

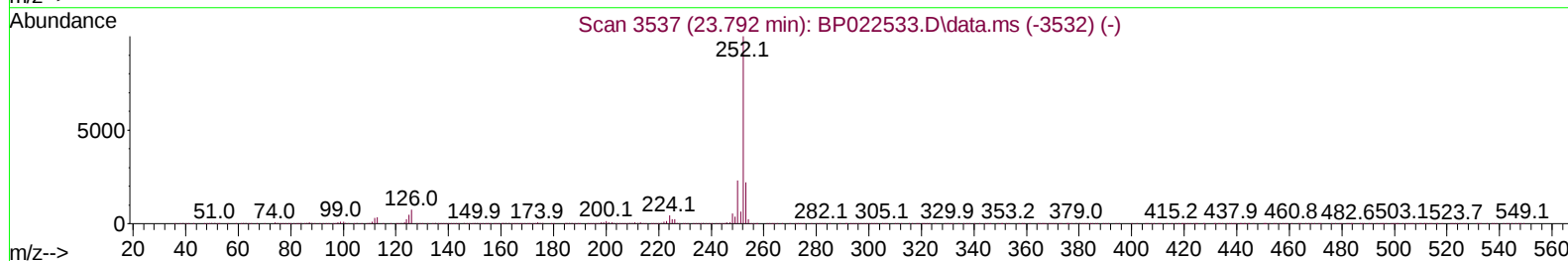
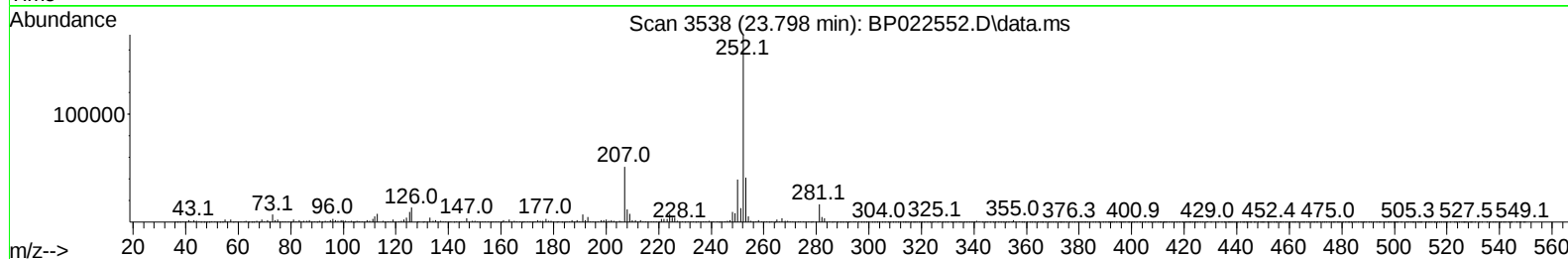
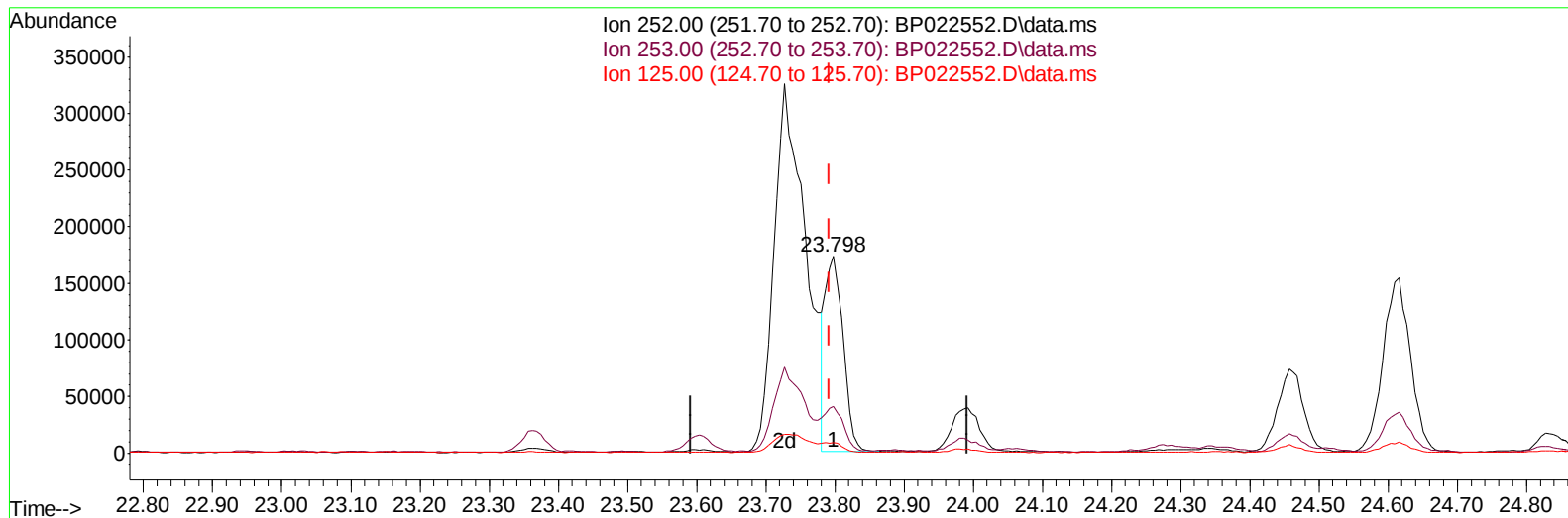
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022552.D
Acq On : 23 Oct 2024 01:14
Operator : RC/JU
Sample : P4414-13
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 02:40:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration



