

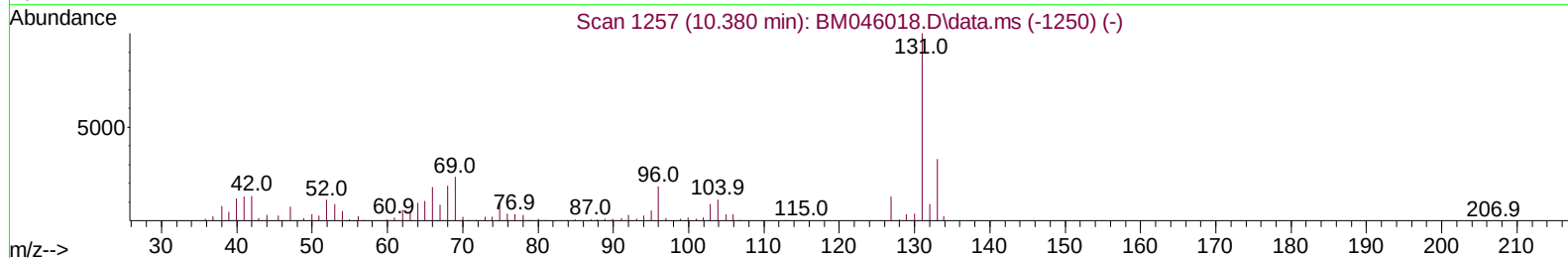
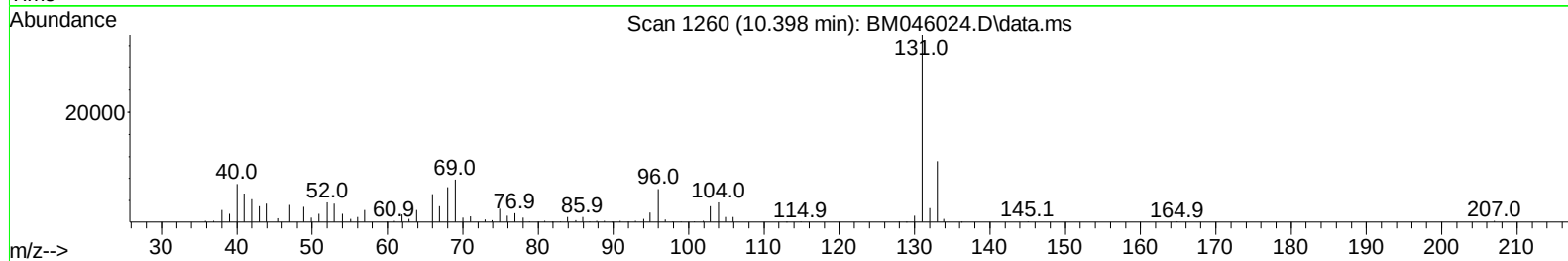
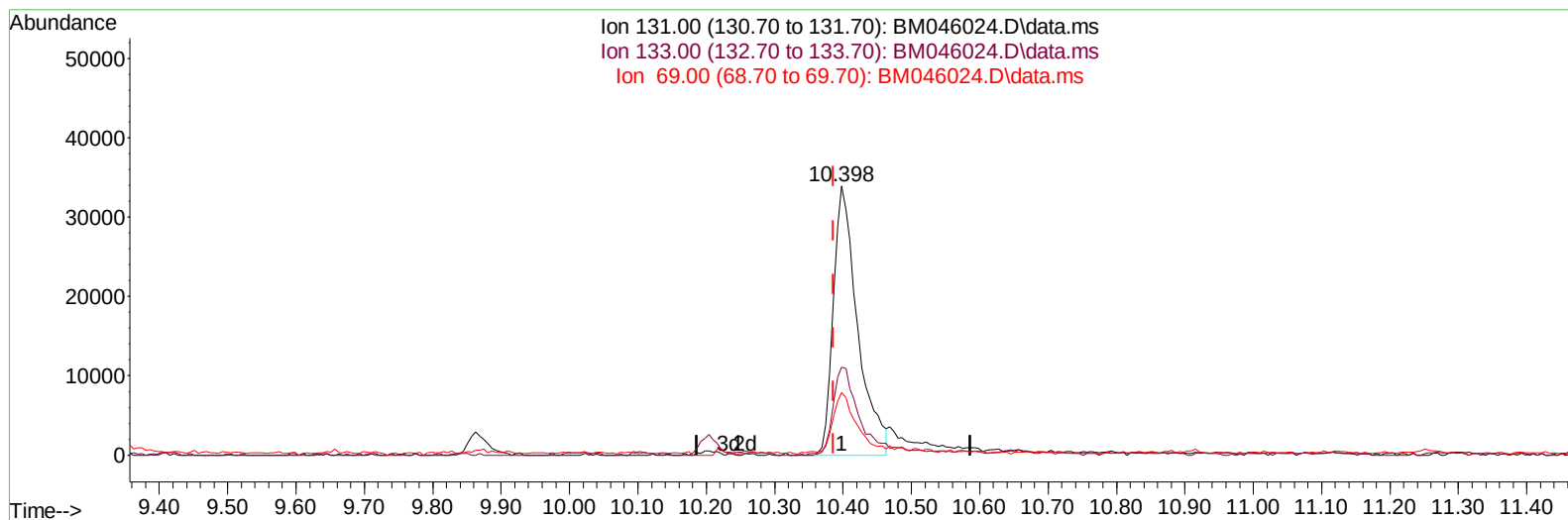
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046024.D
Acq On : 13 Jun 2024 15:18
Operator : MA/JU
Sample : P2648-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBW2

