

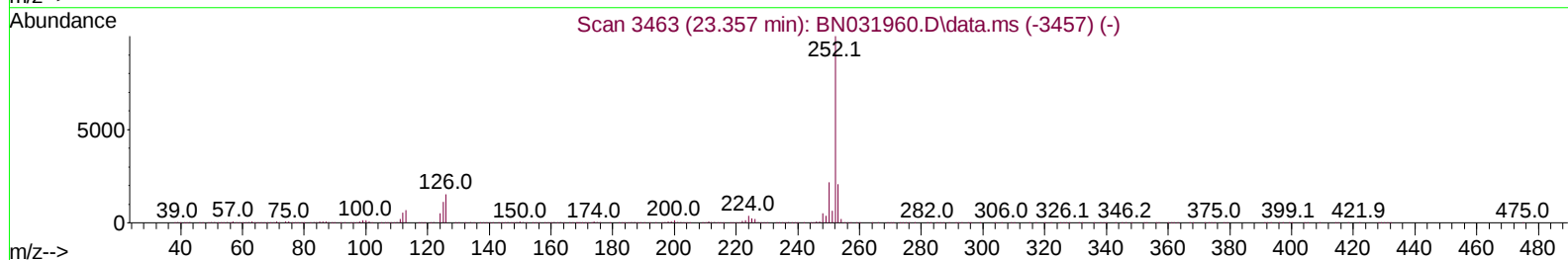
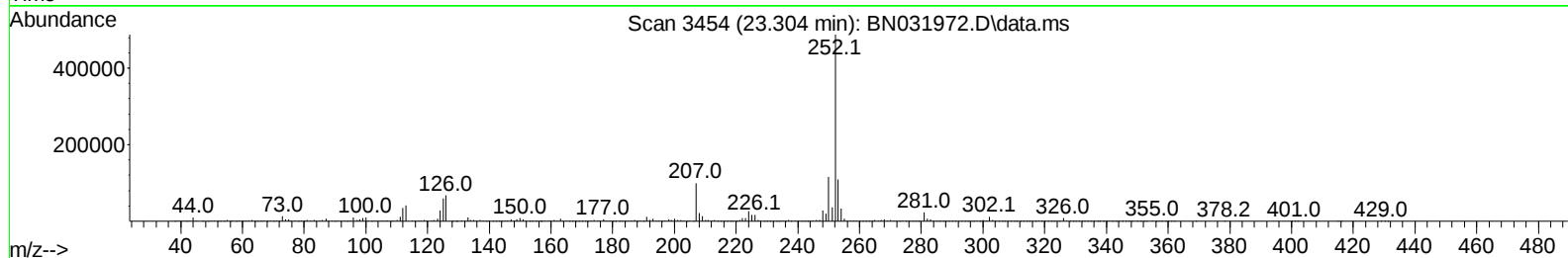
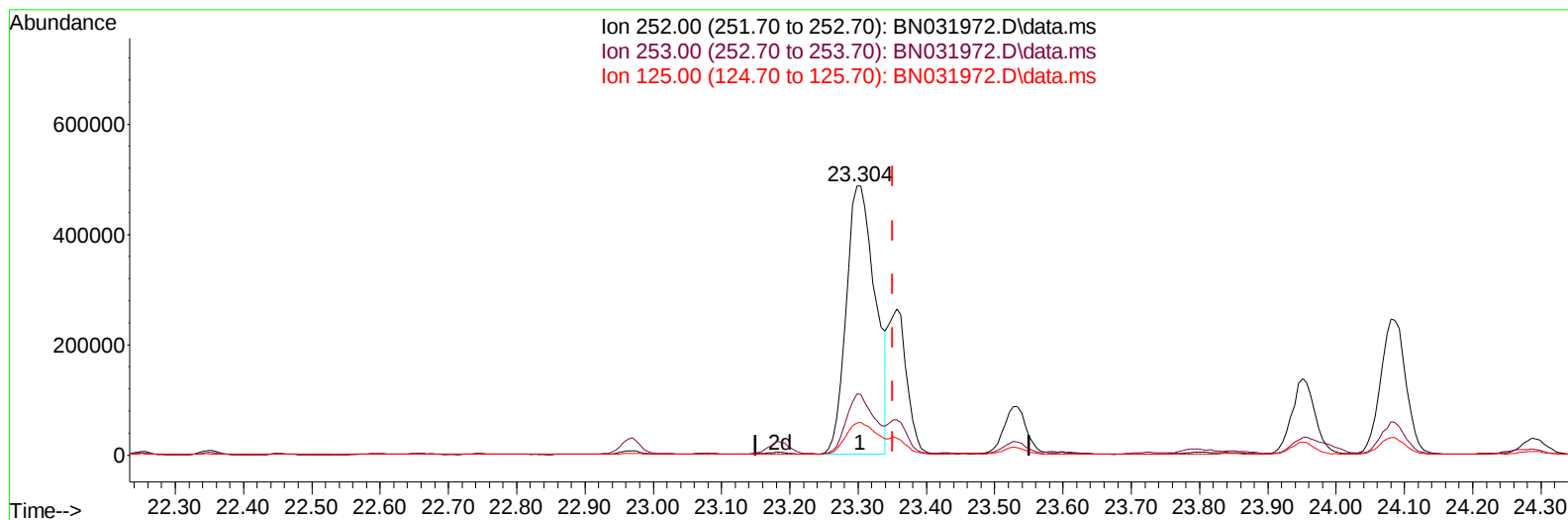
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031972.D
Acq On : 13 Jun 2024 11:41
Operator : MA/JU
Sample : P2659-03DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC26DL

