

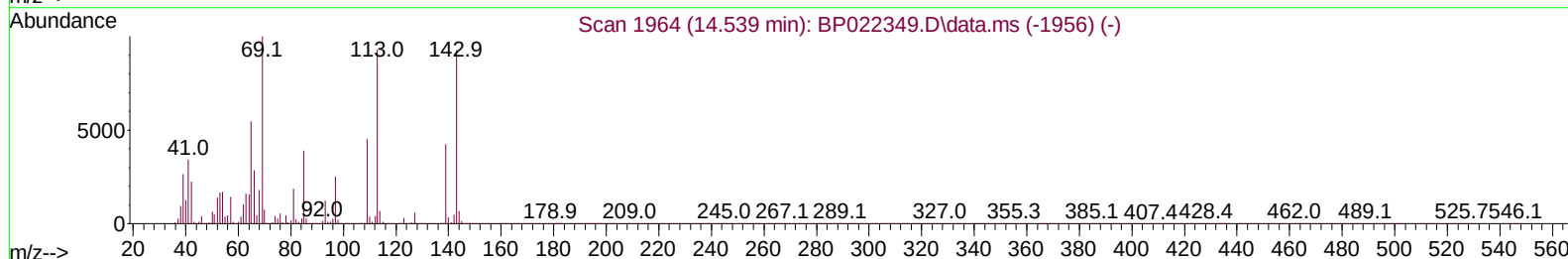
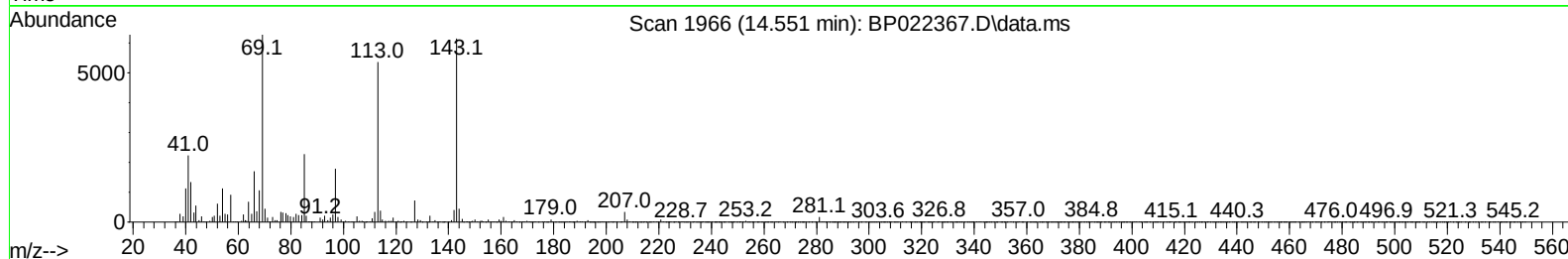
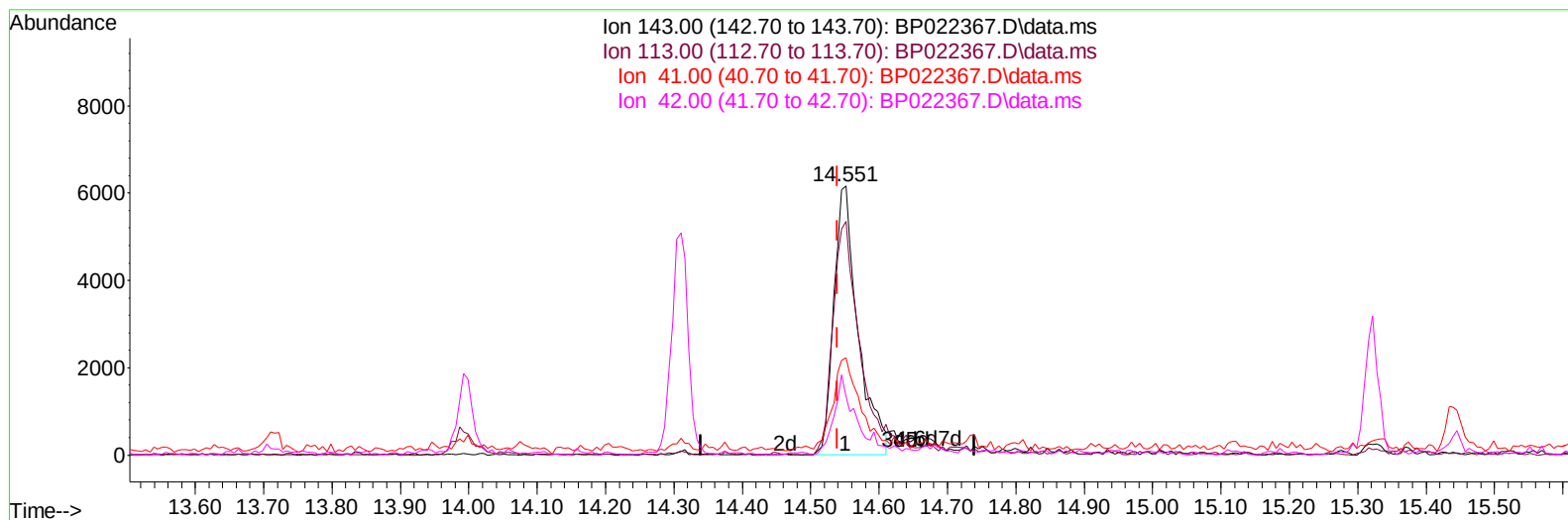
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022367.D
Acq On : 14 Oct 2024 22:48
Operator : RC/JU
Sample : P4237-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EP6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 15 01:42:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration



TIC: BP022367.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.551min (+ 0.012) 3.36 ng/ul

response 15121

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	86.96
41.00	35.90	36.13
42.00	23.70	21.92

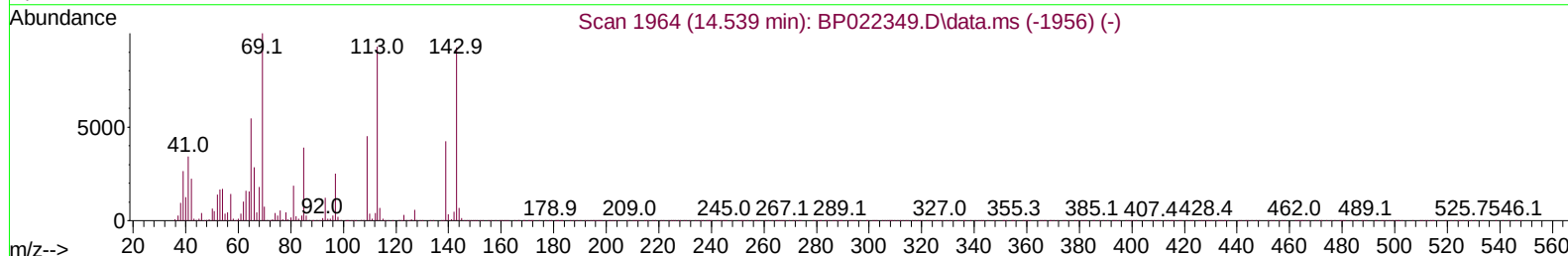
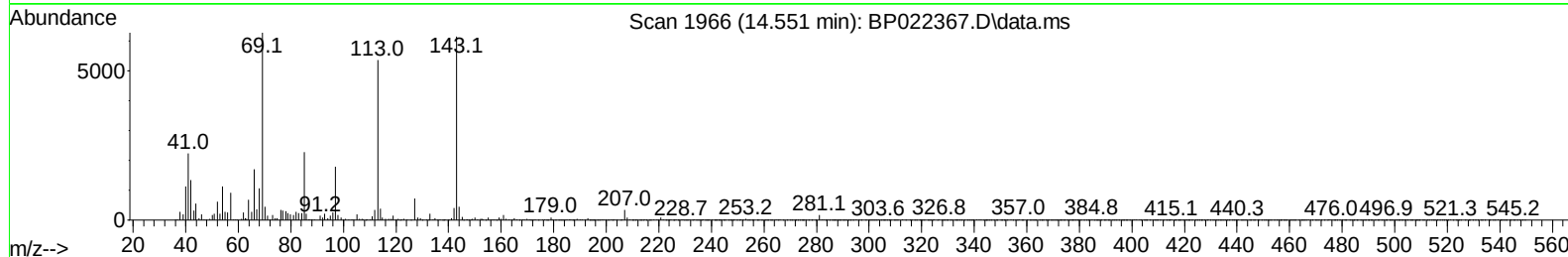