TIC: BP022552.D\data.ms

(91) Benzo(k)fluoranthene

23.798min (+ 0.006) 5.28 ng/u1

response 307431

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	23.58
125.00	5.70	5.37
0.00	0.00	0.00

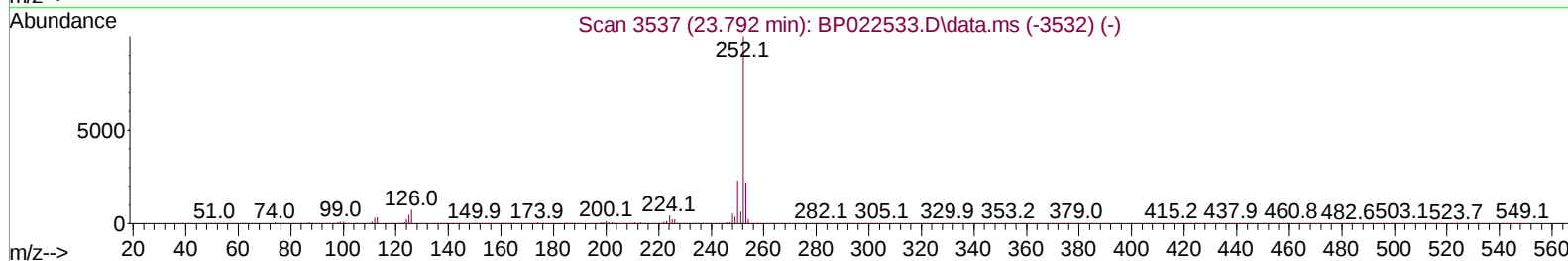
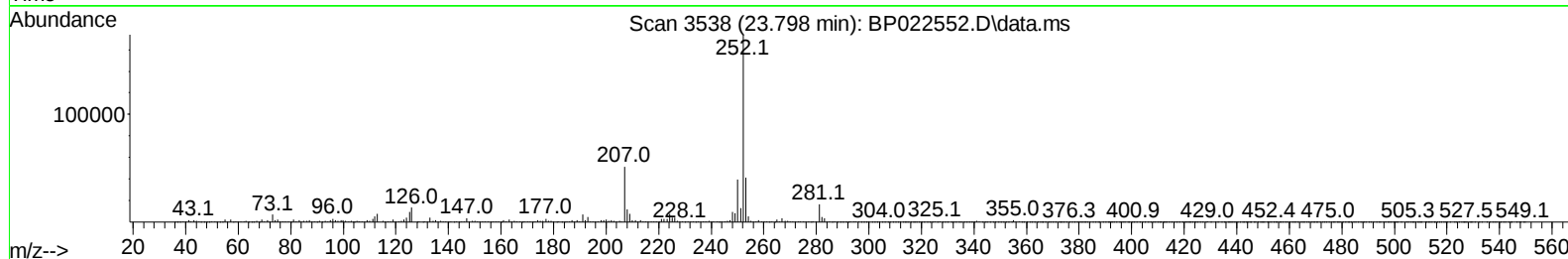
