

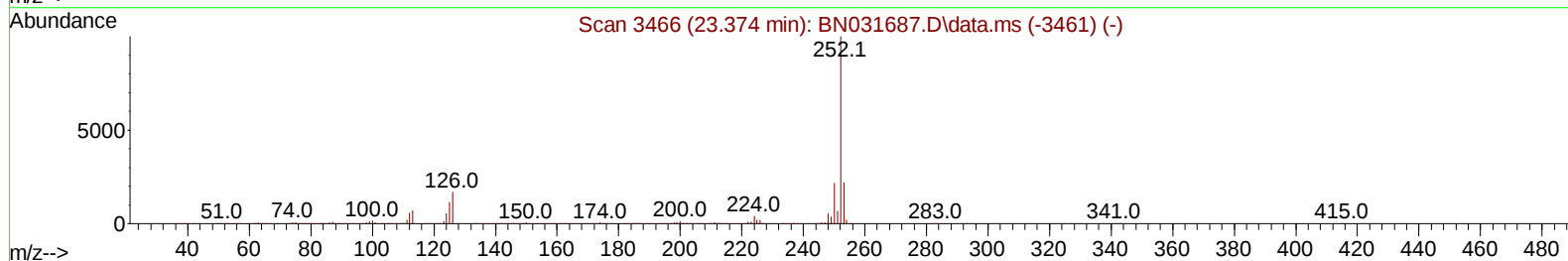
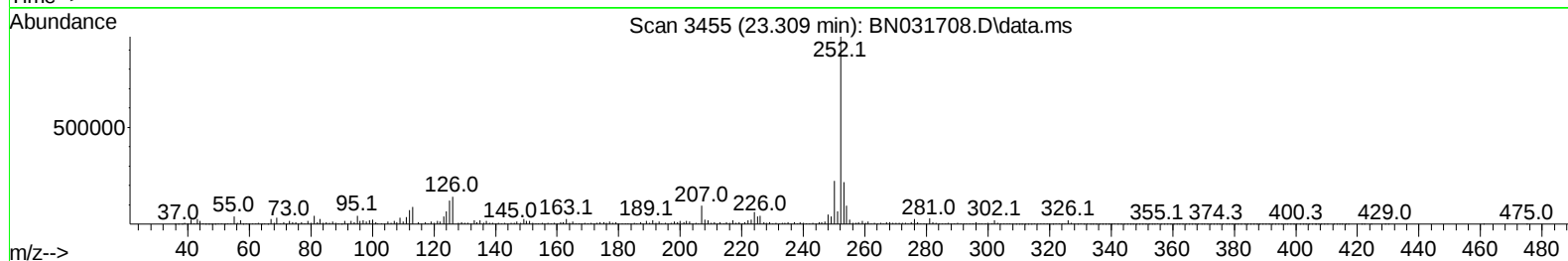
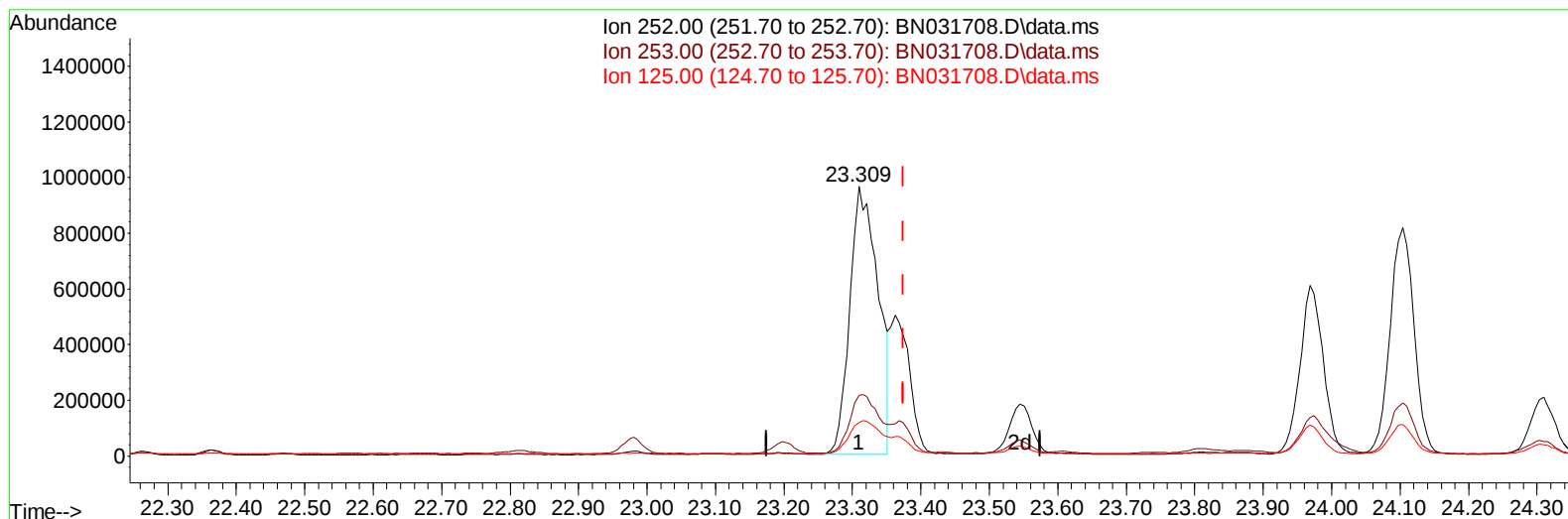
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031708.D
Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH644

