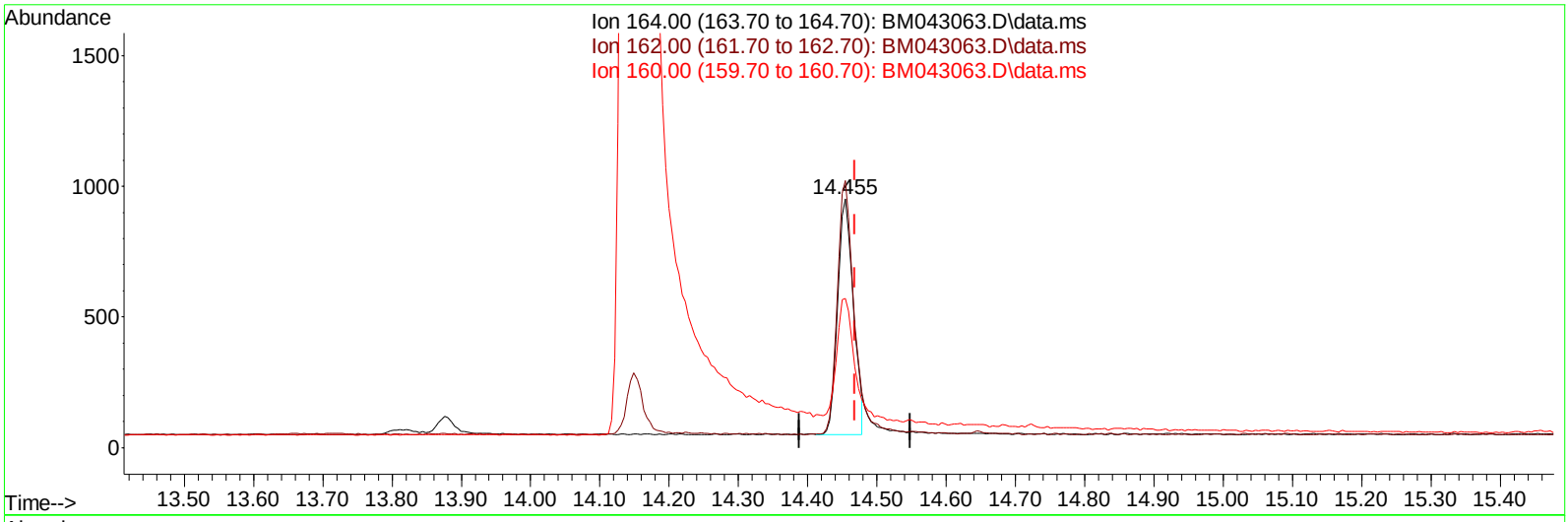

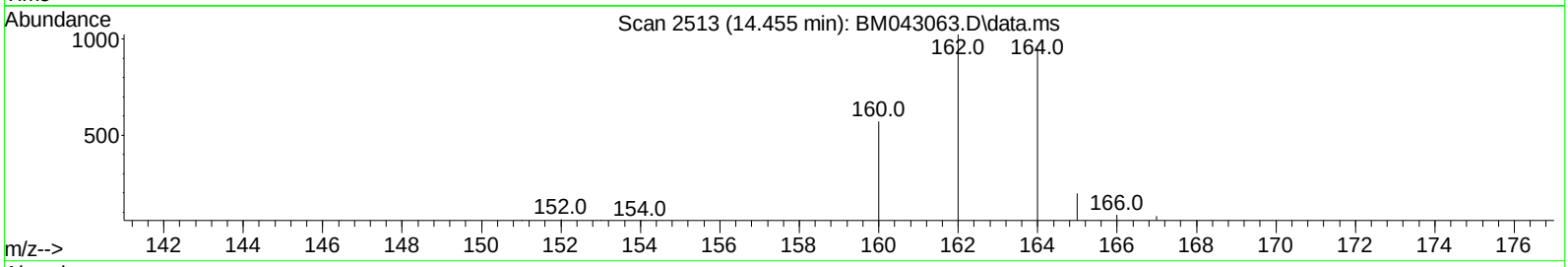

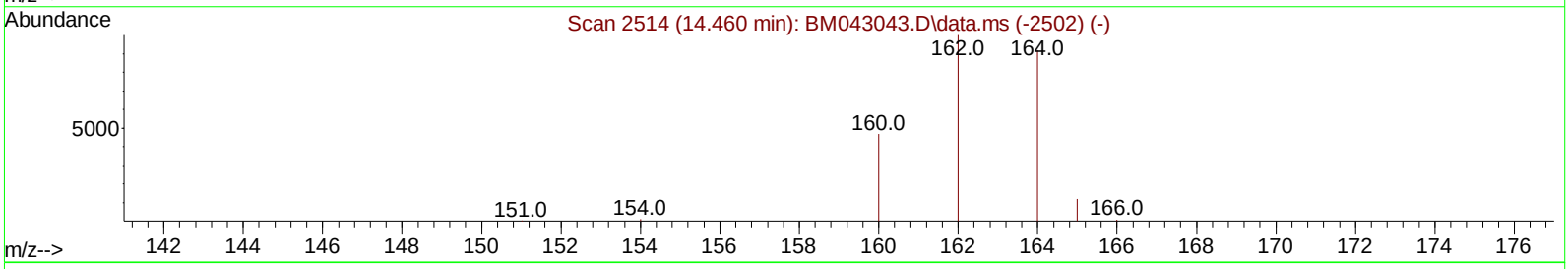

TIC: BM043063.D\data.ms

(9) Acenaphthene-d10 (I)

14.455min (-0.014) 0.40 ng/ul