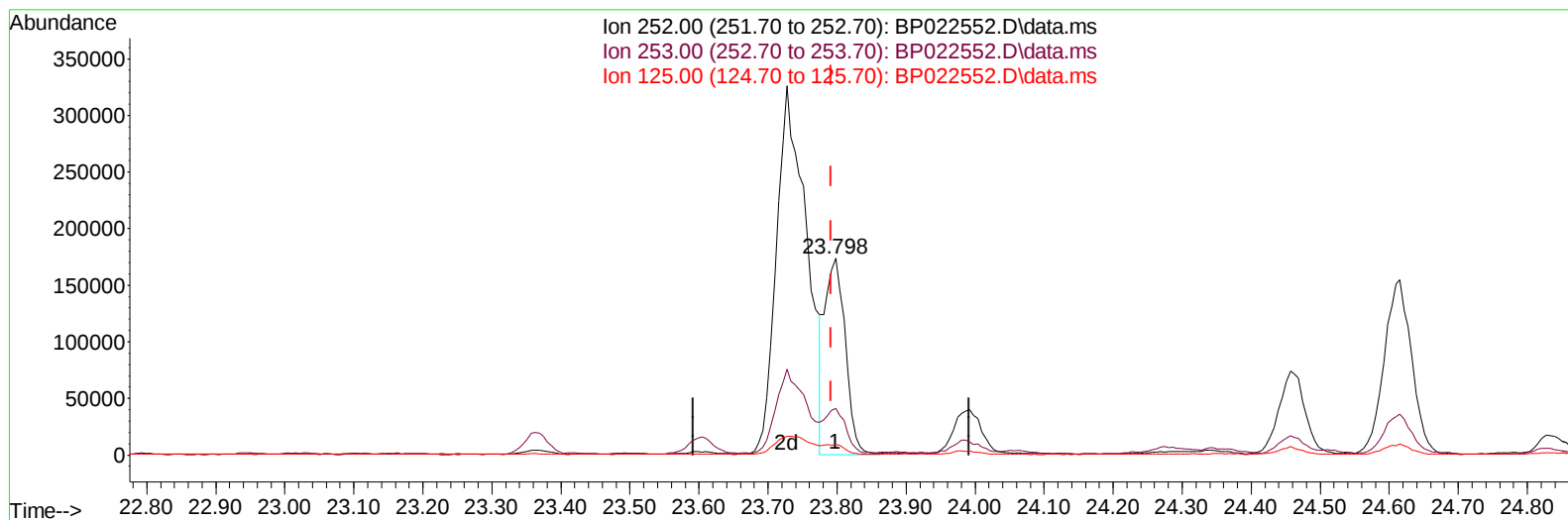
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TIC: BP022552.D\data.ms

(91) Benzo(k)fluoranthene

23.798min (+ 0.006) 6.12 ng/u1 m

response 356392

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	23.58
125.00	5.70	5.37
0.00	0.00	0.00