Manual IntegrationsAPPROVED

Quant Time: Jun 13 12:20:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



TIC: BN031972.D\data.ms

(91) Benzo(k)fluoranthene

23.304min (-0.047) 18.63 ng/u1

response 1449147

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.48
125.00	11.80	12.25
0.00	0.00	0.00

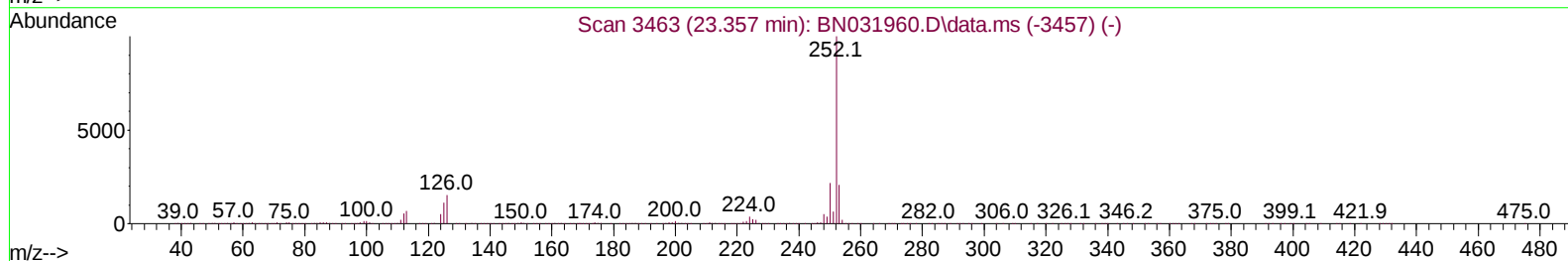
