

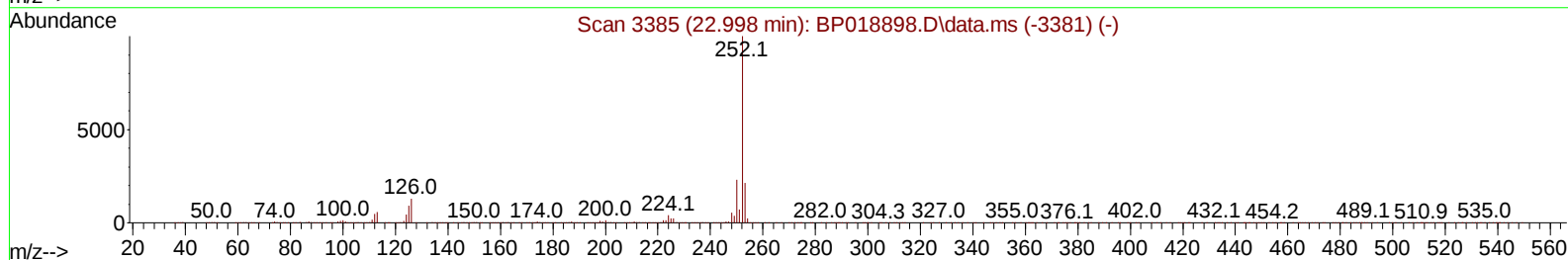
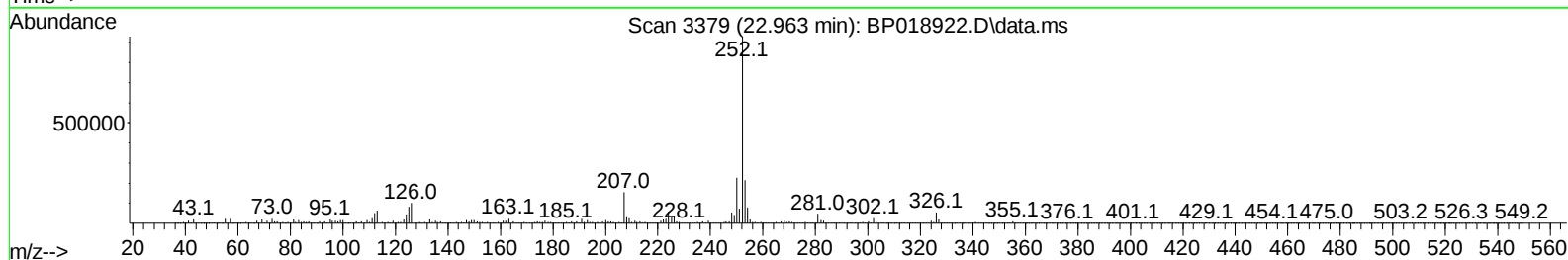
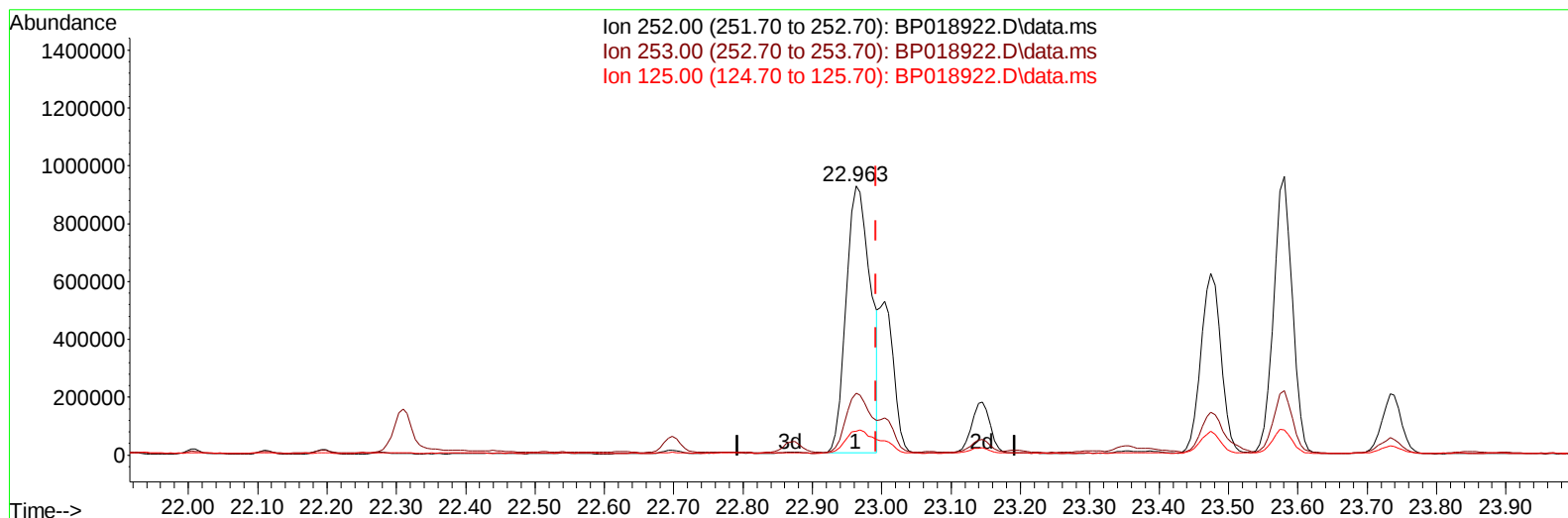
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018922.D
 Acq On : 18 Dec 2023 23:50
 Operator : MA/JU
 Sample : 05794-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH3Q8