Manual IntegrationsAPPROVED

Quant Time: Jun 13 16:36:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046024.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.398min (+ 0.012) 8.17 ng/u1

response 83881

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	32.76
69.00	20.10	23.19
0.00	0.00	0.00

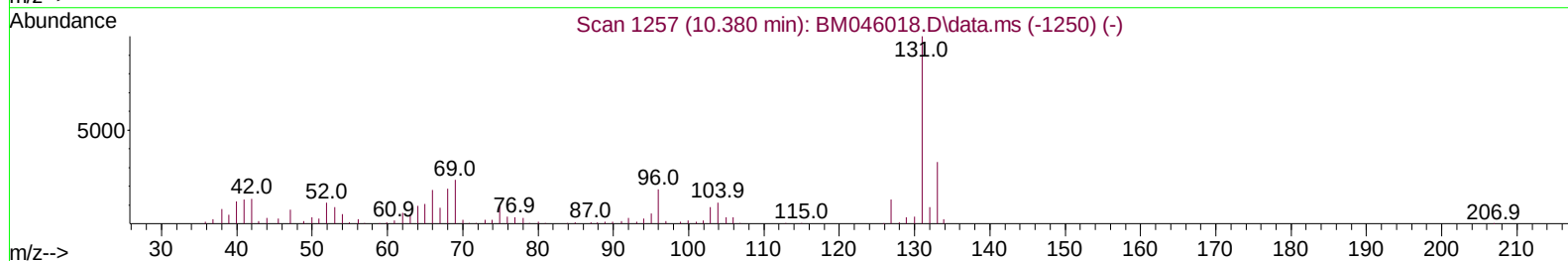
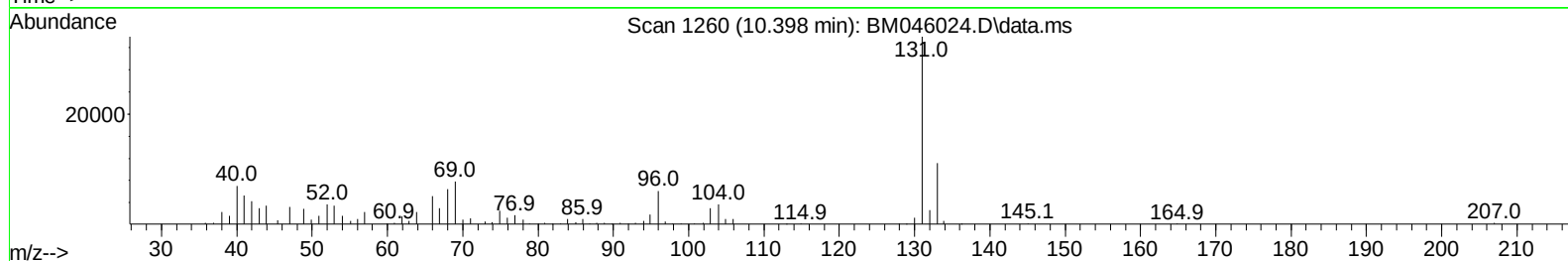
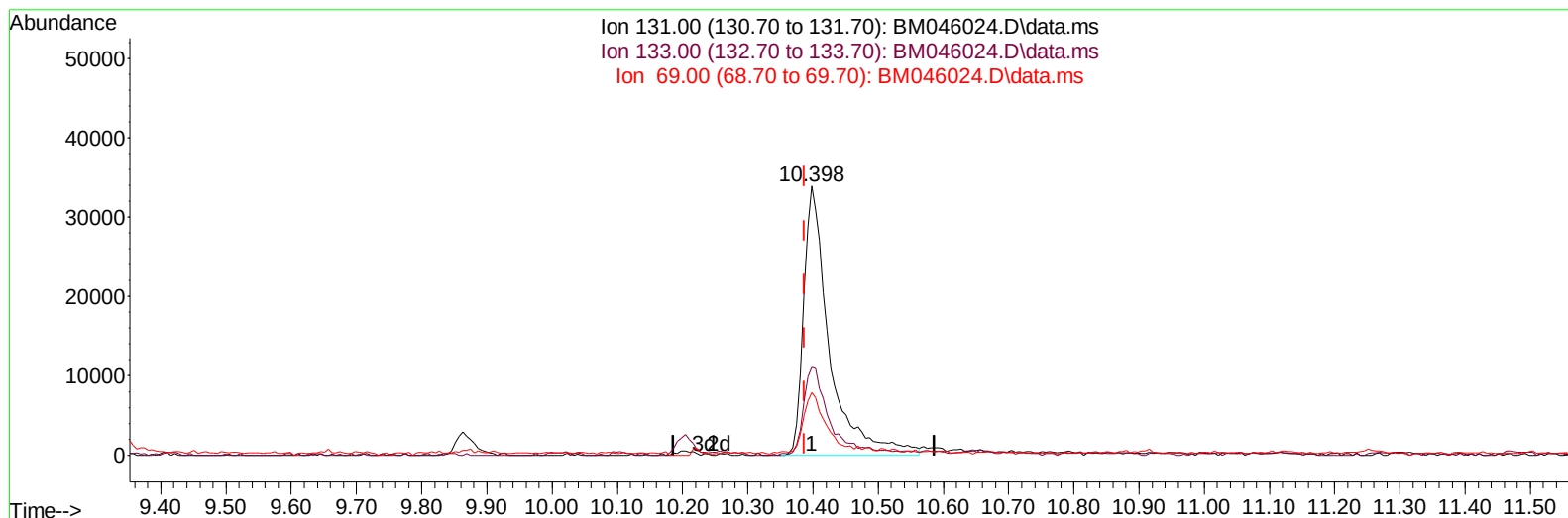
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(31) 4-Chloroaniline-d4 (S)

