Quantitation Report (Qedit)

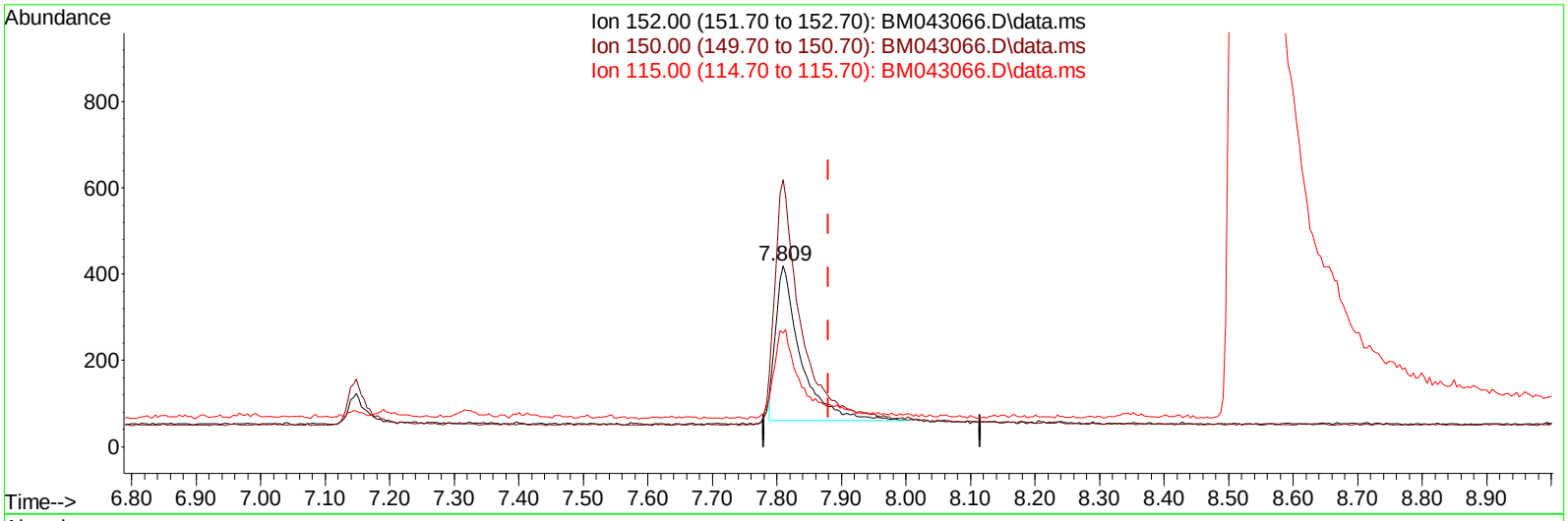
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043066.D
Acq On : 28 Nov 2023 01:28
Operator : MA/JU
Sample : 05416-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

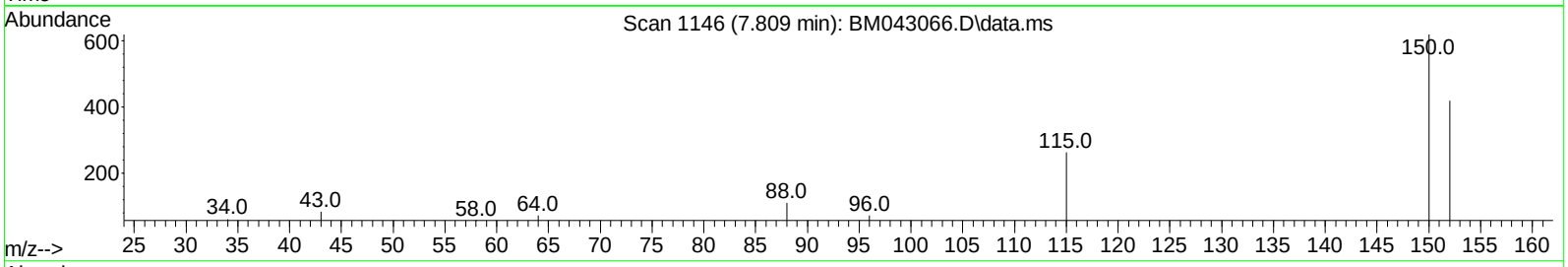
Quant Time: Nov 28 05:23:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

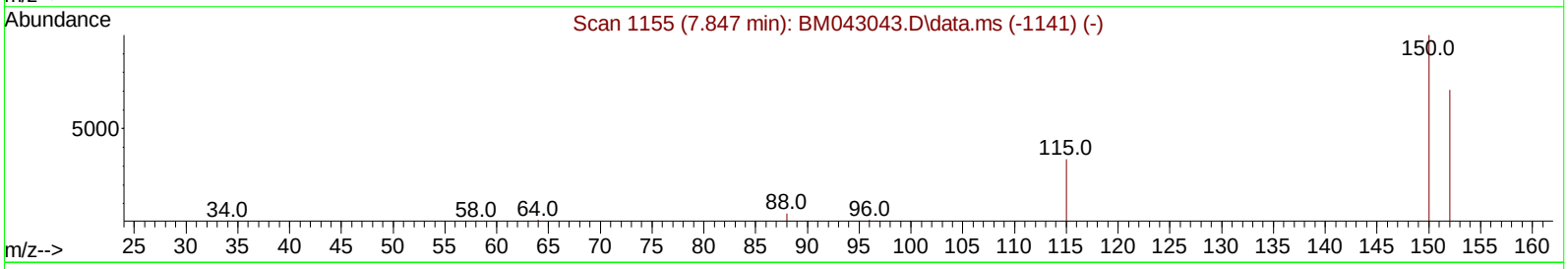
Instrument :
BNA_M
ClientSampleId :
C0AH6

Manual IntegrationsAPPROVED

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







TIC: BM043066.D\data.ms

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

7.809min (-0.071) 0.40 ng/ul

response 954

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	147.38
115.00	89.60	62.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

