Quantitation Report (Qedit)

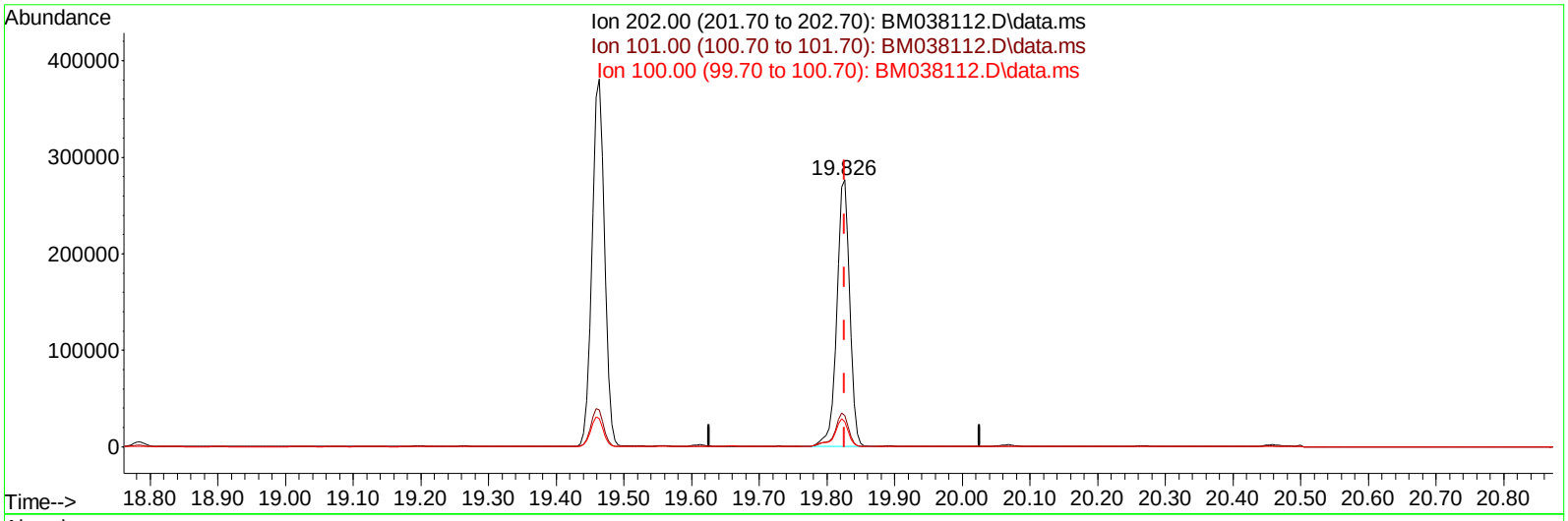
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038112.D
Acq On : 19 Dec 2022 21:00
Operator : CG/JU
Sample : N5925-16DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

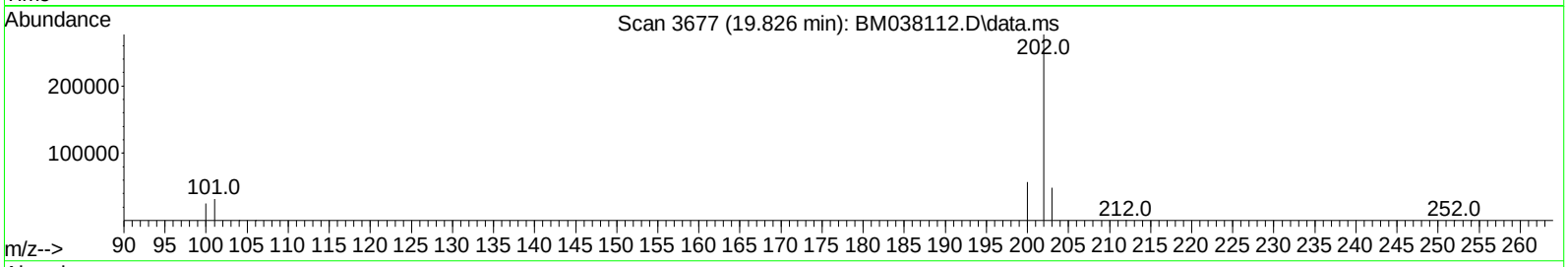
Quant Time: Dec 19 23:24:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration

