

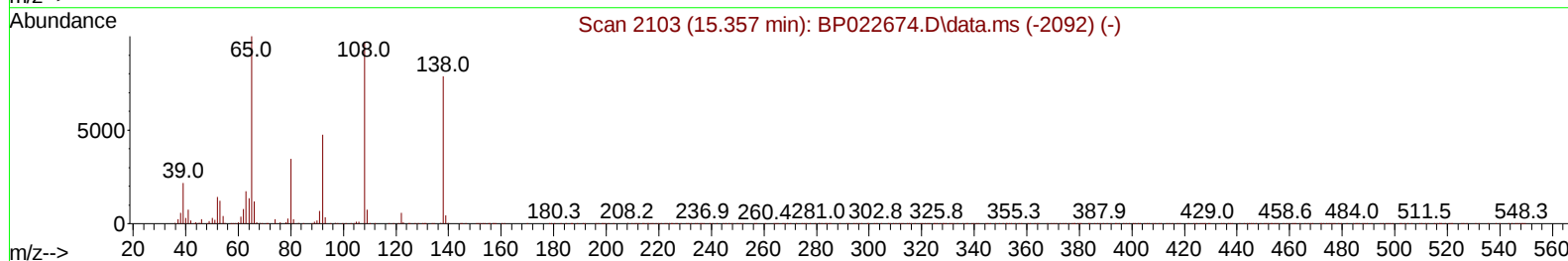
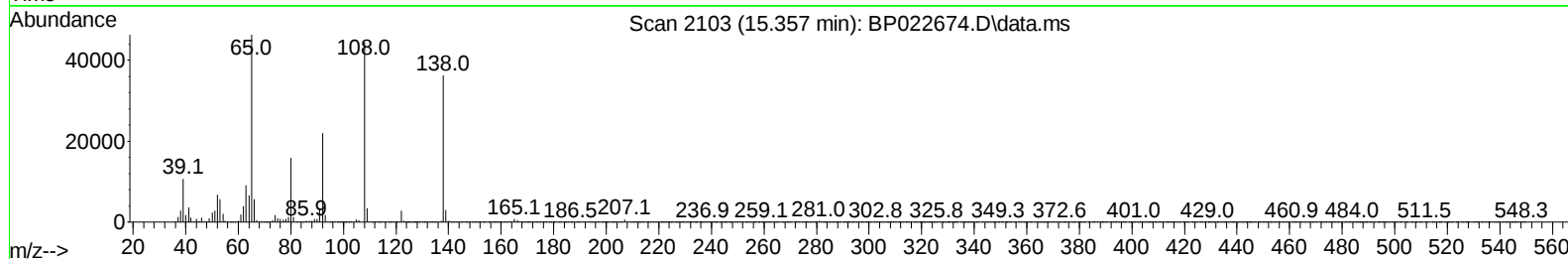
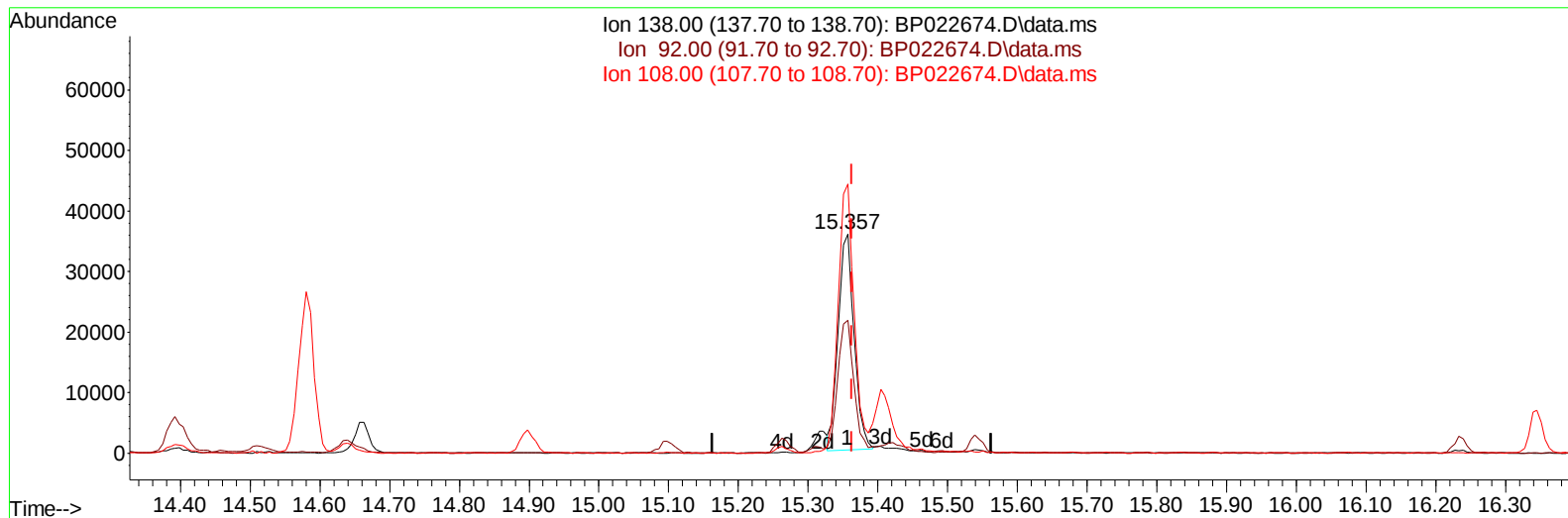
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022674.D
Acq On : 28 Oct 2024 10:57
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 12:21:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



