

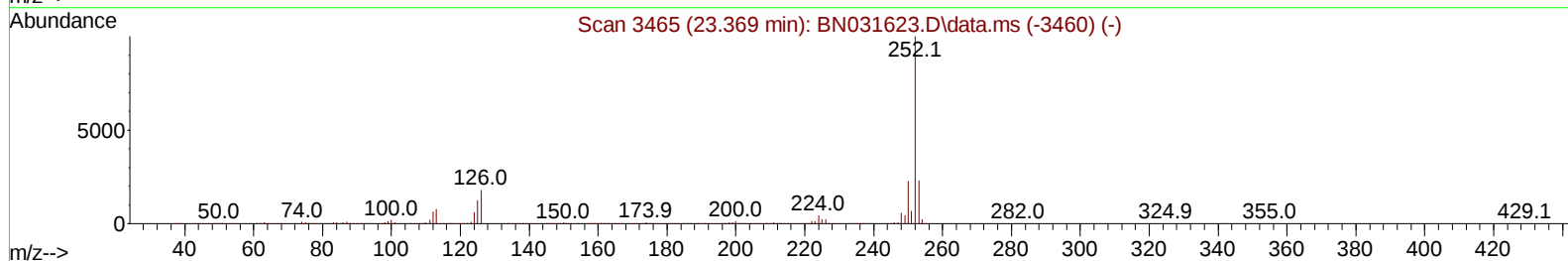
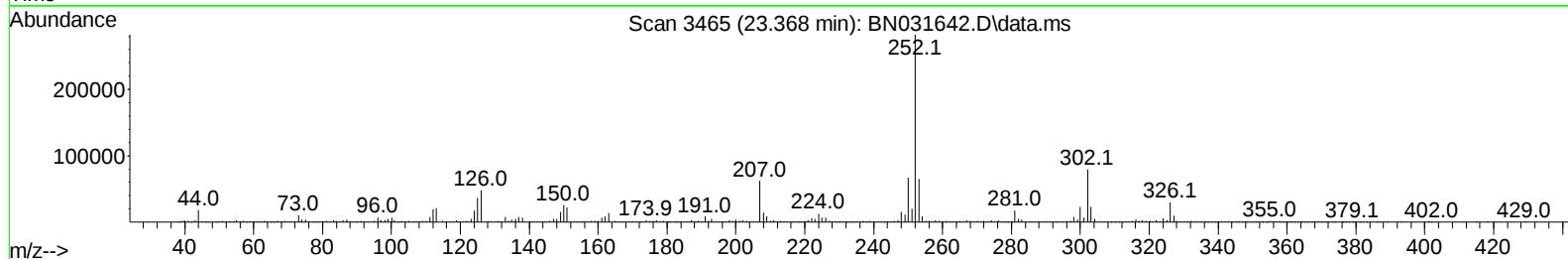
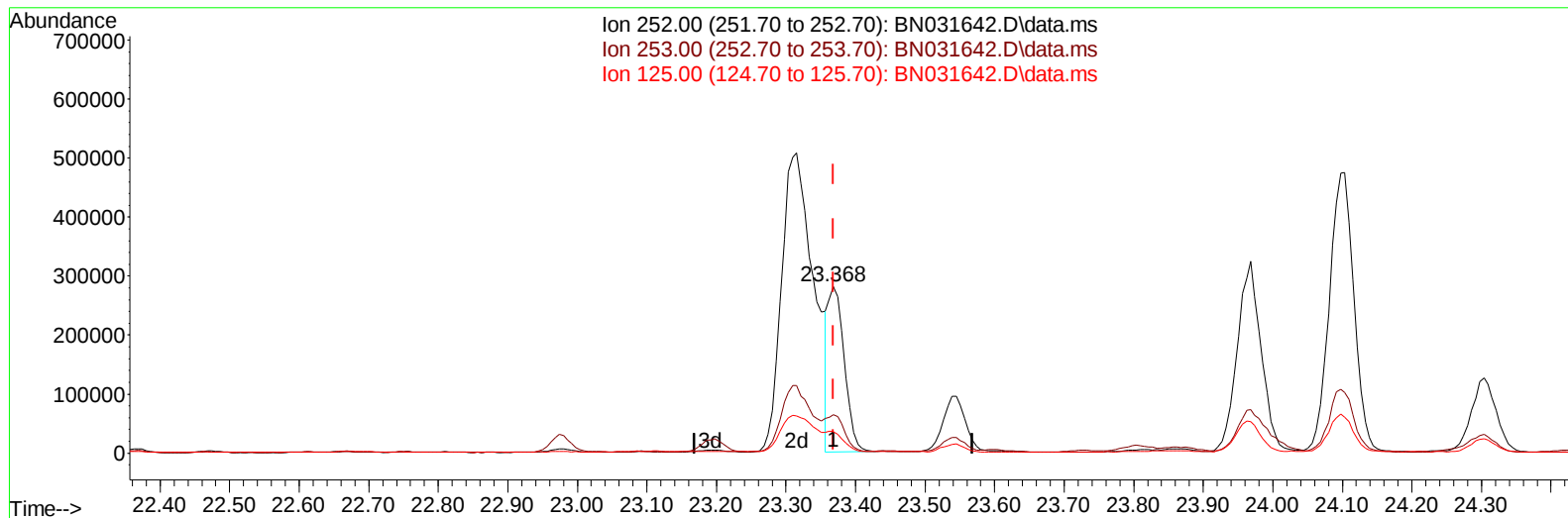
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031642.D
Acq On : 23 May 2024 21:32
Operator : MA/JU
Sample : P2547-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 23 22:53:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration



