Quantitation Report (Qedit)

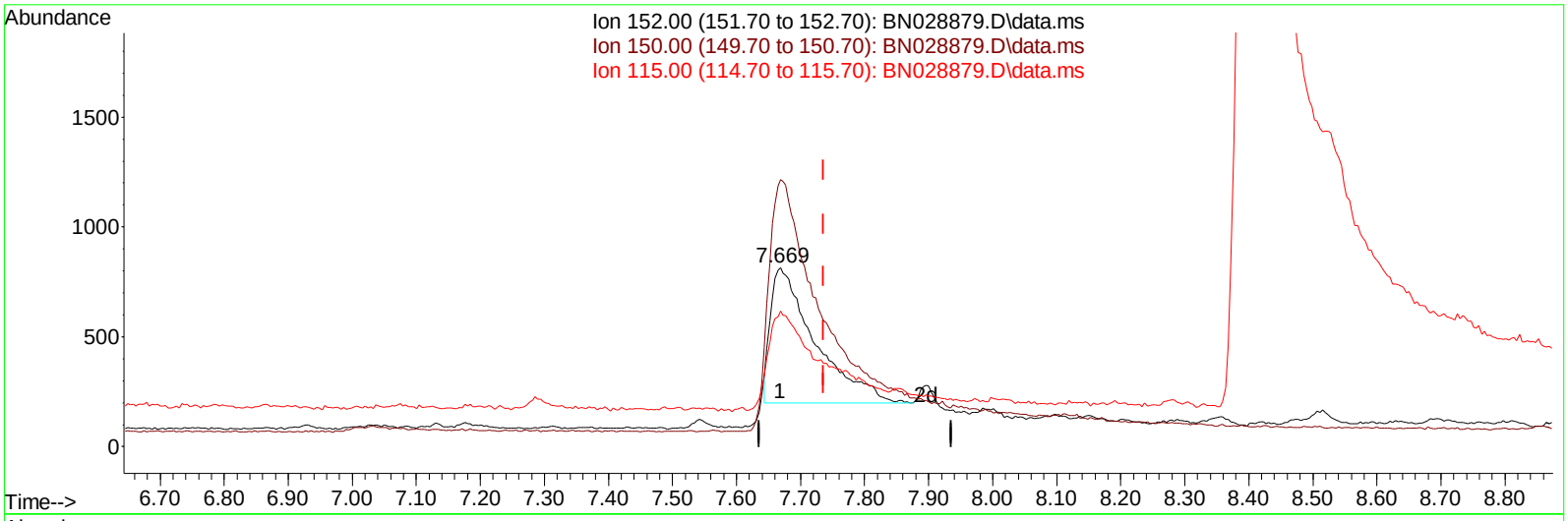
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028879.D
Acq On : 27 Nov 2023 14:52
Operator : MA/JU
Sample : 05261-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

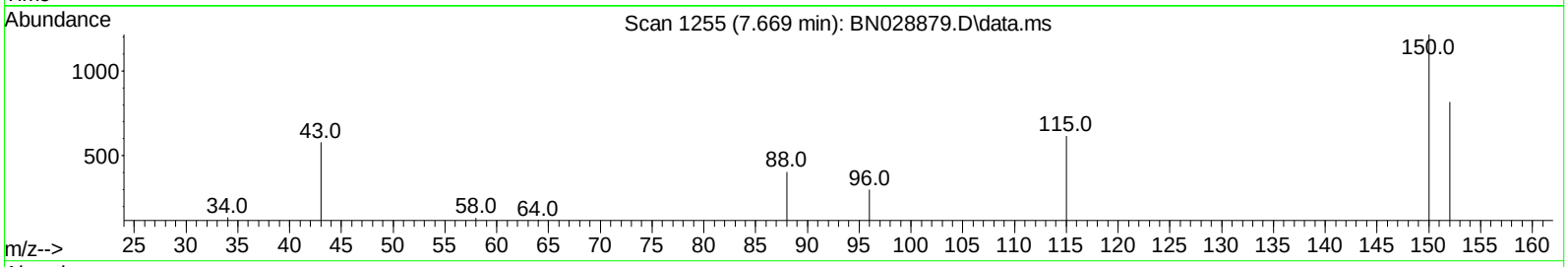
Quant Time: Nov 28 04:12:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

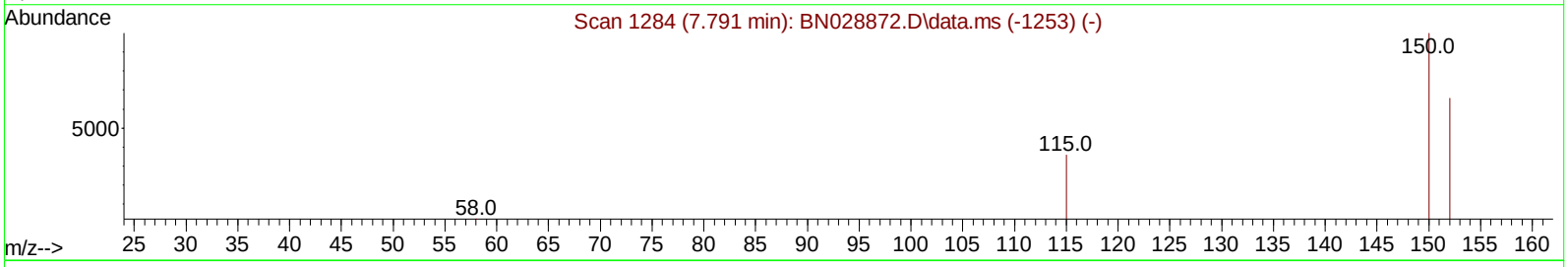
Instrument :
BNA_N
ClientSampleId :
DCKQ2DL

Manual IntegrationsAPPROVED

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







TIC: BN028879.D\data.ms

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

7.669min (-0.067) 0.40 ng/ul

response 2938

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	149.08
115.00	62.20	75.58#
0.00	0.00	0.00

