

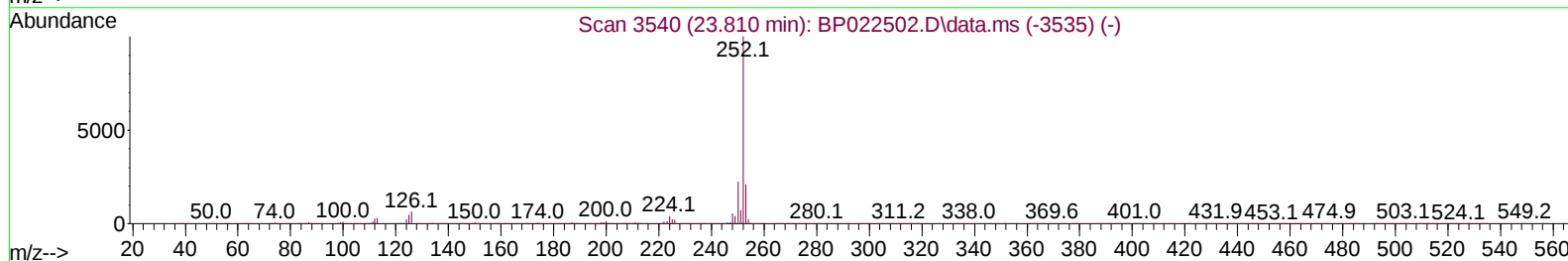
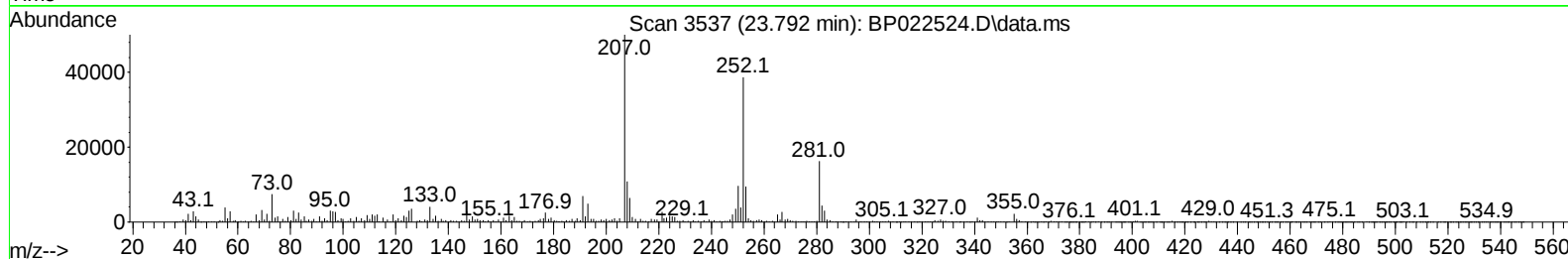
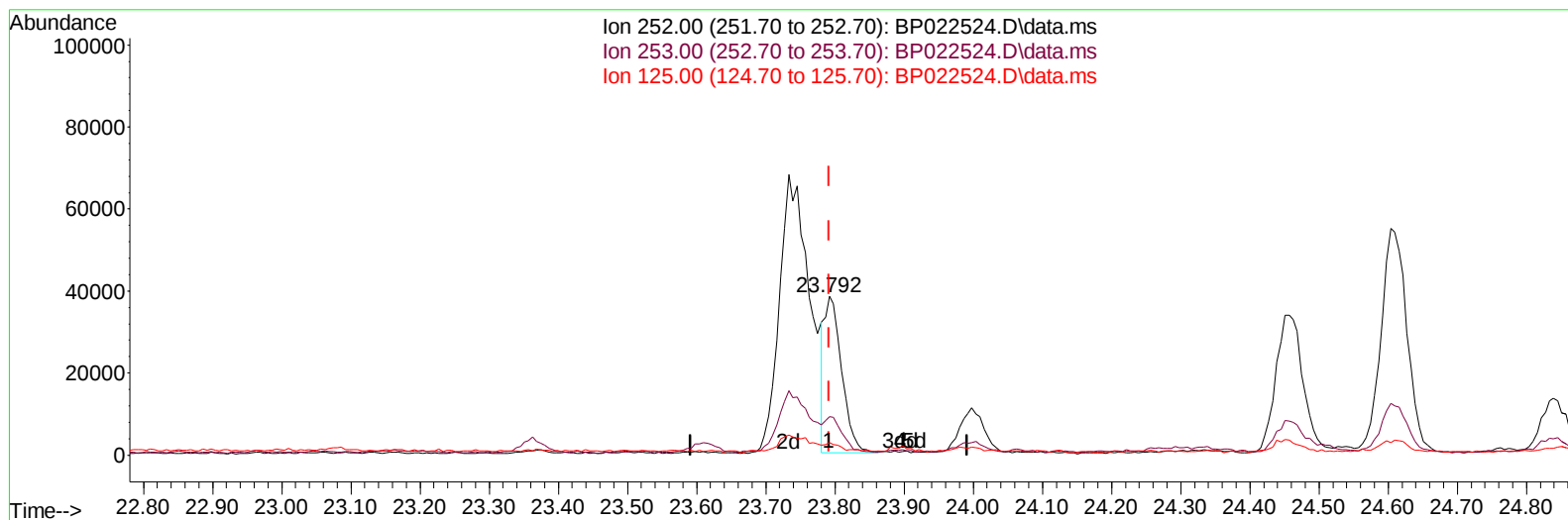
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022524.D
Acq On : 22 Oct 2024 04:19
Operator : RC/JU
Sample : P4414-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA2