response 1429

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.46
160.00	57.20	59.98
0.00	0.00	0.00

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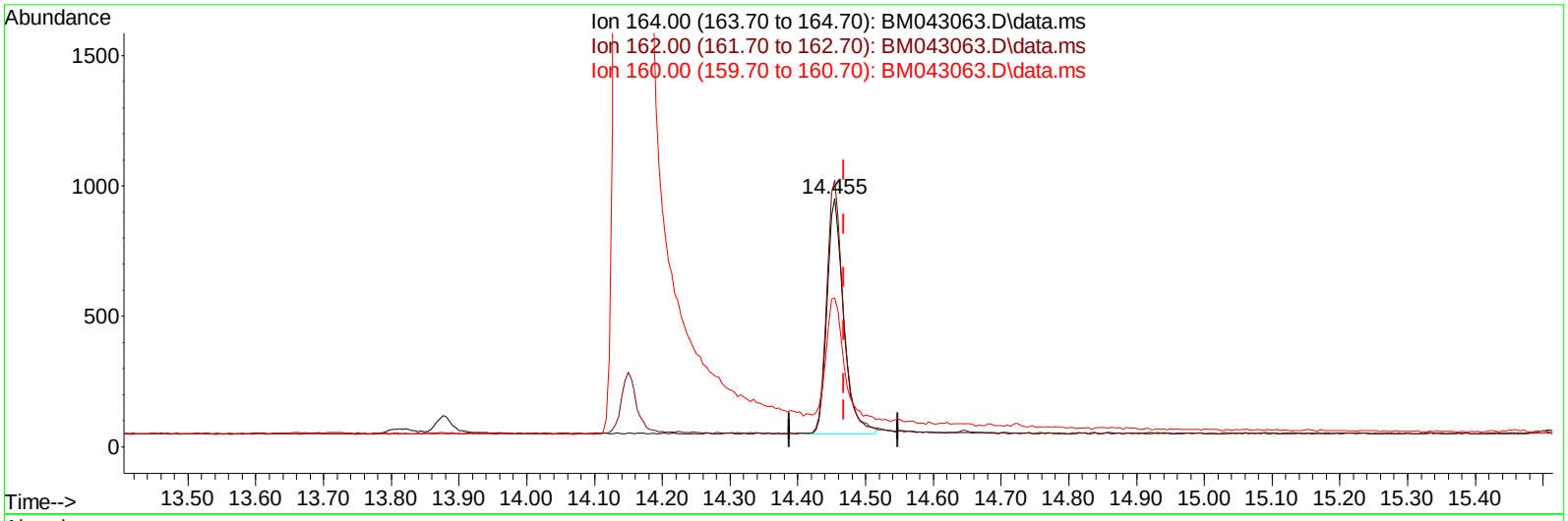