TIC: BN031642.D\data.ms

(91) Benzo(k)fluoranthene

23.368min (-0.000) 4.81 ng/u1

response 446593

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.97
125.00	11.60	12.87
0.00	0.00	0.00

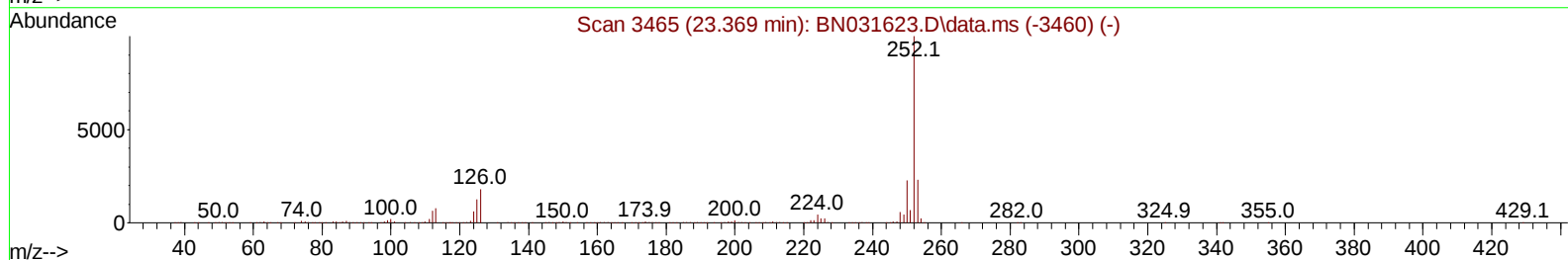
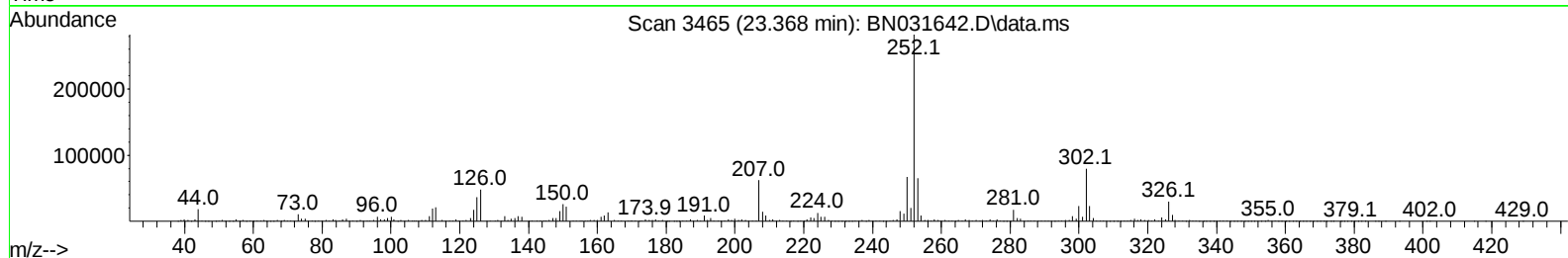
