

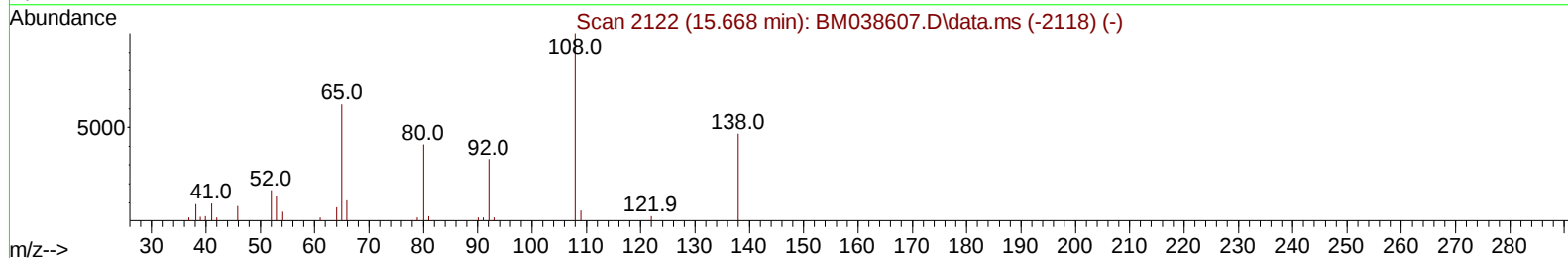
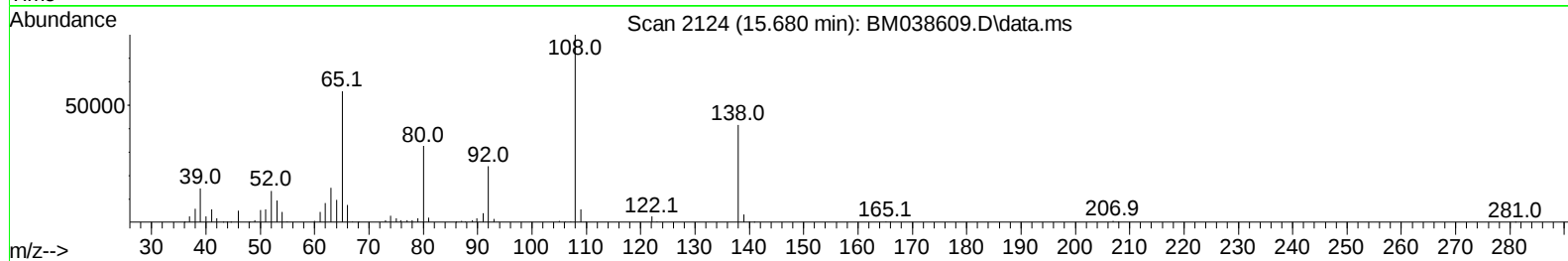
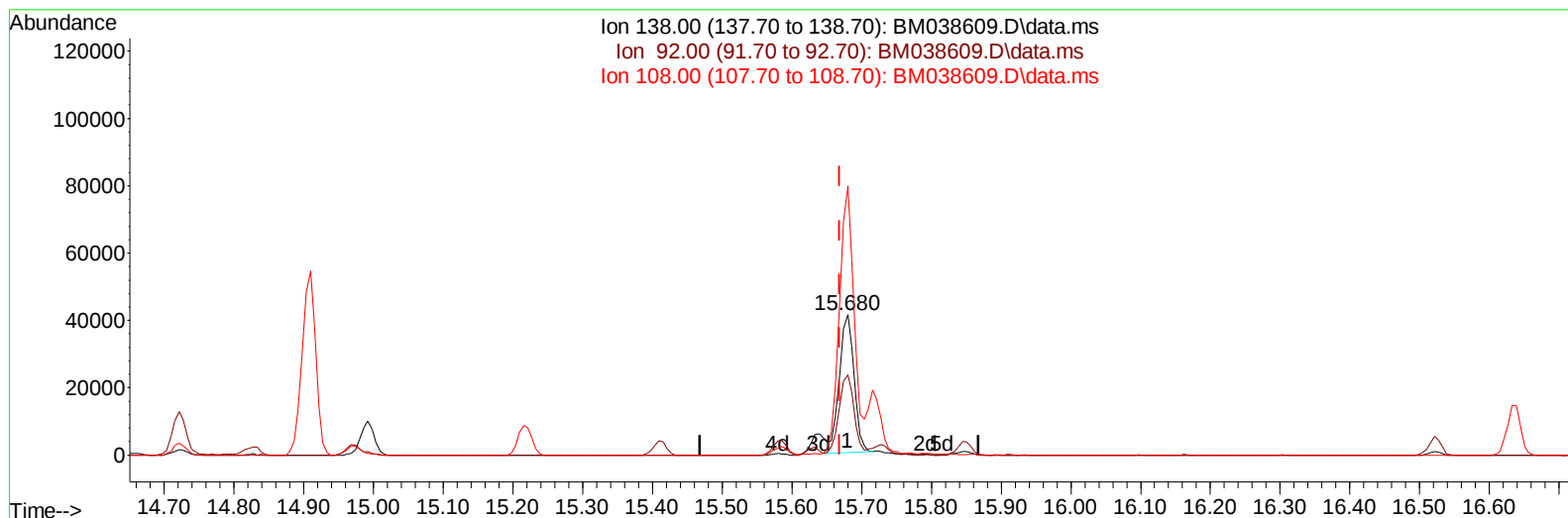
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013023\
 Data File : BM038609.D
 Acq On : 30 Jan 2023 16:46
 Operator : CG/JU
 Sample : SSTD08025
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD080030