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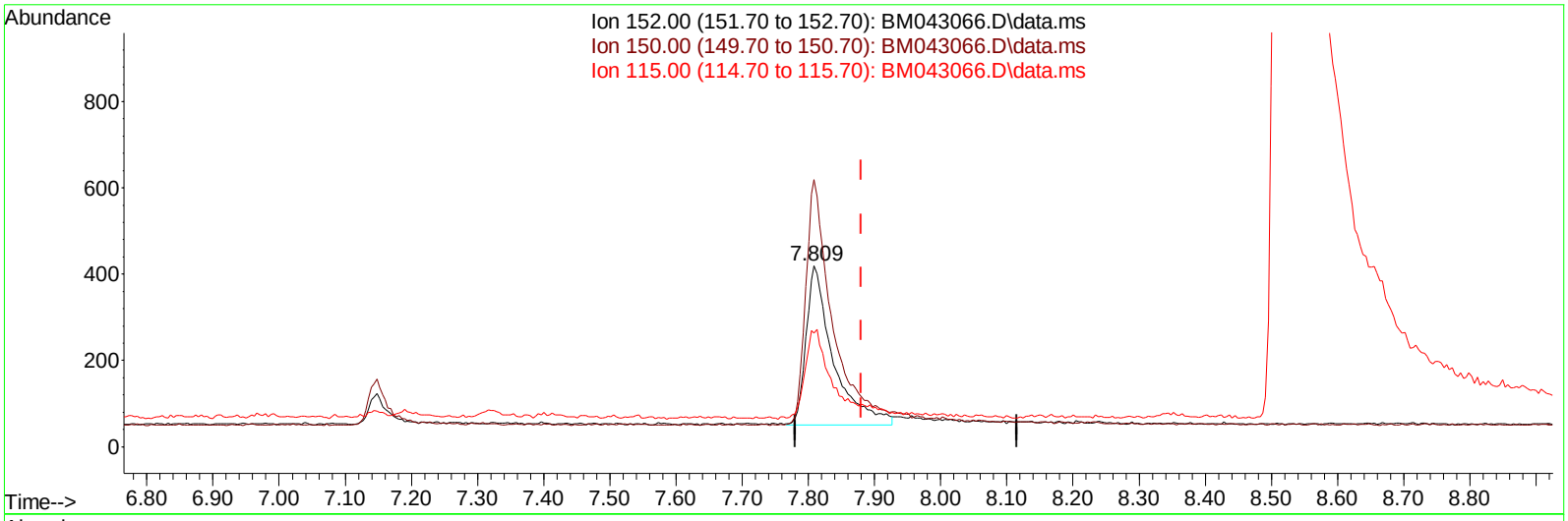

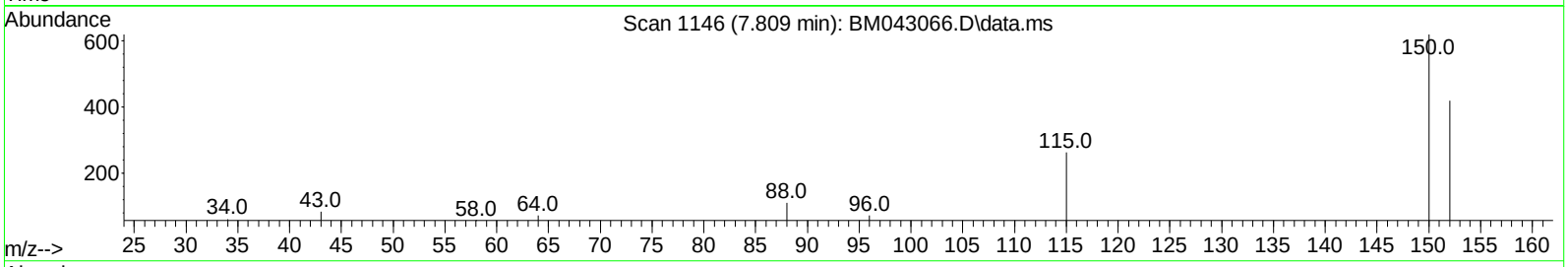

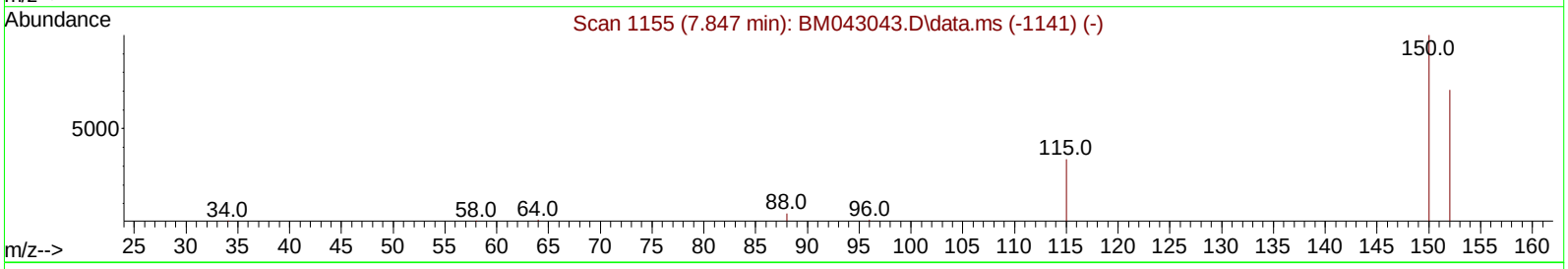

TIC: BM043066.D\data.ms

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

7.809min (-0.071) 0.40 ng/ul m

response 1056

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	147.38
115.00	89.60	62.62#
0.00	0.00	0.00