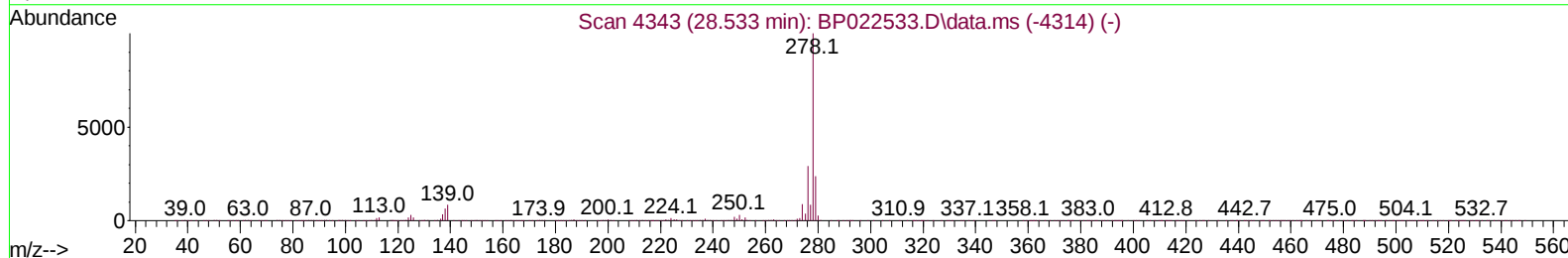
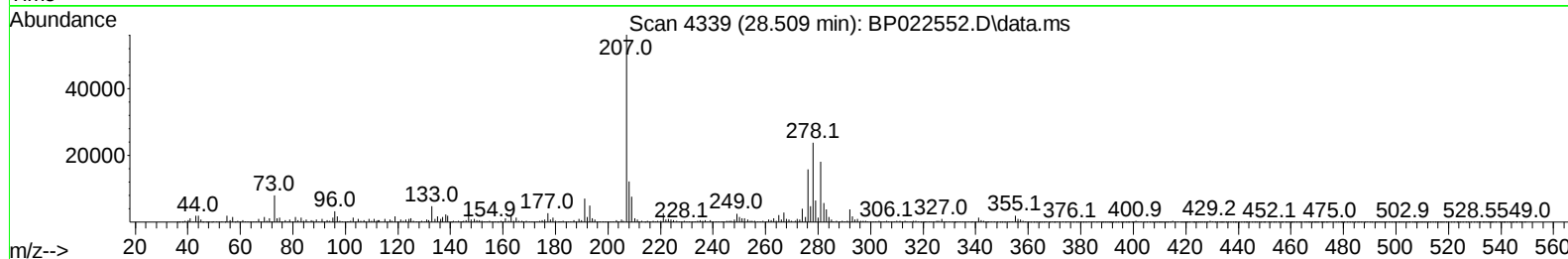
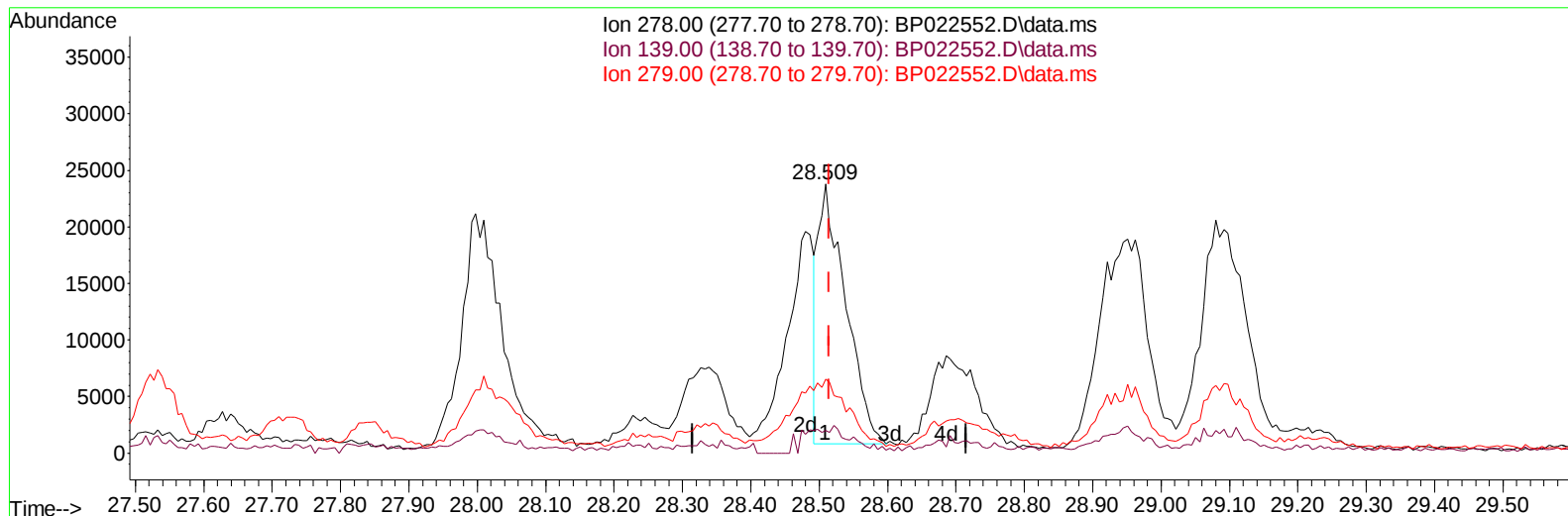
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TIC: BP022552.D\data.ms