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 30 05:39:01 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: BN031708.D\data.ms

(91) Benzo(k)fluoranthene

23.309min (-0.065) 26.00 ng/u1

response 2771012

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.50
125.00	11.80	12.44
0.00	0.00	0.00

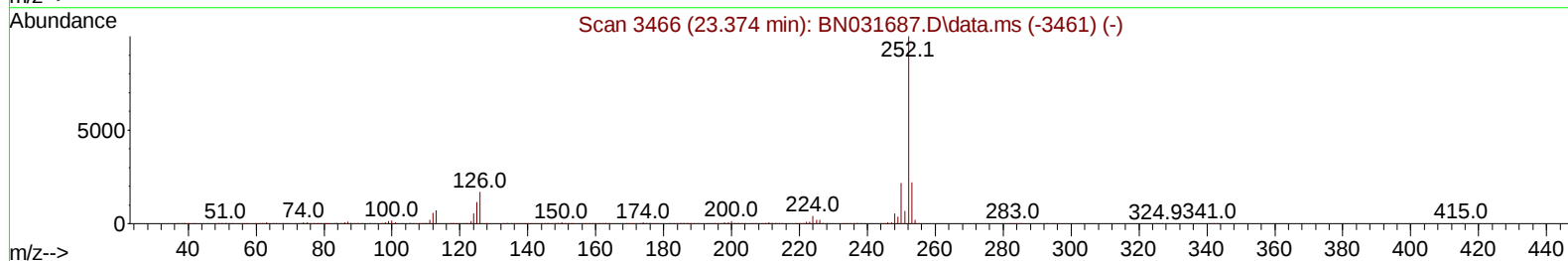