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:18:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018922.D\data.ms

(91) Benzo(k)fluoranthene

22.963min (-0.029) 26.72 ng/u1

response 2257813

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.07
125.00	10.00	8.90
0.00	0.00	0.00

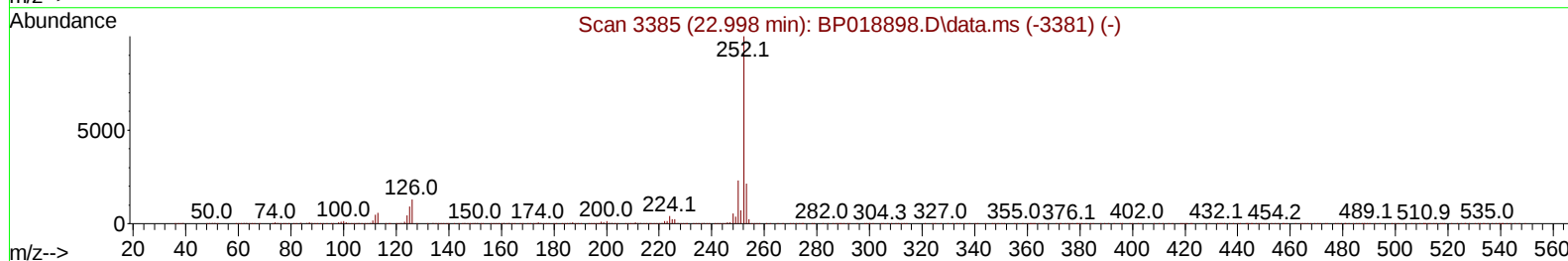