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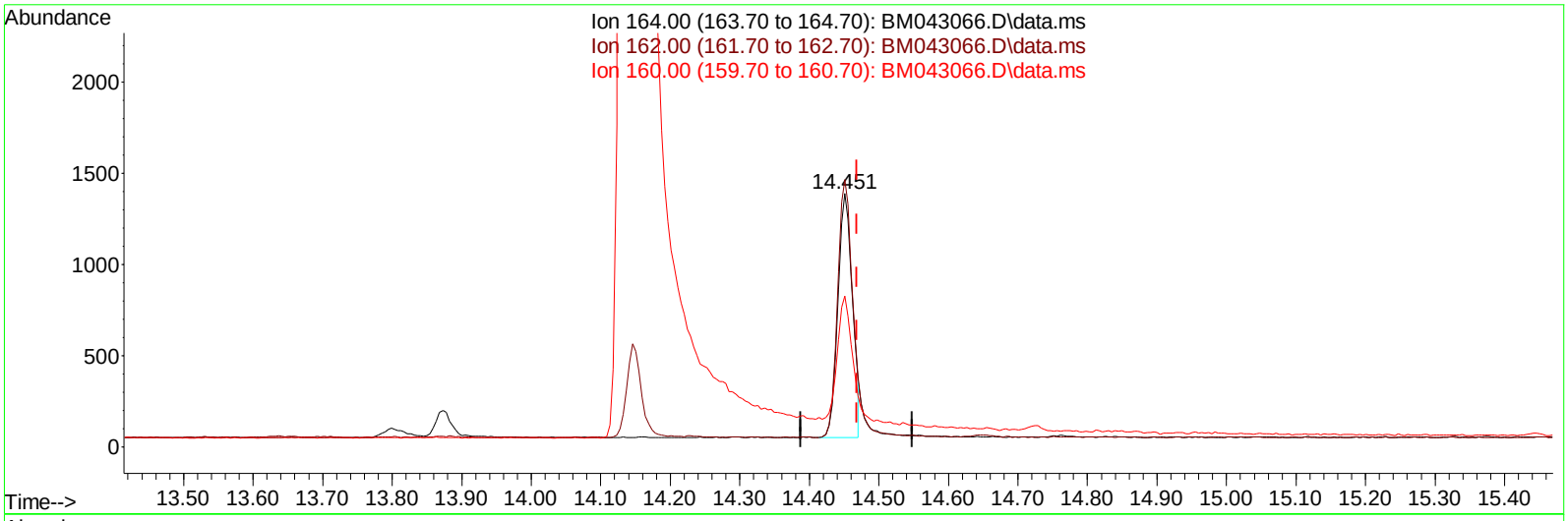

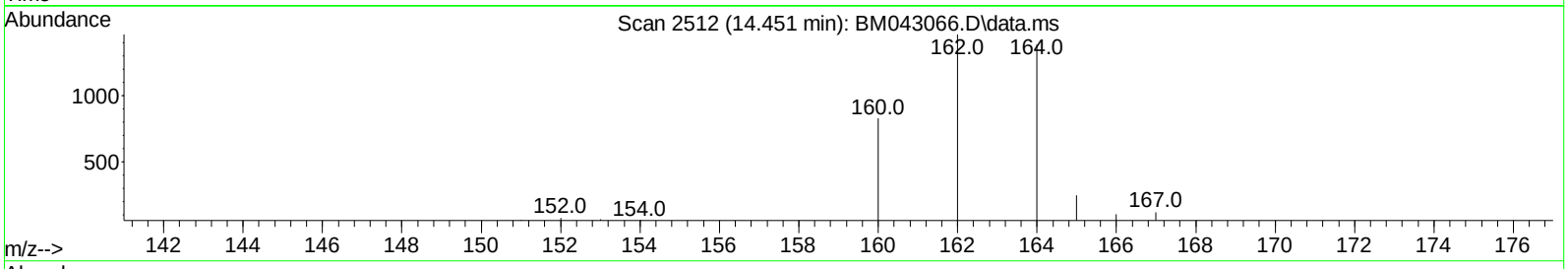

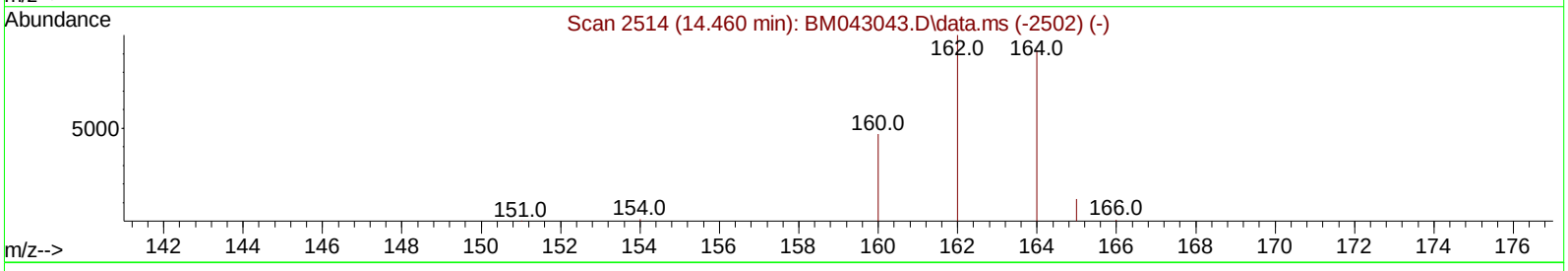

TIC: BM043066.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.017) 0.40 ng/ul

response 1936

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.40
160.00	57.20	59.65
0.00	0.00	0.00