(95) Dibenzo(a,h)anthracene

28.509min (-0.005) 1.10 ng/u1

response 64793

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	8.42
279.00	23.70	27.47
0.00	0.00	0.00

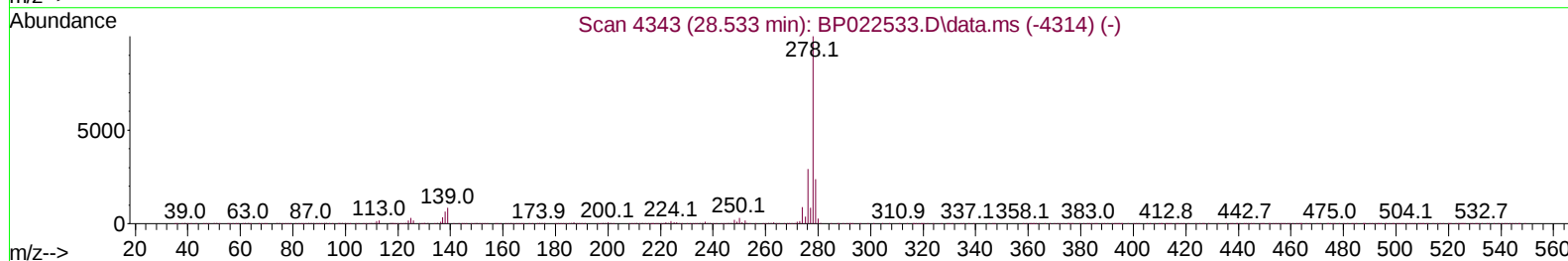
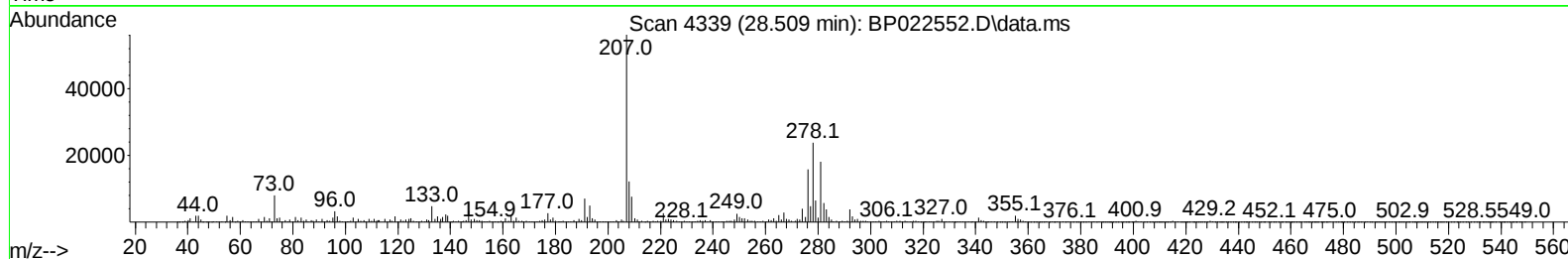
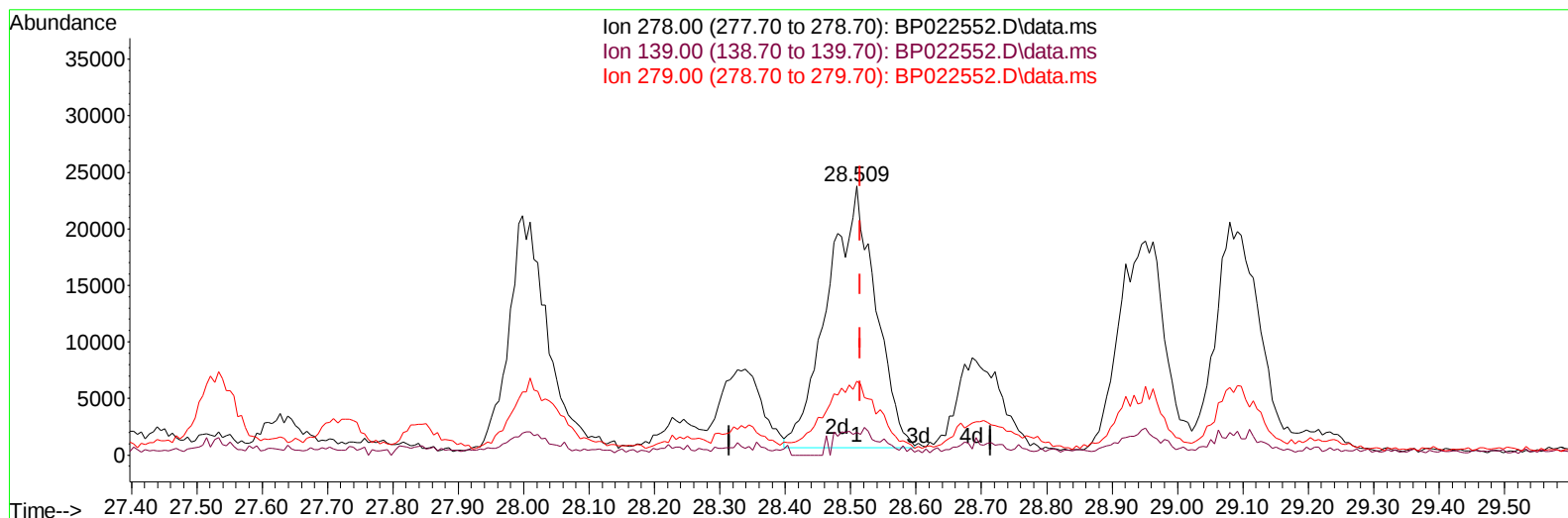
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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP022552.D\data.ms