Manual IntegrationsAPPROVED

Quant Time: Jan 31 00:22:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 00:17:30 2023
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/31/2023
 Supervised By :Yogesh Patel 01/31/2023



TIC: BM038609.D\data.ms

(63) 4-Nitroaniline

15.680min (+ 0.012) 78.93 ng/ul

response 59778

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	64.90	57.26
108.00	195.30	191.84
0.00	0.00	0.00

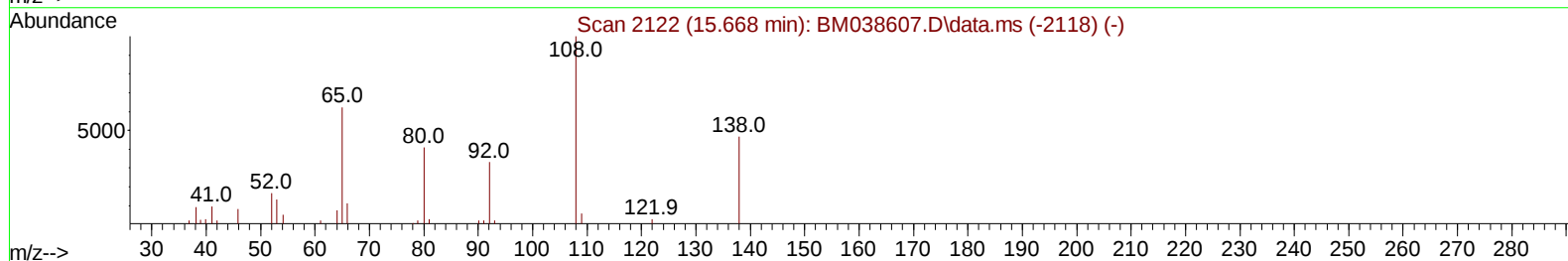
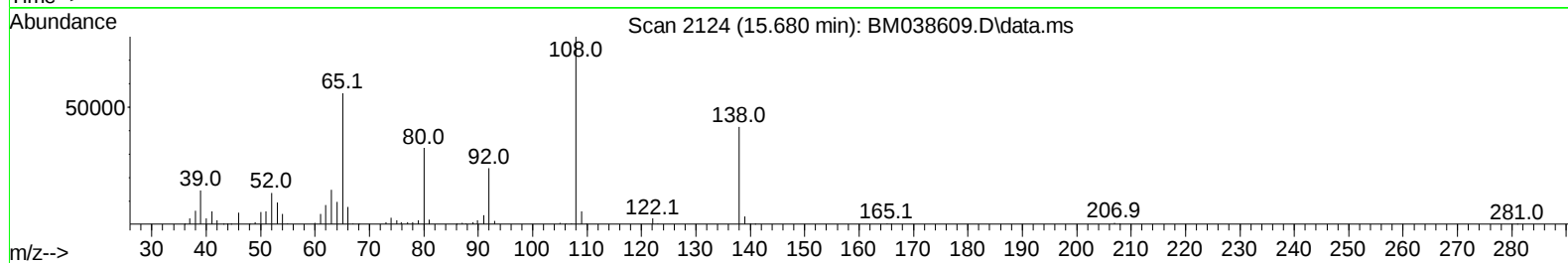
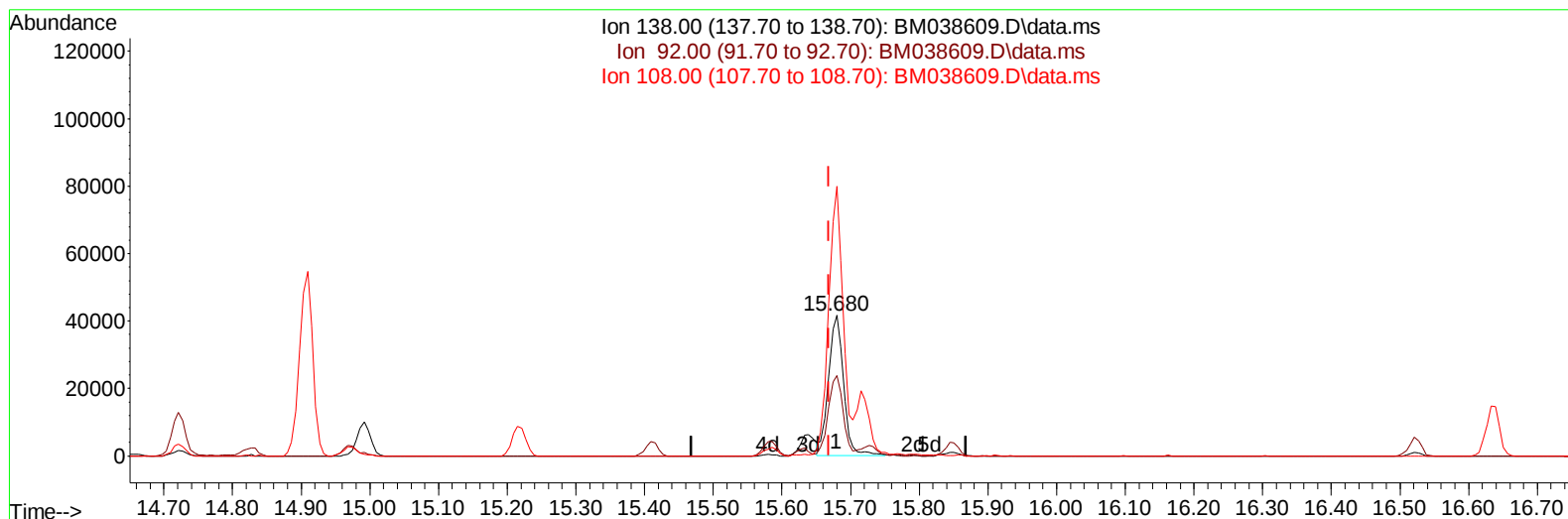
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013023\
Data File : BM038609.D
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Reviewed By :Jagrut Upadhyay 01/31/2023
Supervised By :Yogesh Patel 01/31/2023