Manual IntegrationsAPPROVED

Quant Time: Oct 22 04:58:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022524.D\data.ms

(91) Benzo(k)fluoranthene

23.792min (+ 0.000) 1.15 ng/u1

response 65034

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	24.36
125.00	5.70	7.69#
0.00	0.00	0.00

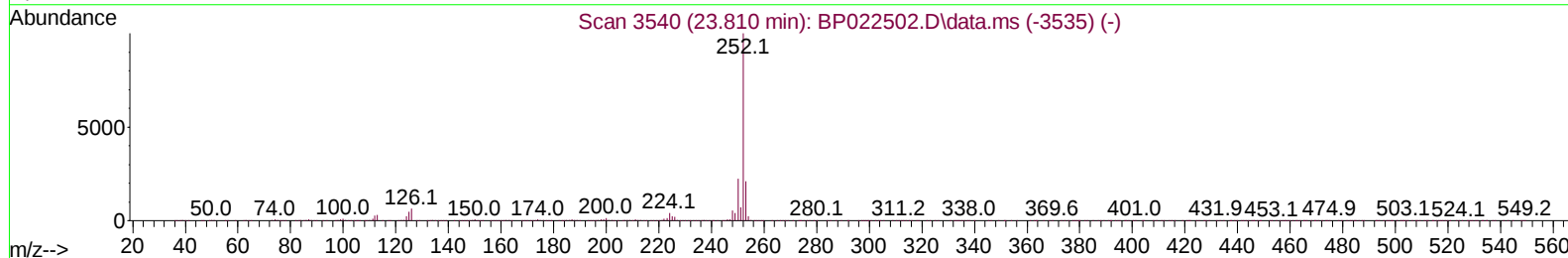