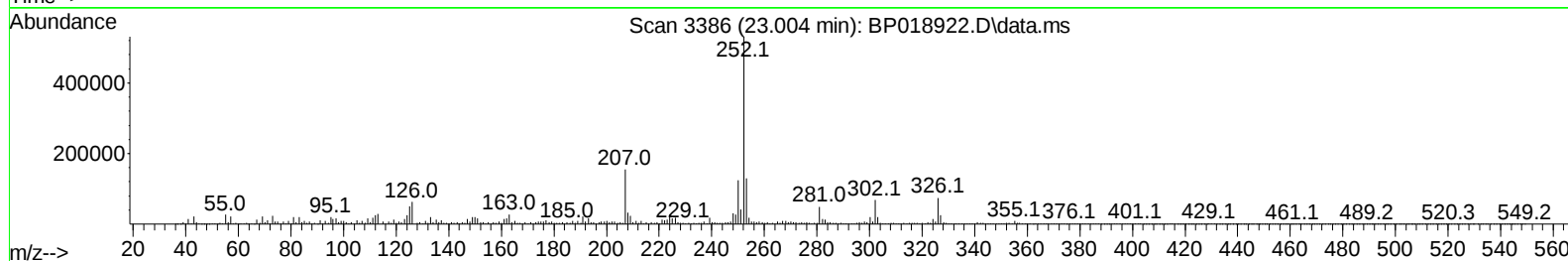
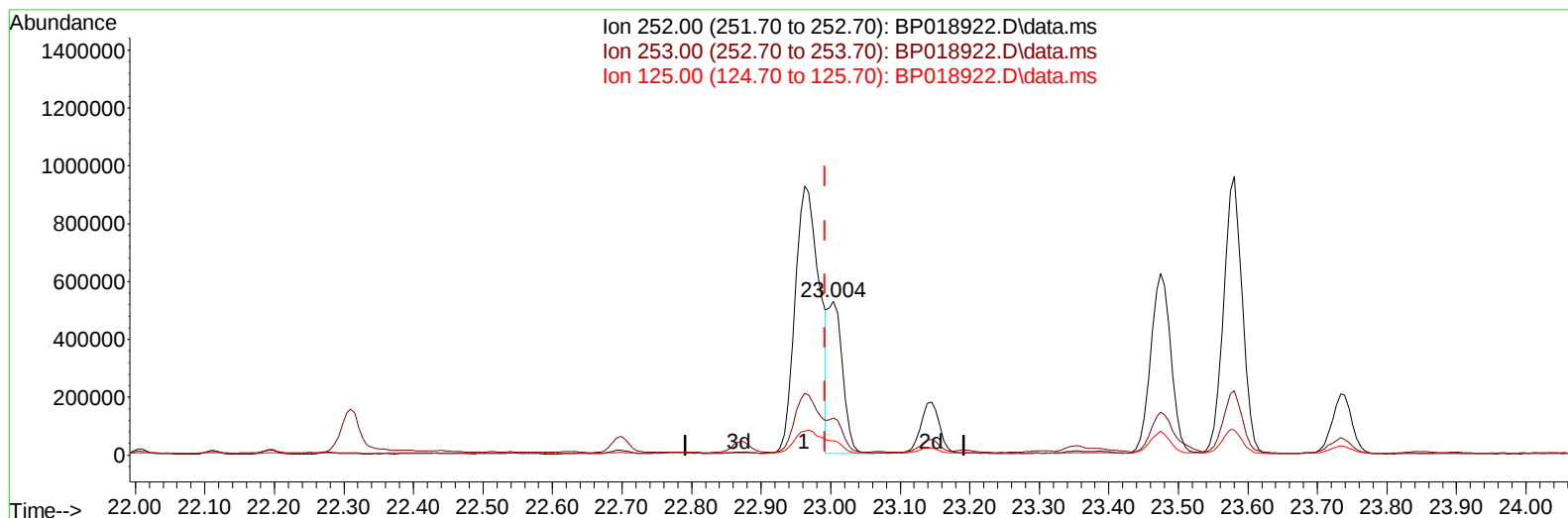
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TIC: BP018922.D\data.ms

(91) Benzo(k)fluoranthene

23.004min (+ 0.012) 8.95 ng/u1 m

response 756346

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.32
125.00	10.00	9.37
0.00	0.00	0.00