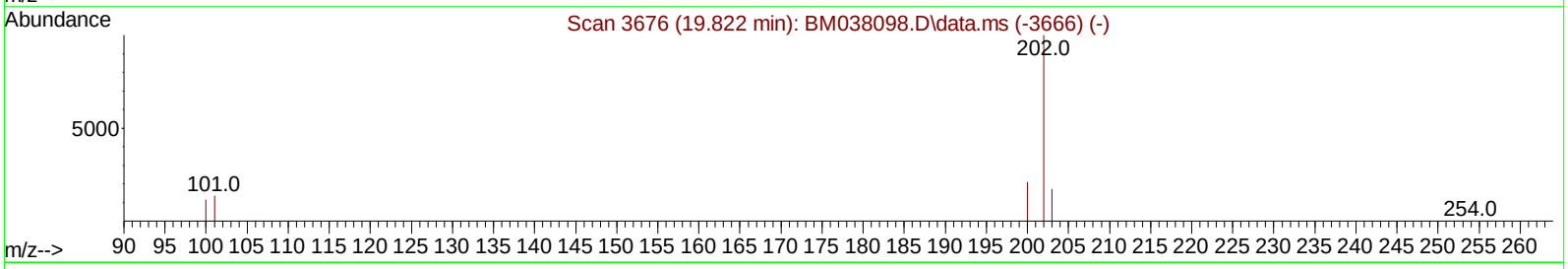
Instrument :
BNA_M
ClientSampleId :
DBYA3DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022







TIC: BM038112.D\data.ms

(20) Pyrene

19.826min (+ 0.000) 4.58 ng/ul

response 364877

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.10	11.64#
100.00	12.20	9.31#
0.00	0.00	0.00

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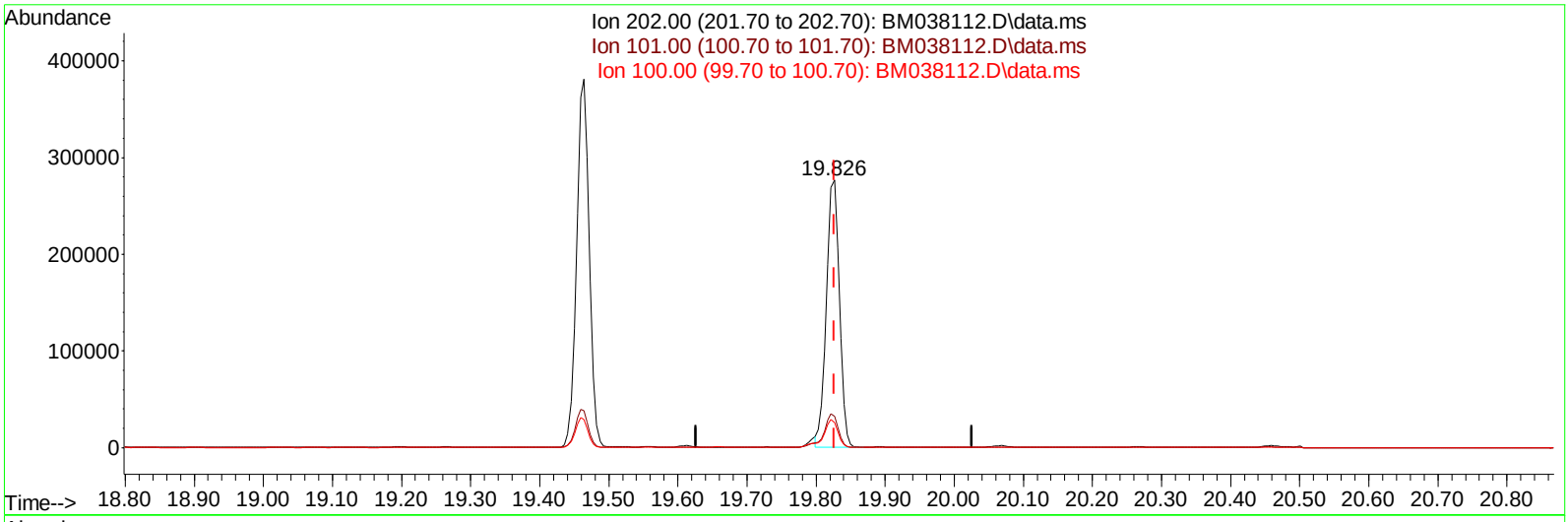