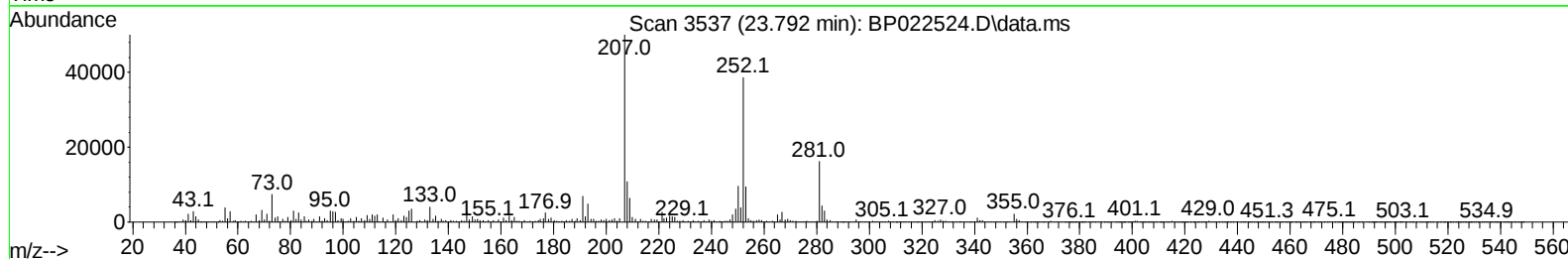
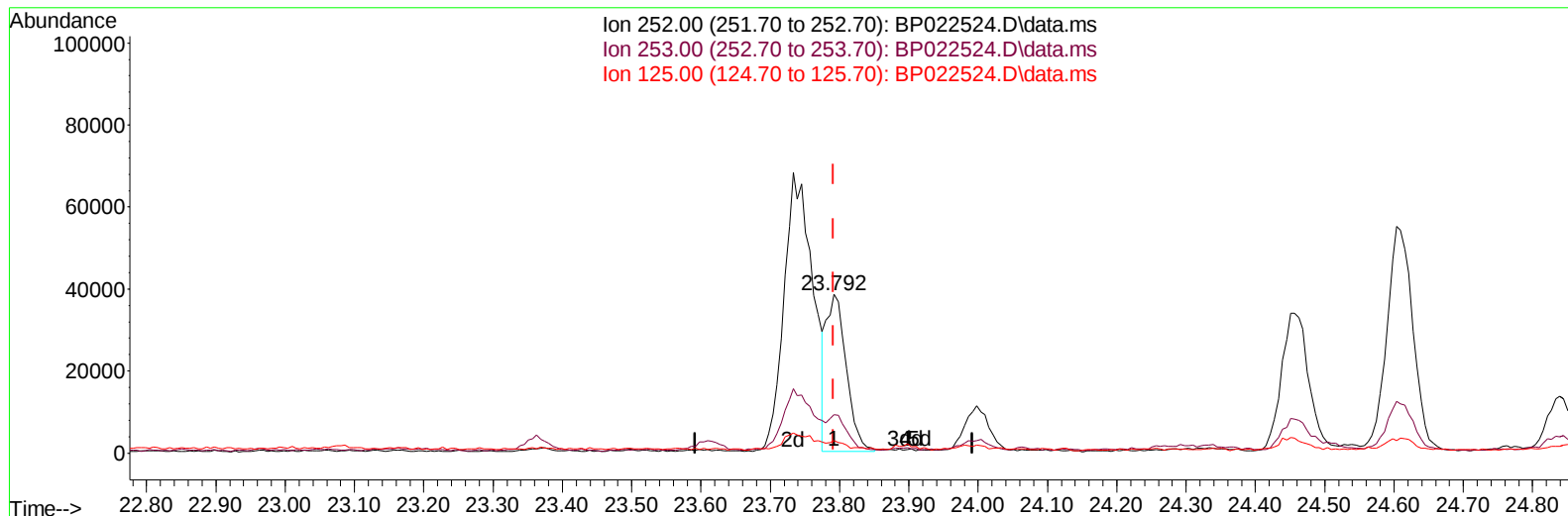
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(91) Benzo(k)fluoranthene

23.792min (+ 0.000) 1.36 ng/u1 m

response 76687

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	24.36
125.00	5.70	7.69#
0.00	0.00	0.00