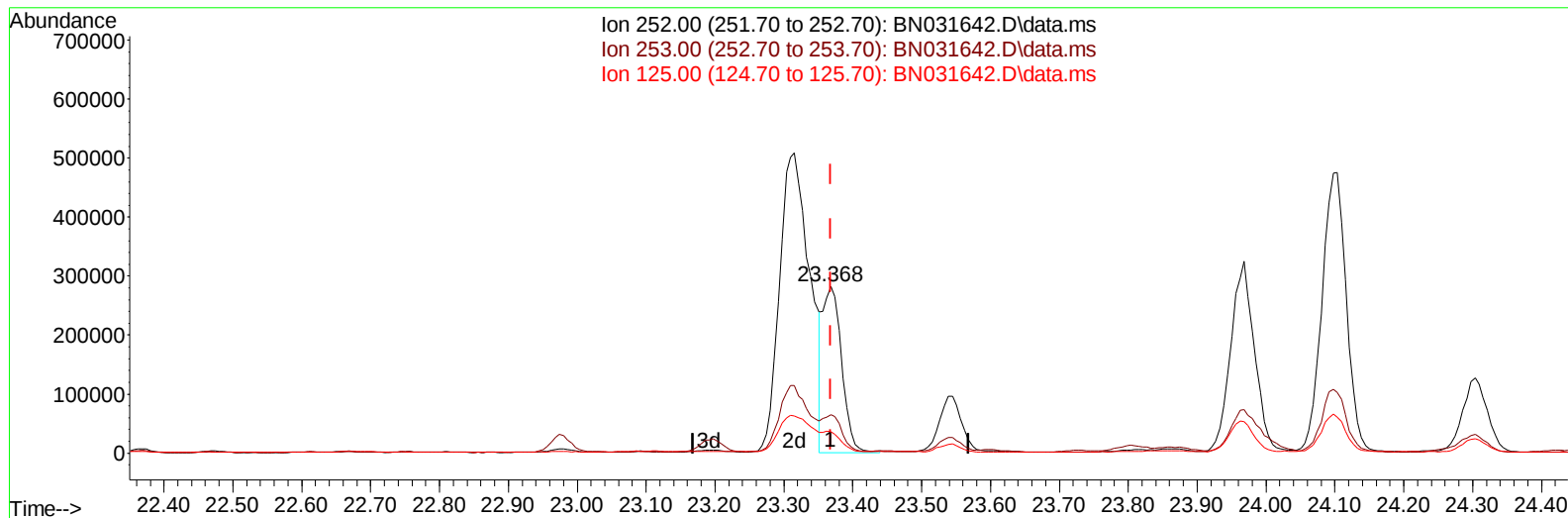
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TIC: BN031642.D\data.ms

(91) Benzo(k)fluoranthene

23.368min (-0.000) 5.80 ng/u1 m

response 538843

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.97
125.00	11.60	12.87
0.00	0.00	0.00