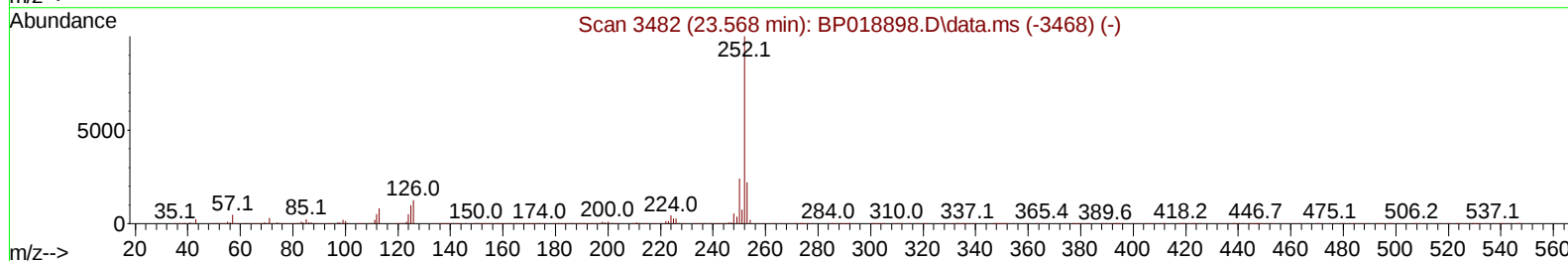
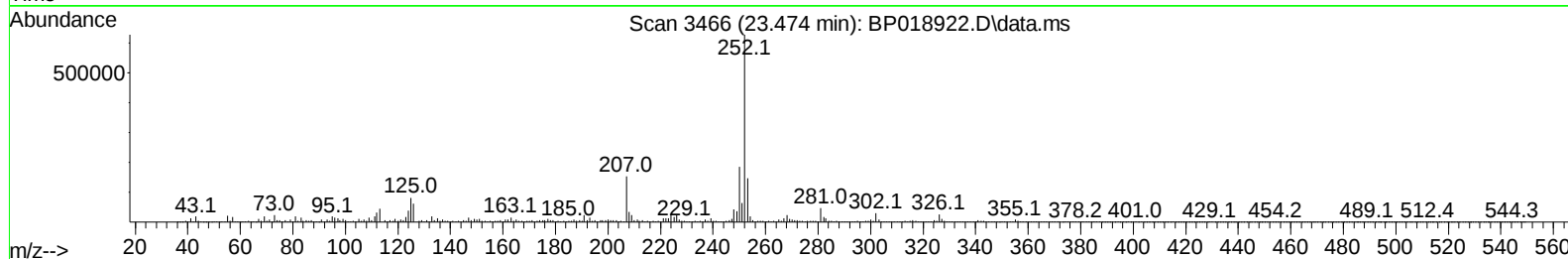
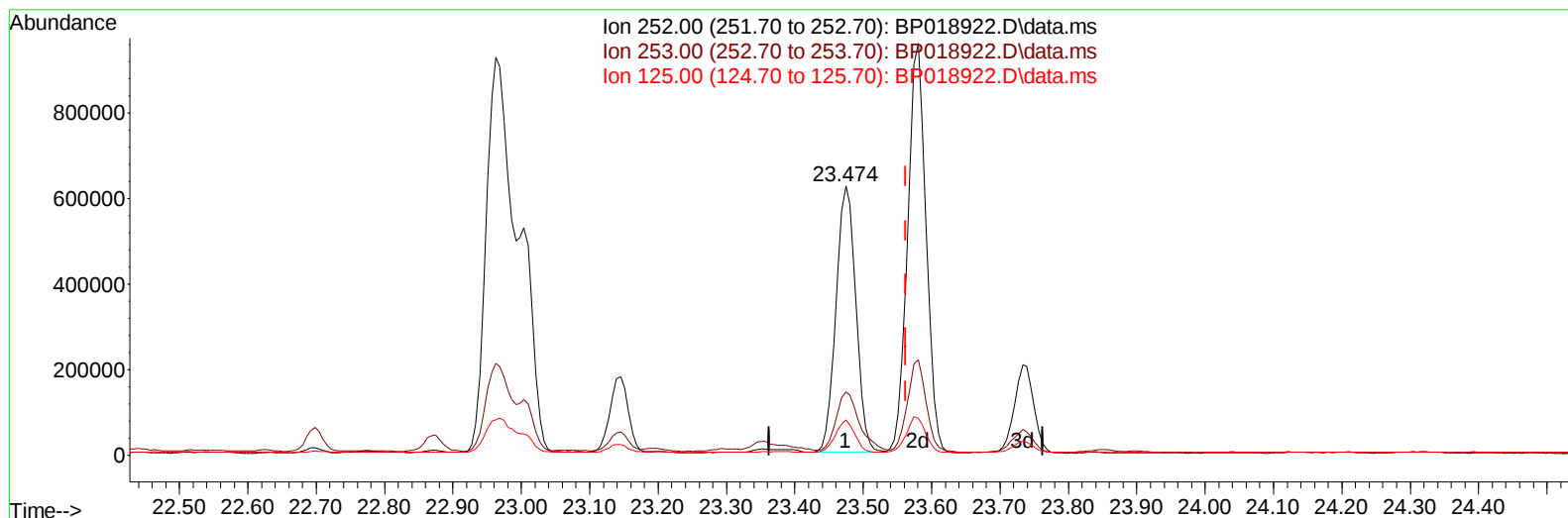
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018922.D
 Acq On : 18 Dec 2023 23:50
 Operator : MA/JU
 Sample : 05794-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH3Q8