TIC: BM038609.D\data.ms

(63) 4-Nitroaniline

15.680min (+ 0.012) 83.33 ng/ul m

response 63111

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	64.90	57.26
108.00	195.30	191.84
0.00	0.00	0.00

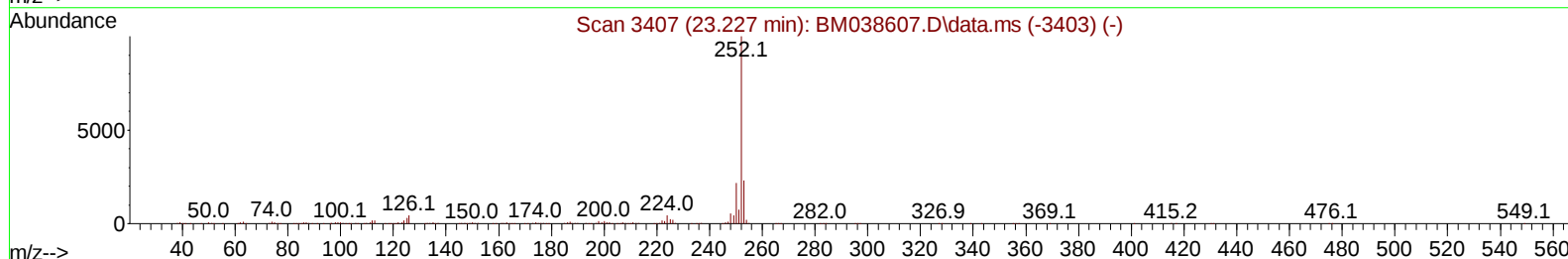
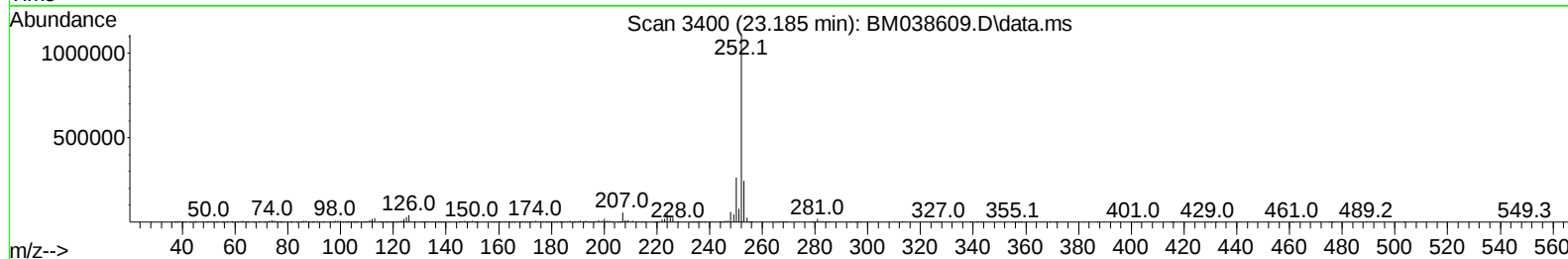
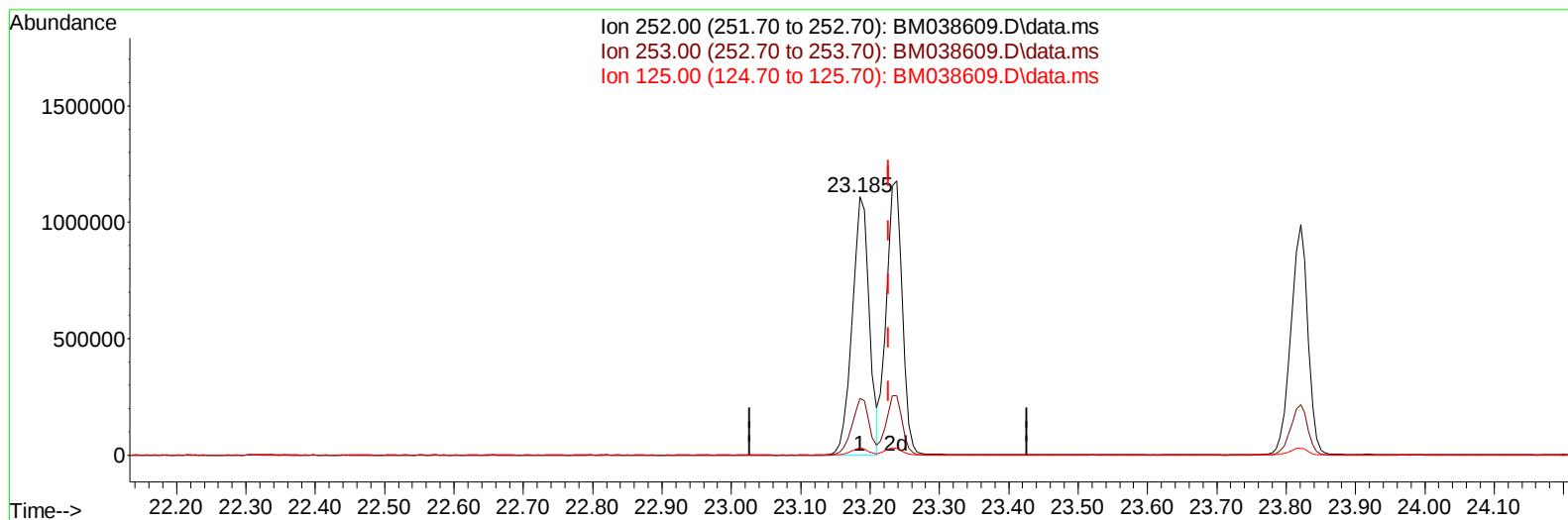
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TIC: BM038609.D\data.ms