10.398min (+ 0.012) 9.14 ng/ul m

response 93855

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	32.76
69.00	20.10	23.19
0.00	0.00	0.00

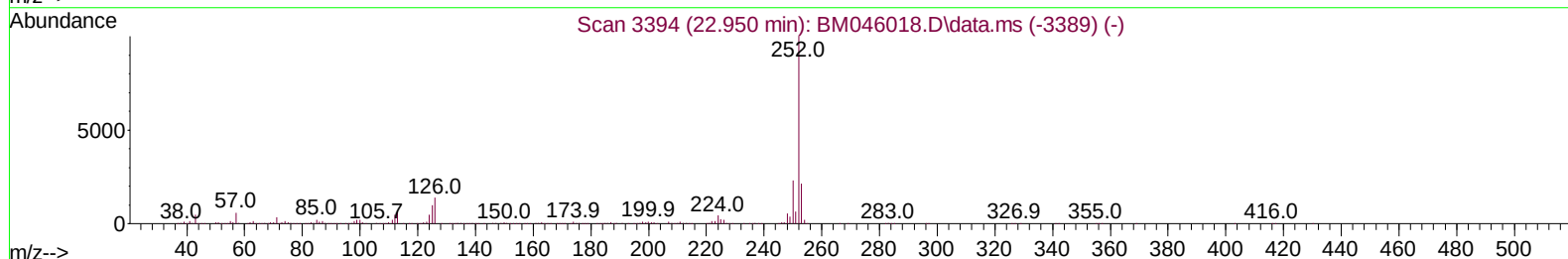
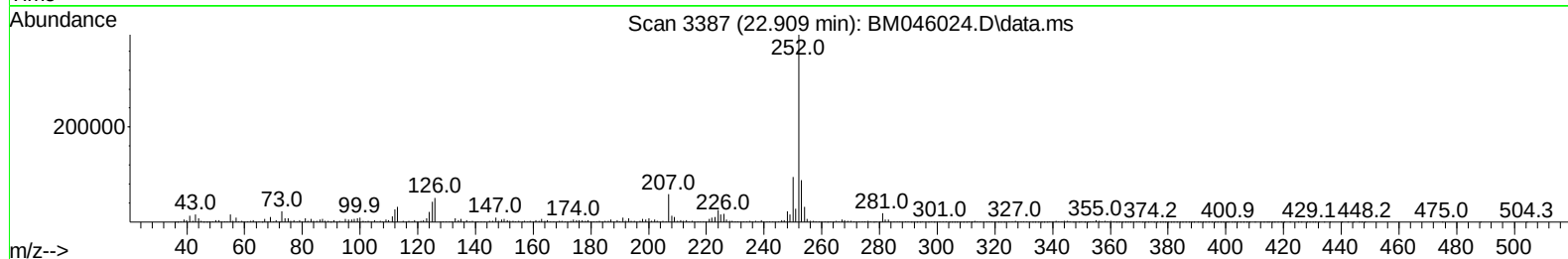
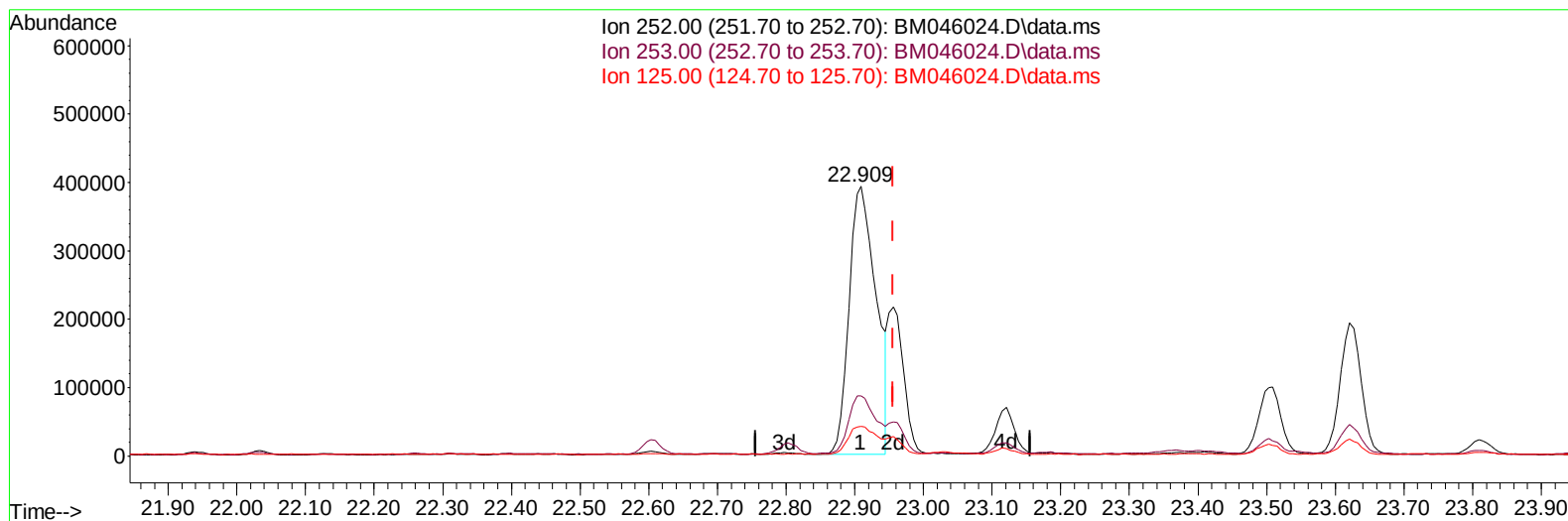
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Jun 13 16:37:56 2024
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TIC: BM046024.D\data.ms

(91) Benzo(k)fluoranthene

22.909min (-0.047) 26.61 ng/u1

response 1069685

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	22.32
125.00	10.30	10.95
0.00	0.00	0.00