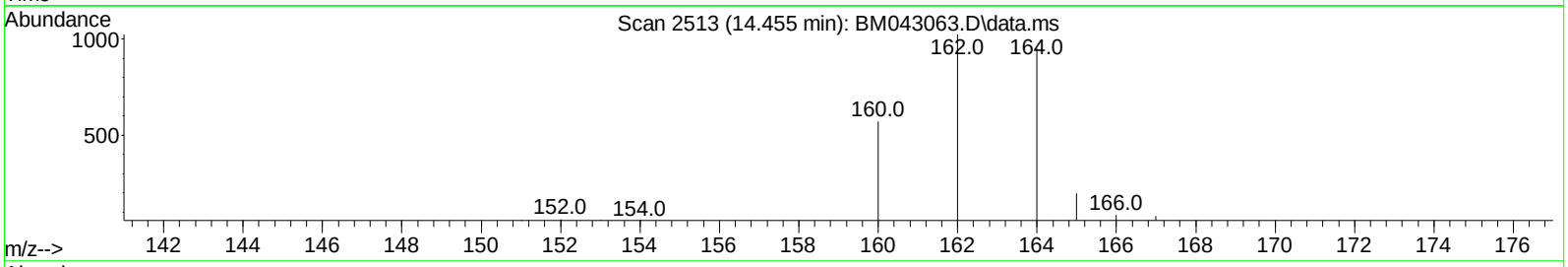

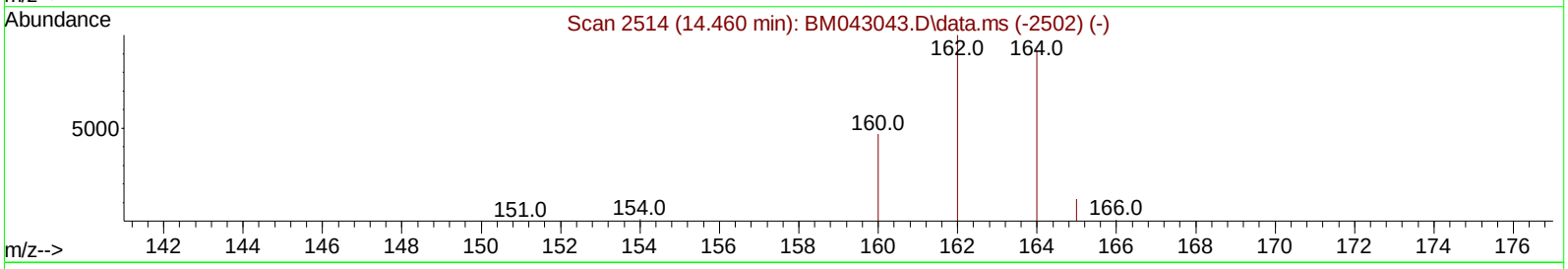

TIC: BM043063.D\data.ms

(9) Acenaphthene-d10 (I)

14.455min (-0.014) 0.40 ng/ul m

response 1536

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.46
160.00	57.20	59.98
0.00	0.00	0.00

Quantitation Report (Qedit)

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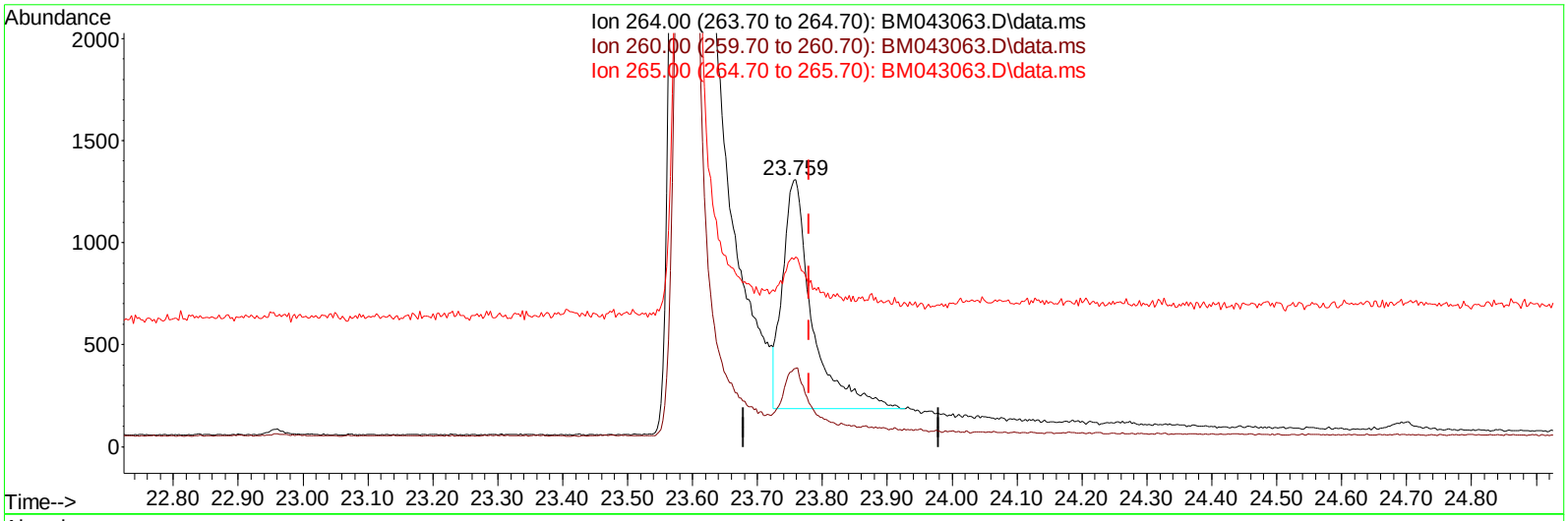

