

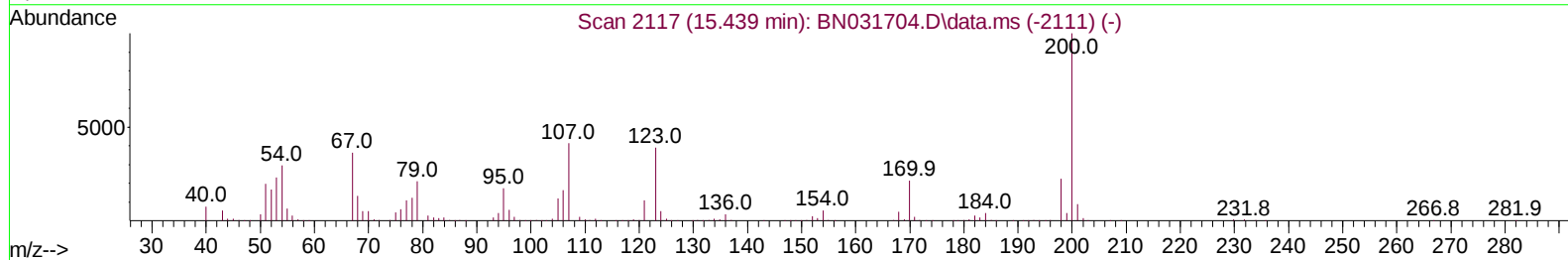
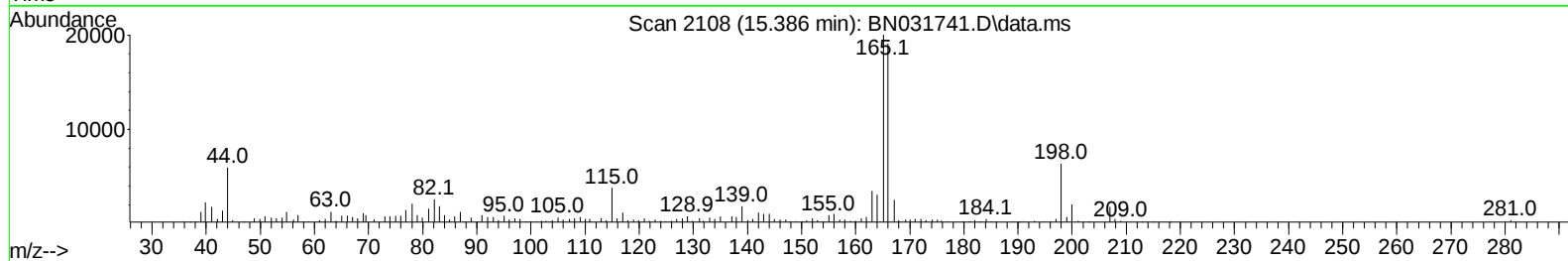
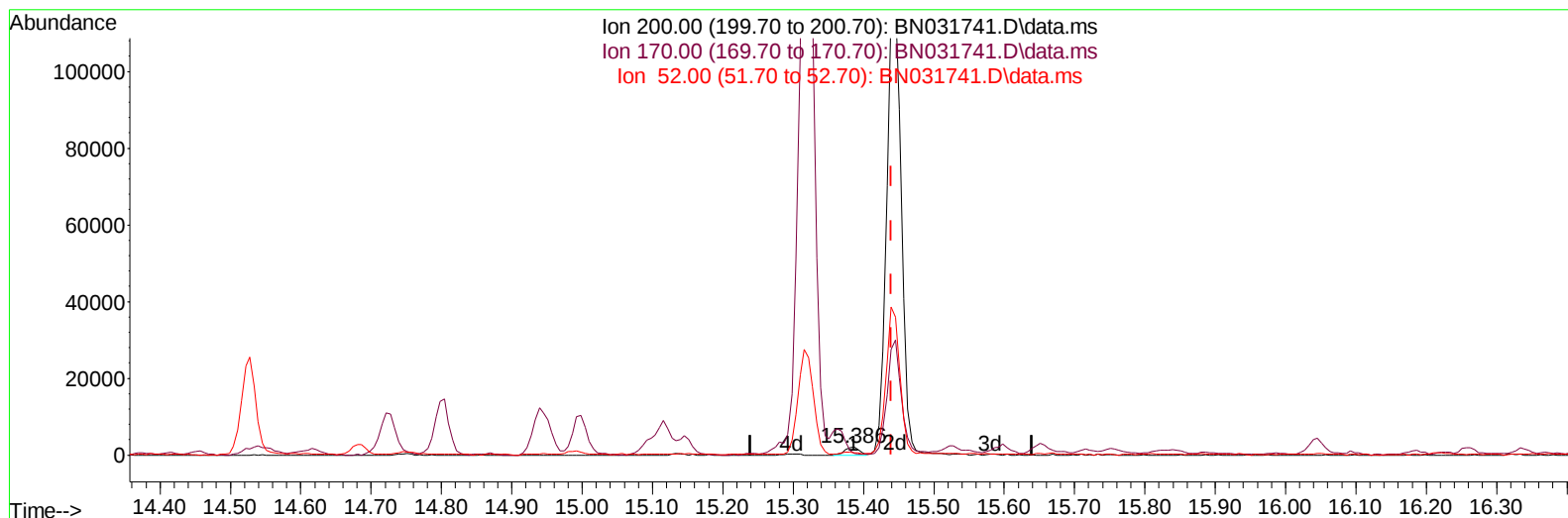
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031741.D
Acq On : 31 May 2024 14:20
Operator : MA/JU
Sample : P2549-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH618