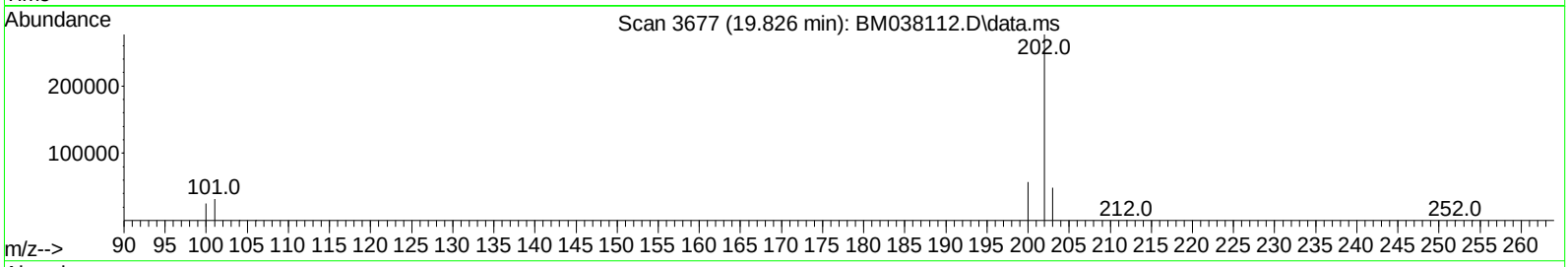

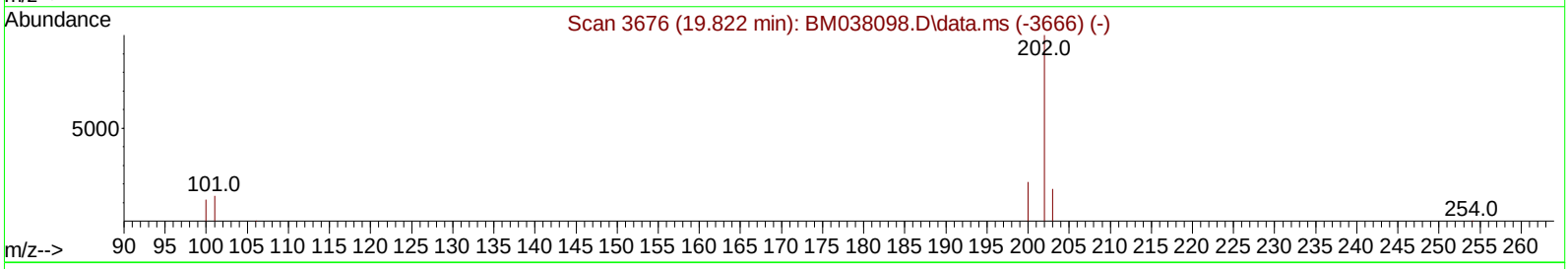

TIC: BM038112.D\data.ms

(20) Pyrene

19.826min (+ 0.000) 4.47 ng/ul m

response 356554

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.10	11.64#
100.00	12.20	9.31#
0.00	0.00	0.00