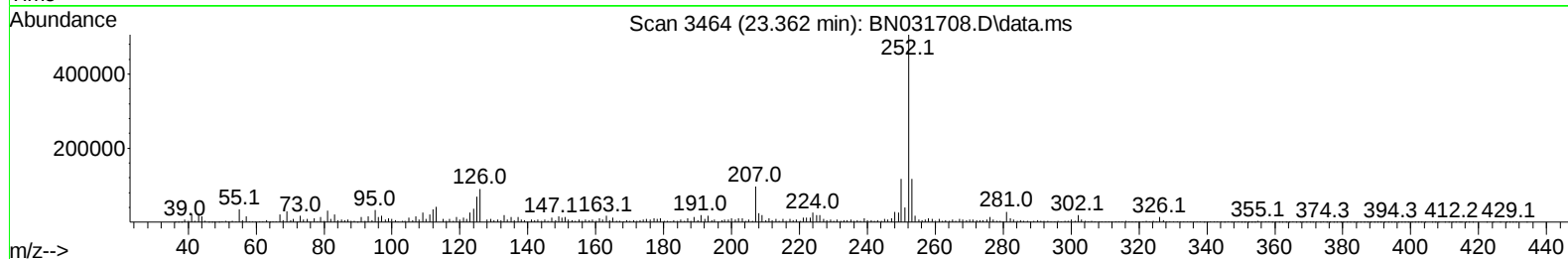
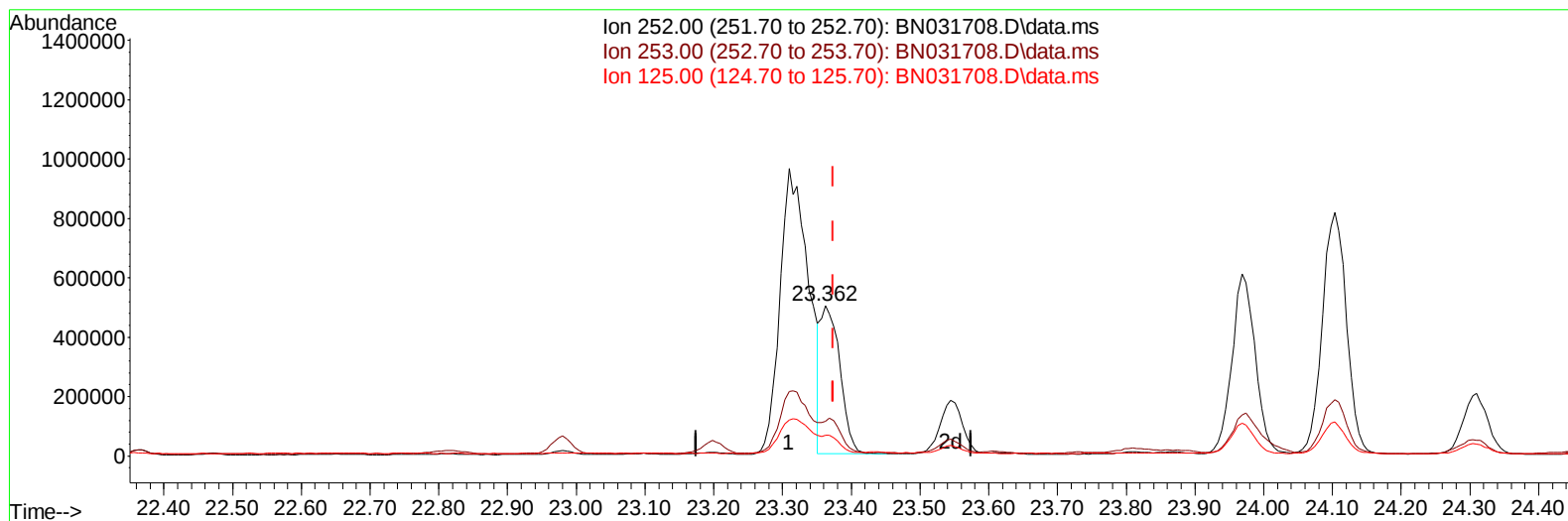
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 Supervised By :mohammad ahmed 05/31/2024



TIC: BN031708.D\data.ms

(91) Benzo(k)fluoranthene

23.362min (-0.012) 9.13 ng/u1 m

response 972833

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.02
125.00	11.80	13.68
0.00	0.00	0.00