Manual IntegrationsAPPROVED

Quant Time: Jun 01 01:13:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BN031741.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.386min (-0.053) 0.22 ng/u1

response 2940

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.20	22.44
52.00	36.90	30.87
0.00	0.00	0.00

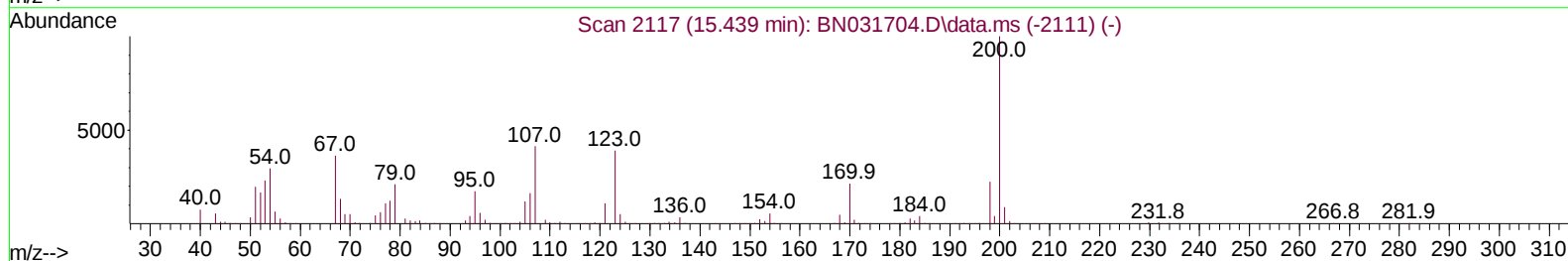