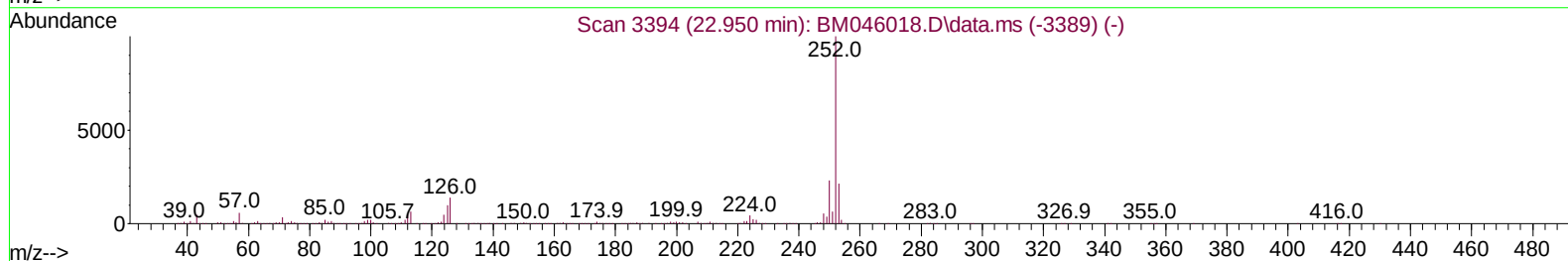
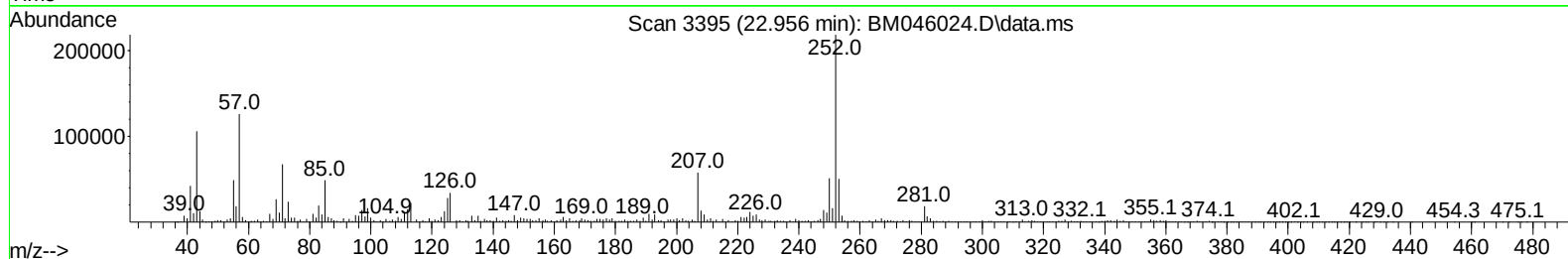
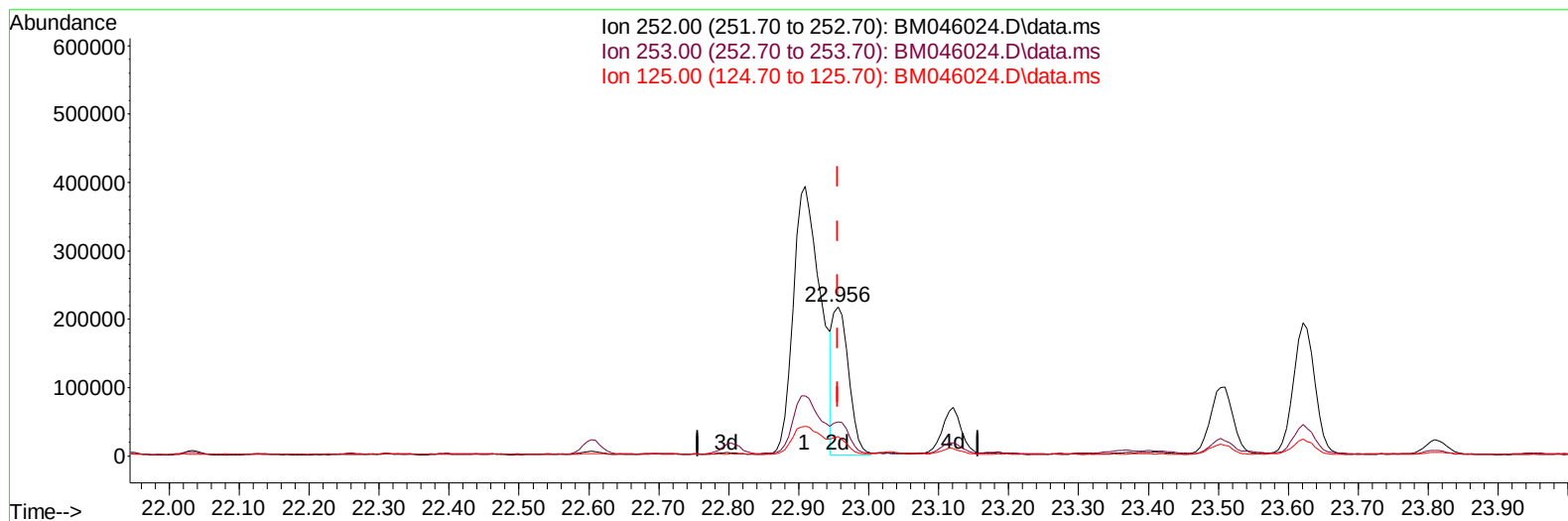
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TIC: BM046024.D\data.ms