(91) Benzo(k)fluoranthene

23.185min (-0.041) 93.62 ng/u1

response 1889031

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	22.12
125.00	3.30	2.78
0.00	0.00	0.00

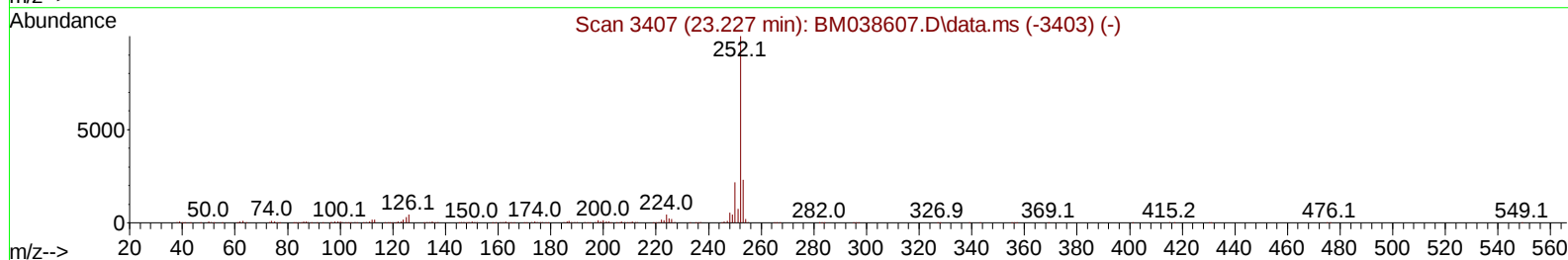
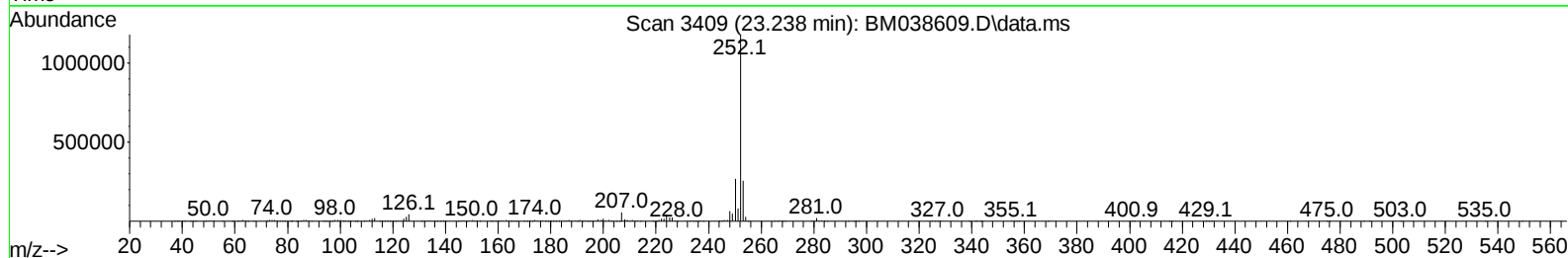