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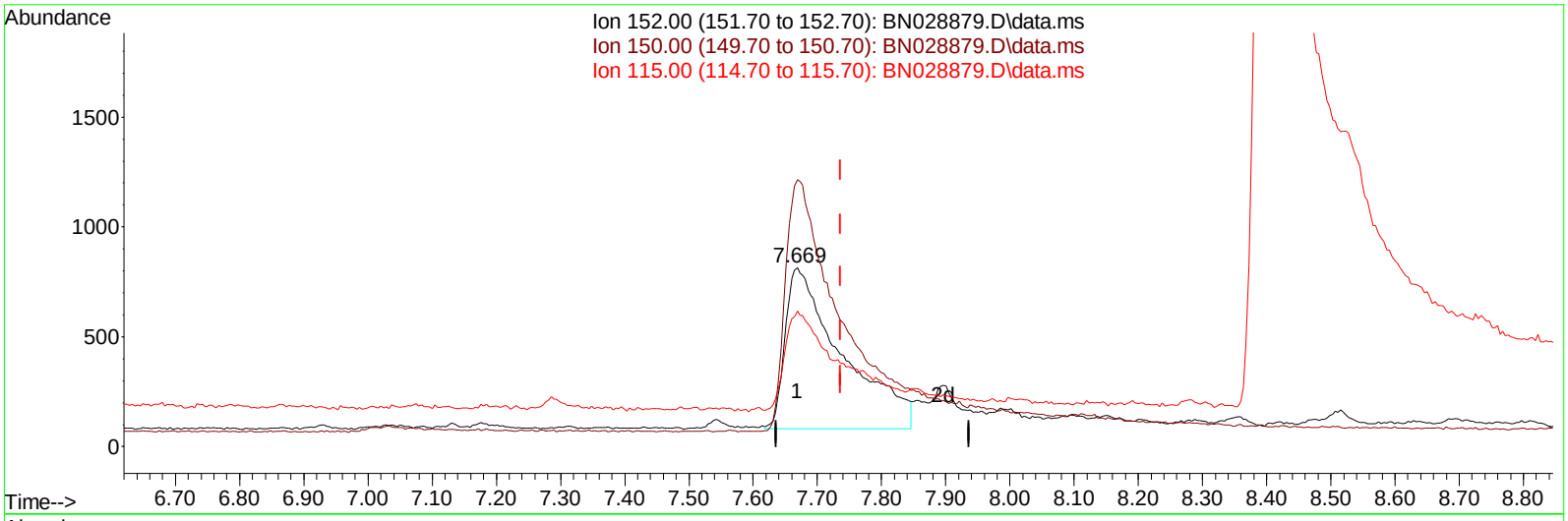

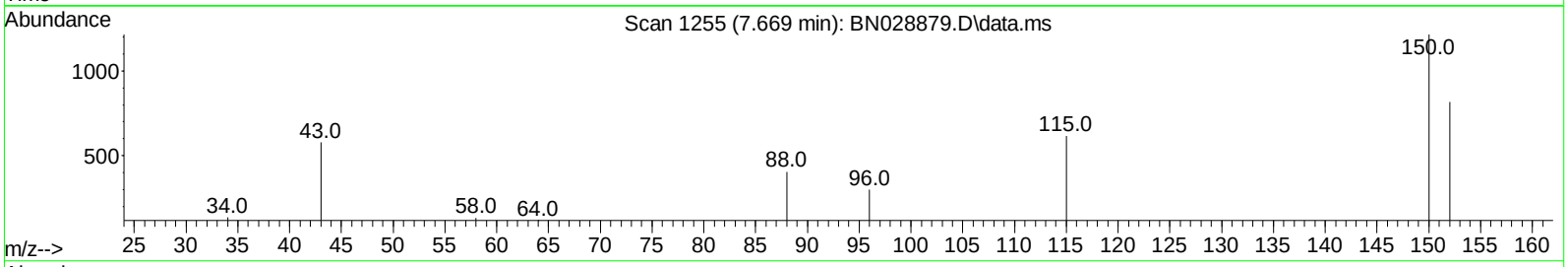

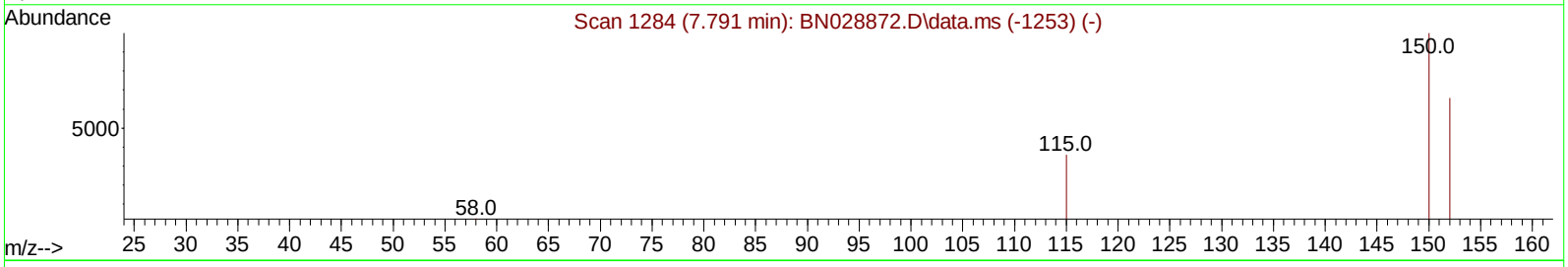

TIC: BN028879.D\data.ms

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

7.669min (-0.067) 0.40 ng/ul m

response 4496

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	149.08
115.00	62.20	75.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

