

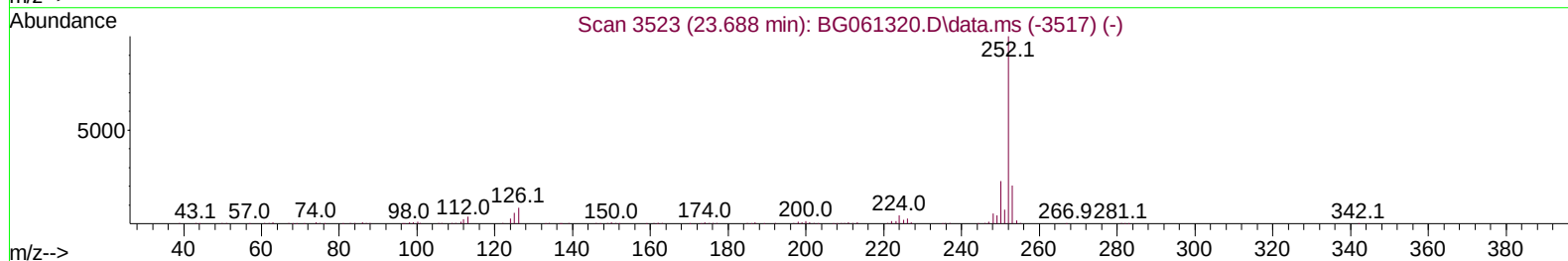
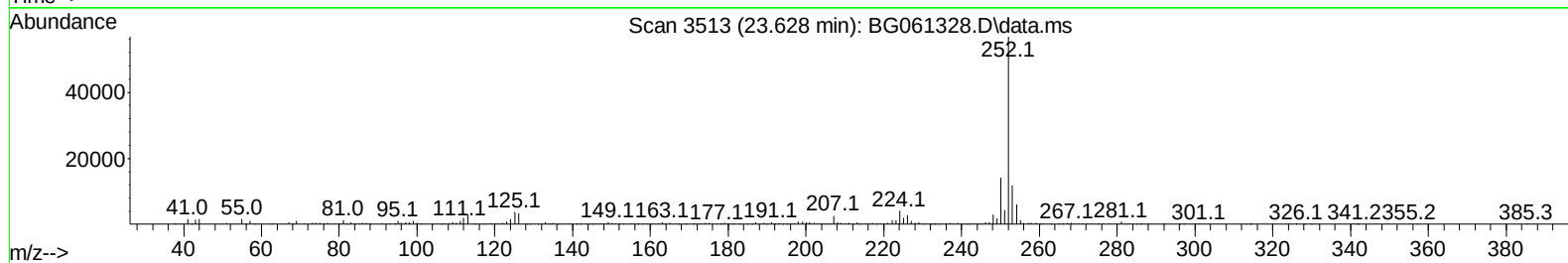
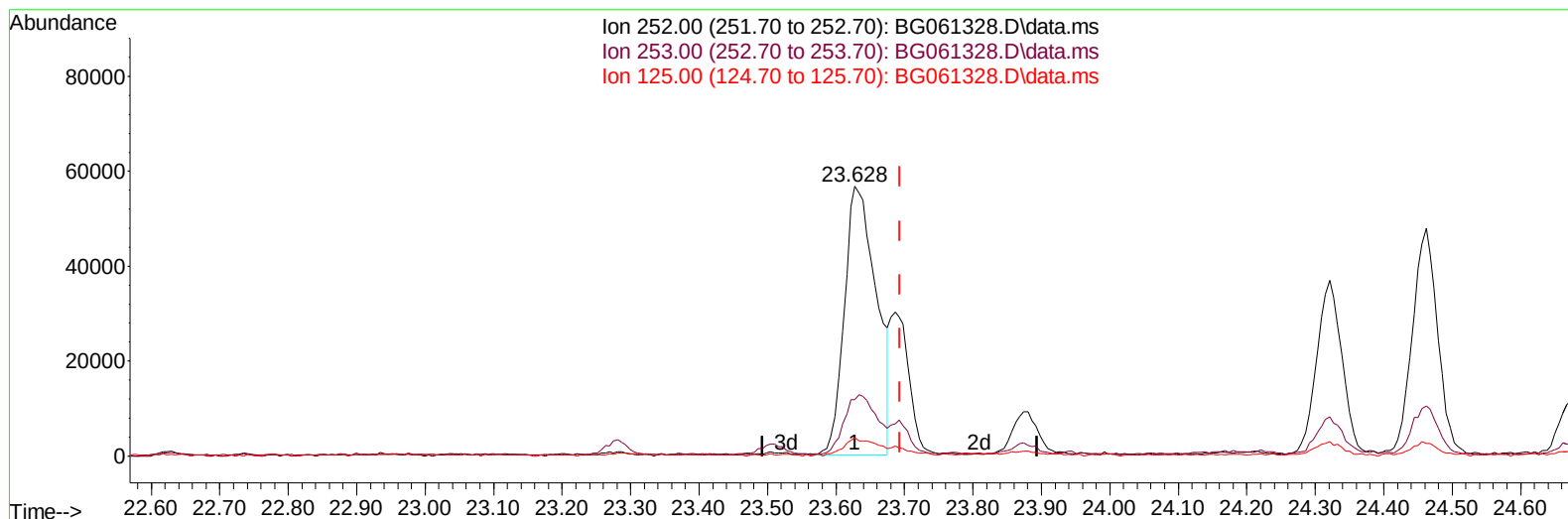
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 29 15:15:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