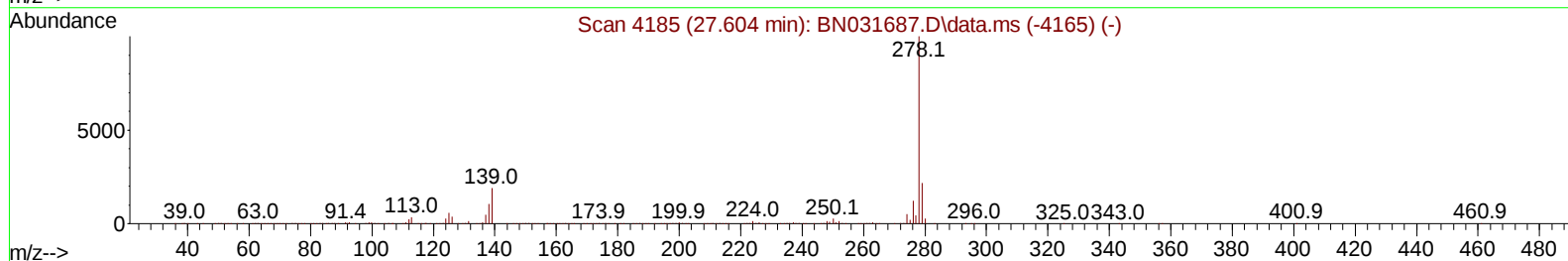
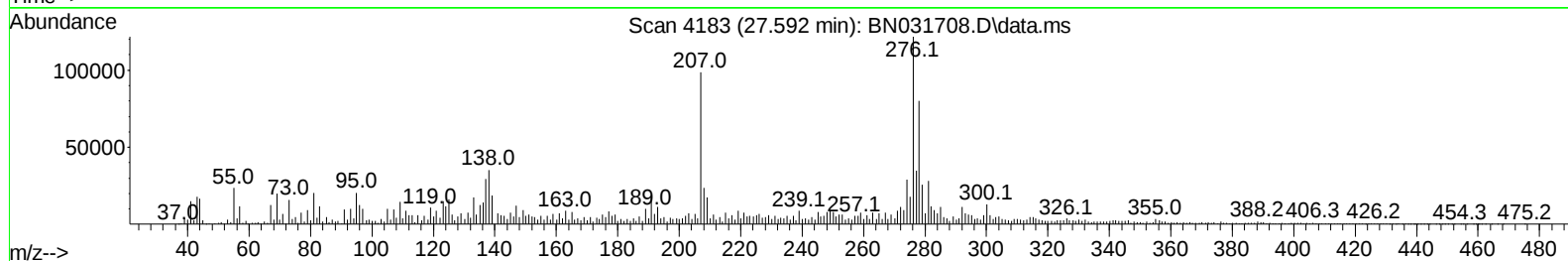
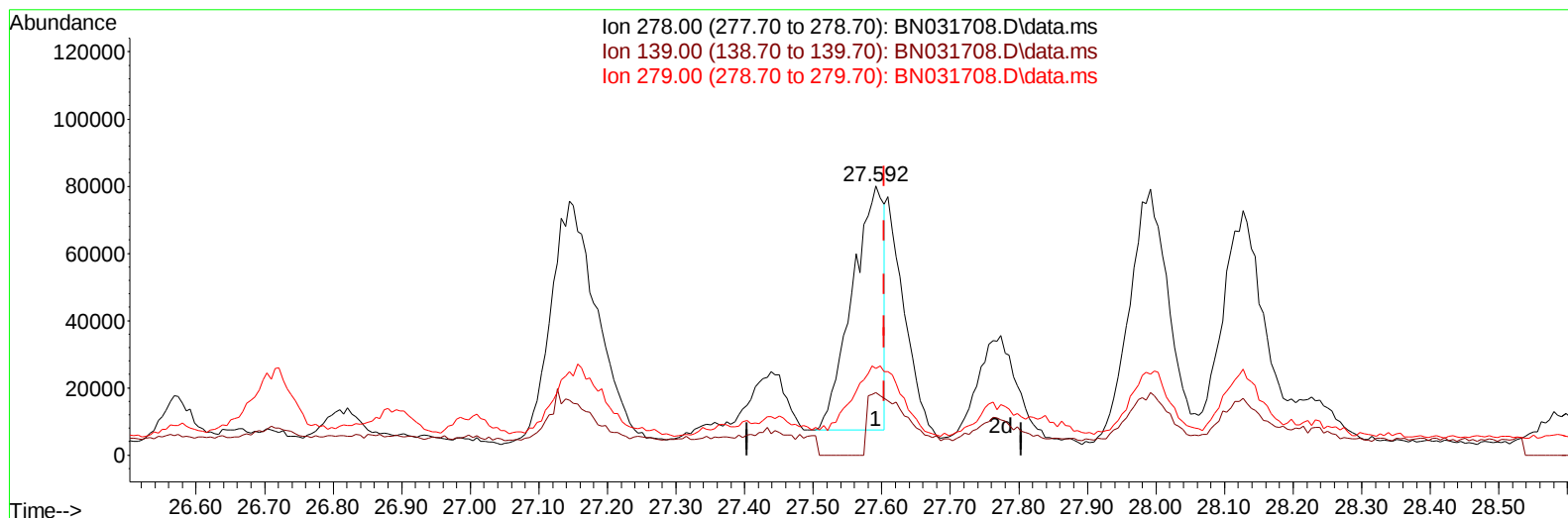
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN031708.D\data.ms