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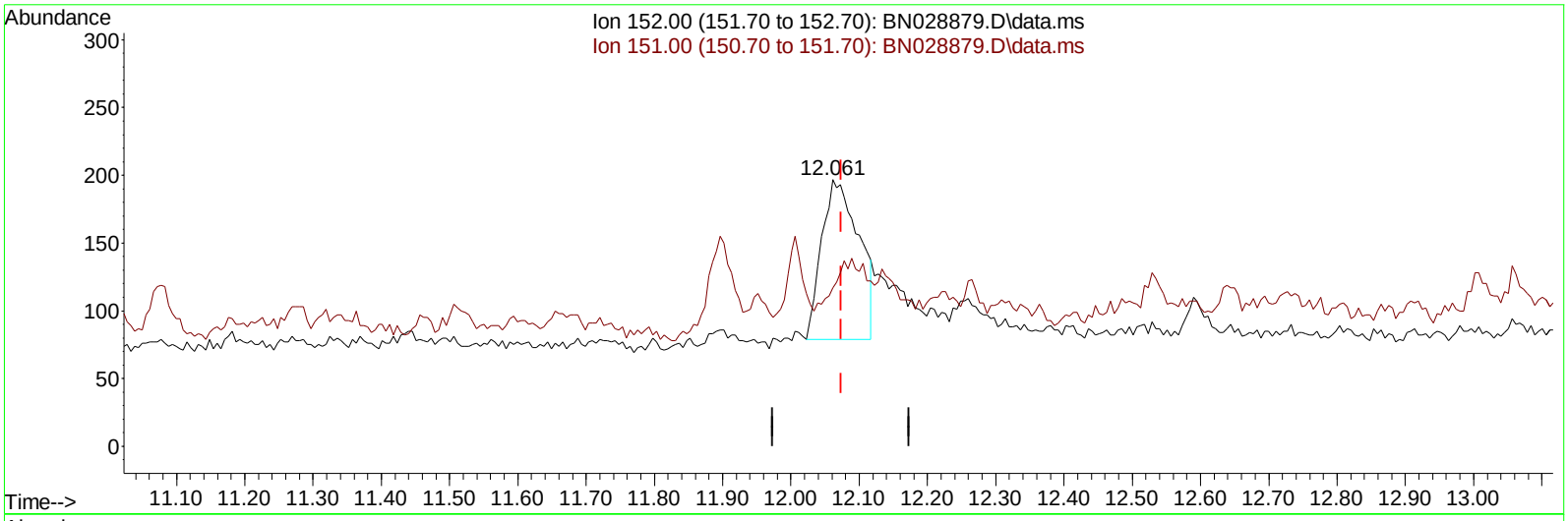

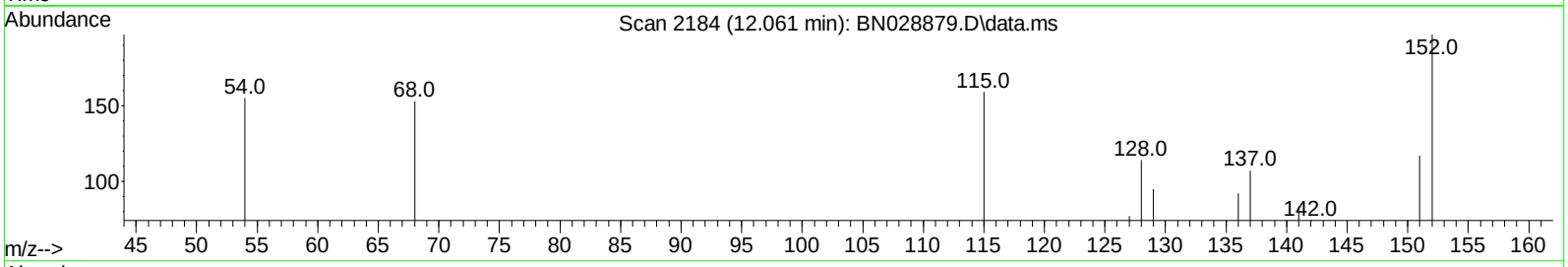

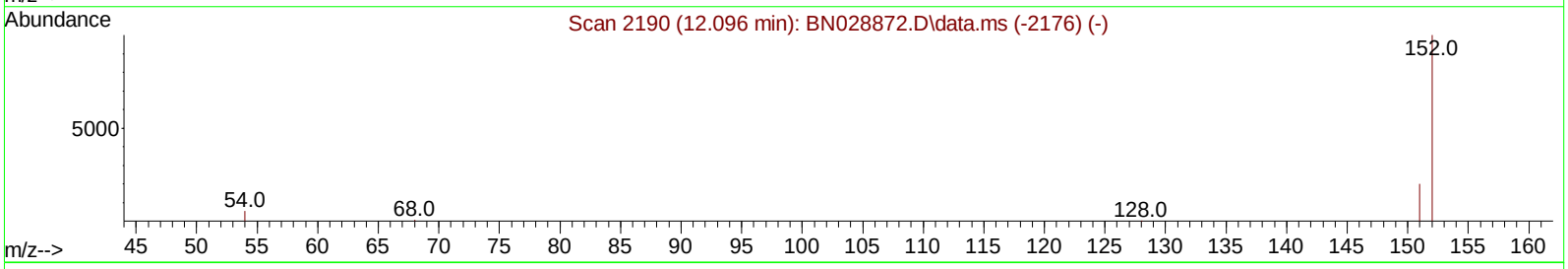

TIC: BN028879.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.061min (-0.012) 0.02 ng/ul