TIC: BG061328.D\data.ms

(91) Benzo(k)fluoranthene

23.628min (-0.066) 14.08 ng/u1

response 183589

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	20.86
125.00	5.40	6.72#
0.00	0.00	0.00

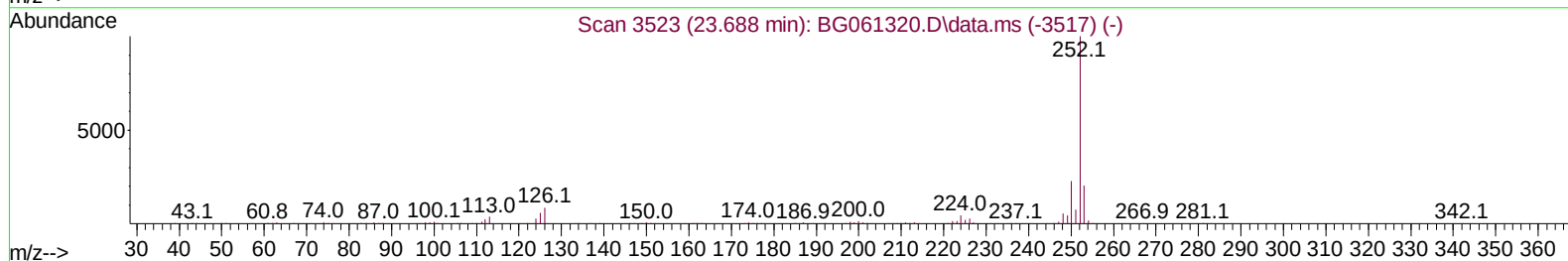
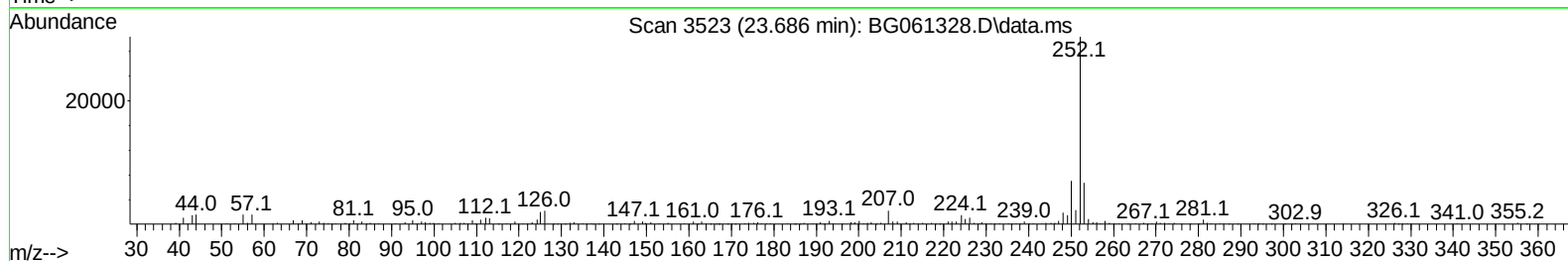