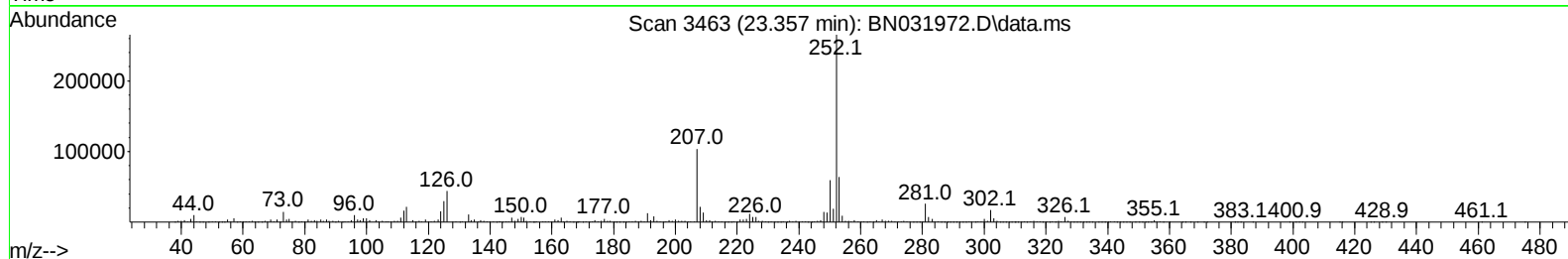
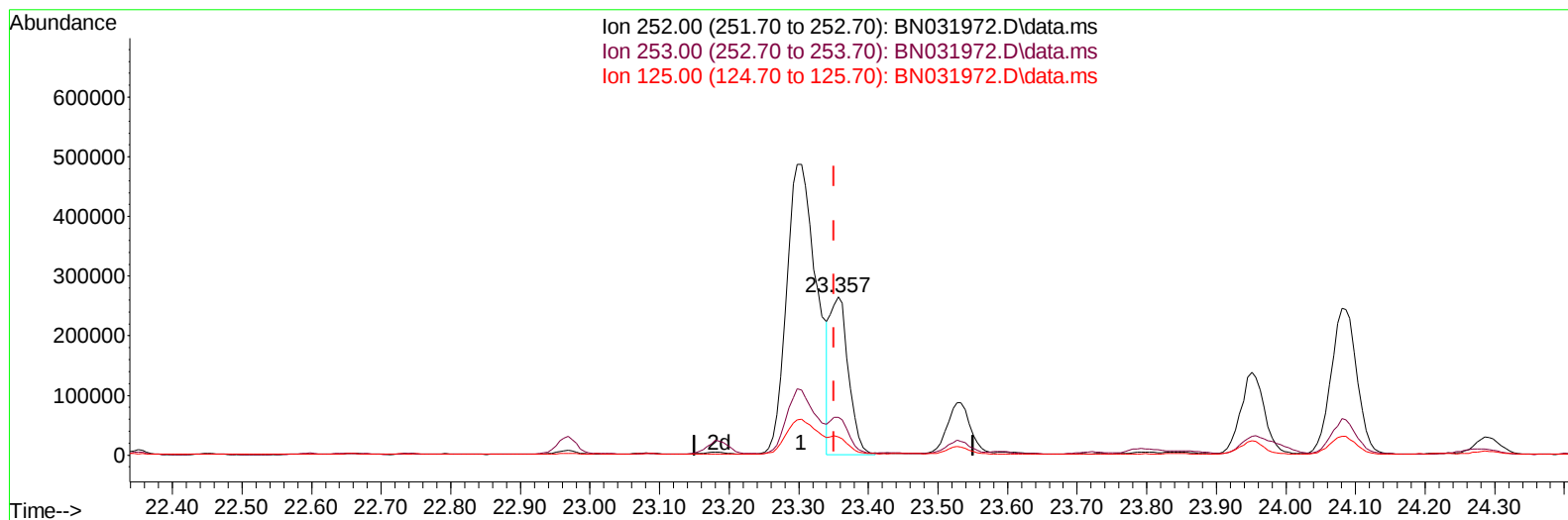
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TIC: BN031972.D\data.ms

(91) Benzo(k)fluoranthene

23.357min (+ 0.006) 6.33 ng/u1 m

response 492437

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	24.06
125.00	11.80	11.37
0.00	0.00	0.00