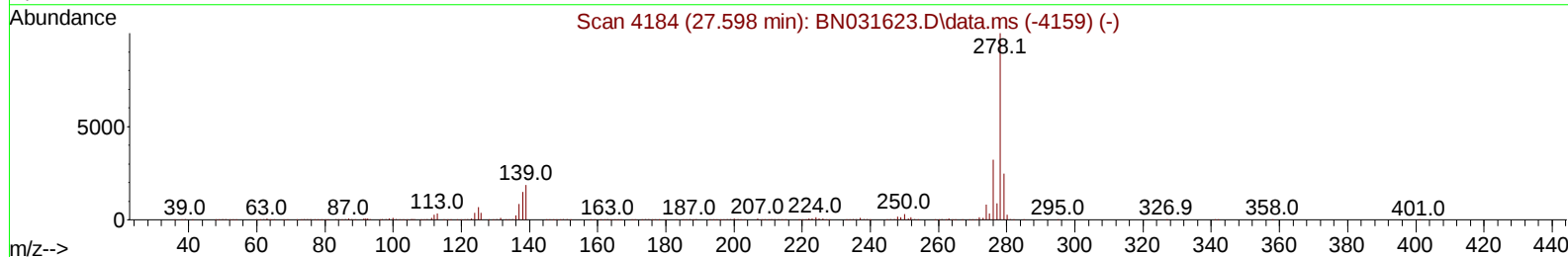
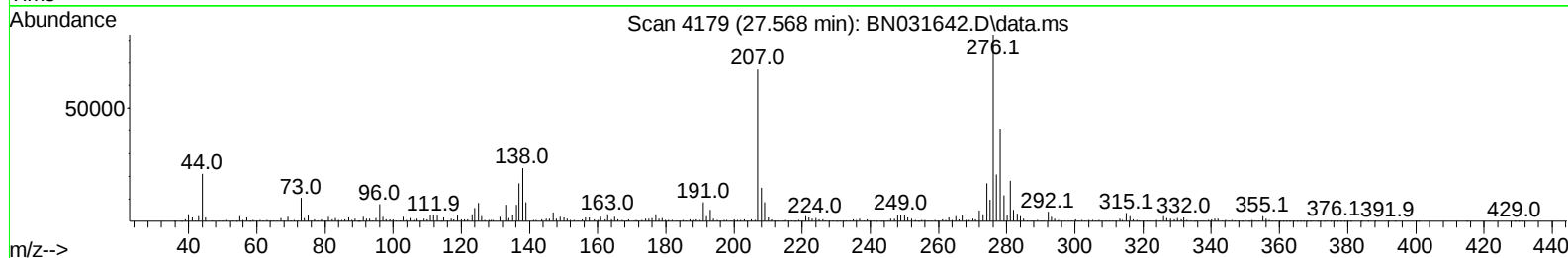
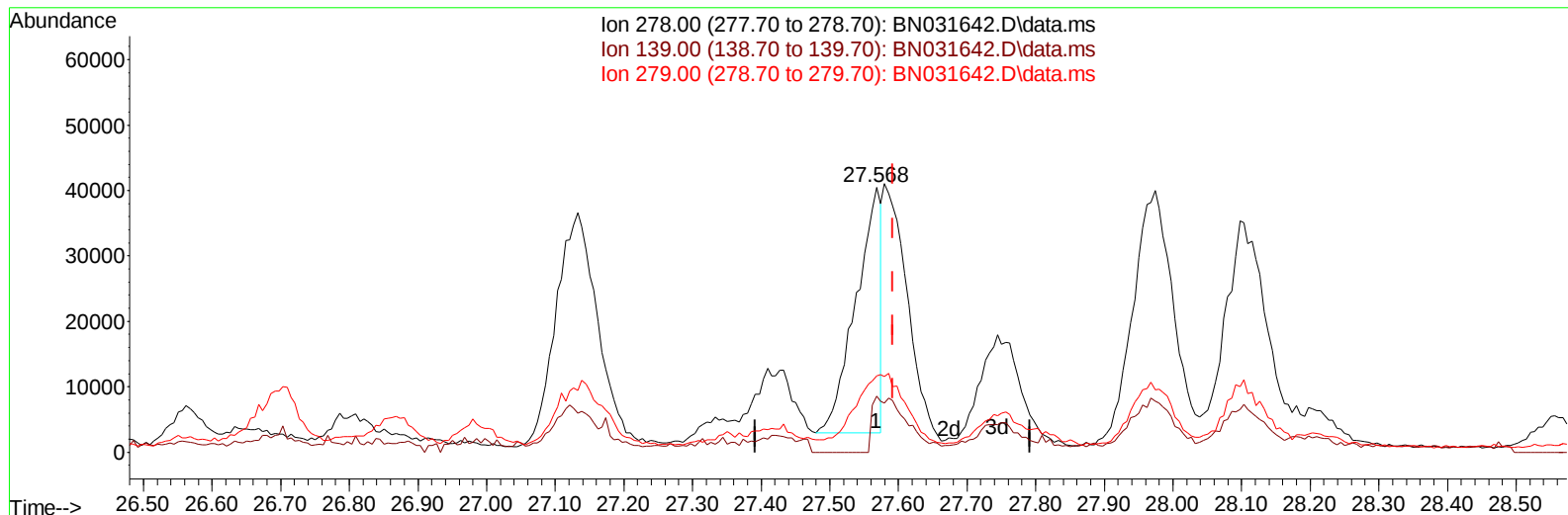
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TIC: BN031642.D\data.ms