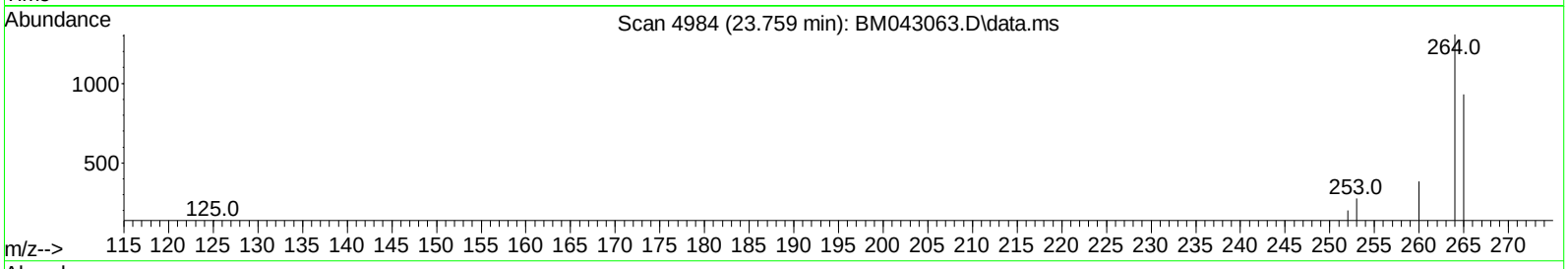

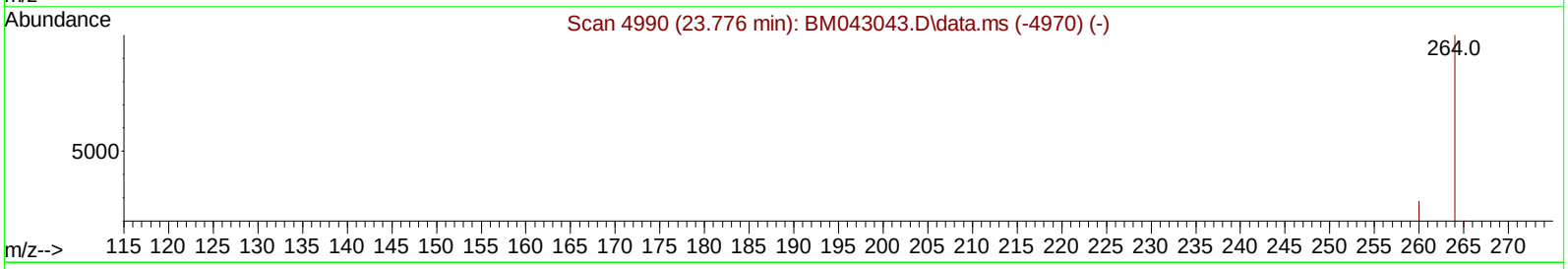

TIC: BM043063.D\data.ms

(23) Perylene-d12 (I)

23.759min (-0.020) 0.40 ng/ul

response 3567

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.36
265.00	120.30	71.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