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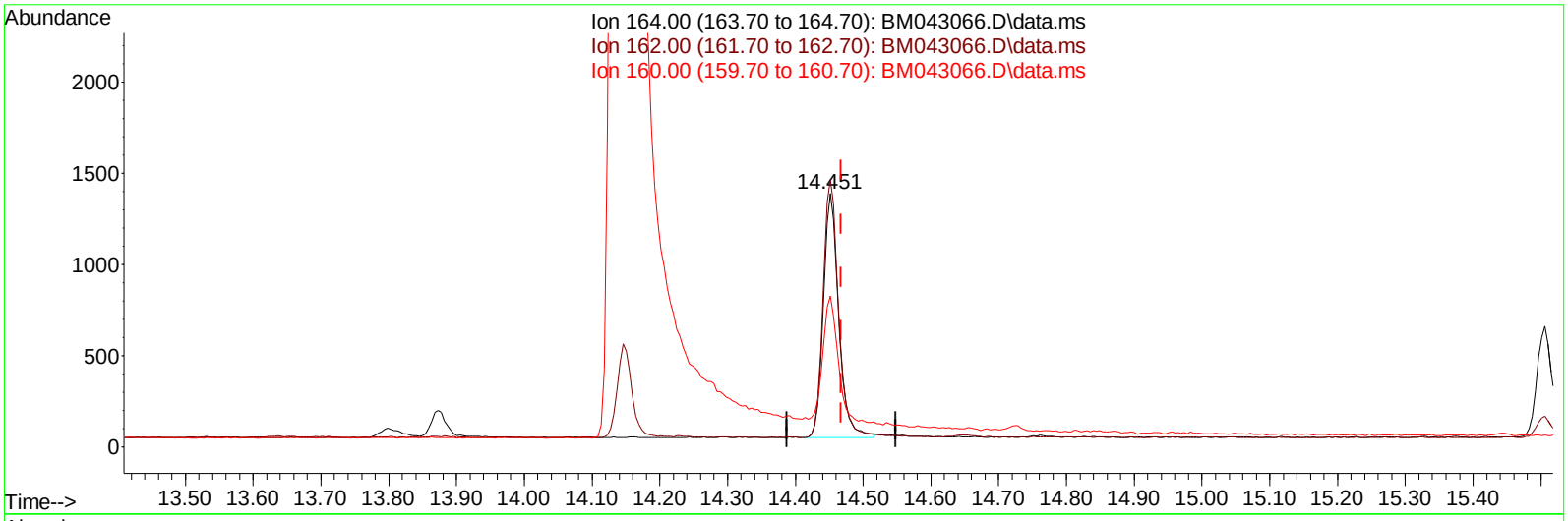

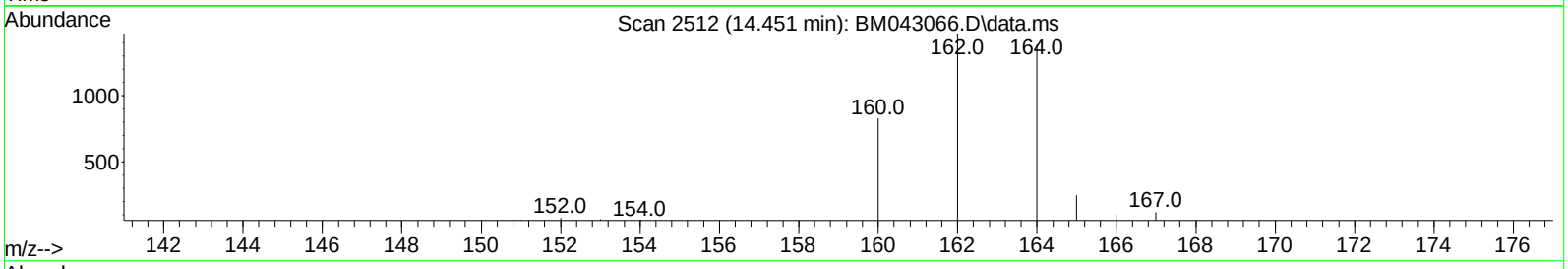

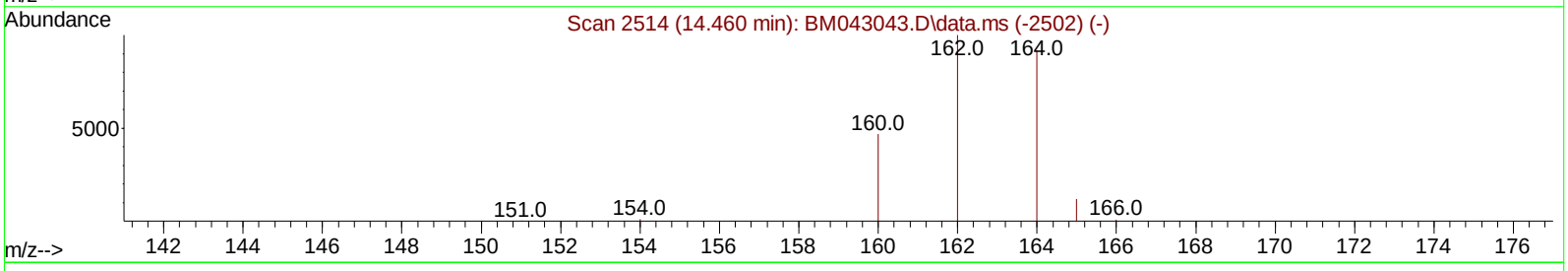

TIC: BM043066.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.017) 0.40 ng/ul m