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:18:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BP018922.D\data.ms

(93) Benzo(a)pyrene (C)

23.474min (-0.088) 15.78 ng/u1

response 1258930

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.43
125.00	11.50	12.99
0.00	0.00	0.00

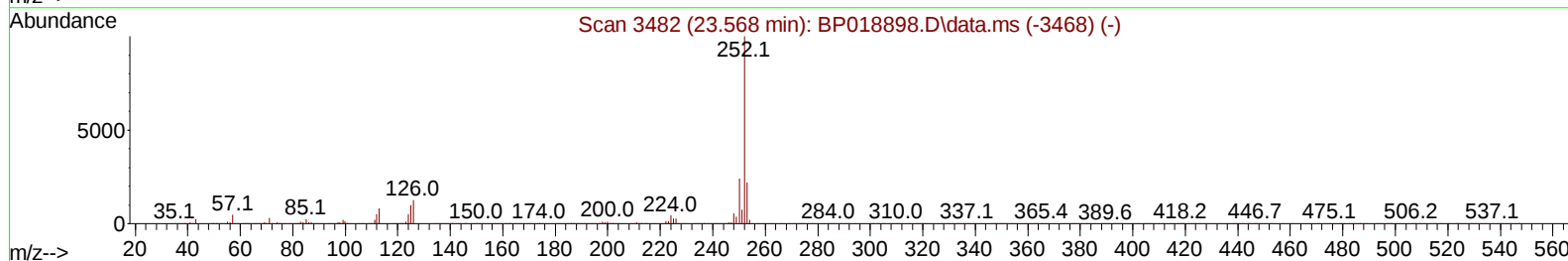
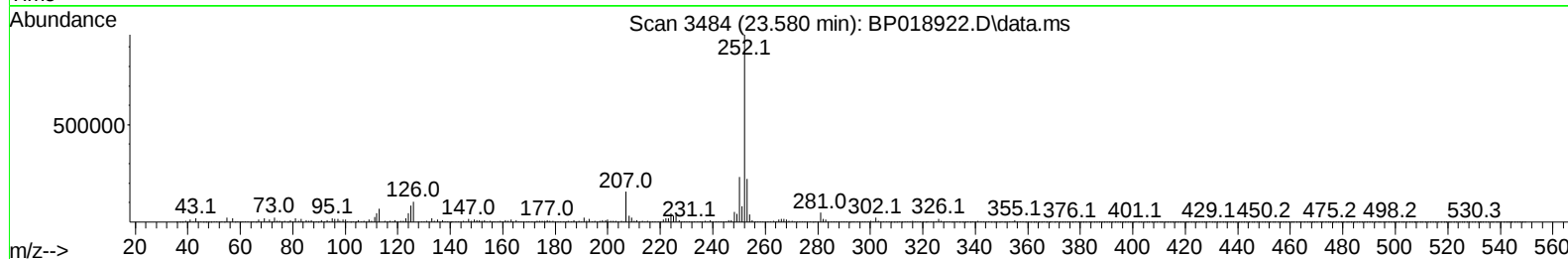
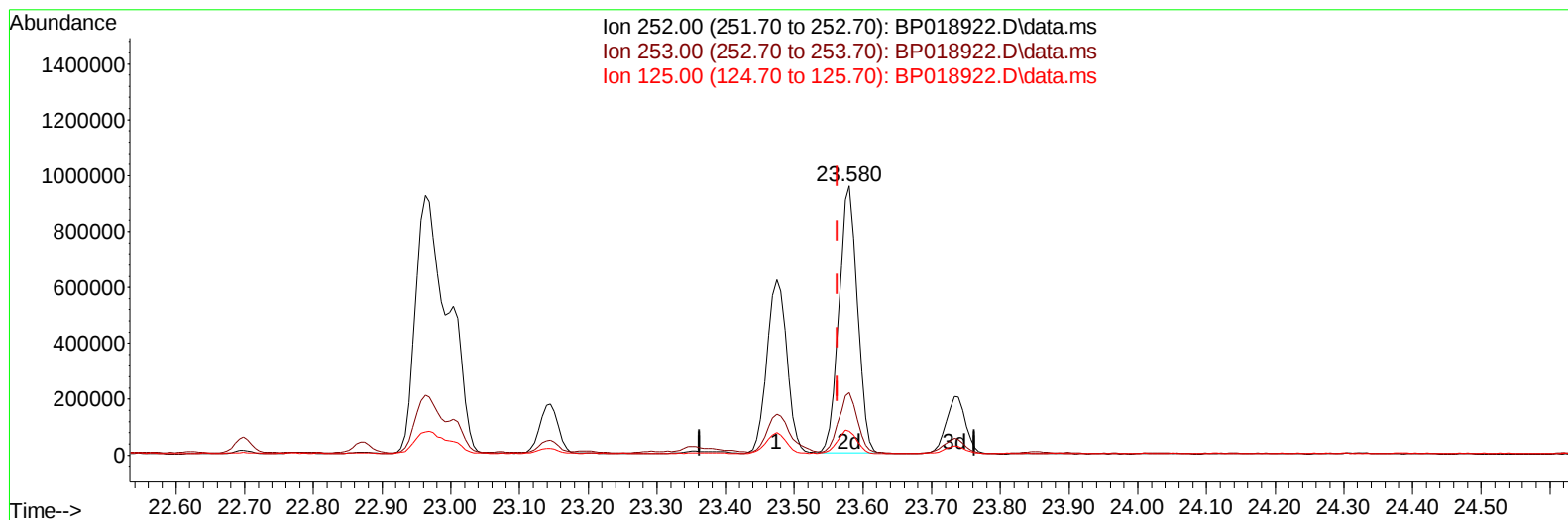
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q8