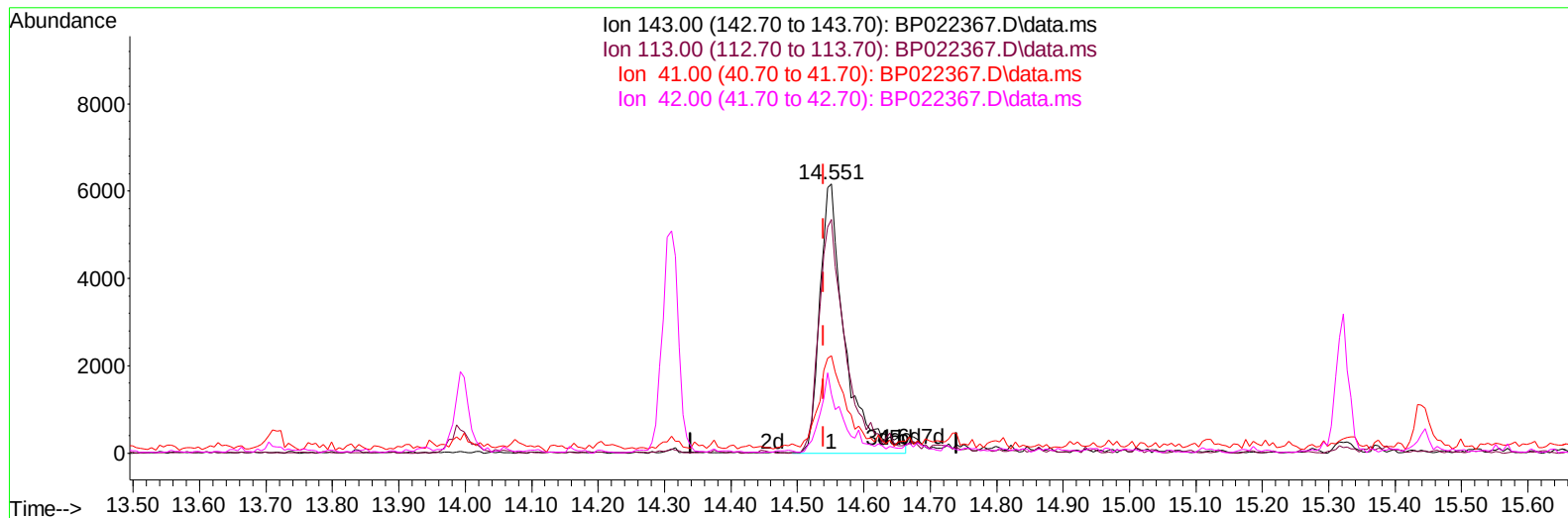
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(54) 4-Nitrophenol-d4 (S)

14.551min (+ 0.012) 3.63 ng/ul m

response 16347

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	86.96
41.00	35.90	36.13
42.00	23.70	21.92