response 2103

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.40
160.00	57.20	59.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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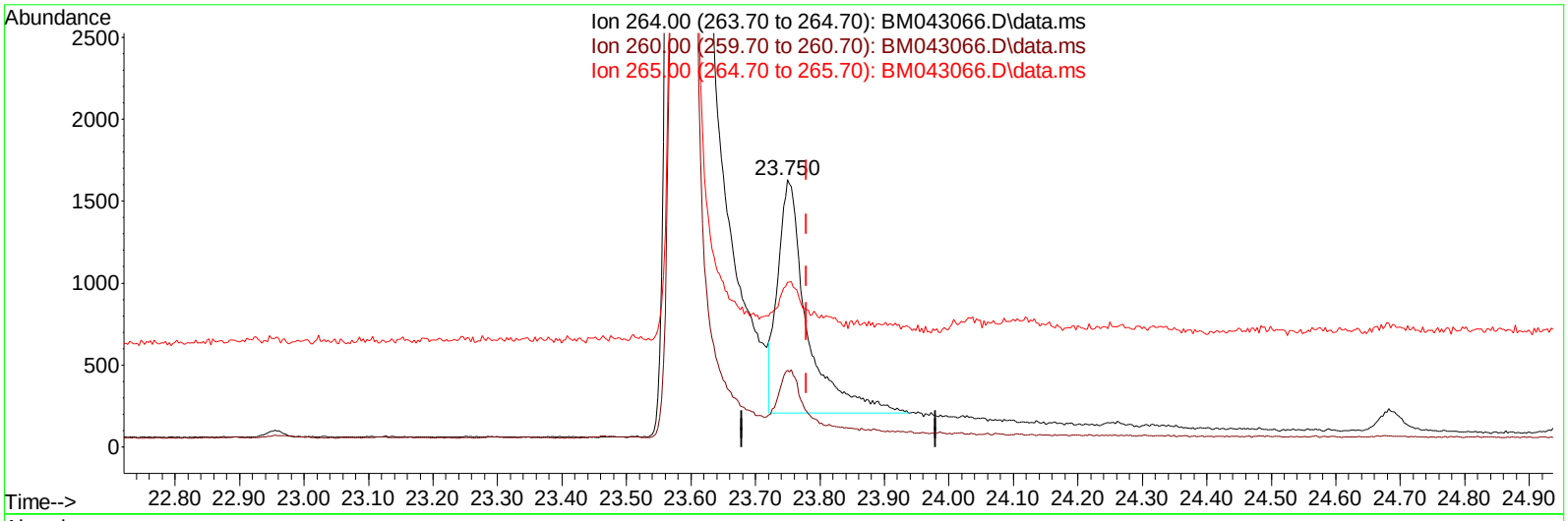
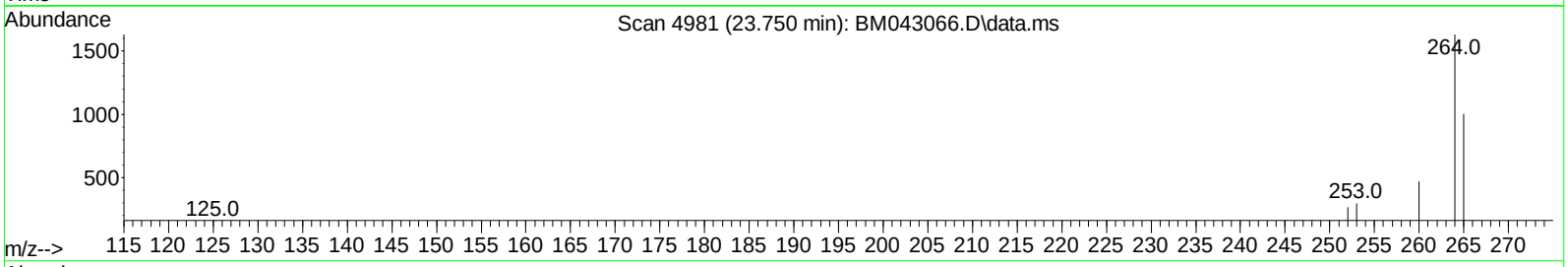
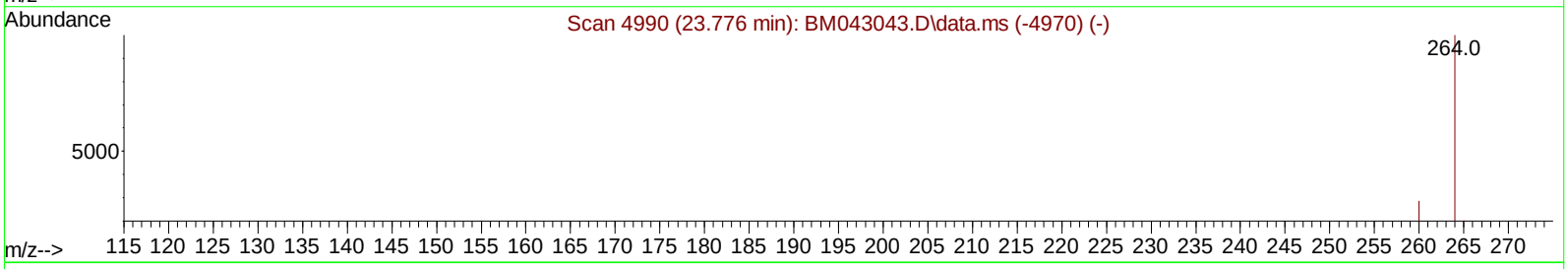
BNA_M
ClientSampleId :
C0AH6

Manual IntegrationsAPPROVED

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







TIC: BM043066.D\data.ms

(23) Perylene-d12 (I)

