

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031809.D
 Acq On : 05 Jun 2024 21:04
 Operator : MA/JU
 Sample : P2591-16DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_N

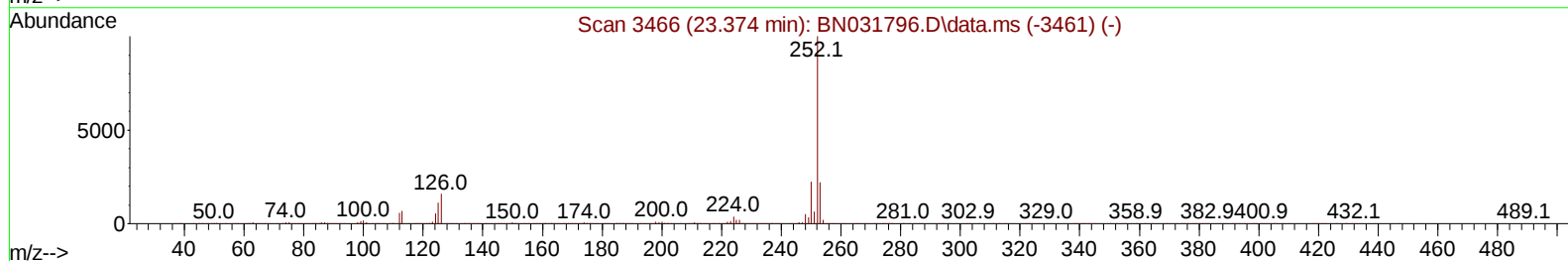
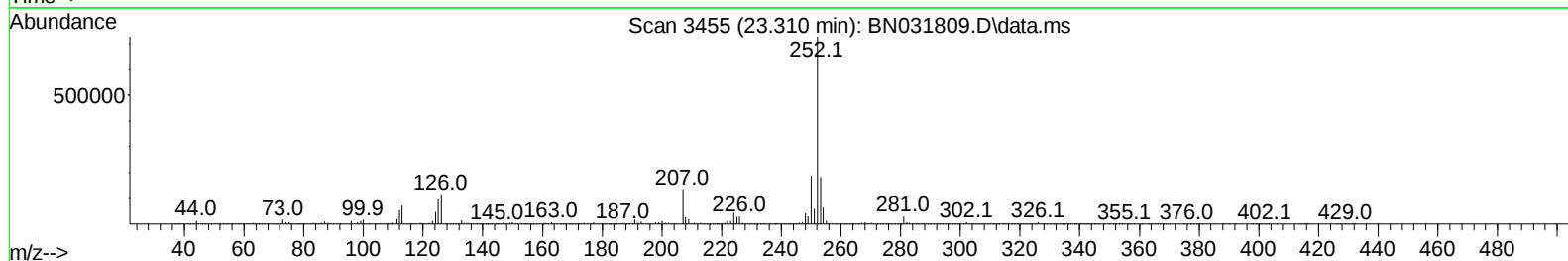
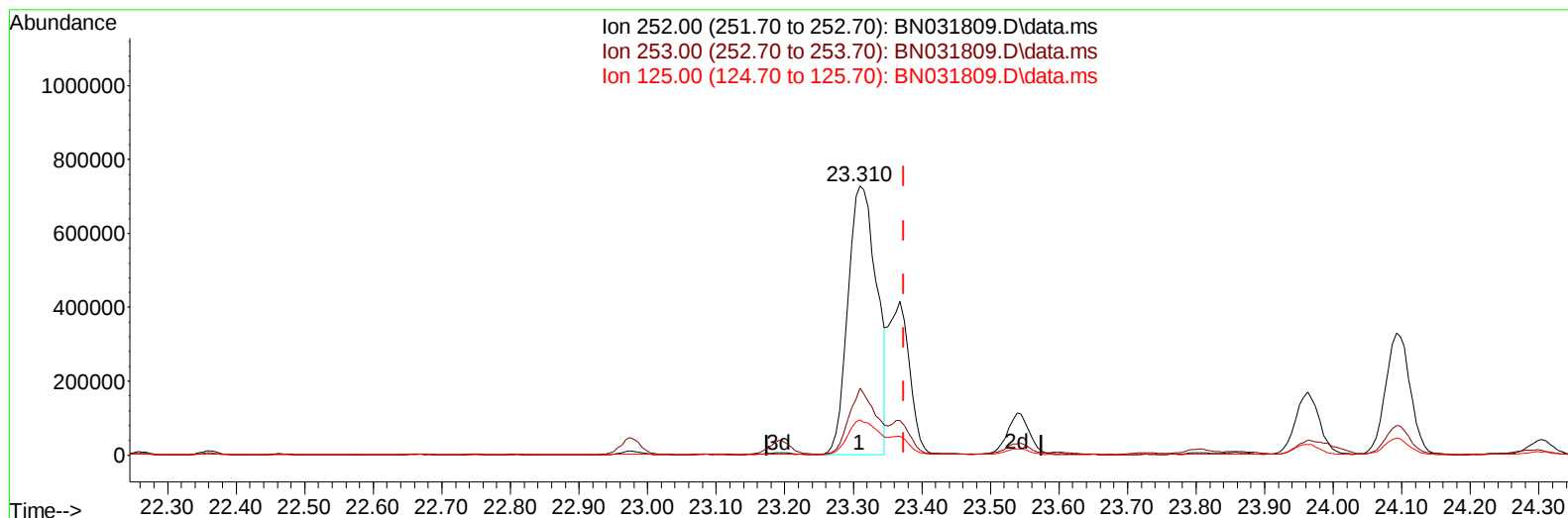
ClientSampleId :