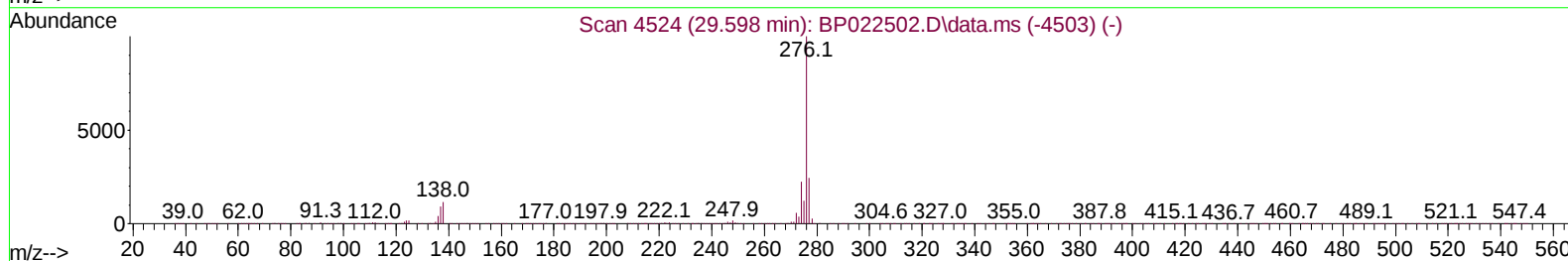
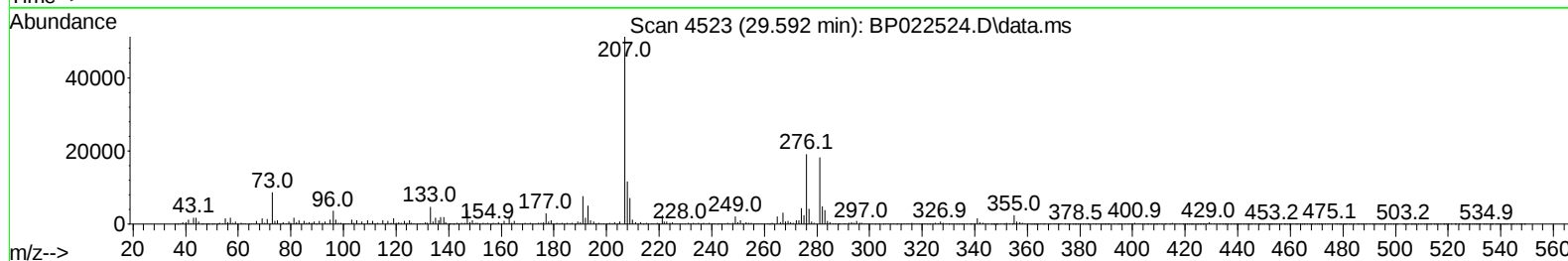
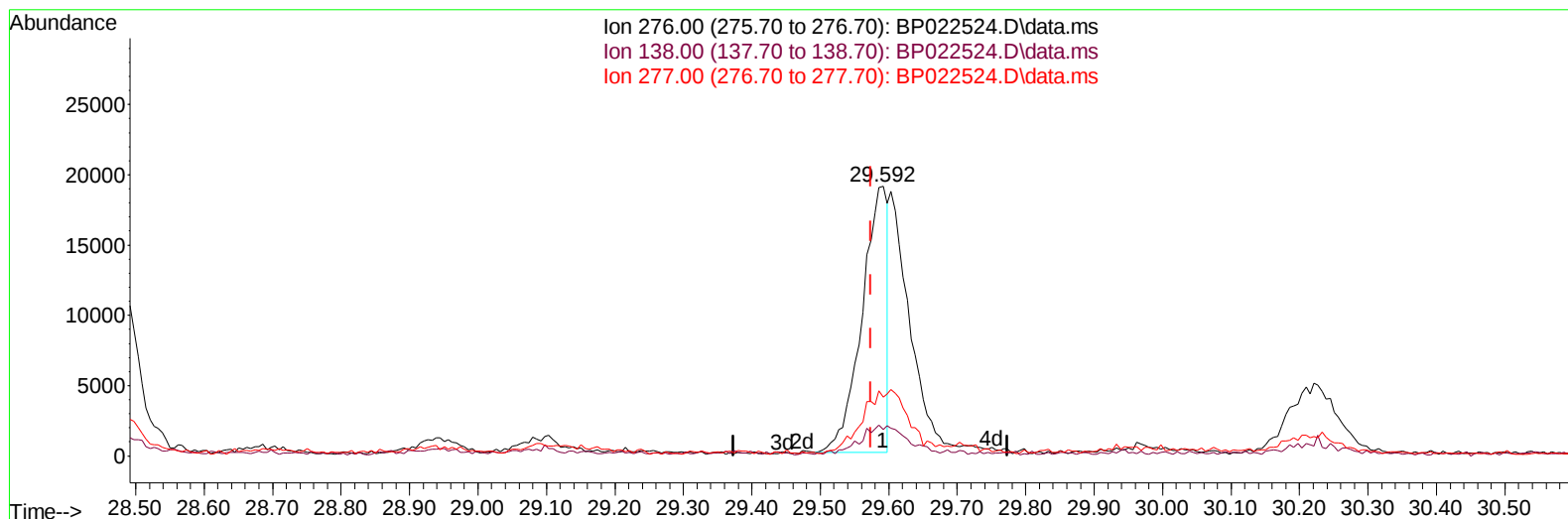
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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TIC: BP022524.D\data.ms