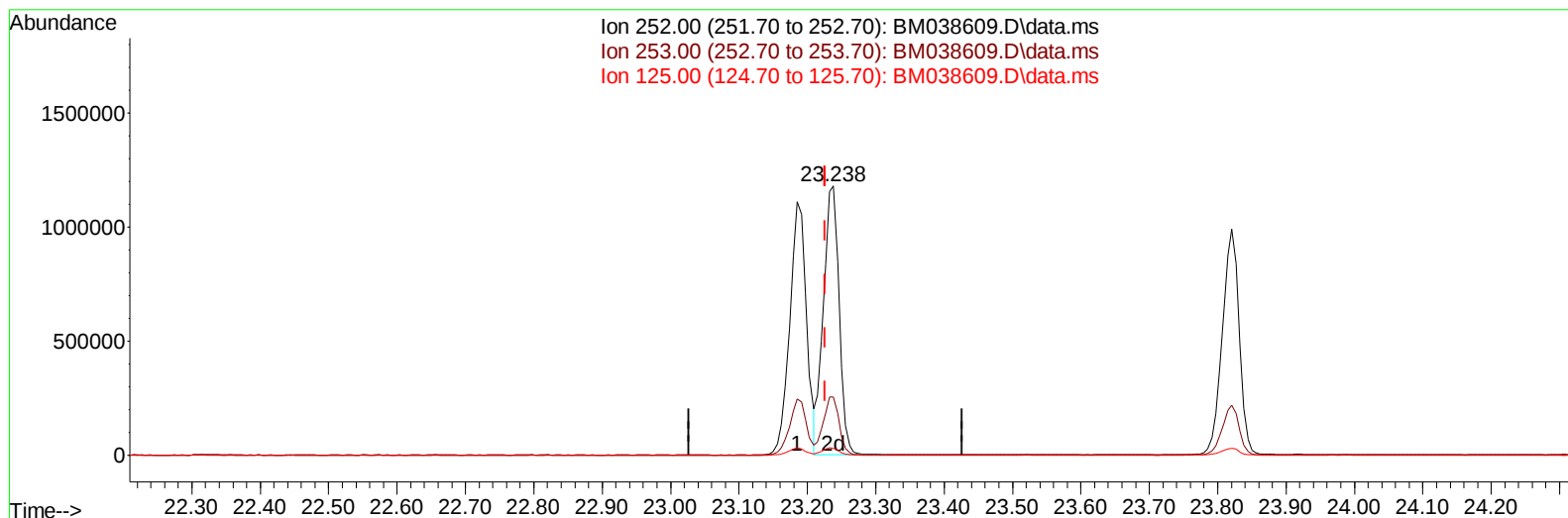
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TIC: BM038609.D\data.ms

(91) Benzo(k)fluoranthene

23.238min (+ 0.012) 93.79 ng/ul m

response 1892508

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	21.61
125.00	3.30	2.51#
0.00	0.00	0.00

