

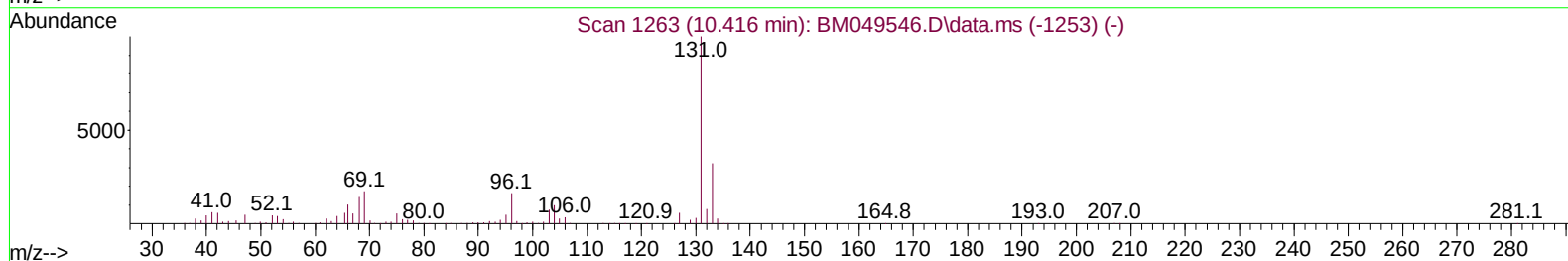
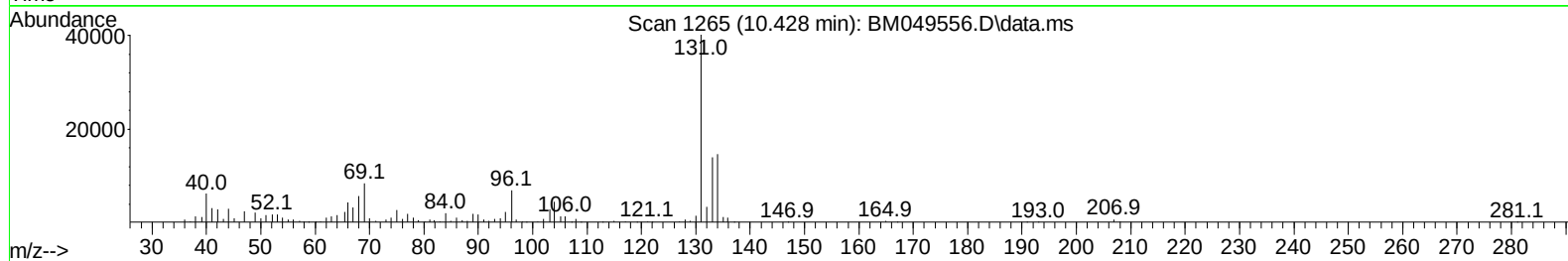
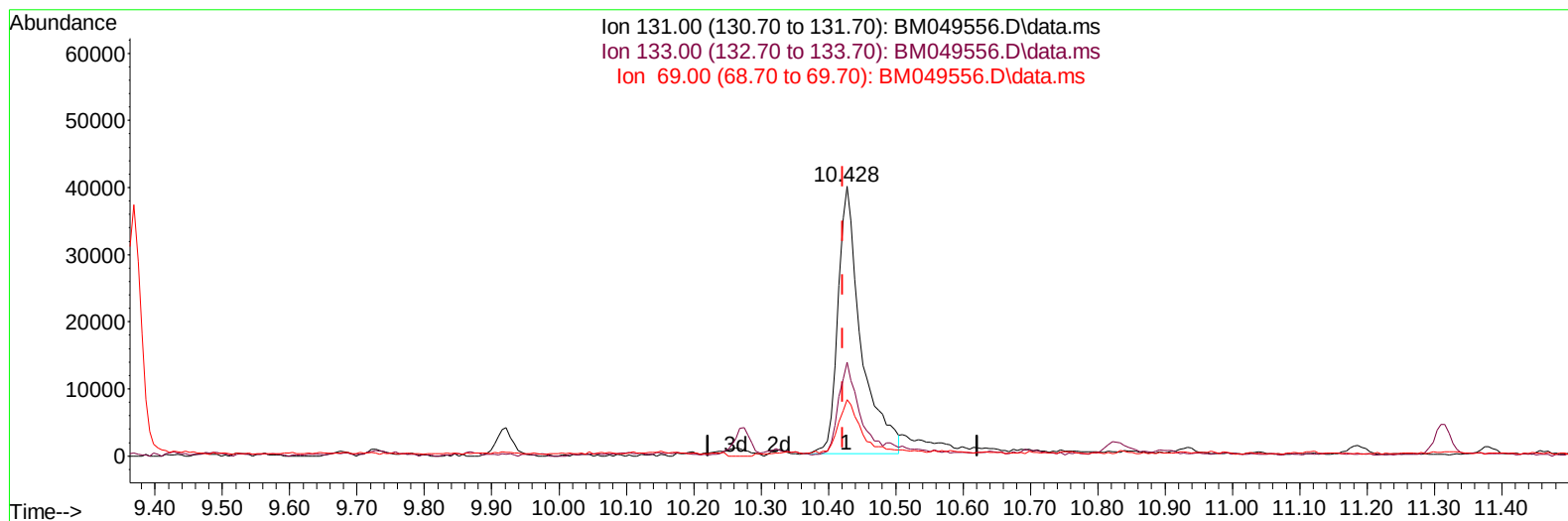
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049556.D
Acq On : 31 Jan 2025 13:59
Operator : RC/JU
Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S4