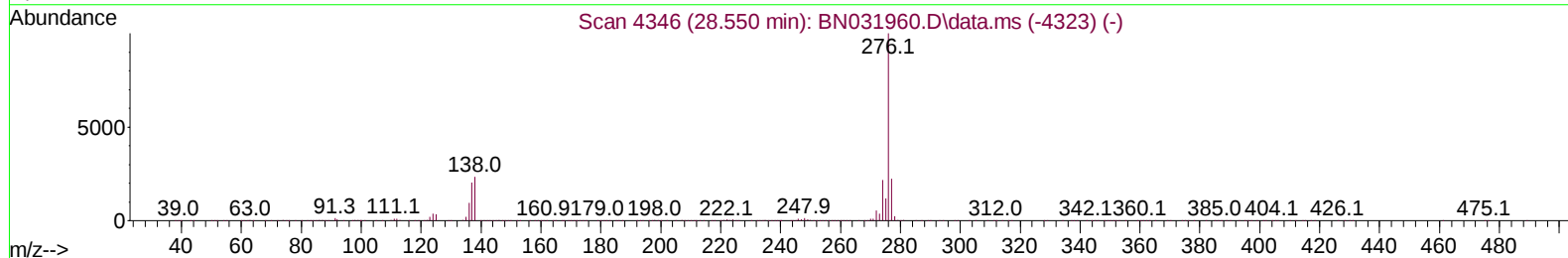
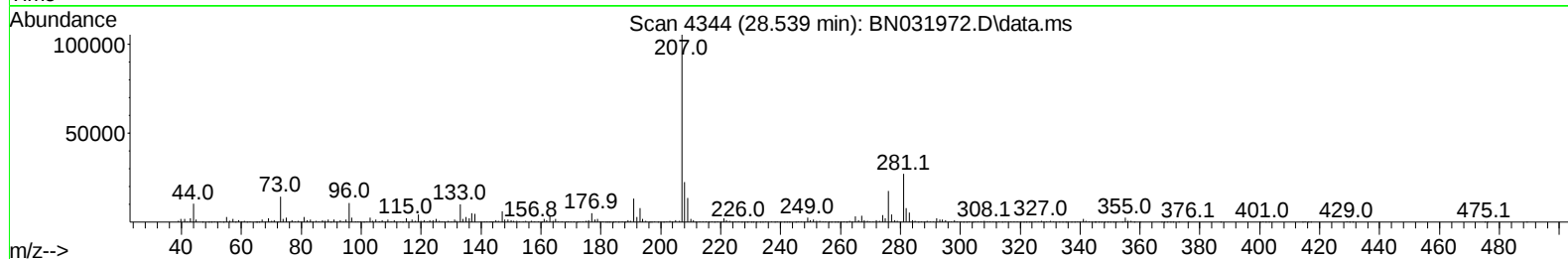
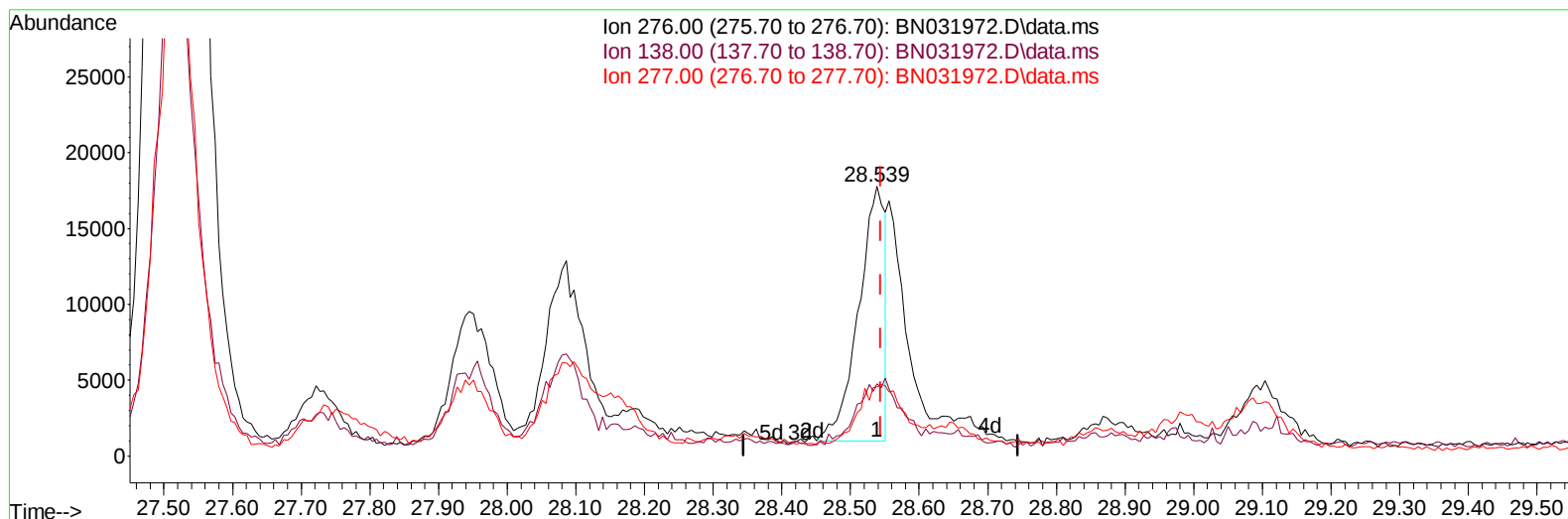
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Data File : BN031972.D
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Operator : MA/JU
Sample : P2659-03DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC26DL