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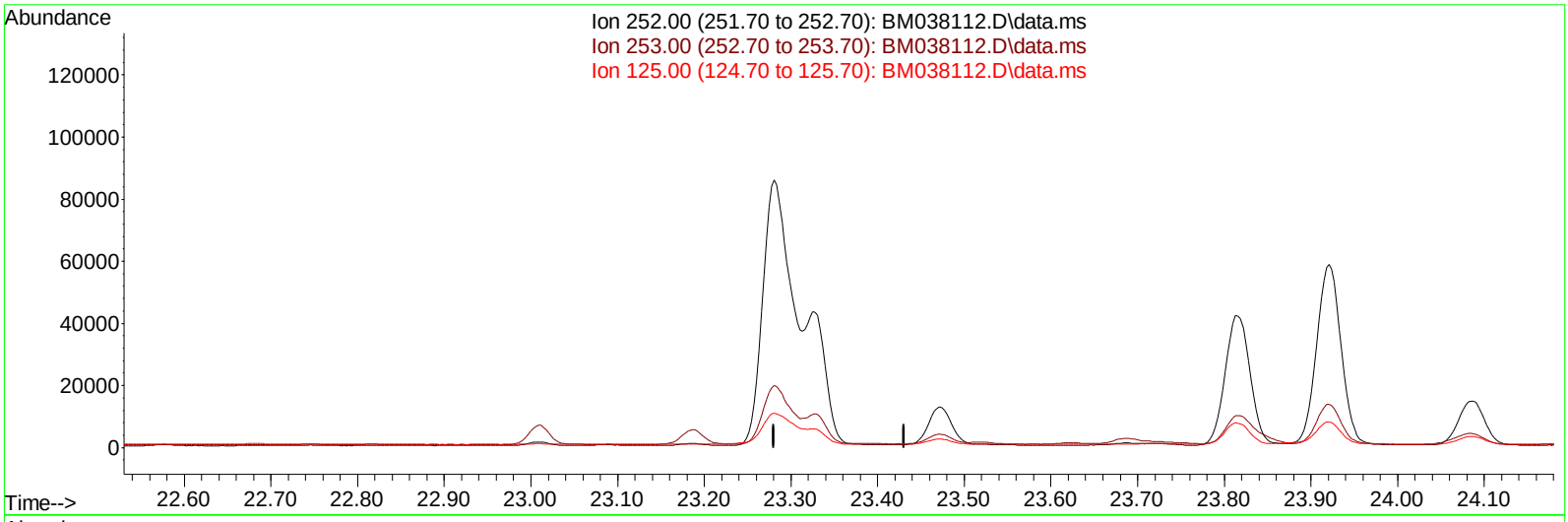