23.750min (-0.030) 0.40 ng/ul

response 4504

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.69
265.00	120.30	61.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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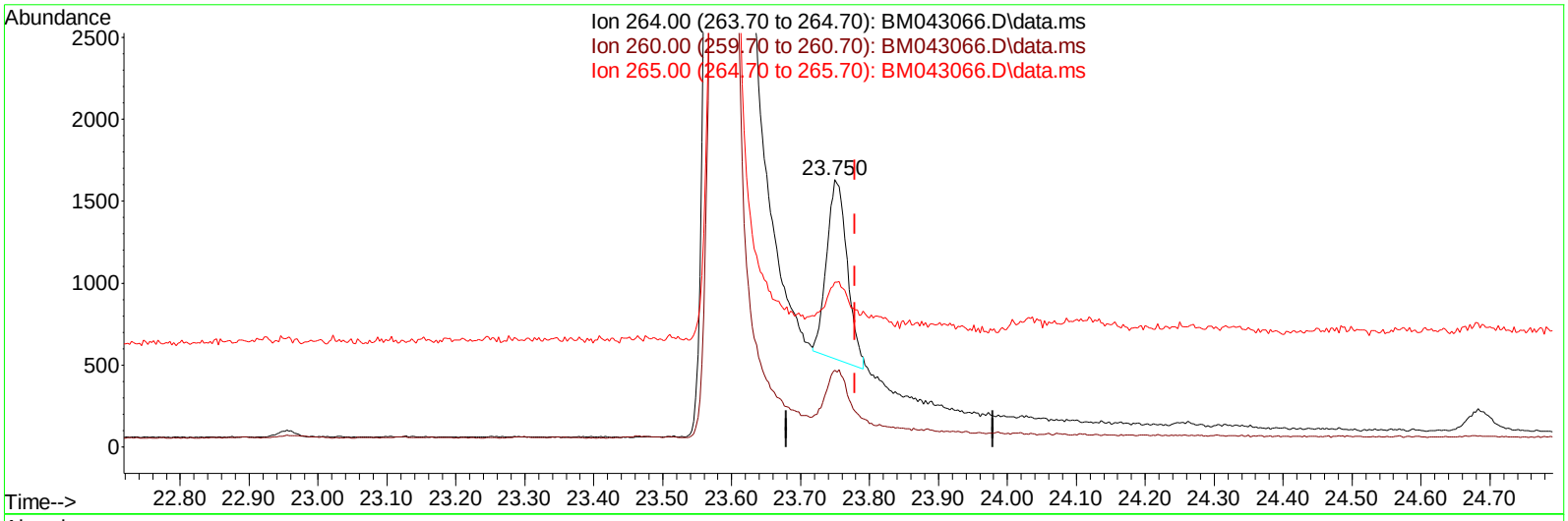

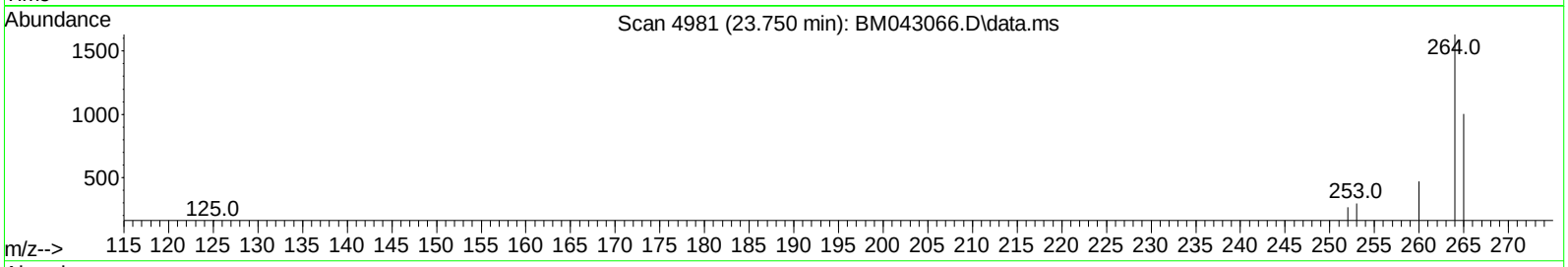

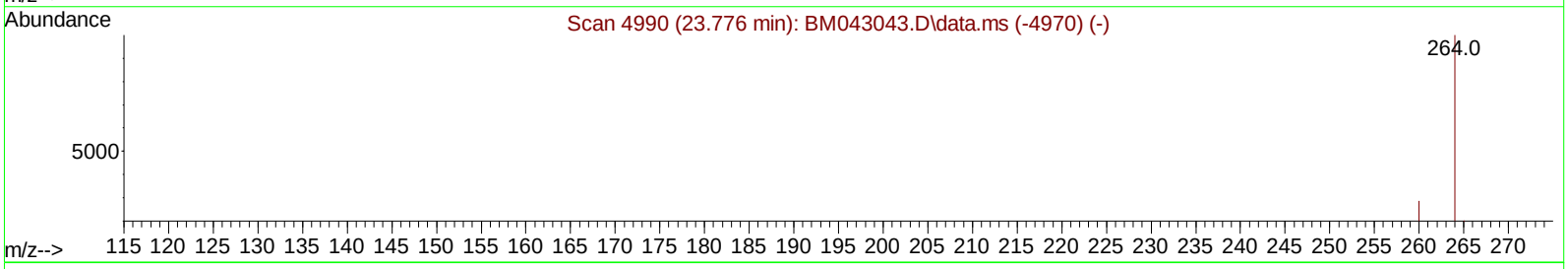

TIC: BM043066.D\data.ms

(23) Perylene-d12 (I)

23.750min (-0.030) 0.40 ng/ul m

response 2268

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.69
265.00	120.30	61.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