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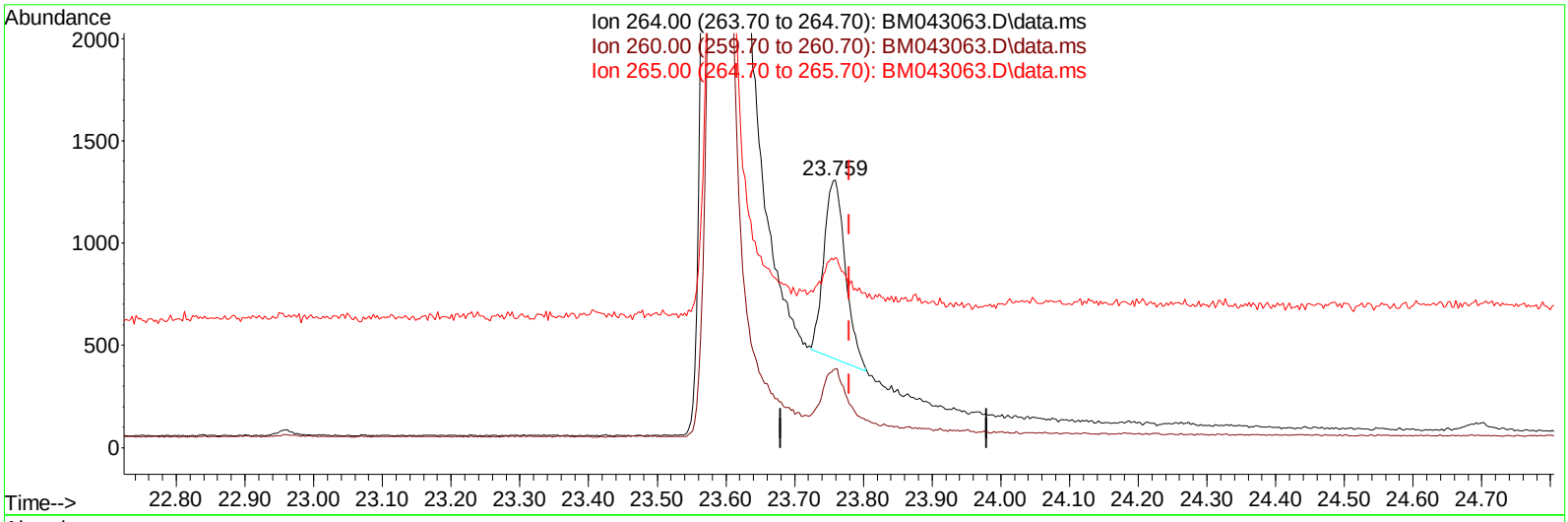

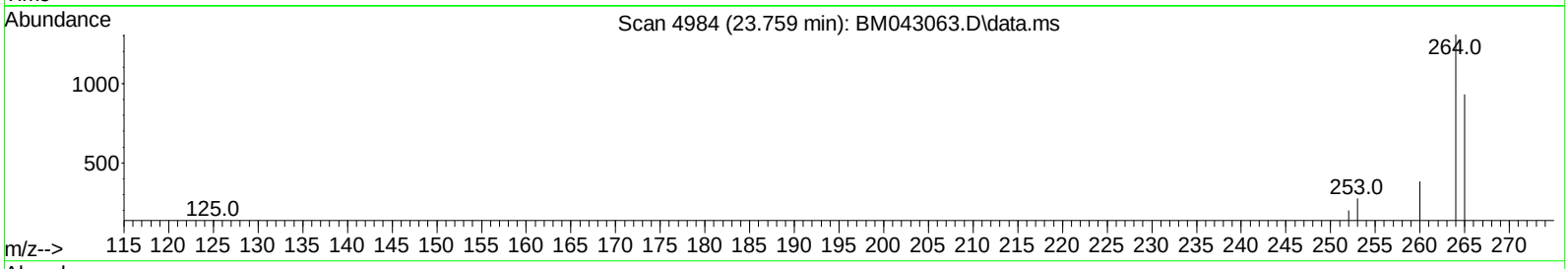

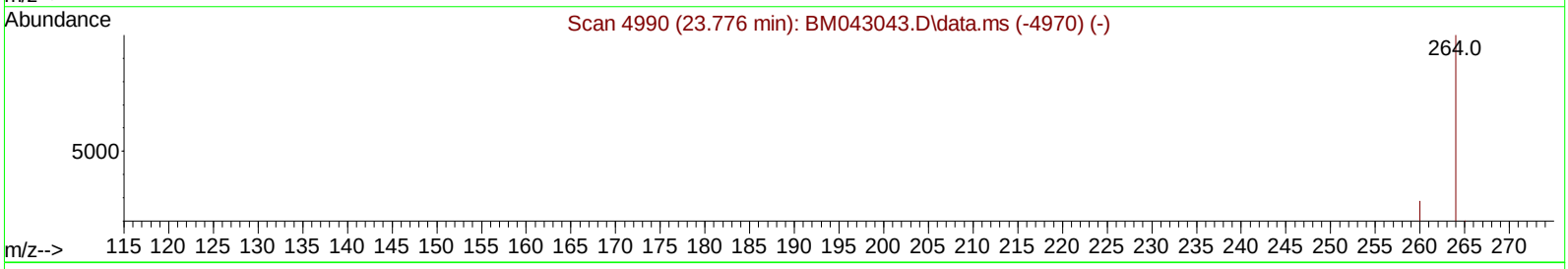

TIC: BM043063.D\data.ms

(23) Perylene-d12 (I)