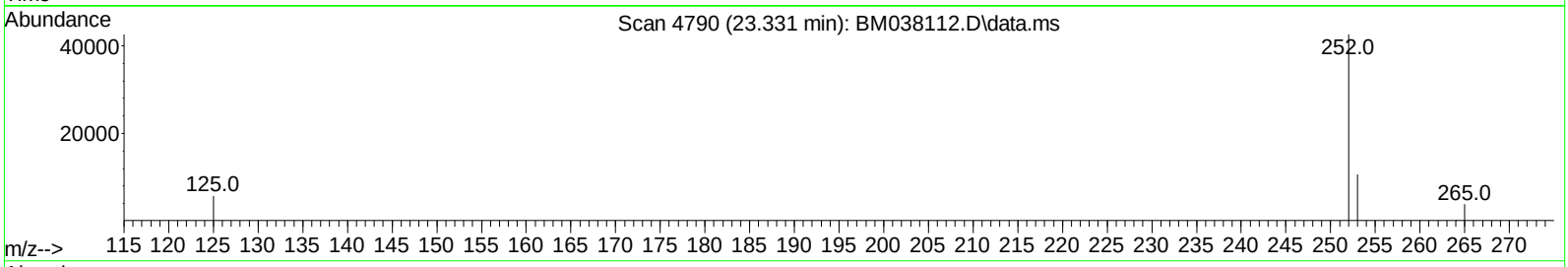

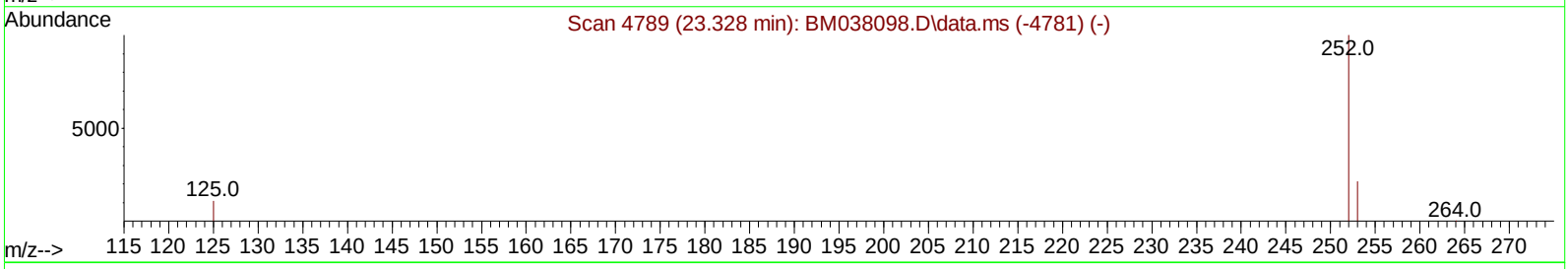

TIC: BM038112.D\data.ms

(25) Benzo(k)fluoranthene

23.330min (-23.330) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	26.00	0.00#
125.00	21.40	0.00#
0.00	0.00	0.00

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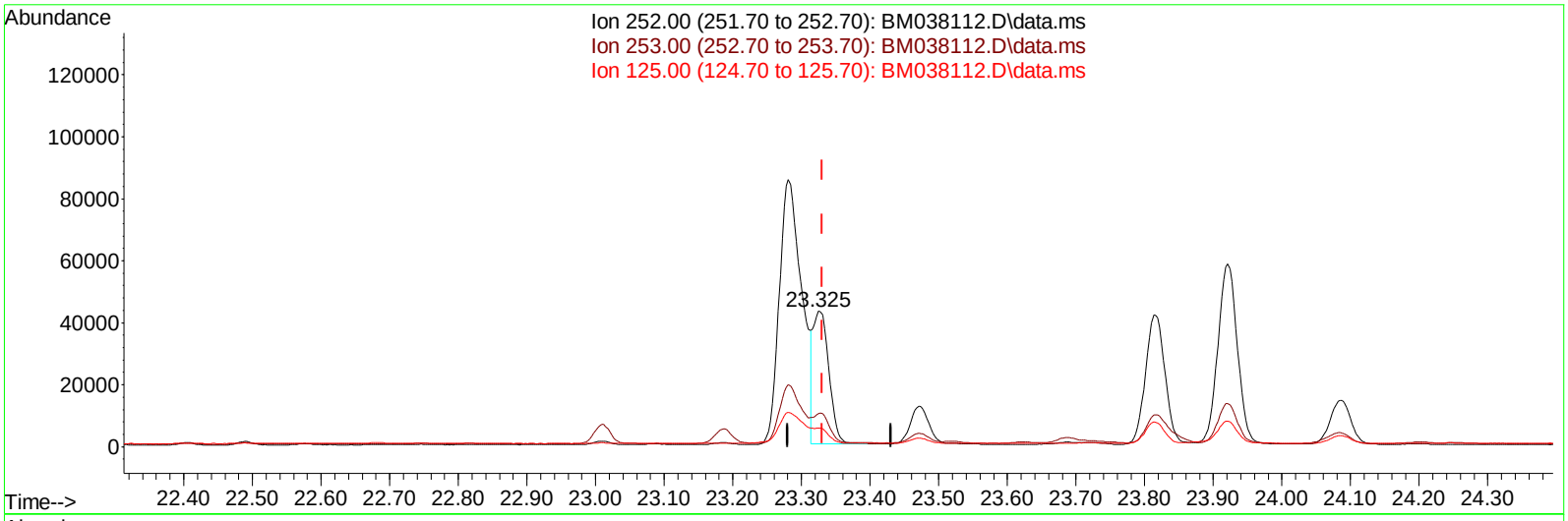