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 Acq On : 30 Jan 2023 16:46
 Operator : CG/JU
 Sample : SSTD08025
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD080030

Manual IntegrationsAPPROVED

Quant Time: Jan 31 00:22:48 2023
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 QLast Update : Tue Jan 31 00:17:30 2023
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Reviewed By :Jagrut Upadhyay 01/31/2023
 Supervised By :Yogesh Patel 01/31/2023

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152		32415	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136		105732	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164		86749	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188		213503	20.000	ng/ul	0.00
79) Chrysene-d12	21.509	240		261979	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264		327550	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.334	96		29172	32.233	ng/uL	0.00
4) Pyridine-d5	3.763	84		192018	84.348	ng/ul	0.00
7) Phenol-d5	7.128	99		169332	78.259	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.292	67		97505	77.204	ng/ul	0.00
11) 2-Chlorophenol-d4	7.486	132		149028	83.053	ng/ul	0.00
15) 4-Methylphenol-d8	8.680	113		136378	78.995	ng/ul	0.00
21) Nitrobenzene-d5	9.133	128		67741	84.523	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143		95736	90.453	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.392	165		222103	94.818	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131		187921	82.553	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166		610474	85.191	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160		683143	89.584	ng/ul	0.00
54) 4-Nitrophenol-d4	14.815	143		82519	83.242	ng/ul	0.02
60) Fluorene-d10	15.586	176		589879	92.048	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.715	200		153677	84.087	ng/ul	0.00
73) Anthracene-d10	17.439	188		996233	92.784	ng/ul	0.00
81) Pyrene-d10	19.727	212		1185069	87.789	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.768	264		1530594	91.038	ng/ul	0.00
Target Compounds							
						Qvalue	
2) 1,4-Dioxane	3.369	88		28835	29.437	ng/uL	97
5) Pyridine	3.781	79		189045	80.863	ng/ul	95
6) Benzaldehyde	7.098	77		71756	71.925	ng/ul	94
8) Phenol	7.157	94		170117	78.528	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.386	93		121330	78.388	ng/ul	89
12) 2-Chlorophenol	7.522	128		147638	81.995	ng/ul	97
13) 2-Methylphenol	8.410	108		129469	78.659	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.492	45		121070	75.709	ng/ul	99
16) Acetophenone	8.792	105		240064	78.710	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.786	70		121576	86.736	ng/ul	96
18) 4-Methylphenol	8.745	108		137754	78.848	ng/ul	94
19) Hexachloroethane	9.033	117		75112	82.704	ng/ul	85
22) Nitrobenzene	9.180	77		194301	80.550	ng/ul	99
23) Isophorone	9.710	82		309723	84.854	ng/ul	95
25) 2-Nitrophenol	9.886	139		92316	87.995	ng/ul	97
26) 2,4-Dimethylphenol	9.945	107		193179	84.775	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.180	93		155778	83.699	ng/ul	97
29) 2,4-Dichlorophenol	10.422	162		208200	93.518	ng/ul	96
30) Naphthalene	10.822	128		443764	84.591	ng/ul	98
32) 4-Chloroaniline	10.939	127		190896	83.572	ng/ul	99
33) Hexachlorobutadiene	11.092	225		187637	81.099	ng/ul	98
34) Caprolactam	11.751	113		38210m	87.343	ng/ul	
35) 4-Chloro-3-methylphenol	12.063	107		159436	90.659	ng/ul#	85

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013023\
 Data File : BM038609.D
 Acq On : 30 Jan 2023 16:46
 Operator : CG/JU
 Sample : SSTD08025
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD080030

Manual IntegrationsAPPROVED

Quant Time: Jan 31 00:22:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 00:17:30 2023
 Response via : Initial Calibration