23.759min (-0.020) 0.40 ng/ul m

response 1903

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.36
265.00	120.30	71.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
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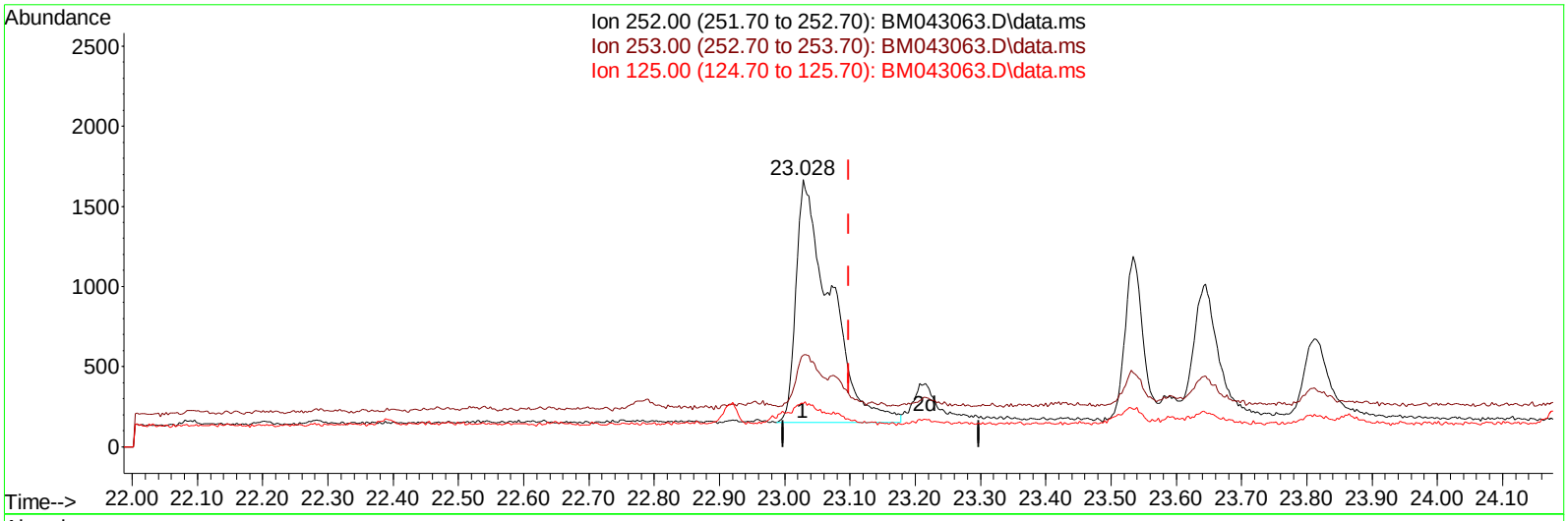