BHBQ7DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 00:01:25 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



TIC: BN031809.D\data.ms

(91) Benzo(k)fluoranthene

23.310min (-0.065) 14.42 ng/u1

response 2121970

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	24.97
125.00	11.80	13.18
0.00	0.00	0.00

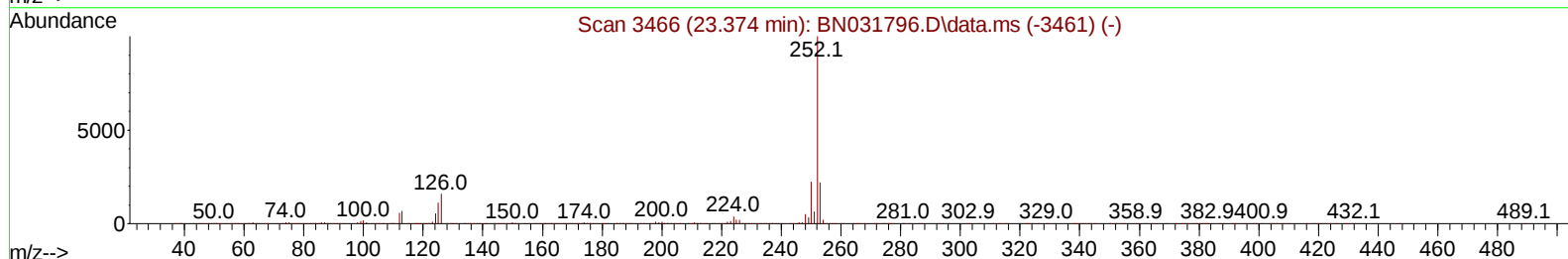
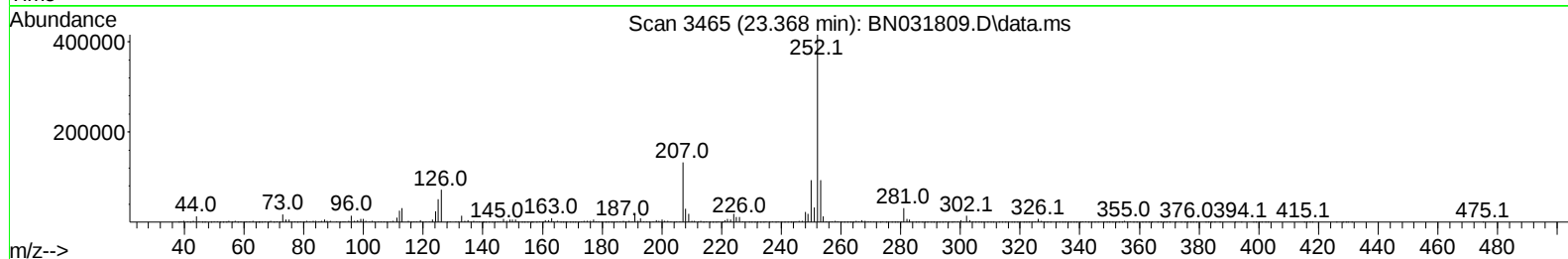
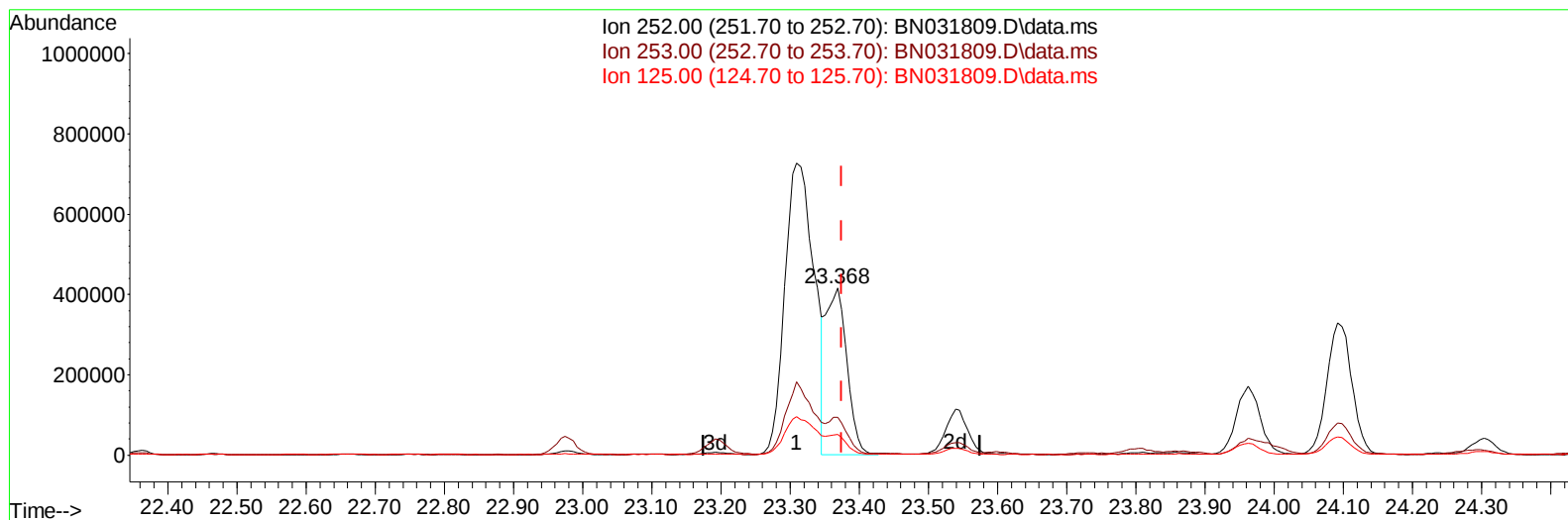
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(91) Benzo(k)fluoranthene

23.368min (-0.006) 5.93 ng/u1 m

response 872095

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.56
125.00	11.80	12.38
0.00	0.00	0.00