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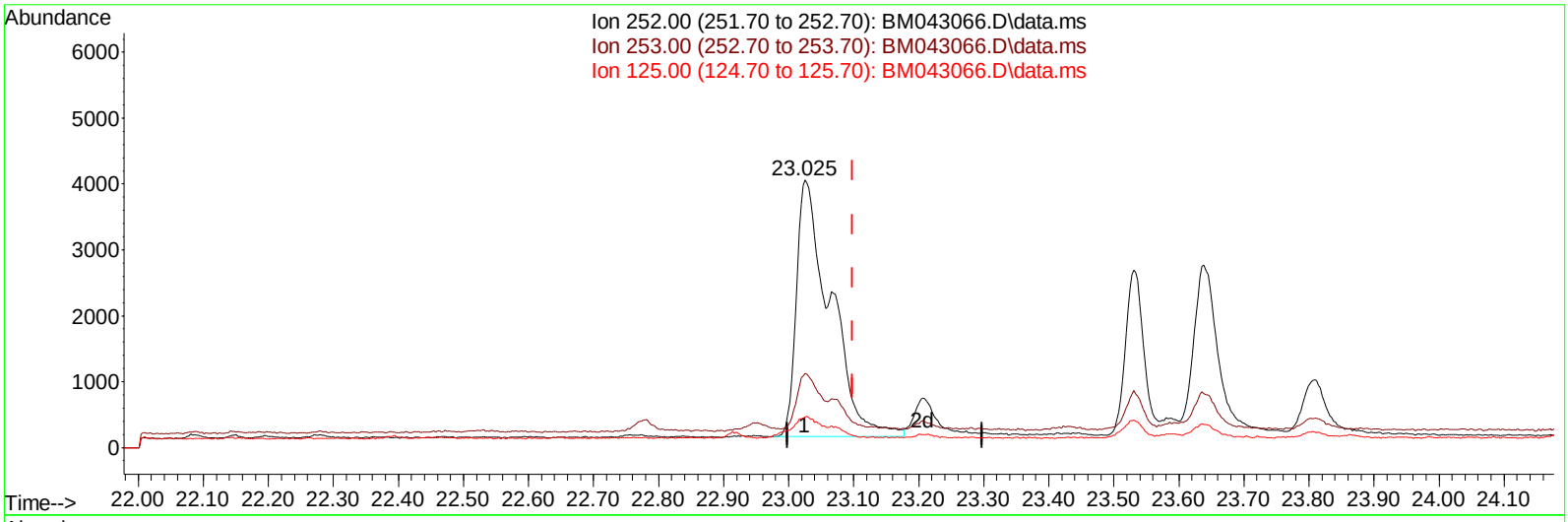

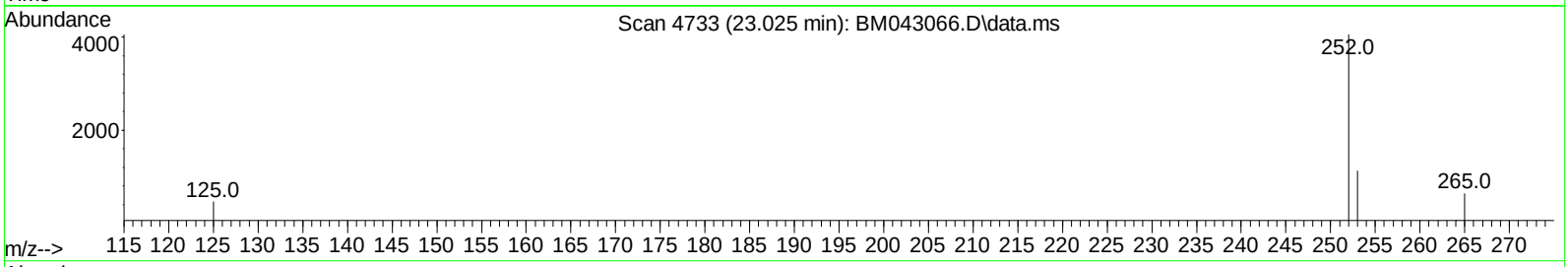

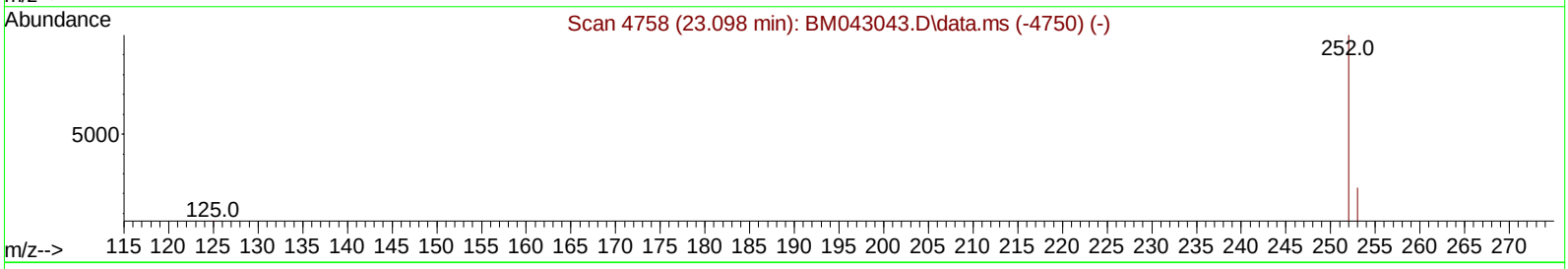

TIC: BM043066.D\data.ms

(25) Benzo(k)fluoranthene

23.025min (-0.073) 0.68 ng/ul

response 14232

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	27.81#
125.00	13.80	11.38
0.00	0.00	0.00

Quantitation Report (Qedit)

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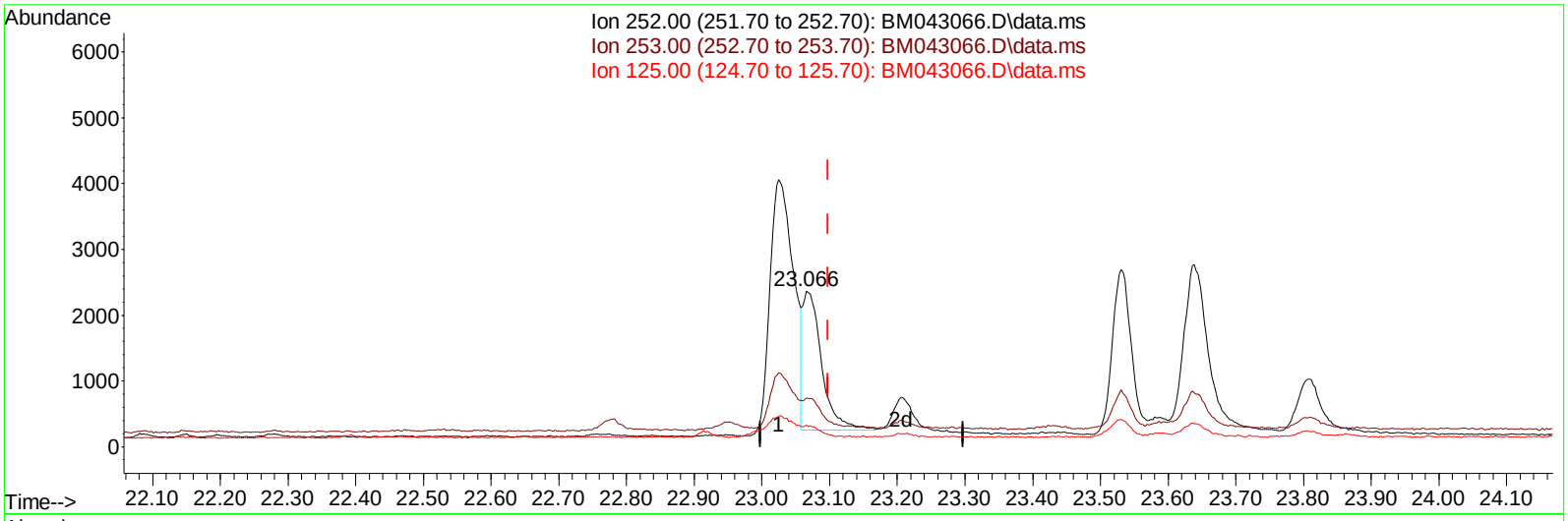