(95) Dibenzo(a,h)anthracene

27.568min (-0.024) 1.11 ng/u1

response 96168

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.00	21.09
279.00	23.00	28.74#
0.00	0.00	0.00

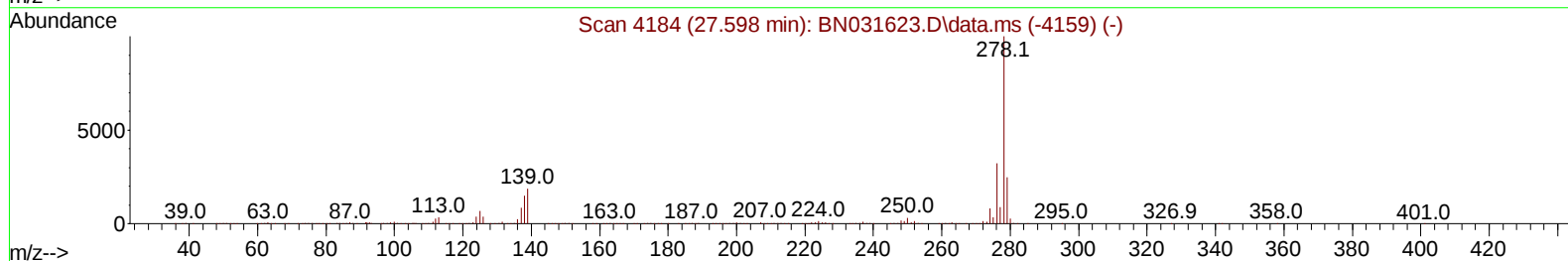
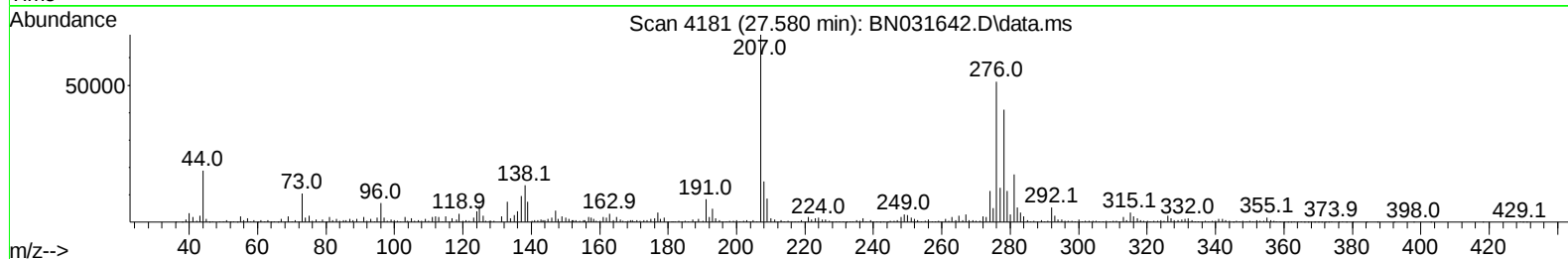
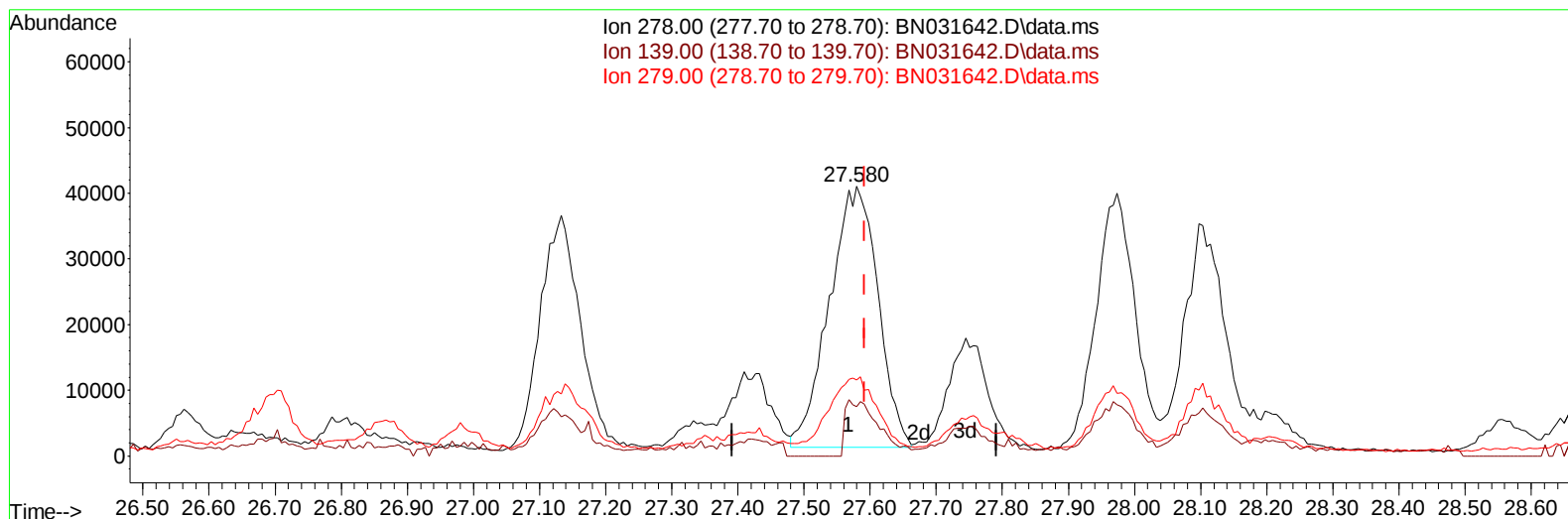
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