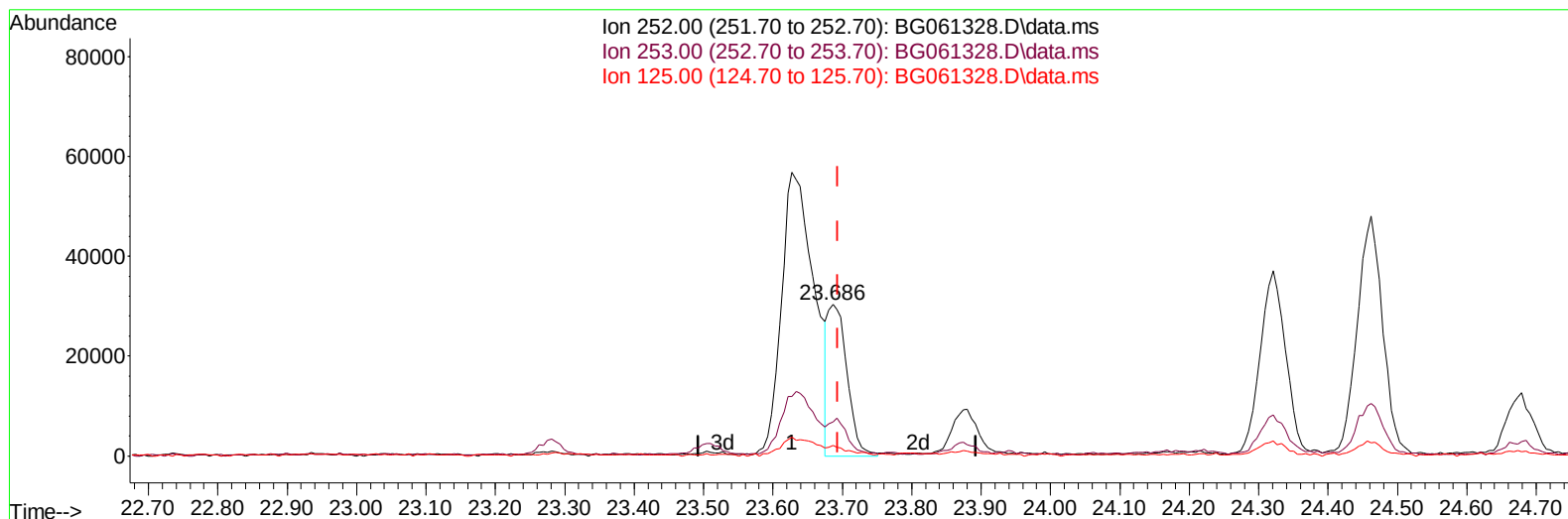
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(91) Benzo(k)fluoranthene

23.686min (-0.007) 4.50 ng/ul m

response 58722

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.55
125.00	5.40	6.97#
0.00	0.00	0.00