response 442

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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ClientSampleId :
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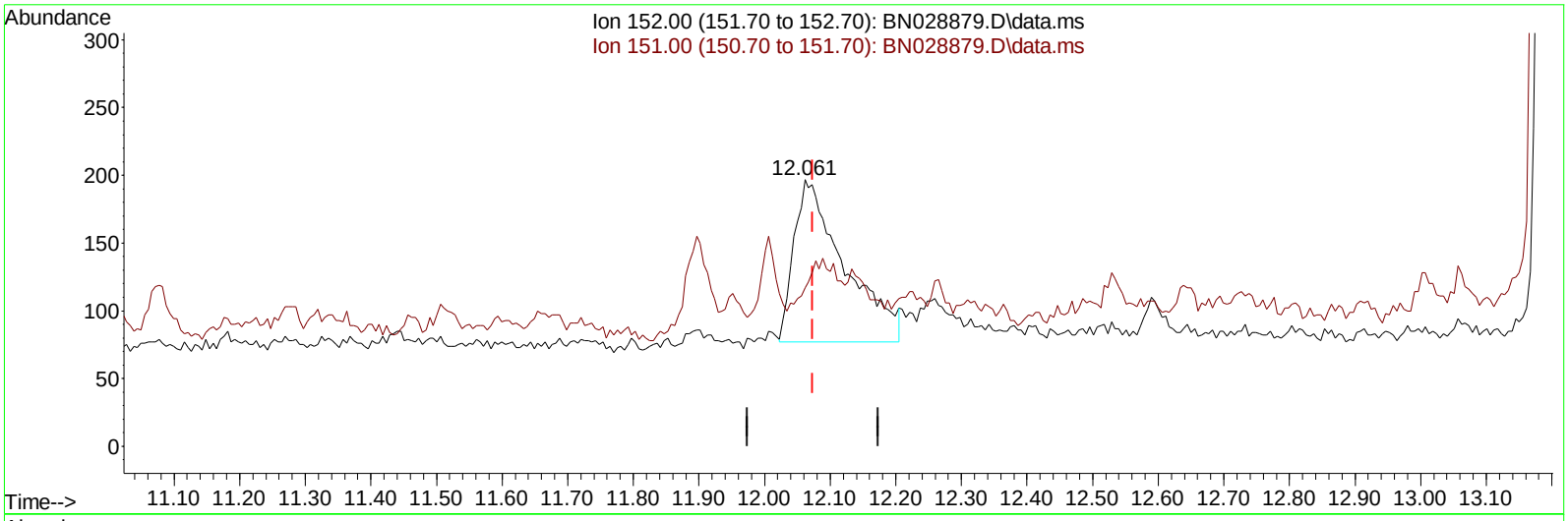

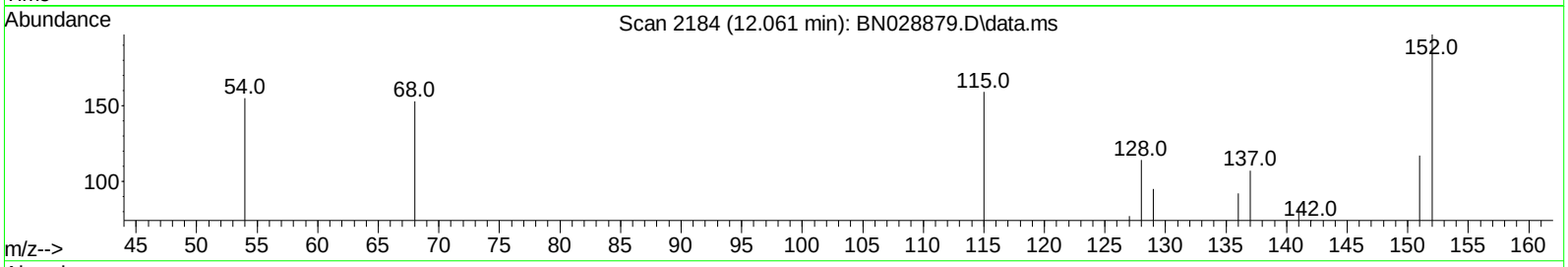

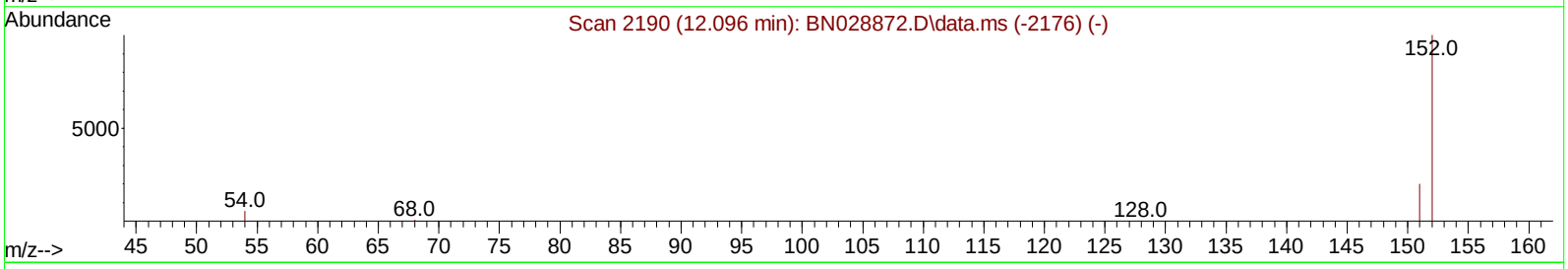

TIC: BN028879.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.061min (-0.012) 0.02 ng/ul m