(96) Benzo(g,h,i)perylene

29.592min (+ 0.018) 0.89 ng/u1

response 49211

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	9.75
277.00	23.70	21.92
0.00	0.00	0.00

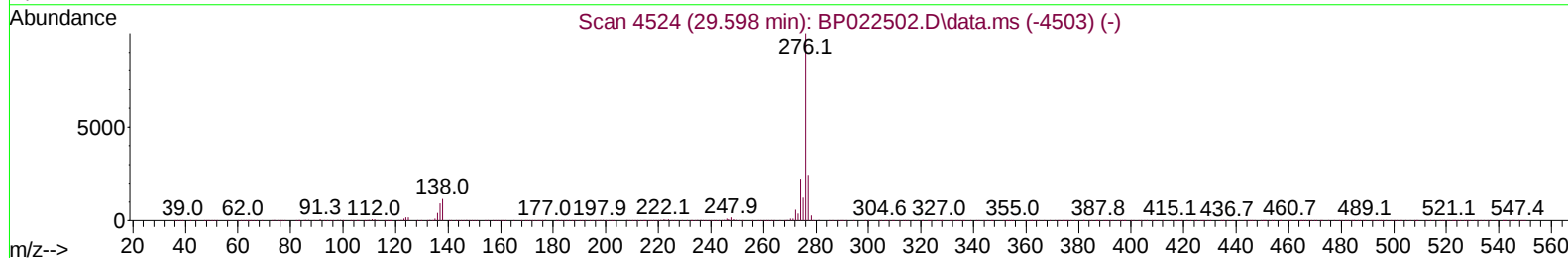
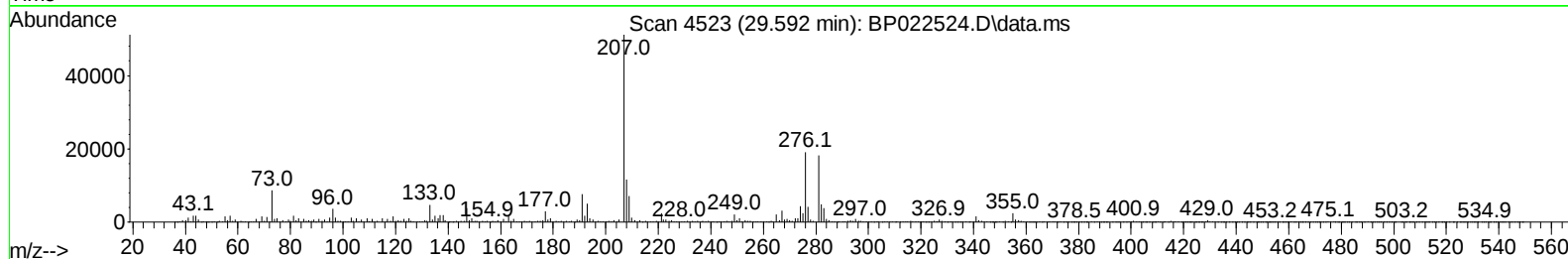
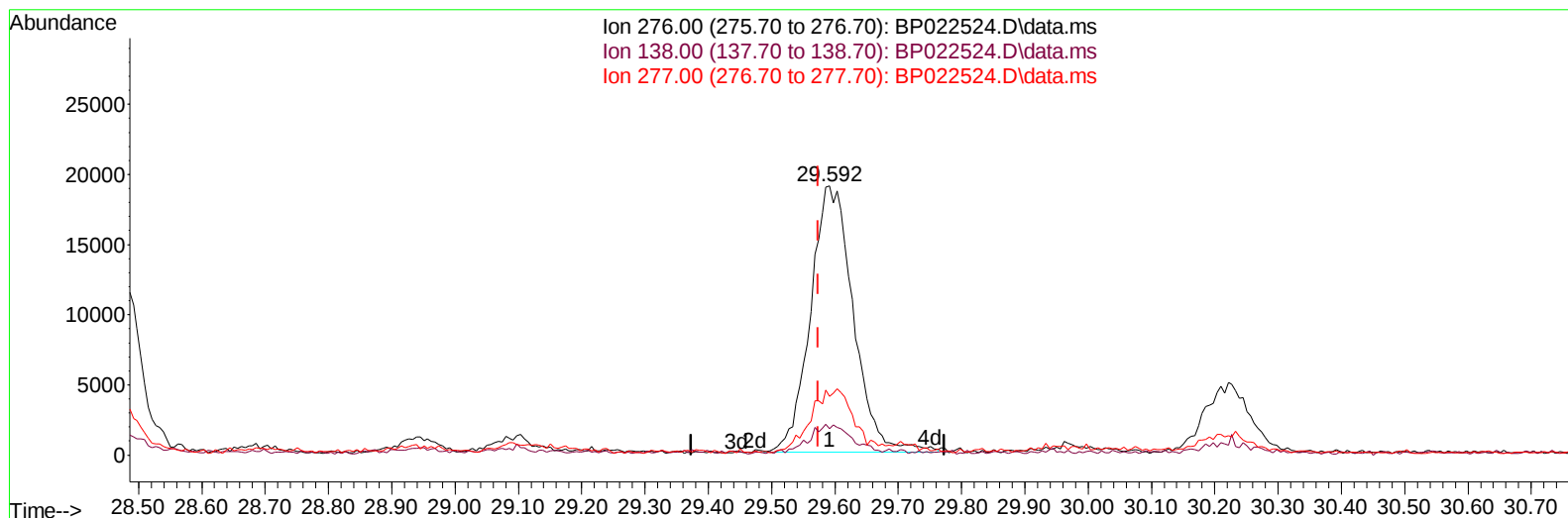
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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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TIC: BP022524.D\data.ms