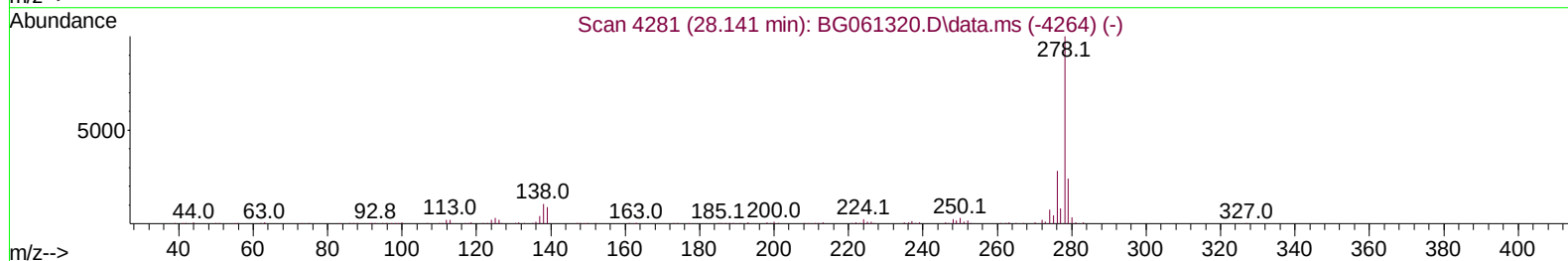
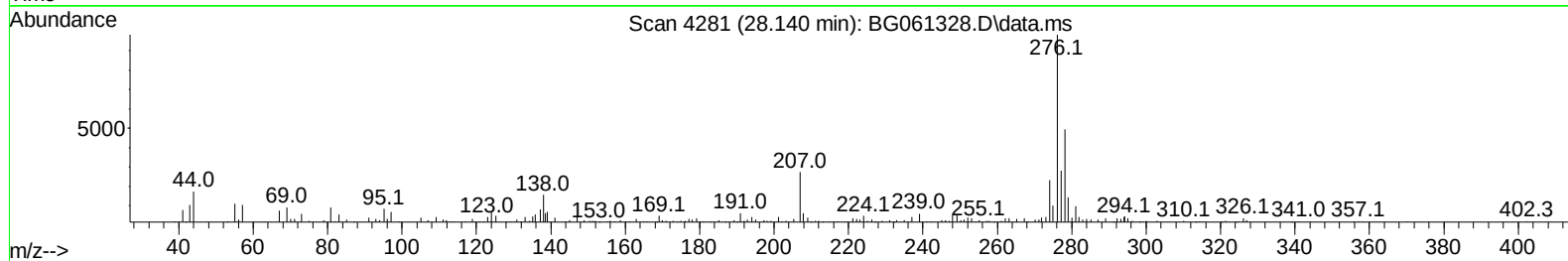
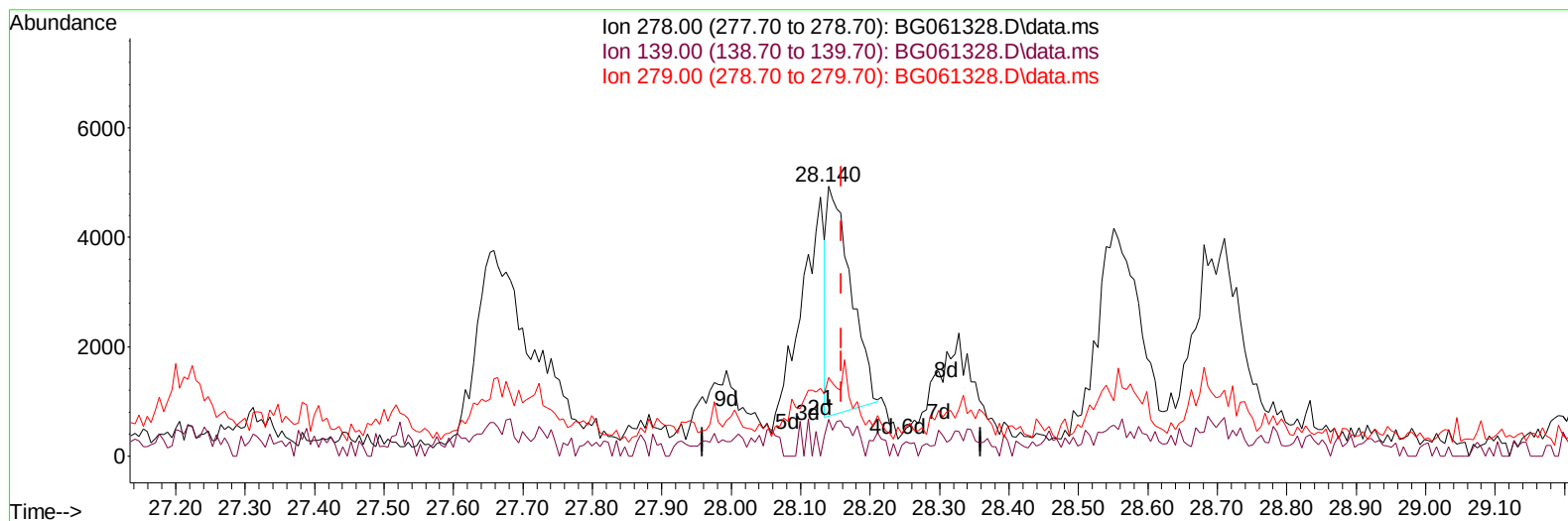
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TIC: BG061328.D\data.ms