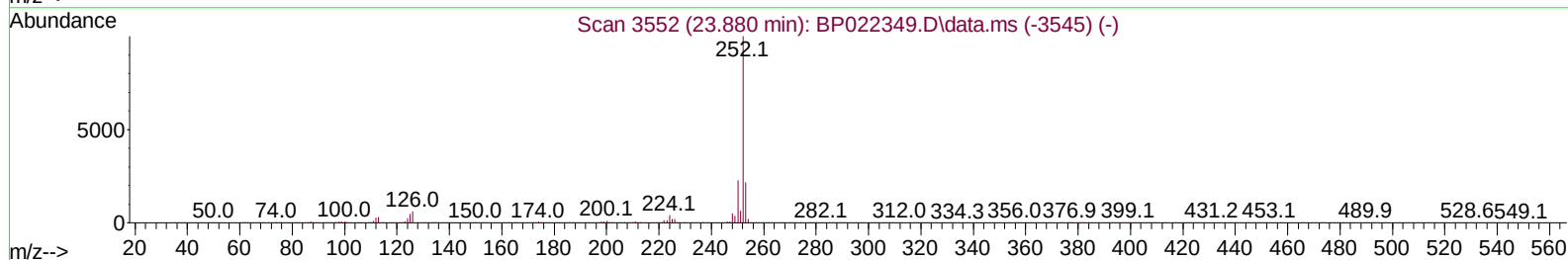
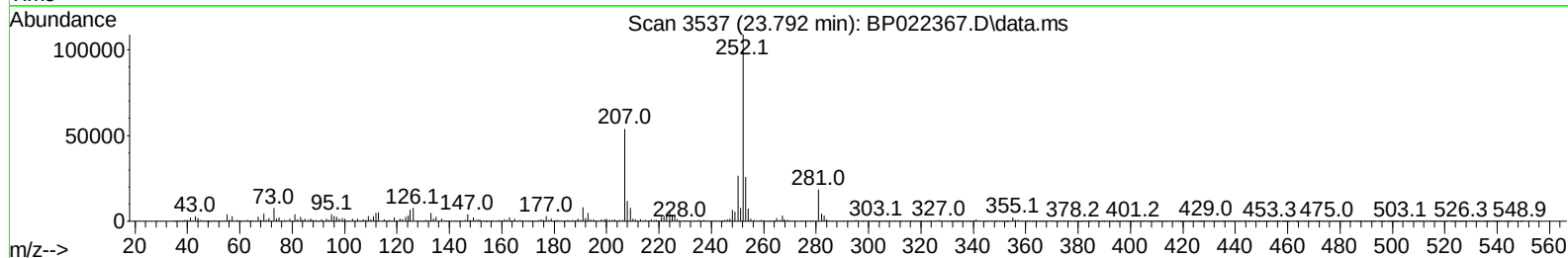
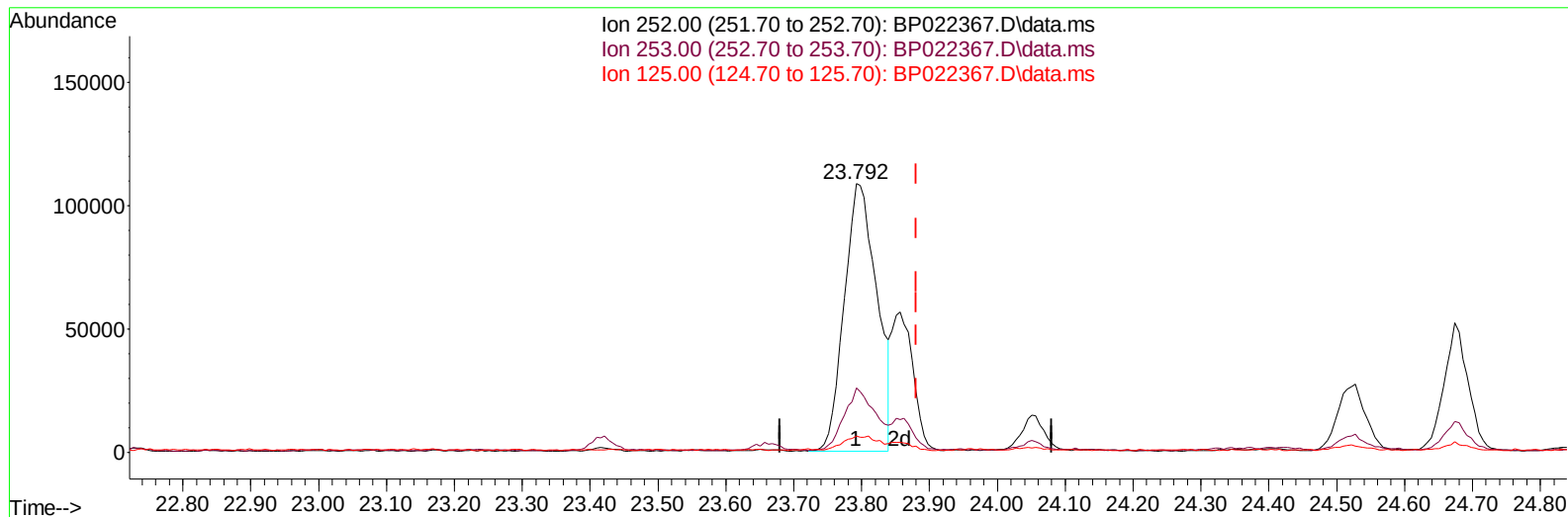
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TIC: BP022367.D\data.ms