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:02:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049556.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.428min (+ 0.006) 4.91 ng/uI

response 95435

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.80	34.71
69.00	18.50	20.91
0.00	0.00	0.00

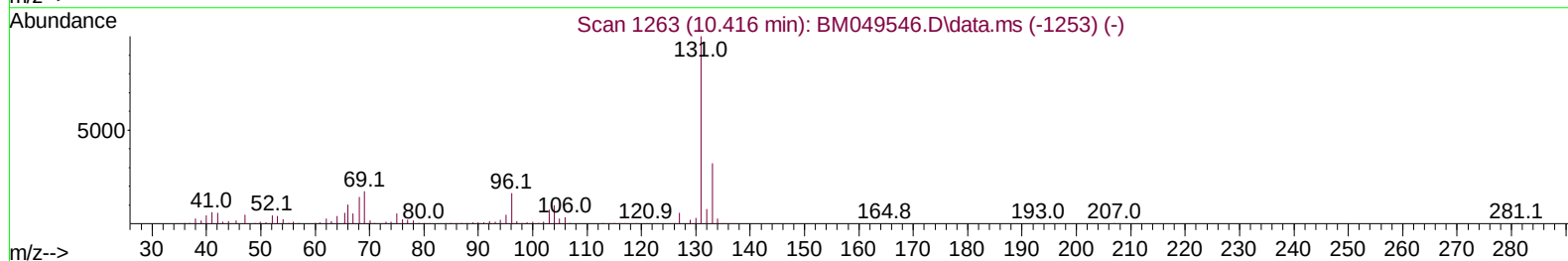
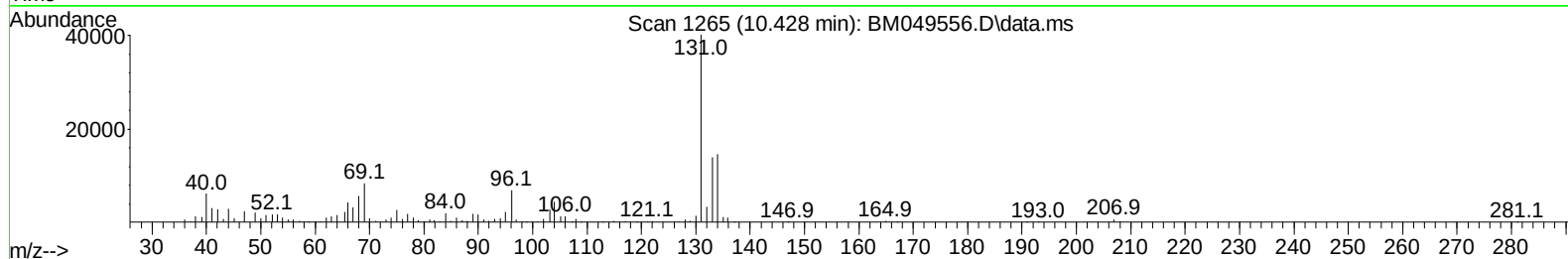
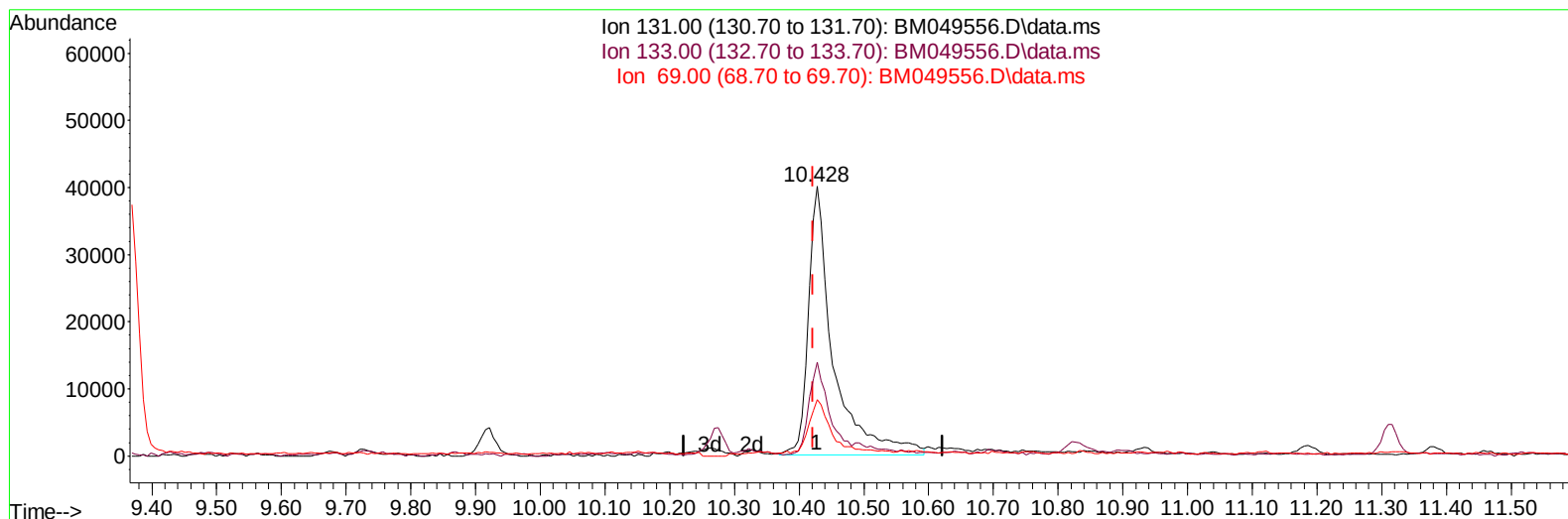
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TIC: BM049556.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.428min (+ 0.006) 5.48 ng/ul m