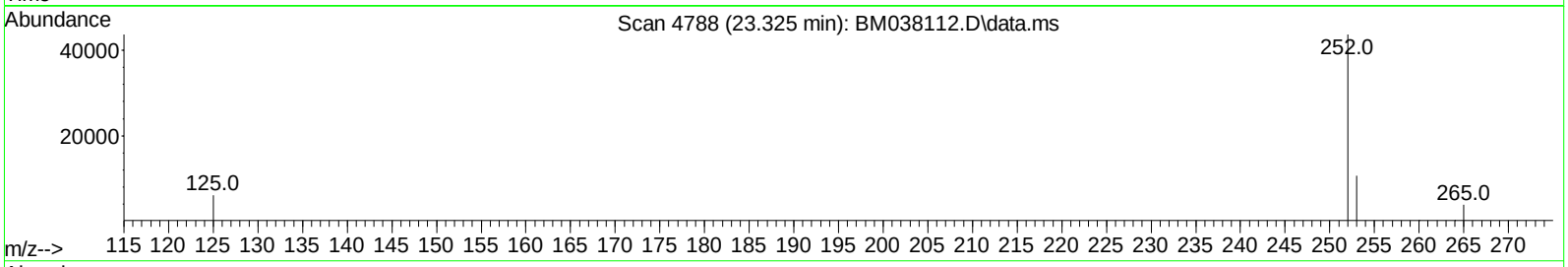

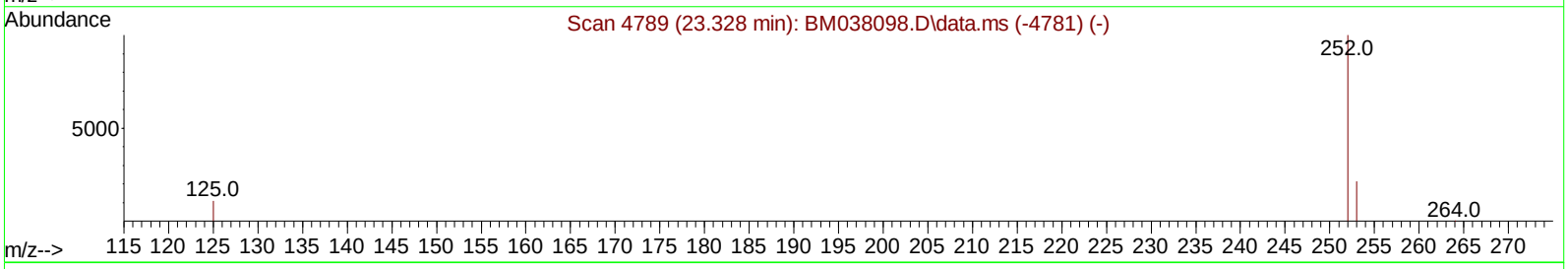

TIC: BM038112.D\data.ms

(25) Benzo(k)fluoranthene

23.325min (-0.006) 1.06 ng/ul m

response 69436

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.00	24.36
125.00	21.40	13.95#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM038112.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6155	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	19245	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.675	164	10513	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	21142	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	15117	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	14327	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	5745	0.683	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	1465	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	2659	0.049	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.917	128	4610	0.079	ng/ul#	95
7) 2-Methylnaphthalene	12.517	142	2955	0.082	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	3248	0.089	ng/ul	100
10) Acenaphthylene	14.398	152	5983	0.109	ng/ul#	94
11) Acenaphthene	14.740	153	14458	0.346	ng/ul	99
12) Fluorene	15.721	166	15790	0.341	ng/ul	99
14) Pentachlorophenol	17.067	266	192	0.022	ng/ul	94
15) Phenanthrene	17.455	178	283742	3.985	ng/ul	100
16) Anthracene	17.548	178	55419	0.842	ng/ul	99
19) Fluoranthene	19.464	202	487830	6.248	ng/ul#	93
20) Pyrene	19.826	202	356554m	4.473	ng/ul	
21) Benzo(a)anthracene	21.562	228	170796	2.615	ng/ul	100
22) Chrysene	21.618	228	156955	2.382	ng/ul	98
24) Benzo(b)fluoranthene	23.281	252	194117	2.857	ng/ul	89
25) Benzo(k)fluoranthene	23.325	252	69436m	1.059	ng/ul	
26) Benzo(a)pyrene	23.921	252	115425	2.017	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.589	276	80468	1.120	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.599	278	20724	0.370	ng/ul	95
29) Benzo(g,h,i)perylene	27.384	276	54461	0.893	ng/ul	96

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

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