(91) Benzo(k)fluoranthene

23.792min (-0.088) 5.57 ng/u1

response 362077

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	23.85
125.00	5.70	6.11
0.00	0.00	0.00

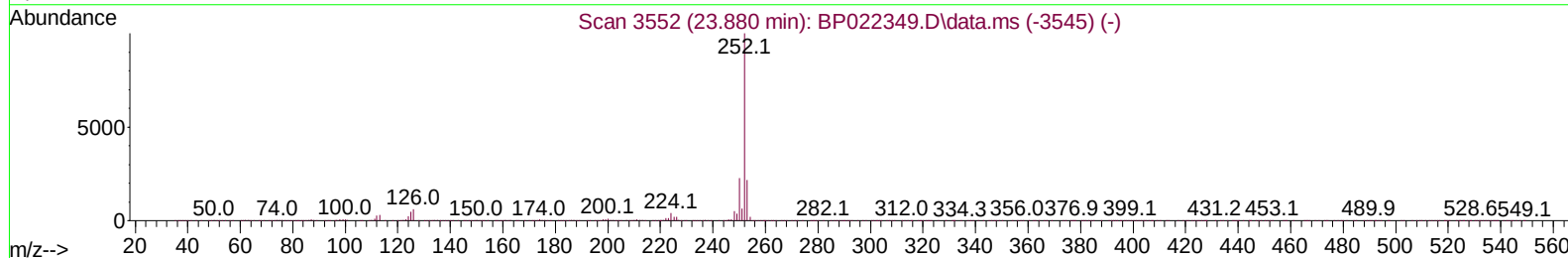
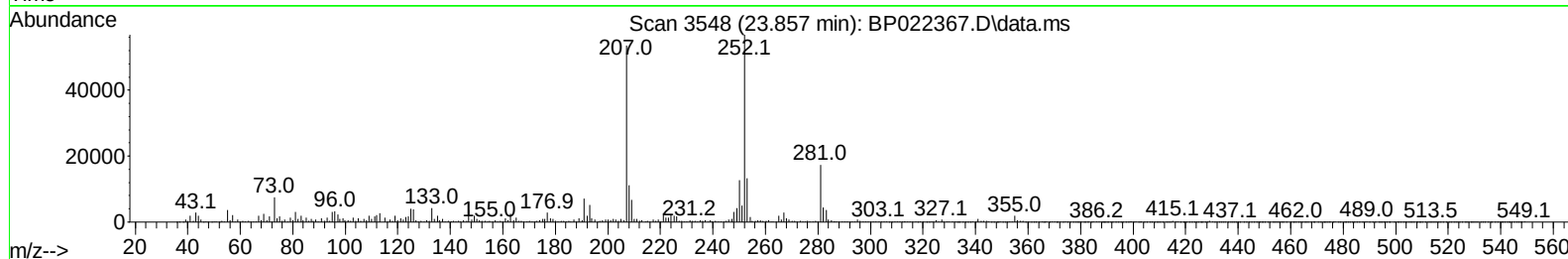
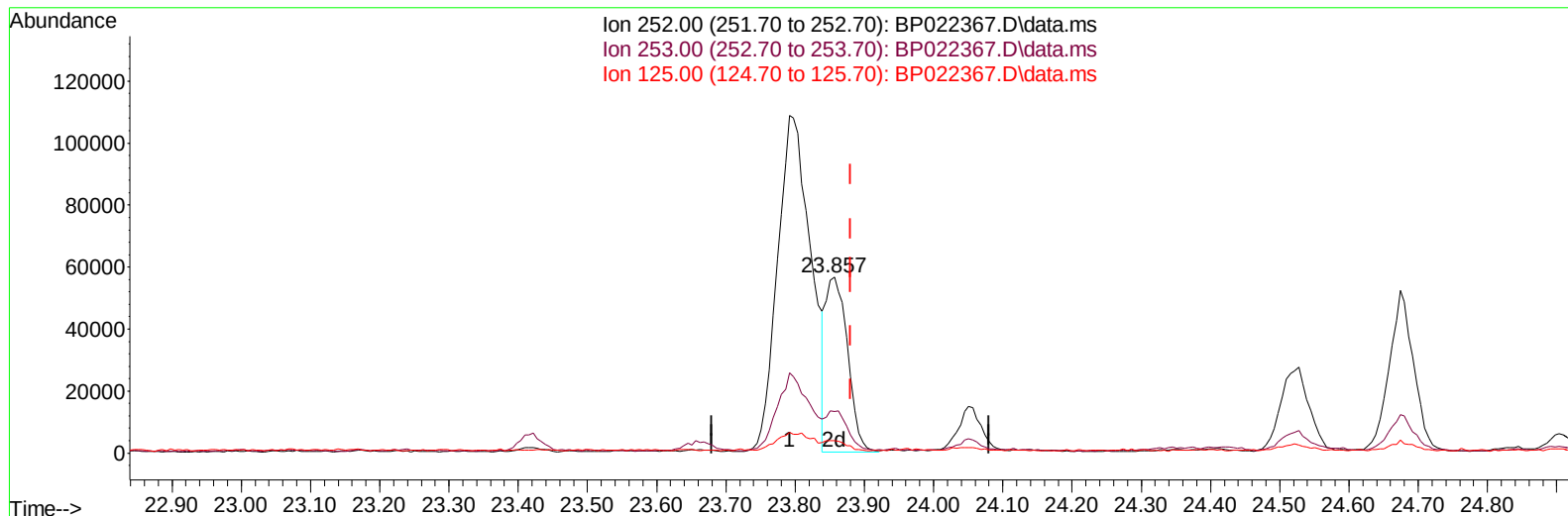
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TIC: BP022367.D\data.ms