response 106532

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.80	34.71
69.00	18.50	20.91
0.00	0.00	0.00

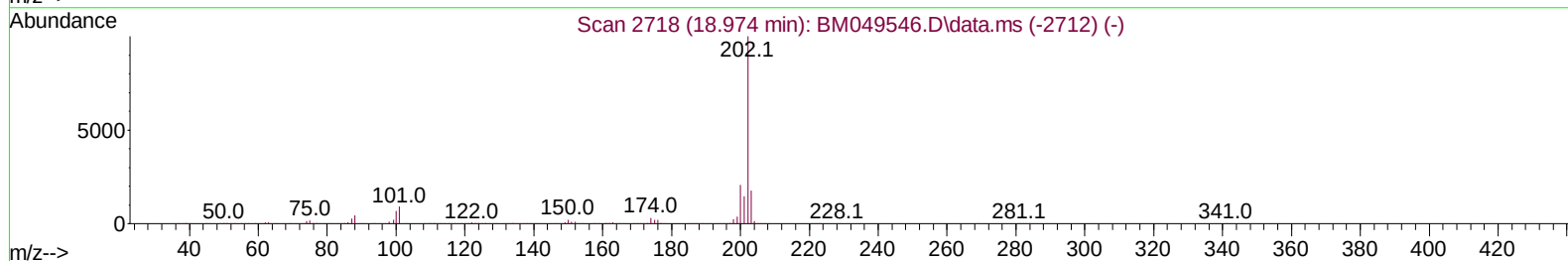
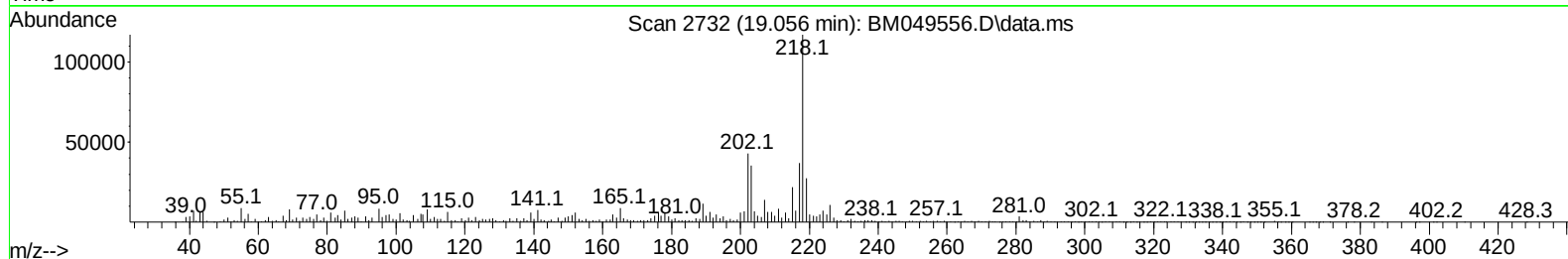
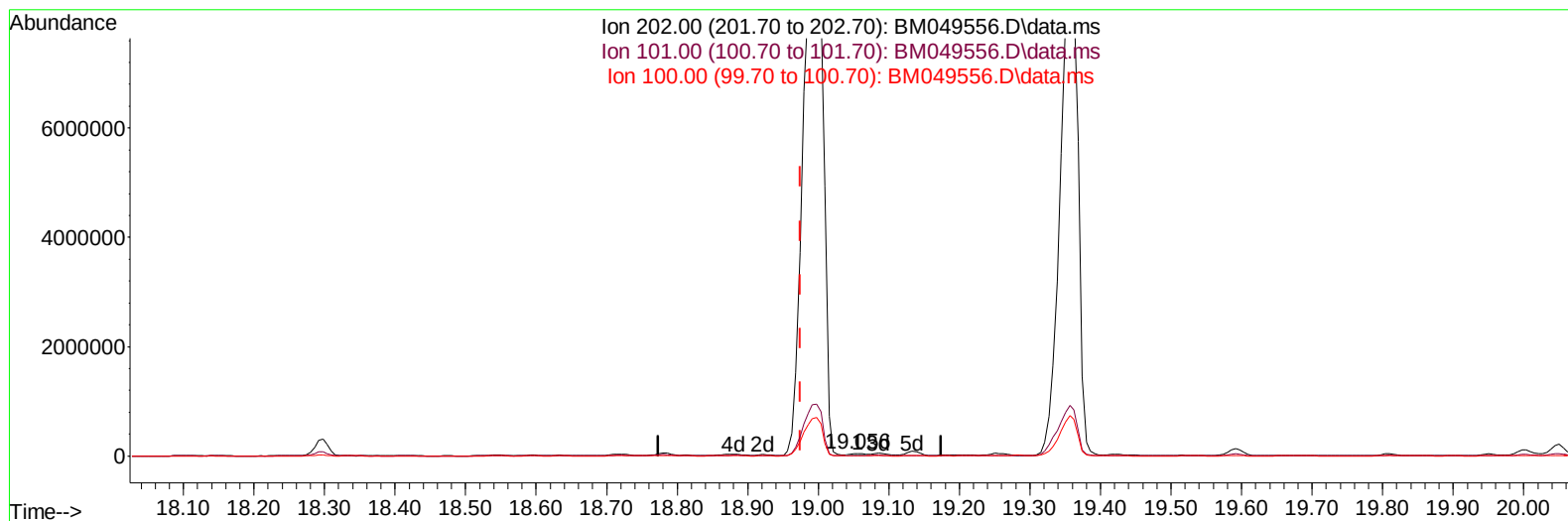
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Sample : Q1190-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM049556.D\data.ms

(80) Fluoranthene**19.056min (+ 0.082) 0.35 ng/u1****response 27256**

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	8.60	13.39#
100.00	6.40	4.30#
0.00	0.00	0.00