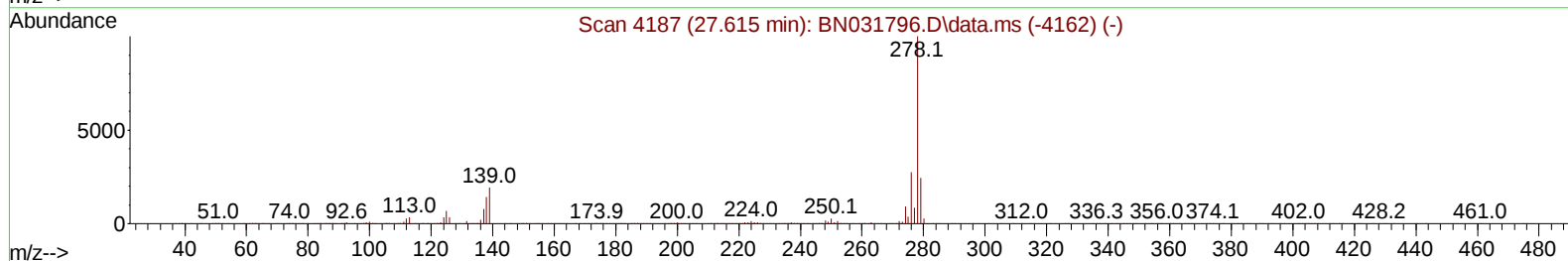
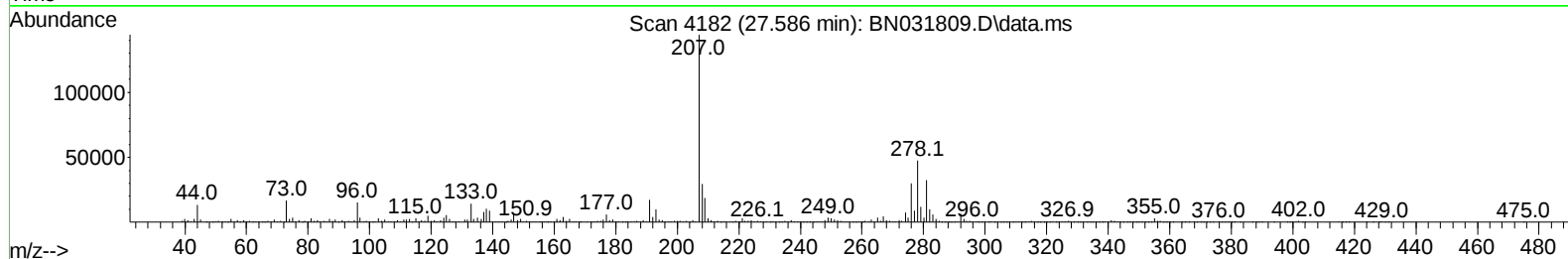
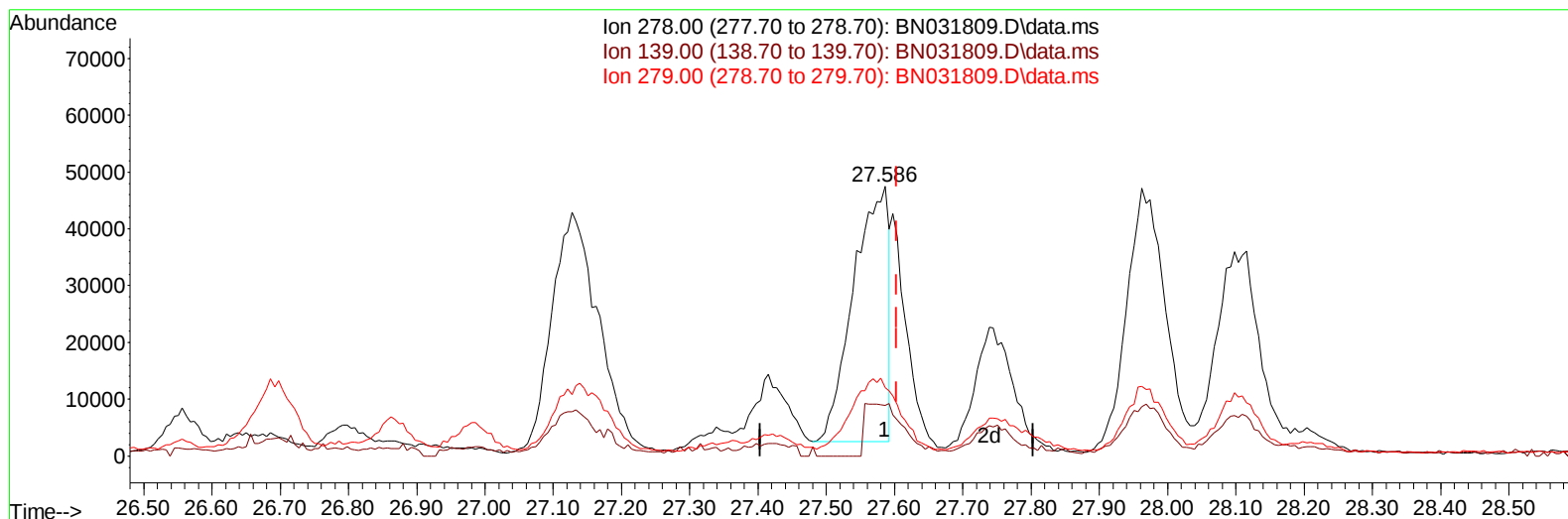
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TIC: BN031809.D\data.ms