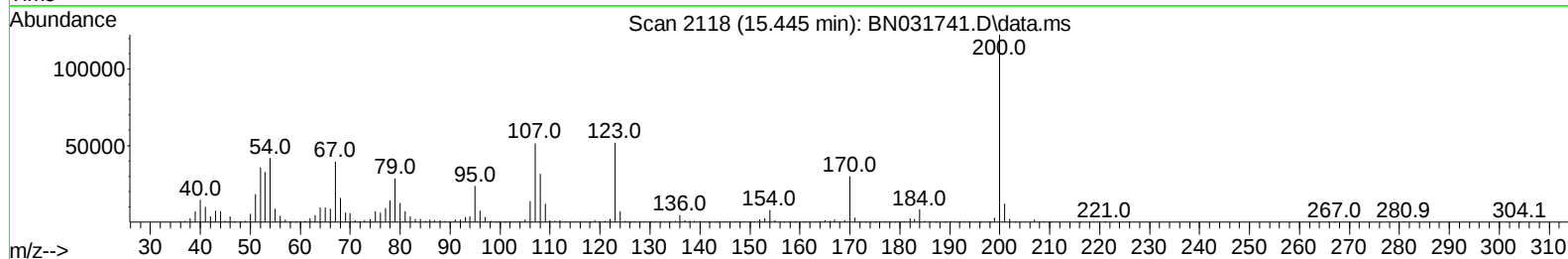
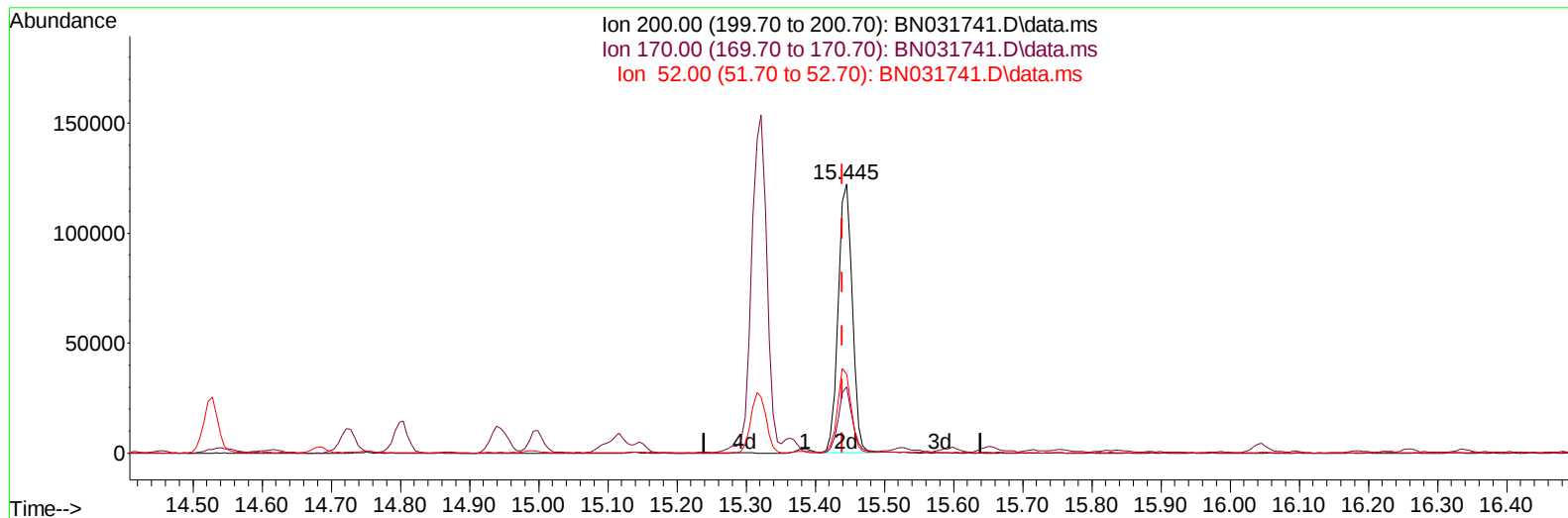
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TIC: BN031741.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.445min (+ 0.006) 12.83 ng/ul m

response 172930

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.20	24.57#
52.00	36.90	29.37#
0.00	0.00	0.00