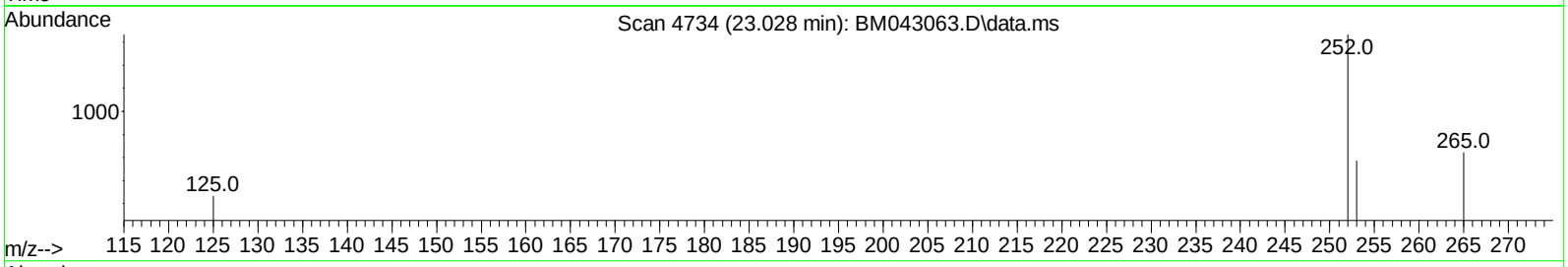

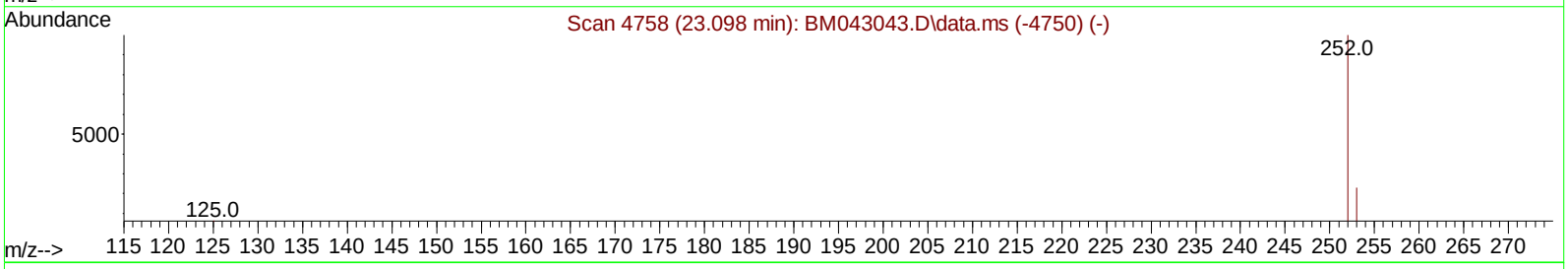

TIC: BM043063.D\data.ms

(25) Benzo(k)fluoranthene

23.028min (-0.070) 0.62 ng/ul

response 5515

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	34.27
125.00	13.80	16.09
0.00	0.00	0.00

Quantitation Report (Qedit)

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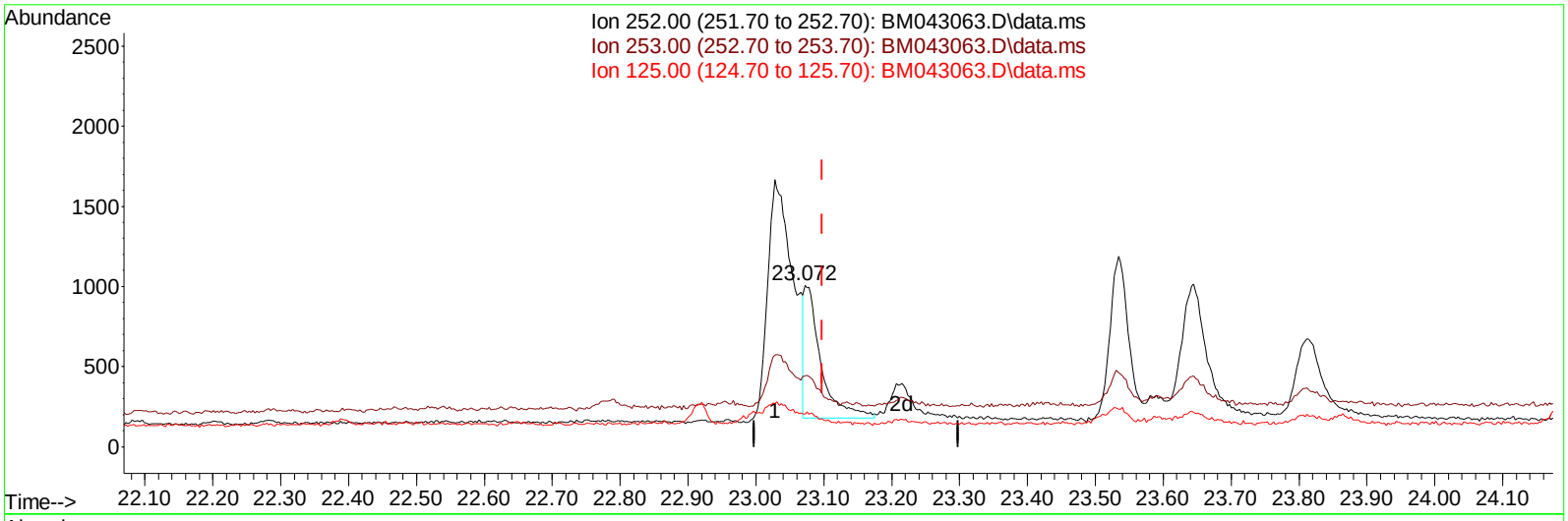