(95) Dibenzo(a,h)anthracene

27.586min (-0.018) 1.21 ng/u1

response 159706

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	18.73
279.00	21.70	25.28
0.00	0.00	0.00

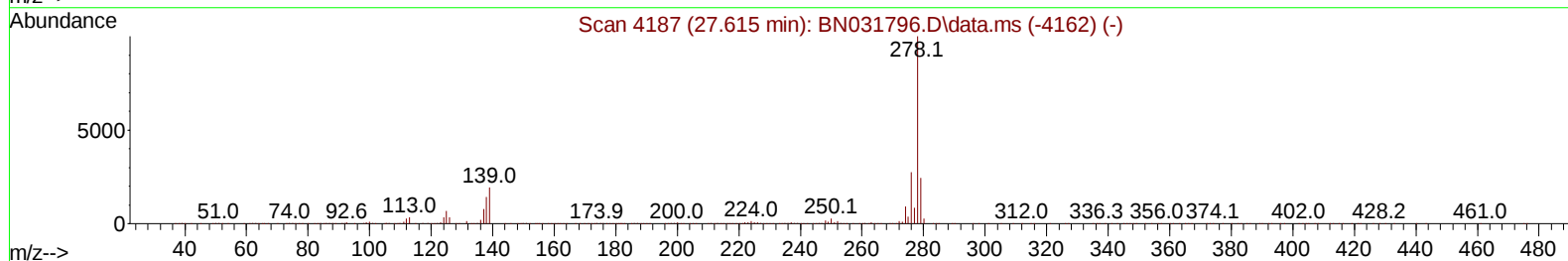
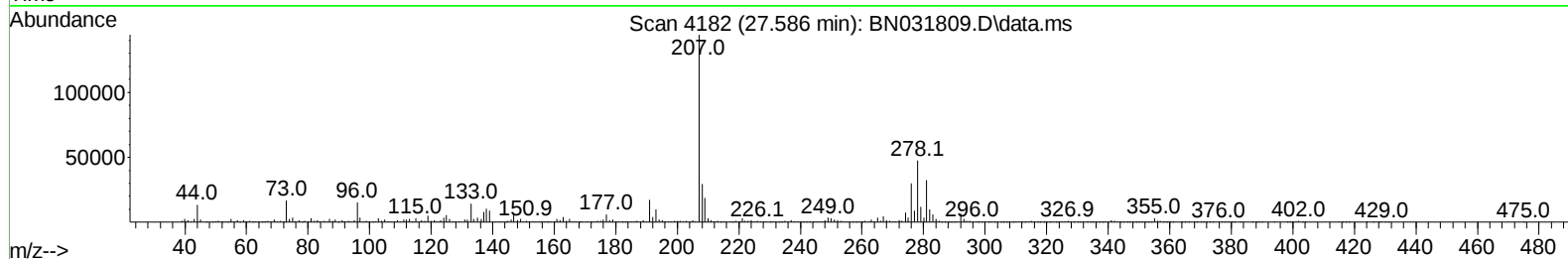
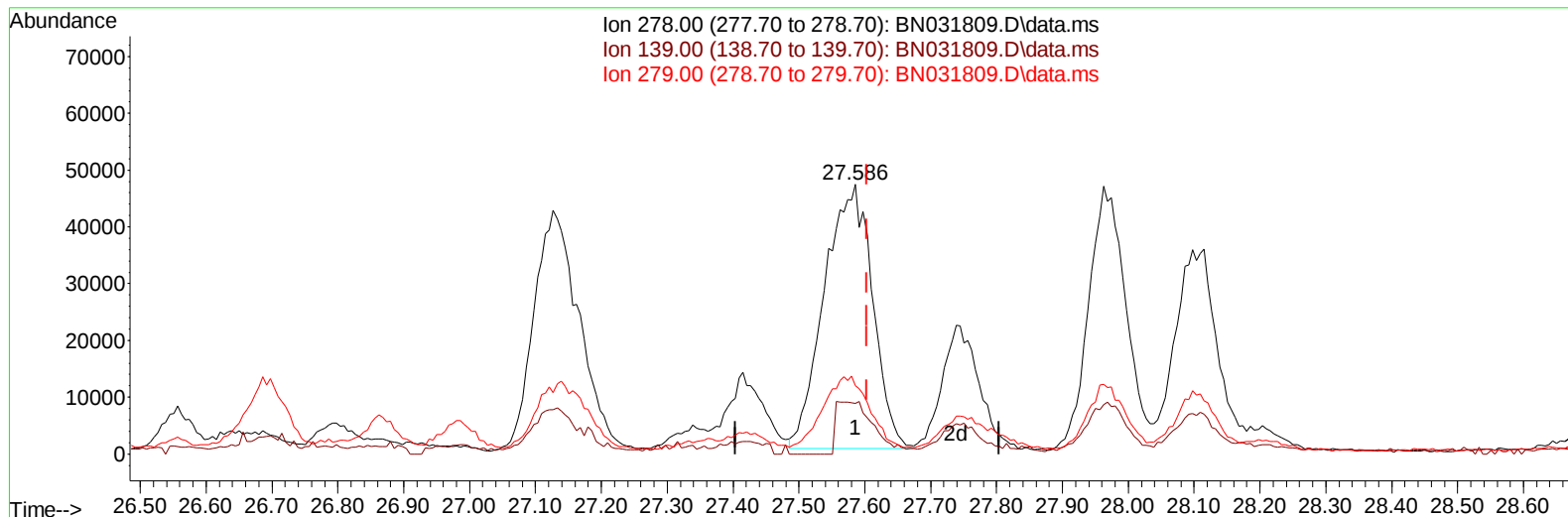
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TIC: BN031809.D\data.ms