(96) Benzo(g,h,i)perylene

29.592min (+ 0.018) 1.61 ng/ul m

response 88917

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	9.75
277.00	23.70	21.92
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024
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Quant Time: Oct 22 05:01:22 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	106156	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	402625	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	320042	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	780457	20.000	ng/ul	-0.01
79) Chrysene-d12	21.504	240	765994	20.000	ng/ul	0.00
88) Perylene-d12	24.763	264	915723	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	8534	3.124	ng/uL	0.00
4) Pyridine-d5	3.611	84	119279	15.905	ng/ul	0.00
7) Phenol-d5	6.864	99	171896	19.237	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.011	67	101261	19.280	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	128905	20.330	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	144949	20.326	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	64705	20.901	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	78529	21.910	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	159825	20.981	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	174652	19.403	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	556509	21.886	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	594675	22.019	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	71621	16.789	ng/ul	0.01
60) Fluorene-d10	15.281	176	495788	22.479	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	58010	11.302	ng/ul	0.00
73) Anthracene-d10	17.181	188	845744	23.036	ng/ul	0.01
81) Pyrene-d10	19.551	212	1020127	25.184	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.539	264	1122466	22.952	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.116	178	295355	7.073	ng/ul	99
74) Anthracene	17.222	178	54117	1.299	ng/ul	99
80) Fluoranthene	19.204	202	458229	9.840	ng/ul	99
82) Pyrene	19.586	202	357051	7.154	ng/ul	99
85) Benzo(a)anthracene	21.486	228	166630	3.103	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.416	149	91489	3.668	ng/ul	97
87) Chrysene	21.557	228	156803	3.149	ng/ul	98
90) Benzo(b)fluoranthene	23.733	252	196076	3.402	ng/ul	98
91) Benzo(k)fluoranthene	23.792	252	76687m	1.359	ng/ul	
93) Benzo(a)pyrene	24.604	252	141995	2.677	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.462	276	97444	1.376	ng/ul	98
96) Benzo(g,h,i)perylene	29.592	276	88917m	1.615	ng/ul	

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

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