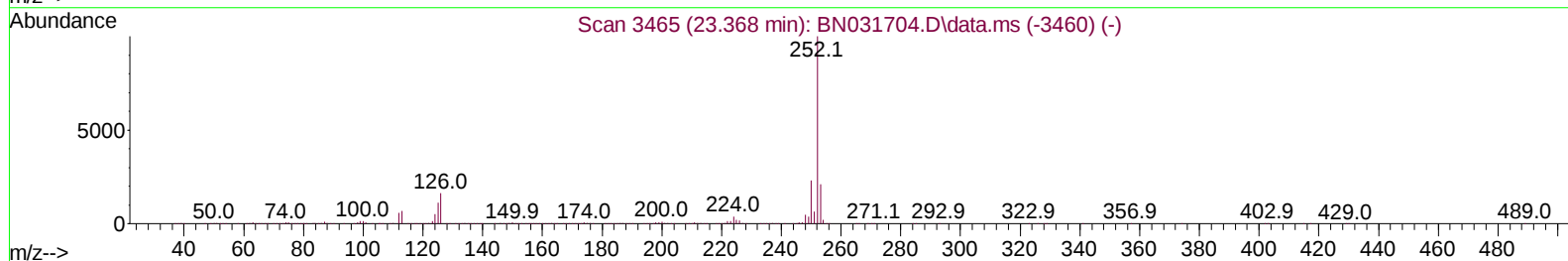
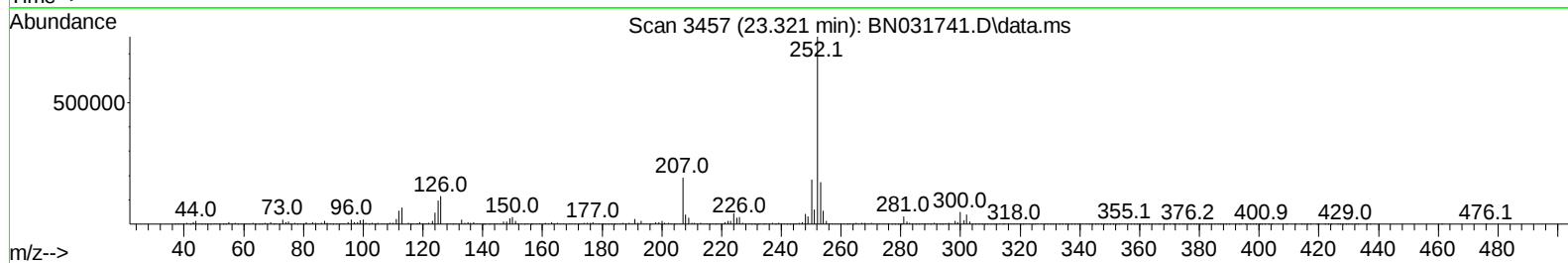
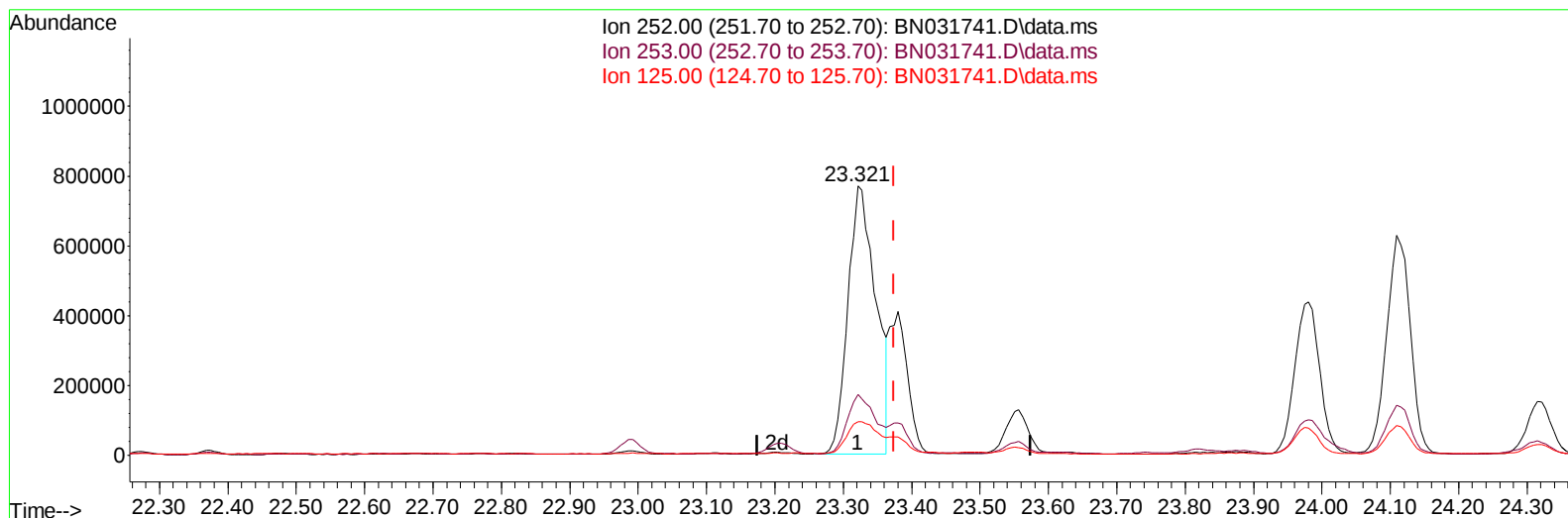
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Instrument :
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TIC: BN031741.D\data.ms