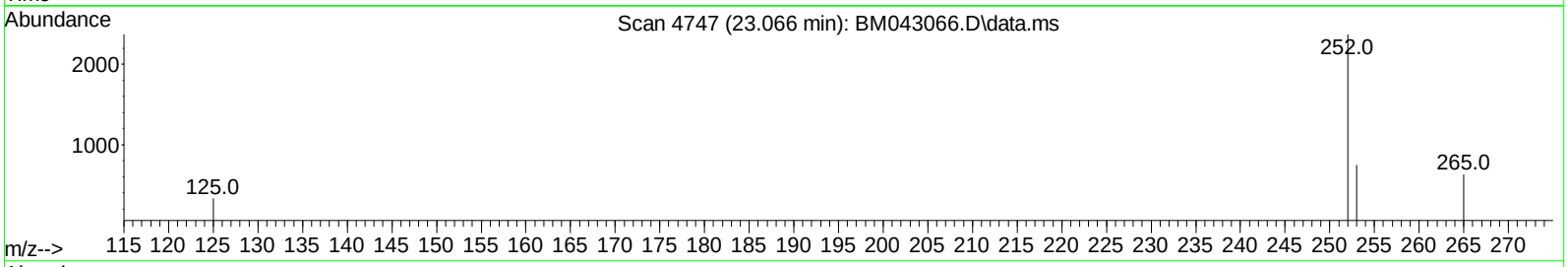

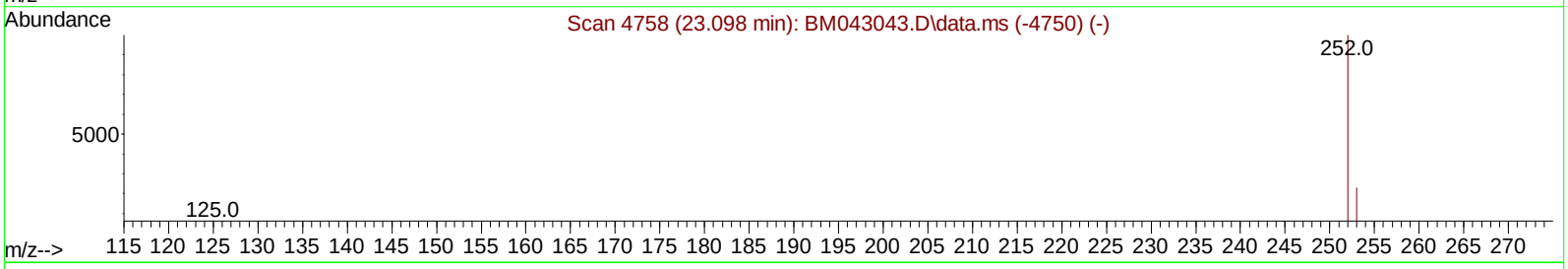

TIC: BM043066.D\data.ms

(25) Benzo(k)fluoranthene

23.066min (-0.032) 0.39 ng/ul m

response 4163

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	31.37
125.00	13.80	13.83
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	1056m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.607	136	4052	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.451	164	2103m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.209	188	4446	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.400	240	3018	0.400	ng/ul	#-0.02
23) Perylene-d12	23.750	264	2268m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	2128	1.313	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	495	0.091	ng/ul	-0.03
18) Fluoranthene-d10	19.239	212	1259	0.114	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.656	128	623	0.057	ng/ul#	86
7) 2-Methylnaphthalene	12.295	142	598	0.092	ng/ul	95
8) 1-Methylnaphthalene	12.504	142	414	0.057	ng/ul	92
10) Acenaphthylene	14.178	152	572	0.053	ng/ul#	77
11) Acenaphthene	14.511	153	6615	0.813	ng/ul	96
12) Fluorene	15.506	166	7240	0.867	ng/ul	97
15) Phenanthrene	17.247	178	12958	1.021	ng/ul	93
16) Anthracene	17.340	178	2958	0.246	ng/ul	95
19) Fluoranthene	19.267	202	28596	1.671	ng/ul#	92
20) Pyrene	19.634	202	25219	1.386	ng/ul#	91
21) Benzo(a)anthracene	21.385	228	8947	0.914	ng/ul	94
22) Chrysene	21.441	228	8445	0.463	ng/ul	97
24) Benzo(b)fluoranthene	23.025	252	9424	1.231	ng/ul	88
25) Benzo(k)fluoranthene	23.066	252	4163m	0.395	ng/ul	
26) Benzo(a)pyrene	23.639	252	6350	0.760	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.208	276	4492	0.397	ng/ul#	99
29) Benzo(g,h,i)perylene	26.973	276	4191	0.381	ng/ul	95

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

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