(95) Dibenzo(a,h)anthracene

27.592min (-0.012) 2.44 ng/u1

response 233335

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	23.23#
279.00	21.70	32.29#
0.00	0.00	0.00

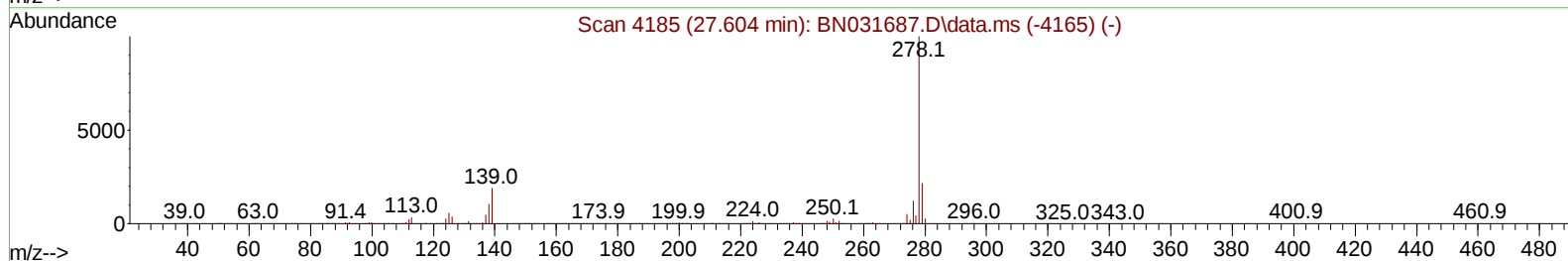
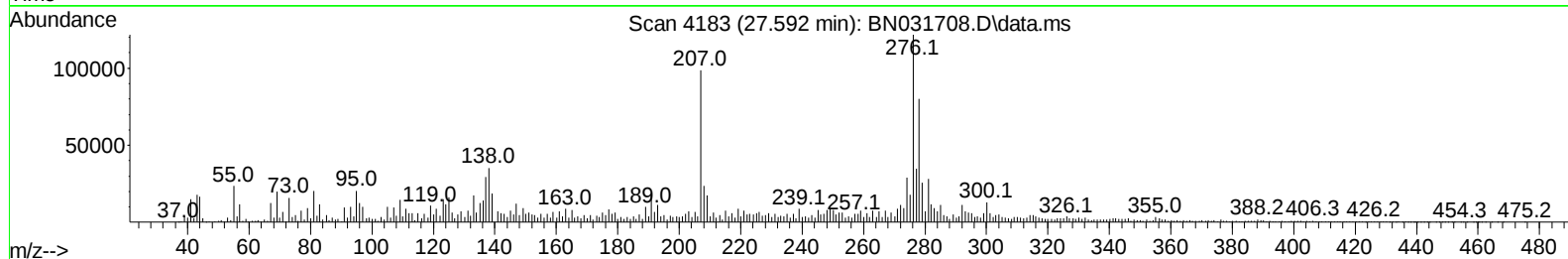
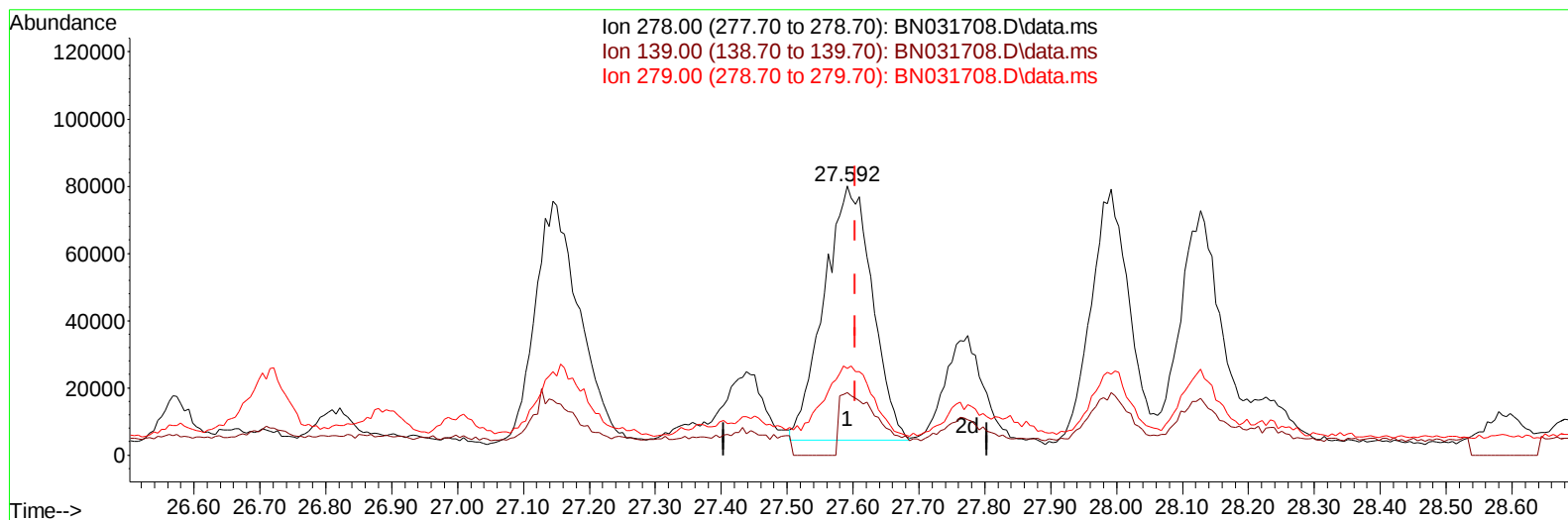
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Instrument :
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Supervised By :mohammad ahmed 05/31/2024