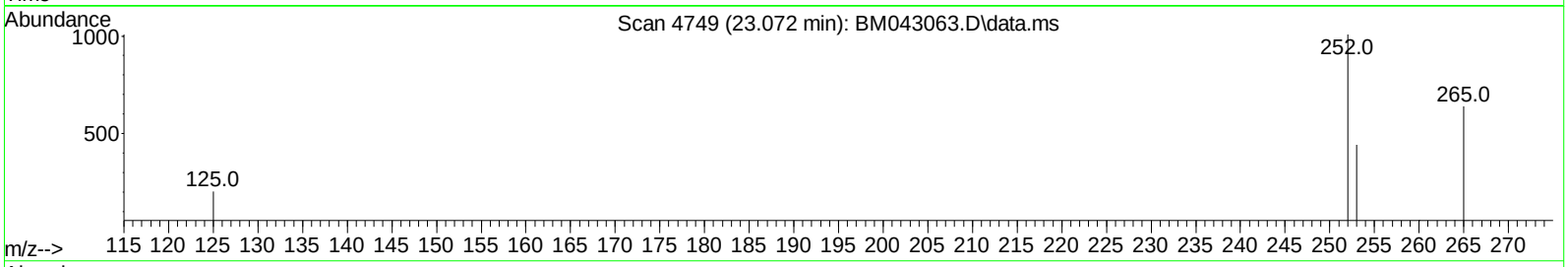

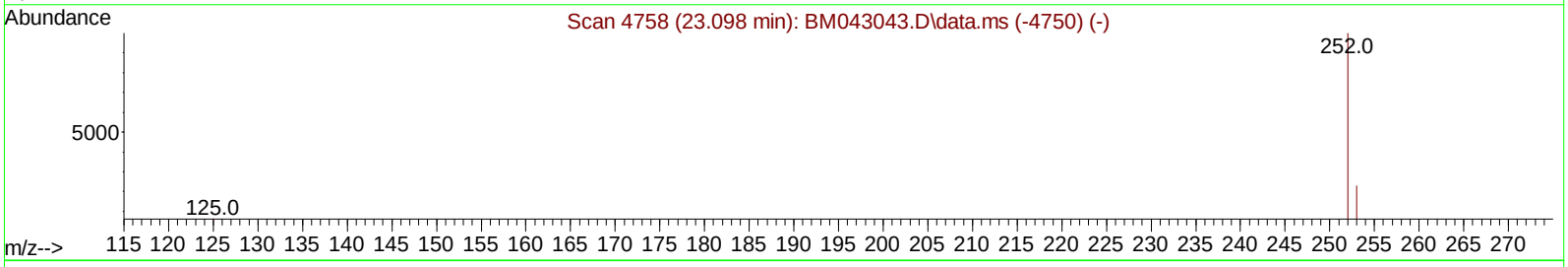

TIC: BM043063.D\data.ms

(25) Benzo(k)fluoranthene

23.072min (-0.026) 0.16 ng/ul m

response 1422

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	43.85#
125.00	13.80	20.24#
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	7.817	152	852m	0.400 ng/ul	-0.06
4) Naphthalene-d8	10.611	136	2538	0.400 ng/ul	#-0.04
9) Acenaphthene-d10	14.455	164	1536m	0.400 ng/ul	-0.01
13) Phenanthrene-d10	17.212	188	3277	0.400 ng/ul	#-0.03
17) Chrysene-d12	21.406	240	2371	0.400 ng/ul	#-0.02
23) Perylene-d12	23.759	264	1903m	0.400 ng/ul	-0.02
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.160	96	1323	1.012 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	248	0.073 ng/ul	-0.02
18) Fluoranthene-d10	19.243	212	713	0.083 ng/ul	-0.02
Target Compounds					Qvalue
5) Naphthalene	10.660	128	499	0.072 ng/ul#	80
7) 2-Methylnaphthalene	12.305	142	451	0.111 ng/ul	93
8) 1-Methylnaphthalene	12.508	142	297	0.065 ng/ul	95
10) Acenaphthylene	14.182	152	366	0.047 ng/ul#	70
11) Acenaphthene	14.519	153	119	0.020 ng/ul#	92
12) Fluorene	15.514	166	183	0.030 ng/ul#	87
15) Phenanthrene	17.250	178	3020	0.323 ng/ul	99
16) Anthracene	17.250	178	2919	0.329 ng/ul	94
19) Fluoranthene	19.270	202	7479	0.556 ng/ul#	94
20) Pyrene	19.633	202	6993	0.489 ng/ul	96
21) Benzo(a)anthracene	21.389	228	3262	0.424 ng/ul	98
22) Chrysene	21.444	228	3057	0.213 ng/ul	96
24) Benzo(b)fluoranthene	23.028	252	3933	0.612 ng/ul	97
25) Benzo(k)fluoranthene	23.072	252	1422m	0.161 ng/ul	
26) Benzo(a)pyrene	23.645	252	2073	0.296 ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.225	276	1522	0.160 ng/ul#	100
29) Benzo(g,h,i)perylene	26.997	276	1362	0.148 ng/ul#	86

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

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