response 639

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 9 Sample Multiplier: 1

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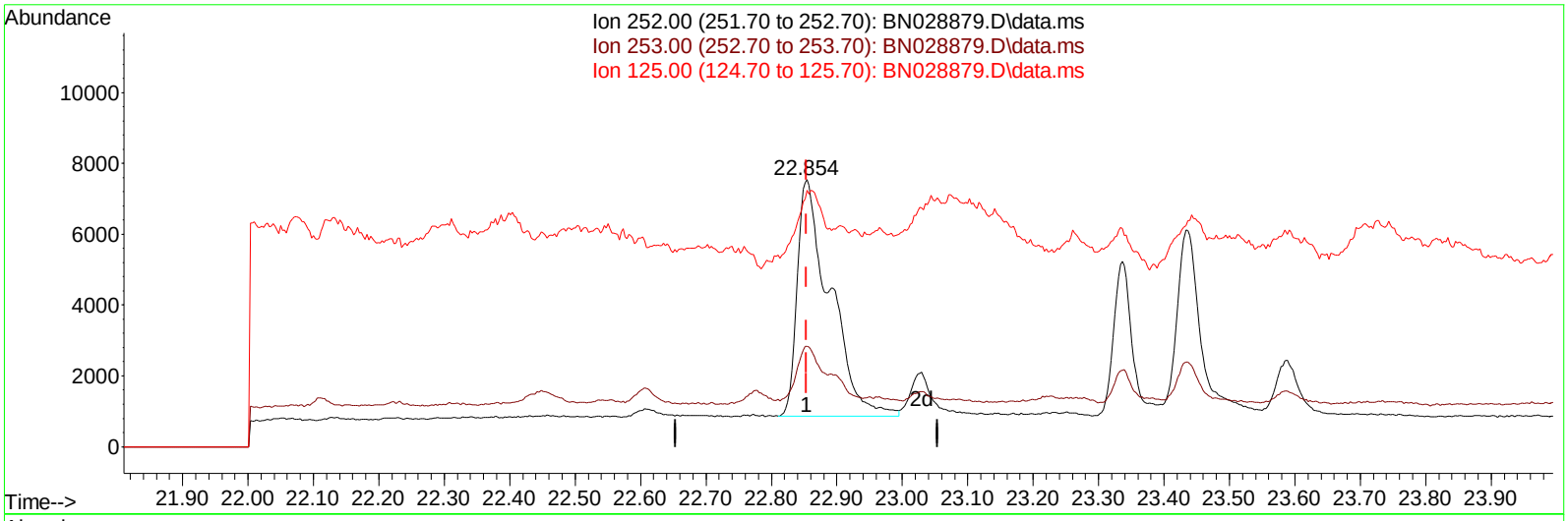

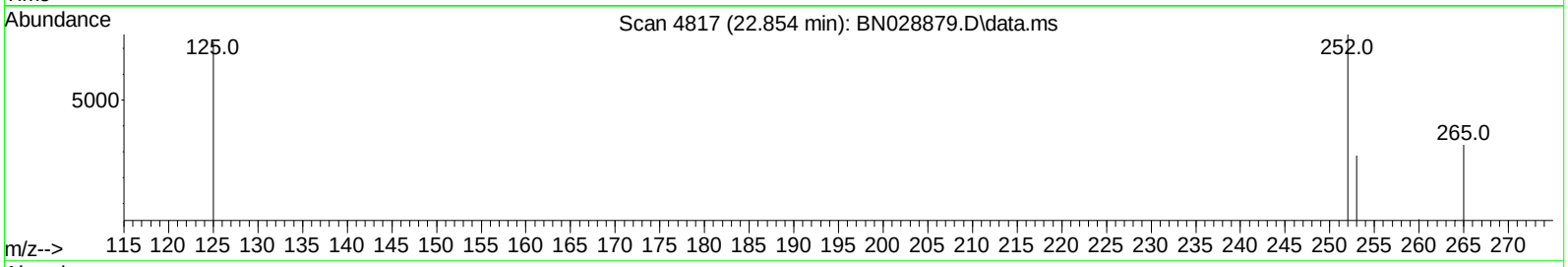

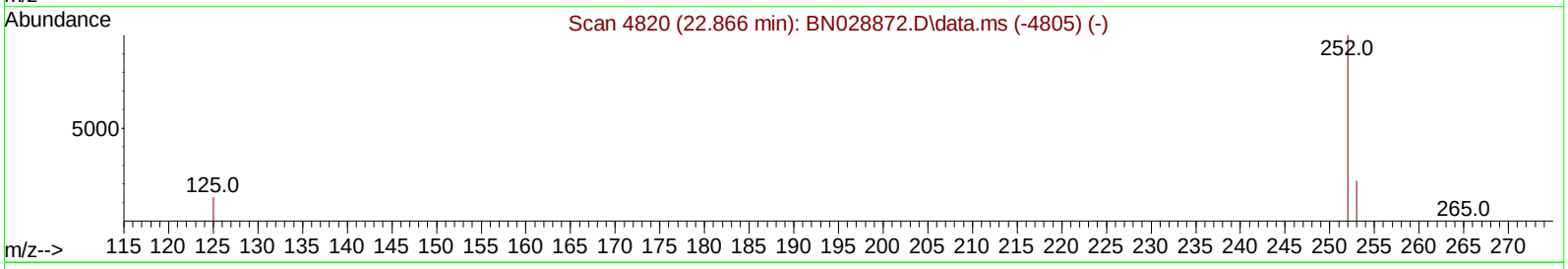

TIC: BN028879.D\data.ms

(24) Benzo(b)fluoranthene

22.854min (+ 0.000) 0.46 ng/ul

response 23374

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	37.68
125.00	13.80	96.11#
0.00	0.00	0.00