TIC: BN031642.D\data.ms

(95) Dibenzo(a,h)anthracene

27.580min (-0.012) 2.35 ng/ul m

response 203292

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.00	18.39
279.00	23.00	28.18#
0.00	0.00	0.00

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 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 23 23:49:55 2024
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 QLast Update : Tue May 21 23:42:49 2024
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Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152		424844	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136		1613778	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164		813325	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188		1395793	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240		1253510	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264		1561052	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.205	96		39651	3.699	ng/uL	0.00
4) Pyridine-d5	3.605	84		514417	17.198	ng/ul	0.00
7) Phenol-d5	6.857	99		679155	19.420	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67		428238	20.416	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132		562349	20.868	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113		446759	16.501	ng/ul	0.00
21) Nitrobenzene-d5	8.845	128		260685	21.344	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143		249332	21.378	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.092	165		464654	20.376	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131		636613	19.367	ng/ul	0.00
46) Dimethylphthalate-d6	13.739	166		1174965	22.923	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160		1486637	23.141	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143		140359	14.473	ng/ul	0.00
60) Fluorene-d10	15.322	176		985463	22.185	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200		69765	11.561	ng/ul	0.00
73) Anthracene-d10	17.169	188		1346658	22.791	ng/ul	0.00
81) Pyrene-d10	19.468	212		1514195	19.258	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264		1733370	23.590	ng/ul	0.00
Target Compounds							
						Qvalue	
52) Acenaphthene	14.392	153		80465	1.675	ng/ul	91
61) Fluorene	15.375	166		73172	1.456	ng/ul	99
72) Phenanthrene	17.110	178		1480772	20.904	ng/ul	98
74) Anthracene	17.204	178		329486	4.636	ng/ul	97
77) Carbazole	17.474	167		127795	2.107	ng/ul	99
80) Fluoranthene	19.133	202		2364817	24.333	ng/ul	99
82) Pyrene	19.498	202		2111963	21.190	ng/ul	99
85) Benzo(a)anthracene	21.286	228		1206404	14.312	ng/ul	98
87) Chrysene	21.345	228		1094352	14.055	ng/ul	98
90) Benzo(b)fluoranthene	23.315	252		1538332	16.887	ng/ul	97
91) Benzo(k)fluoranthene	23.368	252		538843m	5.803	ng/ul	
93) Benzo(a)pyrene	24.103	252		1157470	13.227	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.533	276		812375	7.735	ng/ul	99
95) Dibenzo(a,h)anthracene	27.580	278		203292m	2.351	ng/ul	
96) Benzo(g,h,i)perylene	28.562	276		787610	9.077	ng/ul	100

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

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Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