Manual IntegrationsAPPROVED

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TIC: BN031972.D\data.ms

(96) Benzo(g,h,i)perylene

28.539min (-0.006) 0.66 ng/u1

response 45003

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	26.83
277.00	22.50	25.53
0.00	0.00	0.00

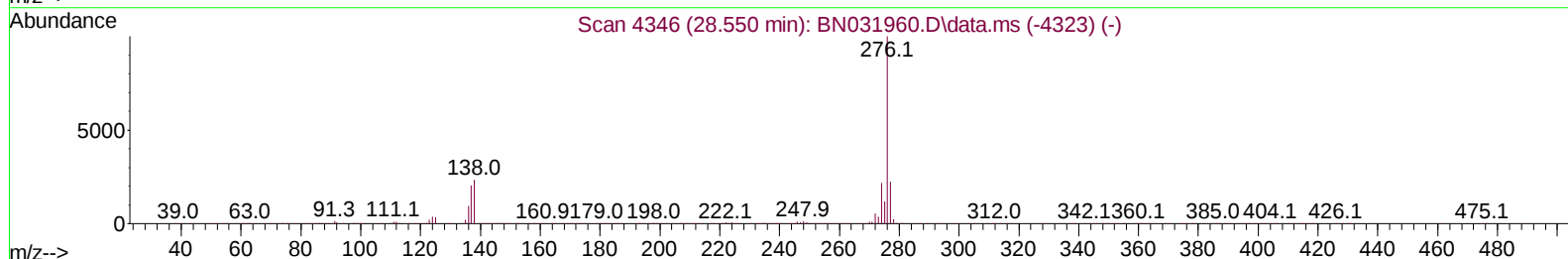
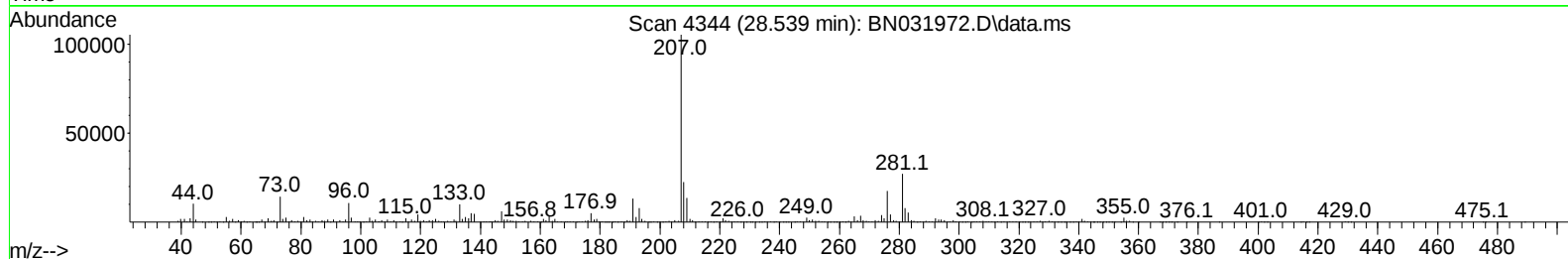
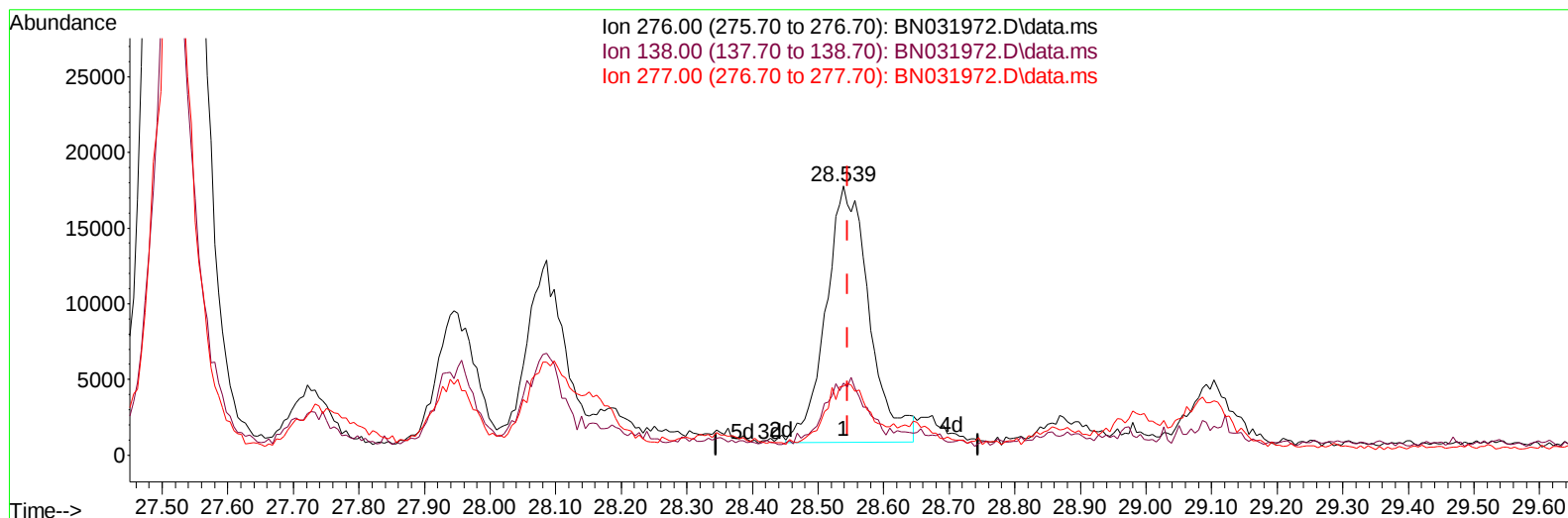
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 ALS Vial : 31 Sample Multiplier: 1