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Misc :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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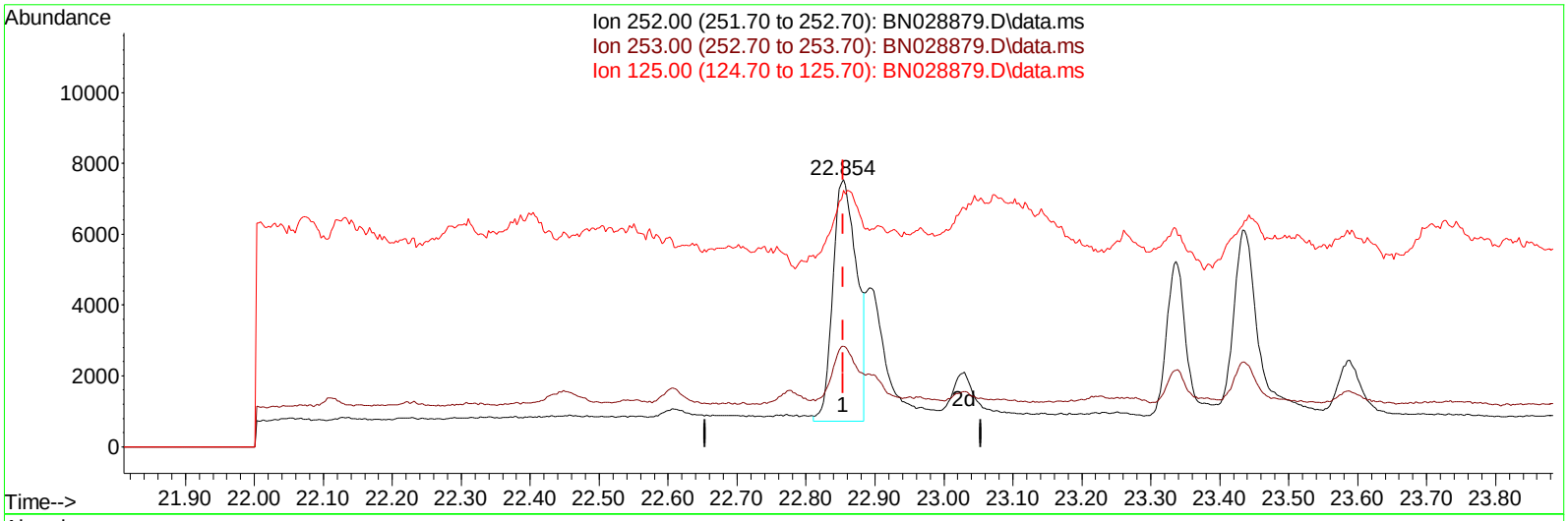

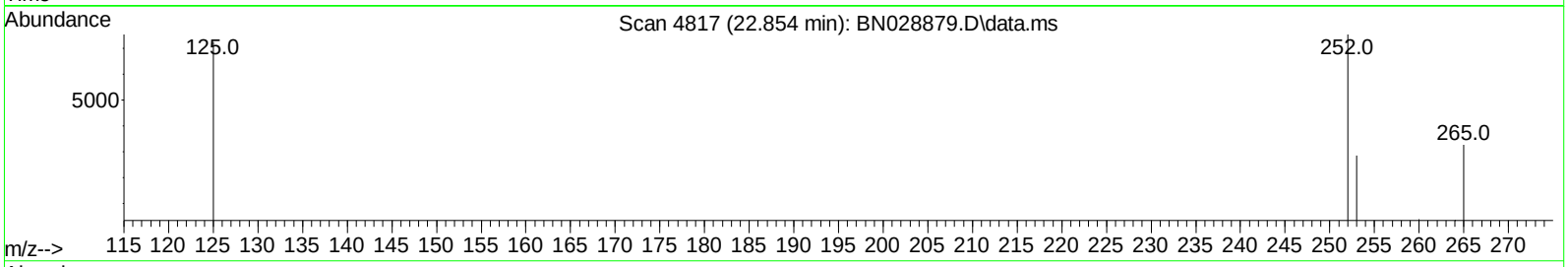

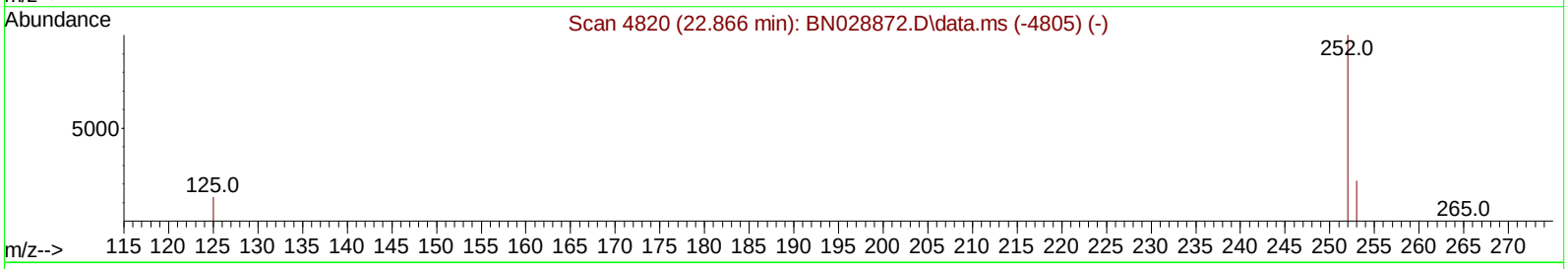

TIC: BN028879.D\data.ms

(24) Benzo(b)fluoranthene

22.854min (+ 0.000) 0.33 ng/ul m

response 16420

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	37.68
125.00	13.80	96.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