(91) Benzo(k)fluoranthene

23.857min (-0.023) 1.89 ng/u l m

response 122720

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	23.54
125.00	5.70	7.07#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 15 01:45:57 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	110240	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	429607	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	337937	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	831312	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	872958	20.000	ng/ul	-0.02
88) Perylene-d12	24.833	264	1055114	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	2175	0.767	ng/uL	0.00
4) Pyridine-d5	3.652	84	4863	0.624	ng/ul	0.02
7) Phenol-d5	6.887	99	58887	6.346	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	41807	7.665	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	48146	7.312	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	46360	6.260	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	26395	7.991	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	30314	7.927	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	55259	6.799	ng/ul	0.01
31) 4-Chloroaniline-d4	10.599	131	44349	4.618	ng/ul	0.01
46) Dimethylphthalate-d6	13.716	166	213434	7.949	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	238147	8.351	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	16347m	3.629	ng/ul	0.01
60) Fluorene-d10	15.322	176	206695	8.875	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	25522	4.668	ng/ul	0.00
73) Anthracene-d10	17.204	188	338286	8.650	ng/ul	0.00
81) Pyrene-d10	19.586	212	406699	8.810	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.604	264	406286	7.210	ng/ul	-0.03
Target Compounds						
					Qvalue	
72) Phenanthrene	17.151	178	132836	2.987	ng/ul	98
80) Fluoranthene	19.245	202	430065	8.104	ng/ul	98
82) Pyrene	19.616	202	316216	5.559	ng/ul	98
85) Benzo(a)anthracene	21.516	228	177818	2.906	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.457	149	40661	1.430	ng/ul	99
87) Chrysene	21.586	228	235901	4.157	ng/ul	98
90) Benzo(b)fluoranthene	23.792	252	362077	5.452	ng/ul	97
91) Benzo(k)fluoranthene	23.857	252	122720m	1.887	ng/ul	
93) Benzo(a)pyrene	24.674	252	126243	2.065	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.574	276	136914	1.678	ng/ul	95

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

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