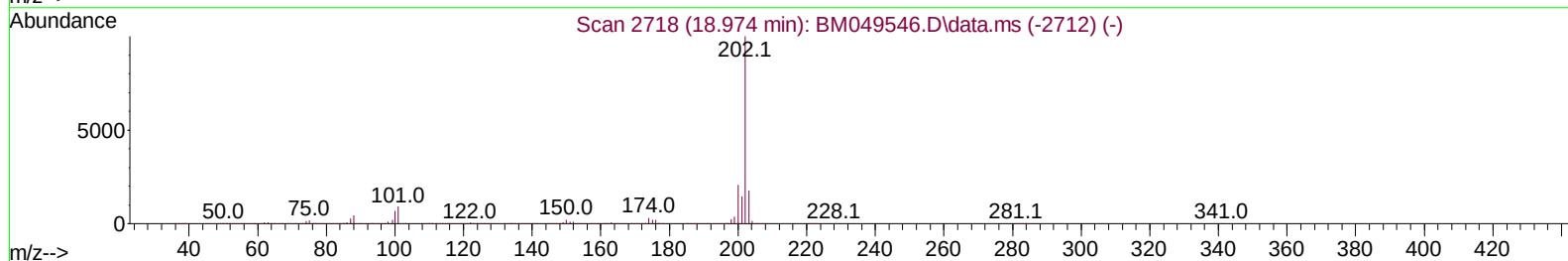
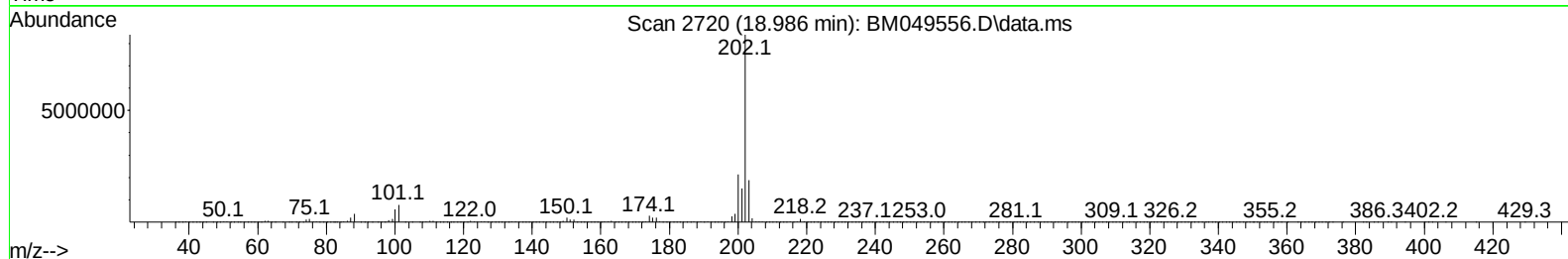
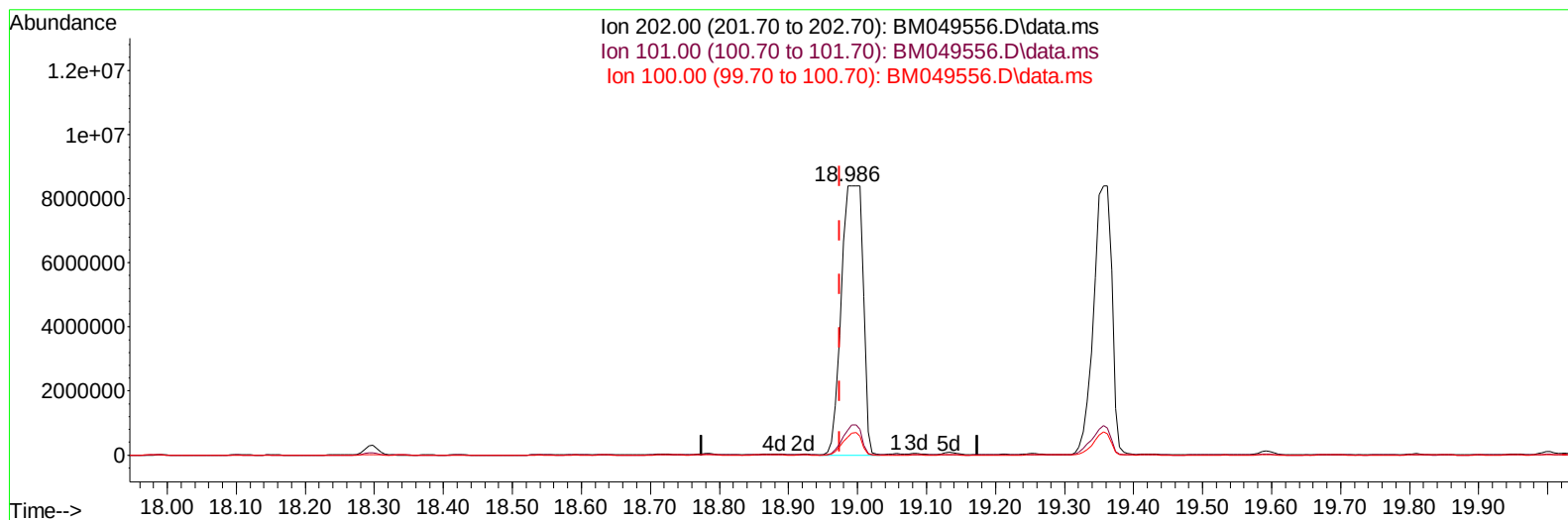
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
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TIC: BM049556.D\data.ms