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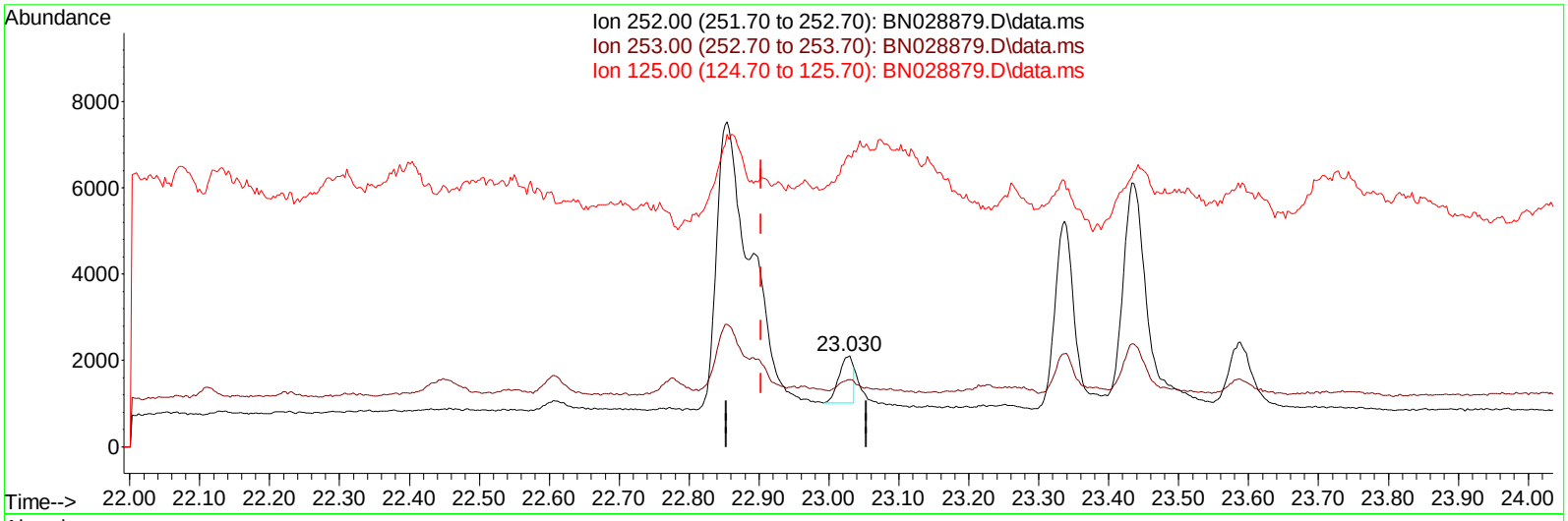

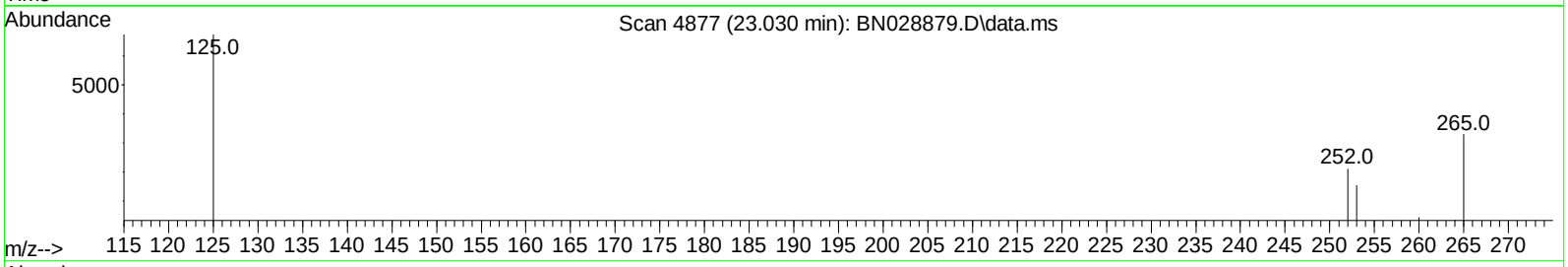

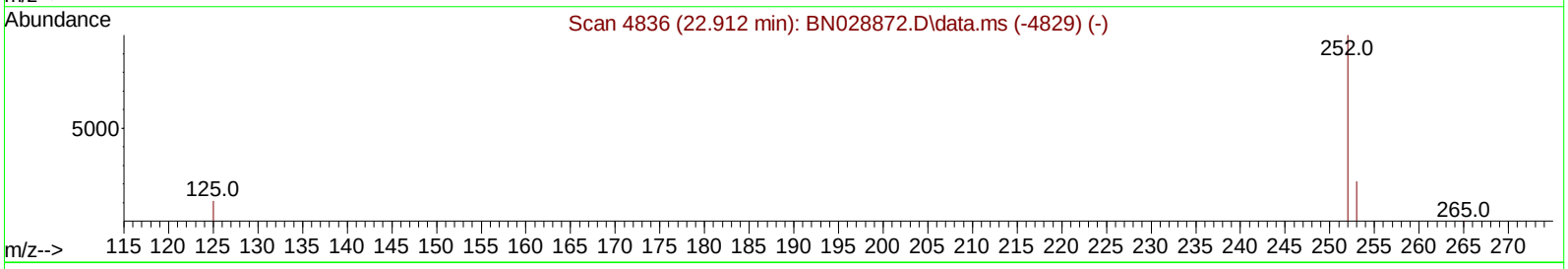

TIC: BN028879.D\data.ms

(25) Benzo(k)fluoranthene

23.030min (+ 0.126) 0.03 ng/ul

response 1534

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	73.54#
125.00	15.90	319.86#
0.00	0.00	0.00