(91) Benzo(k)fluoranthene

22.956min (-0.000) 8.57 ng/ul m

response 344275

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	22.96
125.00	10.30	13.02#
0.00	0.00	0.00

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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jun 13 16:39:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	123279	20.000	ng/ul	0.00
20) Naphthalene-d8	10.204	136	500153	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164	305502	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188	605286	20.000	ng/ul	0.00
79) Chrysene-d12	21.045	240	581255	20.000	ng/ul	0.00
88) Perylene-d12	23.750	264	669591	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	12551	3.947	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.693	99	260325	24.857	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	186578	24.810	ng/ul	0.00
11) 2-Chlorophenol-d4	6.998	132	211316	27.012	ng/ul	0.00
15) 4-Methylphenol-d8	8.210	113	192154	24.286	ng/ul	0.00
21) Nitrobenzene-d5	8.604	128	104032	26.603	ng/ul	0.00
24) 2-Nitrophenol-d4	9.310	143	114300	28.880	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	193624	26.089	ng/ul	0.00
31) 4-Chloroaniline-d4	10.398	131	93855m	9.137	ng/ul	0.01
46) Dimethylphthalate-d6	13.527	166	575064	27.190	ng/ul	0.00
49) Acenaphthylene-d8	13.769	160	664554	27.059	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	68395	14.984	ng/ul	0.01
60) Fluorene-d10	15.080	176	498991	27.656	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.233	200	52110	16.859	ng/ul	0.01
73) Anthracene-d10	16.927	188	734552	27.916	ng/ul	0.00
81) Pyrene-d10	19.227	212	755657	20.905	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	584017	18.662	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.287	105	18637	1.413	ng/ul	88
30) Naphthalene	10.251	128	44989	1.687	ng/ul#	96
36) 2-Methylnaphthalene	11.880	142	18612	1.054	ng/ul	100
50) Acenaphthylene	13.804	152	78637	2.766	ng/ul	99
52) Acenaphthene	14.145	153	29523	1.556	ng/ul	95
61) Fluorene	15.133	166	30010	1.456	ng/ul#	98
72) Phenanthrene	16.868	178	662414	20.770	ng/ul	99
74) Anthracene	16.962	178	136547	4.286	ng/ul	97
77) Carbazole	17.251	167	66707	2.454	ng/ul	97
78) Di-n-butylphthalate	17.815	149	57806	1.617	ng/ul#	93
80) Fluoranthene	18.892	202	1510908	34.479	ng/ul	99
82) Pyrene	19.256	202	1139220	25.303	ng/ul	99
83) Butylbenzylphthalate	20.186	149	55678	3.034	ng/ul	94
85) Benzo(a)anthracene	21.027	228	703034	17.517	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	20.974	149	350032	12.839	ng/ul	99
87) Chrysene	21.086	228	761428	20.508	ng/ul	98
90) Benzo(b)fluoranthene	22.909	252	1069685	25.995	ng/ul	99
91) Benzo(k)fluoranthene	22.956	252	344275m	8.566	ng/ul	
93) Benzo(a)pyrene	23.621	252	411717	11.386	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.738	276	391216	9.907	ng/ul	99
95) Dibenzo(a,h)anthracene	26.774	278	130316	4.173	ng/ul	93
96) Benzo(g,h,i)perylene	27.662	276	55327	1.591	ng/ul#	85

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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