(91) Benzo(k)fluoranthene

23.321min (-0.053) 21.95 ng/u1

response 2185217

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.42
125.00	11.80	12.45
0.00	0.00	0.00

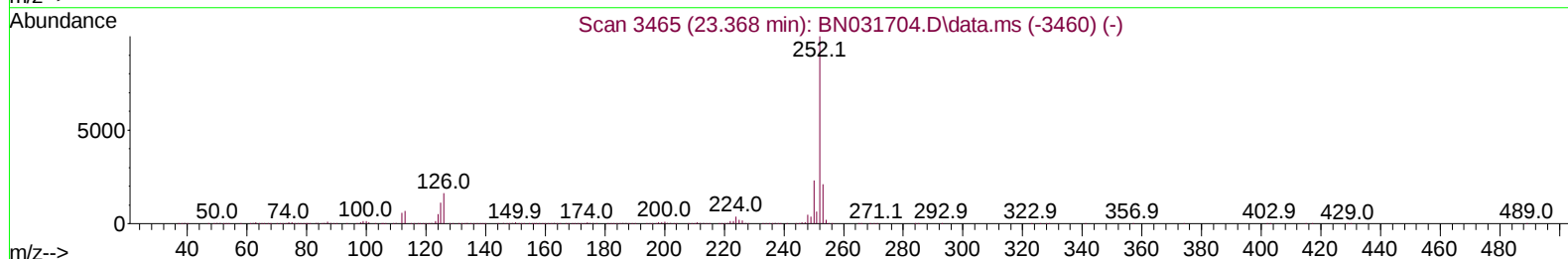
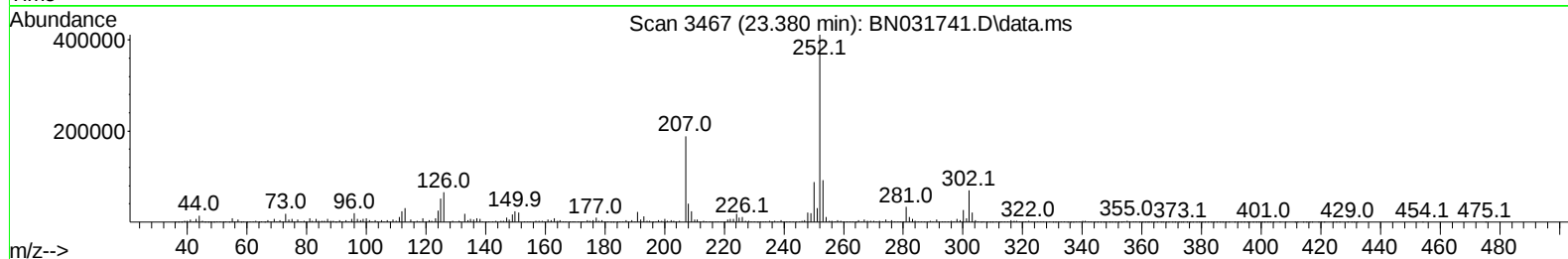
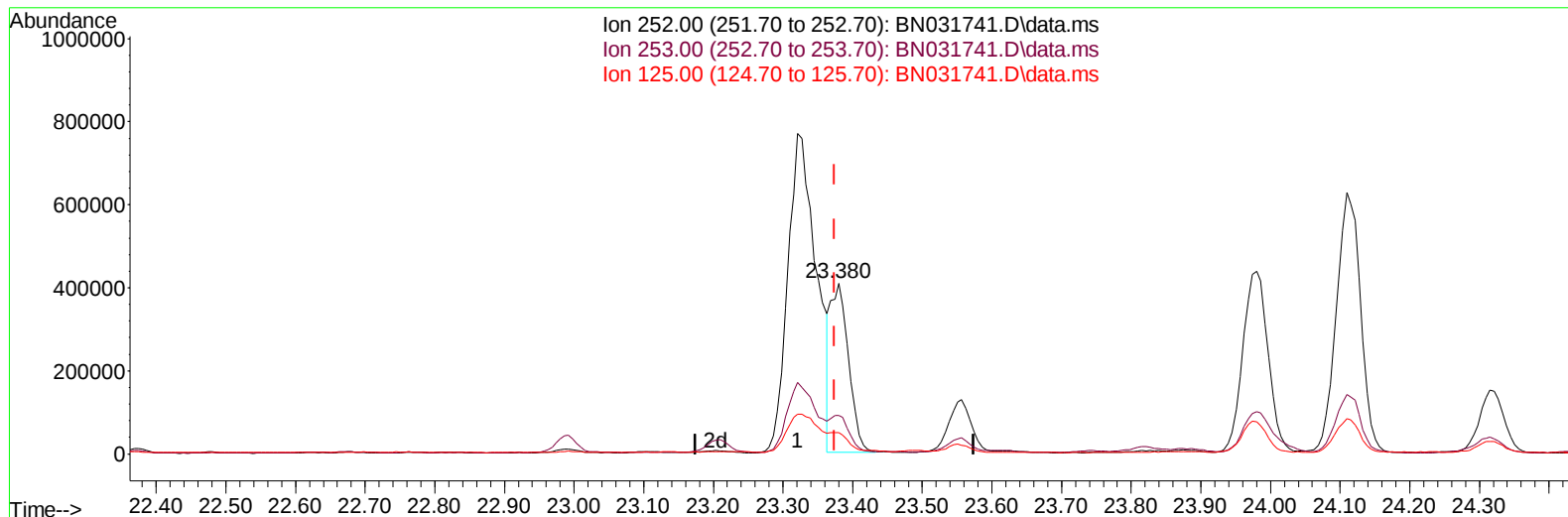
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TIC: BN031741.D\data.ms