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:18:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



TIC: BP018922.D\data.ms

(93) Benzo(a)pyrene (C)

23.580min (+ 0.018) 22.39 ng/ul m

response 1786819

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.20
125.00	11.50	8.94#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018922.D
 Acq On : 18 Dec 2023 23:50
 Operator : MA/JU
 Sample : 05794-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH3Q8

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:20:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	196783	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	668316	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	363721	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	867128	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	950035	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	1184466	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	12781	2.213	ng/uL	0.00
4) Pyridine-d5	3.687	84	17610	1.139	ng/ul	0.01
7) Phenol-d5	7.005	99	196745	9.963	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	128852	11.009	ng/ul	0.00
11) 2-Chlorophenol-d4	7.364	132	170600	11.071	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	101371	6.343	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	80337	13.506	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	83057	13.468	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	147706	11.713	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	47041	2.854	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	413429	12.736	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	501745	14.037	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	35283	6.621	ng/ul	0.01
60) Fluorene-d10	15.457	176	386921	14.200	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	14633	2.814	ng/ul	0.00
73) Anthracene-d10	17.310	188	656272	14.396	ng/ul	0.00
81) Pyrene-d10	19.551	212	888797	12.018	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	947752	13.723	ng/ul	0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.981	77	23712	2.326	ng/ul	97
8) Phenol	7.040	94	27373	1.413	ng/ul	98
16) Acetophenone	8.658	105	70861	2.975	ng/ul	96
50) Acenaphthylene	14.187	152	57353	1.427	ng/ul	98
61) Fluorene	15.510	166	31837	1.089	ng/ul	93
72) Phenanthrene	17.257	178	726449	13.871	ng/ul	99
74) Anthracene	17.345	178	225781	4.301	ng/ul	99
77) Carbazole	17.622	167	57385	1.372	ng/ul	97
80) Fluoranthene	19.228	202	1881434	21.523	ng/ul	97
82) Pyrene	19.581	202	1932943	21.919	ng/ul	95
85) Benzo(a)anthracene	21.292	228	1467911	19.036	ng/ul	98
87) Chrysene	21.345	228	1465147	20.632	ng/ul	97
90) Benzo(b)fluoranthene	22.963	252	2257813	25.853	ng/ul	97
91) Benzo(k)fluoranthene	23.004	252	756346m	8.951	ng/ul	
93) Benzo(a)pyrene	23.580	252	1786819m	22.392	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.151	276	1431699	15.017	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.151	278	411385	5.187	ng/ul#	78
96) Benzo(g,h,i)perylene	26.910	276	732848	9.551	ng/ul	96

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