Instrument :
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TIC: BN031972.D\data.ms

(96) Benzo(g,h,i)perylene

28.539min (-0.006) 1.14 ng/u1 m

response 77570

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	26.83
277.00	22.50	25.53
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
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Quant Time: Jun 13 12:25:39 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	415801	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1740356	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	1020298	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1705789	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1127822	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	1326060	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	7565	0.753	ng/uL	0.00
4) Pyridine-d5	3.593	84	41863	1.480	ng/ul	0.01
7) Phenol-d5	6.834	99	173952	4.880	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	105765	5.073	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	146221	5.376	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	126191	4.343	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	72517	5.450	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	73863	5.374	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	129809	5.058	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	58920	1.546	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	397182	5.588	ng/ul	0.00
49) Acenaphthylene-d8	13.993	160	454250	5.558	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	38424	2.700	ng/ul	0.01
60) Fluorene-d10	15.298	176	325717	5.416	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	16381	1.911	ng/ul	0.00
73) Anthracene-d10	17.151	188	411111	5.629	ng/ul	0.00
81) Pyrene-d10	19.451	212	333799	5.531	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	253311	4.001	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.022	152	207813	2.250	ng/ul	99
72) Phenanthrene	17.092	178	1398639	16.096	ng/ul	98
74) Anthracene	17.186	178	277263	3.149	ng/ul	97
77) Carbazole	17.463	167	98339	1.310	ng/ul	96
80) Fluoranthene	19.116	202	2442000	33.857	ng/ul	98
82) Pyrene	19.480	202	1735986	23.459	ng/ul	100
85) Benzo(a)anthracene	21.275	228	1029159	13.633	ng/ul	99
87) Chrysene	21.333	228	1016653	14.418	ng/ul	96
90) Benzo(b)fluoranthene	23.304	252	1449147	18.283	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	492437m	6.331	ng/ul	
93) Benzo(a)pyrene	24.080	252	630082	8.488	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	27.521	276	564577	6.600	ng/ul	96
95) Dibenzo(a,h)anthracene	27.557	278	183610	2.629	ng/ul#	90
96) Benzo(g,h,i)perylene	28.539	276	77570m	1.141	ng/ul	

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

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