(95) Dibenzo(a,h)anthracene

28.140min (-0.019) 0.81 ng/ul

response 9832

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	13.53#
279.00	24.90	29.12
0.00	0.00	0.00

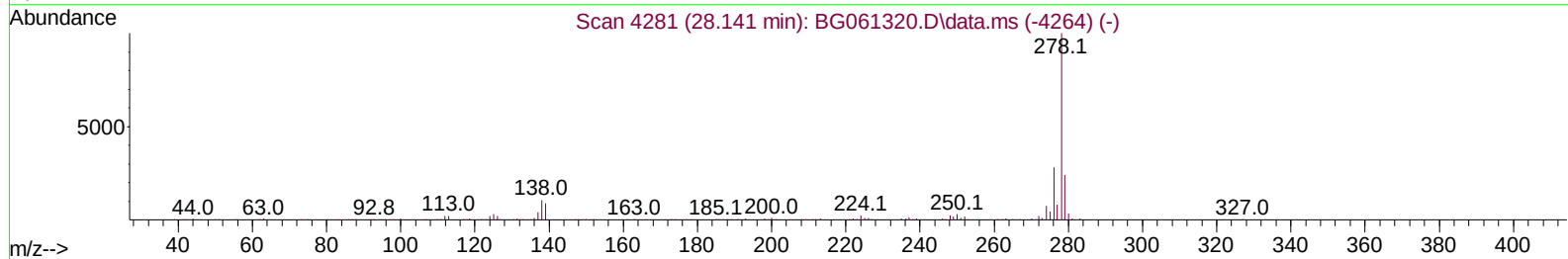
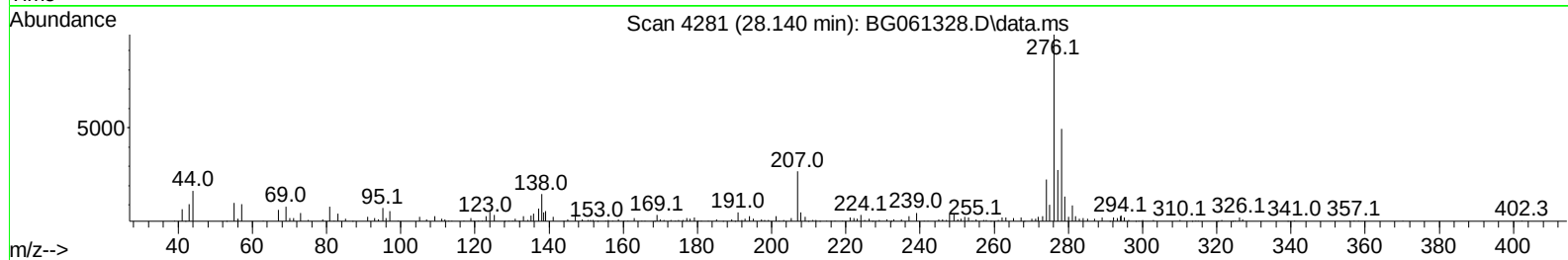
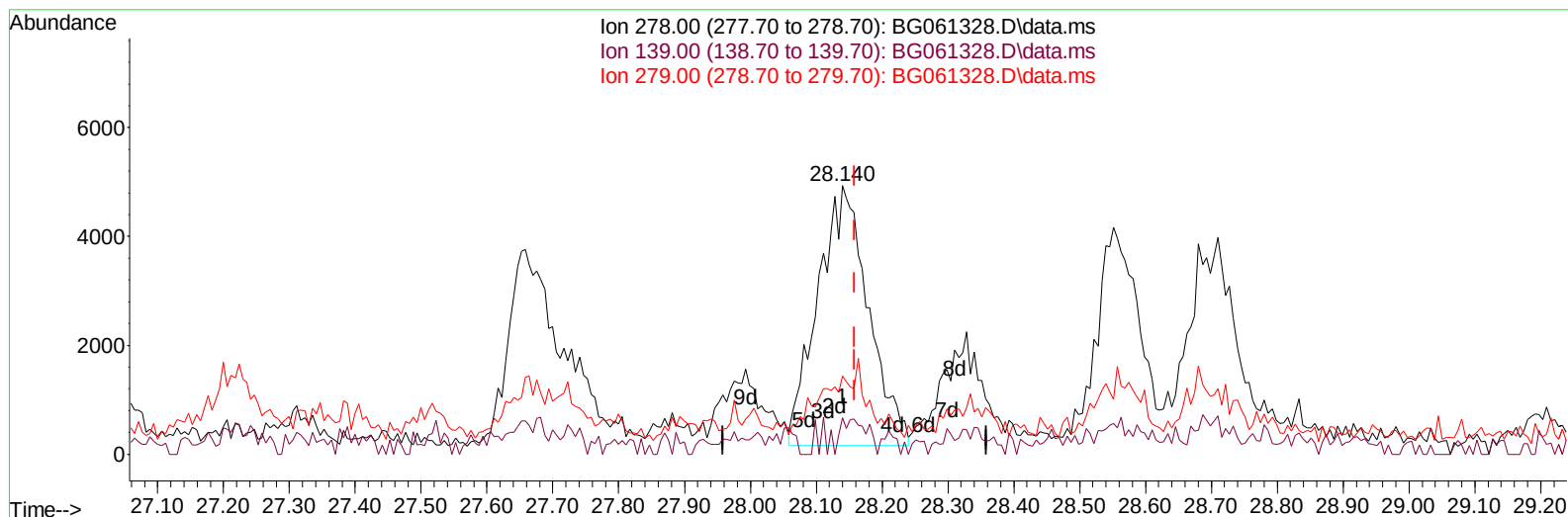
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Instrument :
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TIC: BG061328.D\data.ms