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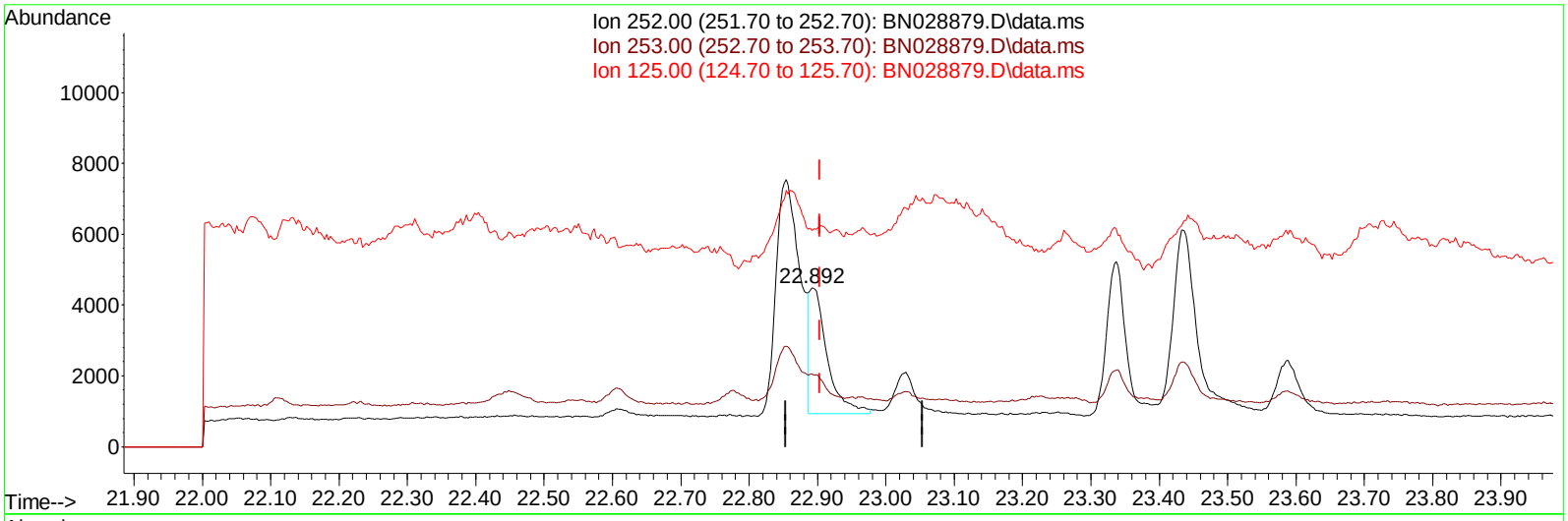

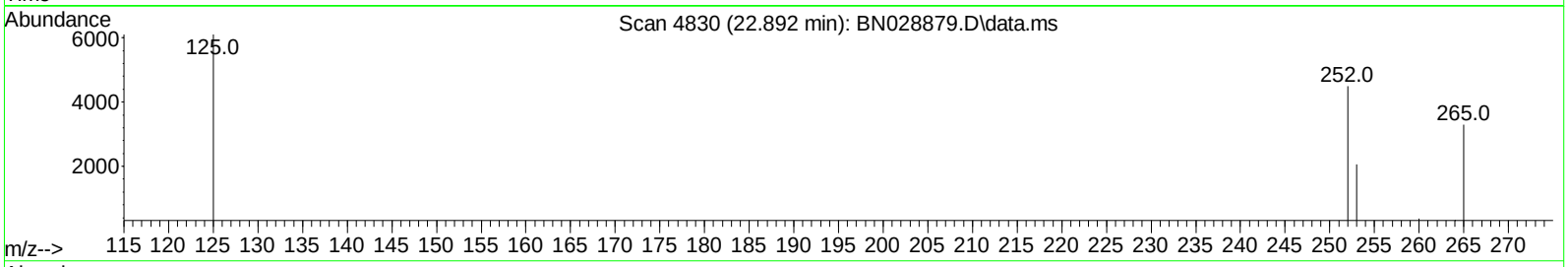

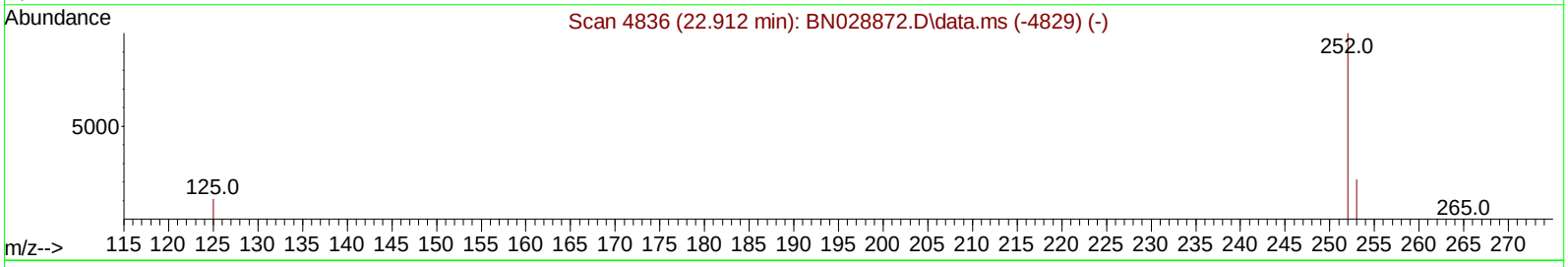

TIC: BN028879.D\data.ms

(25) Benzo(k)fluoranthene

22.892min (-0.011) 0.12 ng/ul m

response 6312

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	45.95#
125.00	15.90	136.05#
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	7.669	152	4496m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.434	136	17807	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.291	164	9122	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.050	188	14867	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.267	240	12603	0.400	ng/ul	# 0.00
23) Perylene-d12	23.535	264	13404	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.104	96	2631	0.529	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.061	152	639m	0.024	ng/ul	-0.01
18) Fluoranthene-d10	19.088	212	1355	0.033	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.483	128	2002	0.040	ng/ul#	69
11) Acenaphthene	14.352	153	1195	0.036	ng/ul	93
12) Fluorene	15.351	166	1431	0.037	ng/ul#	89
15) Phenanthrene	17.088	178	16676	0.365	ng/ul	96
16) Anthracene	17.181	178	4493	0.107	ng/ul#	79
19) Fluoranthene	19.116	202	29714	0.554	ng/ul	99
20) Pyrene	19.478	202	26316	0.474	ng/ul	97
21) Benzo(a)anthracene	21.250	228	14718	0.295	ng/ul#	83
22) Chrysene	21.302	228	9186	0.189	ng/ul#	80
24) Benzo(b)fluoranthene	22.854	252	16420m	0.326	ng/ul	
25) Benzo(k)fluoranthene	22.892	252	6312m	0.120	ng/ul	
26) Benzo(a)pyrene	23.433	252	11955	0.252	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.865	276	8658	0.164	ng/ul#	84
29) Benzo(g,h,i)perylene	26.576	276	8724	0.202	ng/ul#	57

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

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