(95) Dibenzo(a,h)anthracene

27.586min (-0.018) 1.79 ng/u1 m

response 235984

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	18.73
279.00	21.70	25.28
0.00	0.00	0.00

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 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 00:34:14 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152		319545	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.457	136		1522442	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164		1003779	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188		2143233	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240		2128779	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264		2509150	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.181	96		4037	0.523	ng/uL	-0.01
4) Pyridine-d5	3.605	84		19321	0.889	ng/ul	0.00
7) Phenol-d5	6.846	99		89649	3.273	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67		50558	3.155	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132		69032	3.303	ng/ul	-0.01
15) 4-Methylphenol-d8	8.381	113		71827	3.217	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128		35535	3.053	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143		34566	2.875	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165		69122	3.079	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131		67027	2.011	ng/ul	-0.01
46) Dimethylphthalate-d6	13.728	166		225054	3.218	ng/ul	-0.02
49) Acenaphthylene-d8	14.010	160		255067	3.172	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143		31941	2.281	ng/ul	0.00
60) Fluorene-d10	15.310	176		197904	3.345	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200		19060	1.769	ng/ul	0.00
73) Anthracene-d10	17.163	188		311032	3.390	ng/ul	0.00
81) Pyrene-d10	19.463	212		354028	3.108	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264		288197	2.405	ng/ul	-0.01
Target Compounds							
						Qvalue	
52) Acenaphthene	14.381	153		87747	1.459	ng/ul	95
56) Dibenzofuran	14.716	168		126229	1.545	ng/ul	100
61) Fluorene	15.369	166		96797	1.471	ng/ul	97
72) Phenanthrene	17.104	178		2653976	24.308	ng/ul	97
74) Anthracene	17.198	178		495190	4.476	ng/ul	99
77) Carbazole	17.469	167		311793	3.305	ng/ul	98
80) Fluoranthene	19.127	202		3981235	29.244	ng/ul	100
82) Pyrene	19.492	202		2664288	19.074	ng/ul	98
85) Benzo(a)anthracene	21.280	228		1857827	13.038	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149		104314	1.085	ng/ul	97
87) Chrysene	21.345	228		1740881	13.080	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252		2121970	14.149	ng/ul	93
91) Benzo(k)fluoranthene	23.368	252		872095m	5.926	ng/ul	
93) Benzo(a)pyrene	24.092	252		817803	5.822	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	27.539	276		610728	3.773	ng/ul	95
95) Dibenzo(a,h)anthracene	27.586	278		235984m	1.786	ng/ul	

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

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