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 Supervised By :Yogesh Patel 01/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.421	142	366702	93.980	ng/ul	98
37) 1-Methylnaphthalene	12.645	142	376894	93.572	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.792	216	329653	77.198	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	242929	79.722	ng/ul	98
41) 2,4,6-Trichlorophenol	13.033	196	217894	83.809	ng/ul	95
42) 2,4,5-Trichlorophenol	13.104	196	231876	83.514	ng/ul	95
43) 1,1'-Biphenyl	13.433	154	574655	86.151	ng/ul	99
44) 2-Chloronaphthalene	13.474	162	479908	86.606	ng/ul#	92
45) 2-Nitroaniline	13.692	65	124507	84.005	ng/ul	93
47) Dimethylphthalate	14.057	163	601136	85.254	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	120600	92.349	ng/ul	86
50) Acenaphthylene	14.321	152	667609	87.547	ng/ul	97
51) 3-Nitroaniline	14.515	138	78537	83.550	ng/ul	100
52) Acenaphthene	14.657	153	489745	86.282	ng/ul	97
53) 2,4-Dinitrophenol	14.721	184	96144	91.582	ng/ul	92
55) 4-Nitrophenol	14.827	109	136679	82.183	ng/ul	91
56) Dibenzofuran	14.992	168	760484	90.082	ng/ul	87
57) 2,4-Dinitrotoluene	14.974	165	181412	94.249	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.215	232	200244	82.373	ng/ul#	95
59) Diethylphthalate	15.409	149	562810	85.141	ng/ul	96
61) Fluorene	15.639	166	705996	99.299	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.633	204	440406	88.033	ng/ul	90
63) 4-Nitroaniline	15.680	138	63111m	83.328	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.733	198	145491	84.355	ng/ul#	92
67) N-Nitrosodiphenylamine	15.851	169	541824	90.012	ng/ul	95
68) 4-Bromophenyl-phenylether	16.521	248	246414	81.911	ng/ul	97
69) Hexachlorobenzene	16.639	284	299050	85.157	ng/ul#	91
70) Atrazine	16.803	200	243834	80.732	ng/ul	98
71) Pentachlorophenol	16.986	266	183168	81.539	ng/ul	92
72) Phenanthrene	17.380	178	1046247	93.770	ng/ul	98
74) Anthracene	17.474	178	1114420	95.381	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	314323	76.596	ng/uL	98
76) Pentachlorobenzene	14.909	250	333640	78.135	ng/uL	98
77) Carbazole	17.745	167	849201	83.734	ng/ul	96
78) Di-n-butylphthalate	18.292	149	914754	93.228	ng/ul	98
80) Fluoranthene	19.392	202	1405333	89.816	ng/ul#	98
82) Pyrene	19.756	202	1528772	92.068	ng/ul#	98
83) Butylbenzylphthalate	20.639	149	445827	93.084	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.427	252	531329	82.557	ng/ul	98
85) Benzo(a)anthracene	21.497	228	1596252	86.014	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.409	149	658924	96.686	ng/ul	94
87) Chrysene	21.550	228	1521725	88.589	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	1198186	86.374	ng/ul	100
90) Benzo(b)fluoranthene	23.185	252	1889031	93.282	ng/ul	100
91) Benzo(k)fluoranthene	23.238	252	1892508m	93.794	ng/ul	
93) Benzo(a)pyrene	23.821	252	1703988	90.863	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.450	276	2606154	87.918	ng/ul	99
95) Dibenzo(a,h)anthracene	26.456	278	2260051	89.832	ng/ul	99
96) Benzo(g,h,i)perylene	27.220	276	1987006	82.585	ng/ul	99

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

Instrument :

BNA_M

ClientSampleId :

SSTD080030

Manual IntegrationsAPPROVED

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Supervised By :Yogesh Patel 01/31/2023

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 Data File : BM038609.D
 Acq On : 30 Jan 2023 16:46
 Operator : CG/JU
 Sample : SST080025
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST080030

Manual IntegrationsAPPROVED

Quant Time: Jan 31 00:22:48 2023
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