(91) Benzo(k)fluoranthene

23.380min (+ 0.006) 7.41 ng/u1 m

response 737648

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.47
125.00	11.80	12.43
0.00	0.00	0.00

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Instrument :
 BNA_N
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Manual IntegrationsAPPROVED

Quant Time: Jun 01 01:16:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152		520944	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136		2210930	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164		1380179	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188		2680939	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240		1527437	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264		1697592	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.187	96		43347	3.442	ng/uL	0.00
4) Pyridine-d5	3.593	84		463266	13.069	ng/ul	0.00
7) Phenol-d5	6.852	99		914937	20.487	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67		523961	20.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132		741386	21.757	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113		439971	12.086	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128		385176	22.785	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143		416426	23.847	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165		713461	21.885	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131		350020	7.231	ng/ul	0.00
46) Dimethylphthalate-d6	13.739	166		2312475	24.050	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160		2643423	23.909	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143		369382	19.187	ng/ul	0.00
60) Fluorene-d10	15.322	176		1949725	23.965	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200		172930m	12.833	ng/ul	0.00
73) Anthracene-d10	17.169	188		2804360	24.433	ng/ul	0.00
81) Pyrene-d10	19.469	212		2785845	34.083	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264		1985844	24.498	ng/ul	0.00
Target Compounds							
						Qvalue	
50) Acenaphthylene	14.045	152		245685	1.966	ng/ul	98
72) Phenanthrene	17.116	178		1705234	12.486	ng/ul	99
74) Anthracene	17.204	178		304855	2.203	ng/ul	99
77) Carbazole	17.475	167		157621	1.336	ng/ul	97
80) Fluoranthene	19.133	202		3941719	40.352	ng/ul	99
82) Pyrene	19.498	202		3642590	36.345	ng/ul	99
83) Butylbenzylphthalate	20.410	149		172297	3.640	ng/ul	90
85) Benzo(a)anthracene	21.292	228		1573048	15.386	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149		642435	9.310	ng/ul	98
87) Chrysene	21.351	228		1737362	18.193	ng/ul	98
90) Benzo(b)fluoranthene	23.321	252		2185217	21.536	ng/ul	98
91) Benzo(k)fluoranthene	23.380	252		737648m	7.408	ng/ul	
93) Benzo(a)pyrene	24.109	252		1514782	15.939	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.550	276		1172455	10.706	ng/ul	99
95) Dibenzo(a,h)anthracene	27.598	278		289193	3.235	ng/ul#	90
96) Benzo(g,h,i)perylene	28.586	276		962932	11.061	ng/ul	99

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

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