TIC: BN031708.D\data.ms

(95) Dibenzo(a,h)anthracene

27.592min (-0.012) 4.02 ng/u1 m

response 385178

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.80	23.23#
279.00	21.70	32.29#
0.00	0.00	0.00

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 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 30 05:40:41 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152		586425	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136		2520112	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164		1544570	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188		2895405	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240		1697001	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264		1817369	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.199	96		42173	2.975	ng/uL	0.00
4) Pyridine-d5	3.599	84		437253	10.958	ng/ul	0.00
7) Phenol-d5	6.852	99		910456	18.110	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67		521809	17.745	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132		739158	19.269	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113		638579	15.583	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128		363155	18.847	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143		374704	18.825	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165		714842	19.237	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131		110505	2.003	ng/ul	0.00
46) Dimethylphthalate-d6	13.739	166		2127093	19.768	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160		2501091	20.214	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143		299688	13.910	ng/ul	0.00
60) Fluorene-d10	15.316	176		1819887	19.989	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200		191074	13.129	ng/ul	0.00
73) Anthracene-d10	17.169	188		2533972	20.442	ng/ul	0.00
81) Pyrene-d10	19.463	212		2353706	25.919	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264		1777205	20.479	ng/ul	0.00
Target Compounds							
						Qvalue	
50) Acenaphthylene	14.045	152		361881	2.588	ng/ul	98
72) Phenanthrene	17.110	178		2085604	14.140	ng/ul	99
74) Anthracene	17.204	178		576771	3.859	ng/ul	99
77) Carbazole	17.474	167		283676	2.226	ng/ul	97
78) Di-n-butylphthalate	18.045	149		218552	1.247	ng/ul	99
80) Fluoranthene	19.127	202		4888207	45.041	ng/ul	100
82) Pyrene	19.492	202		4421347	39.707	ng/ul	100
85) Benzo(a)anthracene	21.280	228		2399215	21.122	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149		200349	2.613	ng/ul	97
87) Chrysene	21.345	228		2256597	21.269	ng/ul	96
90) Benzo(b)fluoranthene	23.309	252		2771012	25.509	ng/ul	97
91) Benzo(k)fluoranthene	23.362	252		972833m	9.127	ng/ul	
93) Benzo(a)pyrene	24.104	252		1994233	19.601	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.550	276		1382814	11.795	ng/ul	97
95) Dibenzo(a,h)anthracene	27.592	278		385178m	4.024	ng/ul	
96) Benzo(g,h,i)perylene	28.592	276		1388787	14.902	ng/ul	98

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

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