(80) Fluoranthene

18.986min (+ 0.012) 232.82 ng/ul m

response 18266693

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	8.60	9.33
100.00	6.40	6.82
0.00	0.00	0.00

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 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44S4

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:05:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	226783	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	890674	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	608673	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1264041	20.000	ng/ul	0.00
79) Chrysene-d12	21.156	240	1175050	20.000	ng/ul	0.02
88) Perylene-d12	23.944	264	1323324	20.000	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	12492	2.041	ng/uL	-0.01
4) Pyridine-d5	3.510	84	64947	3.611	ng/ul	0.00
7) Phenol-d5	6.722	99	292896	15.916	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.857	67	165797	13.175	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	229871	16.142	ng/ul	0.00
15) 4-Methylphenol-d8	8.239	113	209658	15.550	ng/ul	0.01
21) Nitrobenzene-d5	8.651	128	103342	15.166	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	121355	16.328	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	253125	16.689	ng/ul	0.01
31) 4-Chloroaniline-d4	10.428	131	106532m	5.476	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	734596	16.460	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	731432	13.949	ng/ul	0.00
54) 4-Nitrophenol-d4	14.427	143	90621	12.378	ng/ul	0.05
60) Fluorene-d10	15.151	176	522946	13.325	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	32564	4.088	ng/ul	0.02
73) Anthracene-d10	17.009	188	771439	12.221	ng/ul	0.00
81) Pyrene-d10	19.321	212	745345	10.850	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.756	264	462520	6.553	ng/ul	0.03
Target Compounds						
						Qvalue
6) Benzaldehyde	6.669	77	11771	1.165	ng/ul#	80
8) Phenol	6.751	94	102062	5.284	ng/ul	96
16) Acetophenone	8.322	105	461264	20.572	ng/ul	97
18) 4-Methylphenol	8.304	108	19938	1.365	ng/ul	97
30) Naphthalene	10.322	128	1522993	32.116	ng/ul	99
36) 2-Methylnaphthalene	11.939	142	440920	13.633	ng/ul	99
37) 1-Methylnaphthalene	12.163	142	263115	8.252	ng/ul	98
43) 1,1'-Biphenyl	12.974	154	208797	4.521	ng/ul	99
52) Acenaphthene	14.216	153	1621320	42.154	ng/ul	100
56) Dibenzofuran	14.557	168	1501292	27.376	ng/ul	99
61) Fluorene	15.210	166	1963208	44.302	ng/ul	97
72) Phenanthrene	16.957	178	16149268	226.962	ng/ul	93
74) Anthracene	17.045	178	5361696	74.811	ng/ul	99
77) Carbazole	17.321	167	2400606	37.477	ng/ul	99
80) Fluoranthene	18.986	202	18266693m	232.824	ng/ul	
82) Pyrene	19.356	202	15495064	183.552	ng/ul	98
85) Benzo(a)anthracene	21.139	228	11436666	138.554	ng/ul	95
87) Chrysene	21.203	228	9880456	128.894	ng/ul	96
90) Benzo(b)fluoranthene	23.091	252	12884634	150.213	ng/ul	97
91) Benzo(k)fluoranthene	23.138	252	4740578	54.693	ng/ul	96
93) Benzo(a)pyrene	23.827	252	5831818	72.476	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.074	276	4820173	48.330	ng/ul	98
95) Dibenzo(a,h)anthracene	27.091	278	1688564	20.894	ng/ul	94

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
96) Benzo(g,h,i)perylene	28.015	276		519119	6.846	ng/ul	97

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