(95) Dibenzo(a,h)anthracene

28.509min (-0.005) 1.99 ng/u1 m

response 117593

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	8.42
279.00	23.70	27.47
0.00	0.00	0.00

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 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FA8

Manual IntegrationsAPPROVED

Quant Time: Oct 23 02:43:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	125379	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	475783	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	360922	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.075	188	850733	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	786463	20.000	ng/ul	0.00
88) Perylene-d12	24.774	264	944472	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4871	1.510	ng/uL	0.00
4) Pyridine-d5	3.623	84	15827	1.787	ng/ul	0.01
7) Phenol-d5	6.858	99	98052	9.290	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	59391	9.574	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132	78854	10.530	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	69716	8.277	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	36517	9.982	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	42530	10.042	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	89329	9.924	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	52548	4.940	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	292237	10.191	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	306381	10.059	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	29946	6.225	ng/ul	0.00
60) Fluorene-d10	15.275	176	265317	10.667	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.428	200	18069	3.229	ng/ul	0.01
73) Anthracene-d10	17.175	188	431774	10.789	ng/ul	0.00
81) Pyrene-d10	19.557	212	468574	11.267	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.545	264	392999	7.791	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.881	94	17679	1.610	ng/ul	93
16) Acetophenone	8.469	105	75084	5.400	ng/ul	95
30) Naphthalene	10.463	128	89077	3.515	ng/ul	99
36) 2-Methylnaphthalene	12.075	142	26732	1.437	ng/ul	96
37) 1-Methylnaphthalene	12.299	142	20694	1.090	ng/ul#	98
50) Acenaphthylene	13.987	152	49900	1.579	ng/ul	98
52) Acenaphthene	14.334	153	88342	3.952	ng/ul	99
56) Dibenzofuran	14.681	168	116874	3.481	ng/ul	99
61) Fluorene	15.328	166	123359	4.509	ng/ul	98
72) Phenanthrene	17.122	178	1856737	40.794	ng/ul	99
74) Anthracene	17.210	178	253359	5.578	ng/ul	98
77) Carbazole	17.498	167	141063	3.510	ng/ul	98
80) Fluoranthene	19.204	202	2211921	46.263	ng/ul	100
82) Pyrene	19.586	202	1492922	29.133	ng/ul	100
85) Benzo(a)anthracene	21.480	228	713392	12.939	ng/ul	97
87) Chrysene	21.551	228	744419	14.562	ng/ul	98
90) Benzo(b)fluoranthene	23.727	252	982181	16.521	ng/ul	98
91) Benzo(k)fluoranthene	23.798	252	356392m	6.123	ng/ul	
93) Benzo(a)pyrene	24.616	252	423668	7.743	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.451	276	377930	5.176	ng/ul	99
95) Dibenzo(a,h)anthracene	28.509	278	117593m	1.989	ng/ul	

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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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