(95) Dibenzo(a,h)anthracene

28.140min (-0.019) 2.09 ng/ul m

response 25426

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	13.53#
279.00	24.90	29.12
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	7.881	152	25175	20.000	ng/ul	0.00
20) Naphthalene-d8	10.678	136	105747	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.515	164	83248	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.264	188	187912	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.518	240	191130	20.000	ng/ul	0.00
88) Perylene-d12	24.609	264	215741	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1365	3.034	ng/uL	0.00
4) Pyridine-d5	3.751	84	1522	0.951	ng/ul	0.00
7) Phenol-d5	7.065	99	32359	15.652	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	23552	18.125	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	27329	17.862	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	16525	9.374	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	15397	18.911	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.761	143	17641	18.514	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	32322	17.400	ng/ul	0.00
31) 4-Chloroaniline-d4	10.813	131	18662	7.679	ng/ul	0.00
46) Dimethylphthalate-d6	13.921	166	114548	17.741	ng/ul	0.00
49) Acenaphthylene-d8	14.209	160	126186	18.799	ng/ul	0.00
54) 4-Nitrophenol-d4	14.756	143	5800m	7.266	ng/ul	0.01
60) Fluorene-d10	15.508	176	103616	18.588	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	10948	9.633	ng/ul	0.00
73) Anthracene-d10	17.364	188	166977	20.155	ng/ul	0.00
81) Pyrene-d10	19.656	212	198631	20.240	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.397	264	206801	19.939	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	91844	10.070	ng/ul	100
74) Anthracene	17.394	178	16025	1.699	ng/ul	98
77) Carbazole	17.670	167	8566	1.117	ng/ul#	93
80) Fluoranthene	19.321	202	247173	20.995	ng/ul	99
82) Pyrene	19.685	202	225164	18.426	ng/ul	99
83) Butylbenzylphthalate	20.578	149	10203	2.430	ng/ul	99
85) Benzo(a)anthracene	21.501	228	136875	10.379	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.413	149	106196	17.090	ng/ul	98
87) Chrysene	21.565	228	133906	11.027	ng/ul	99
90) Benzo(b)fluoranthene	23.628	252	183589	14.293	ng/ul	97
91) Benzo(k)fluoranthene	23.686	252	58722m	4.503	ng/ul	
93) Benzo(a)pyrene	24.462	252	120432	9.874	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.111	276	82160	5.570	ng/ul	96
95) Dibenzo(a,h)anthracene	28.140	278	25426m	2.091	ng/ul	
96) Benzo(g,h,i)perylene	29.203	276	76753	6.541	ng/ul	96

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

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