TIC: BP022674.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.006) 18.10 ng/ul

response 56107

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	60.71
108.00	113.30	122.70
0.00	0.00	0.00

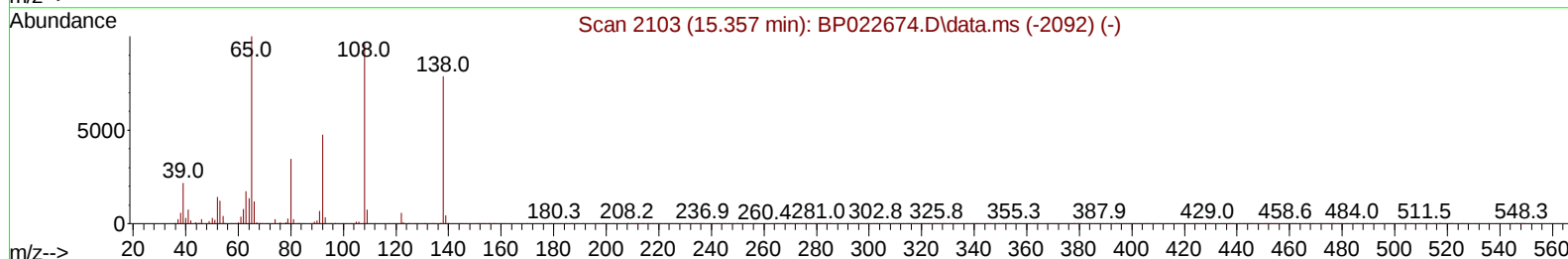
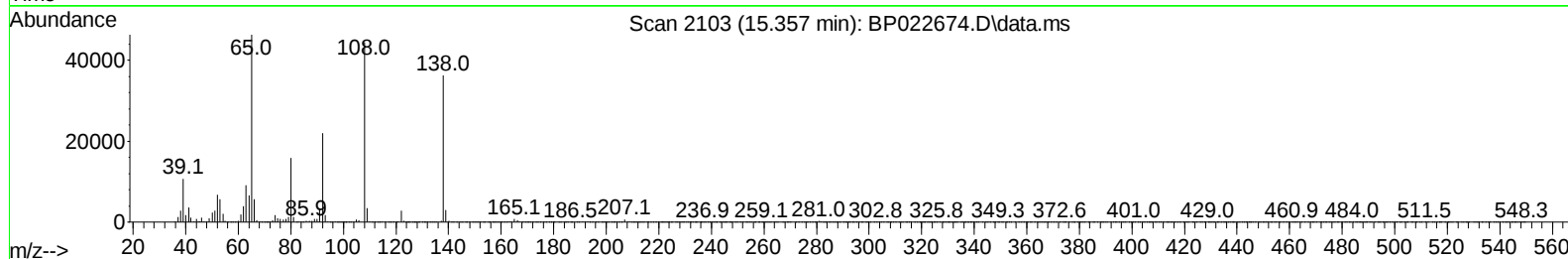
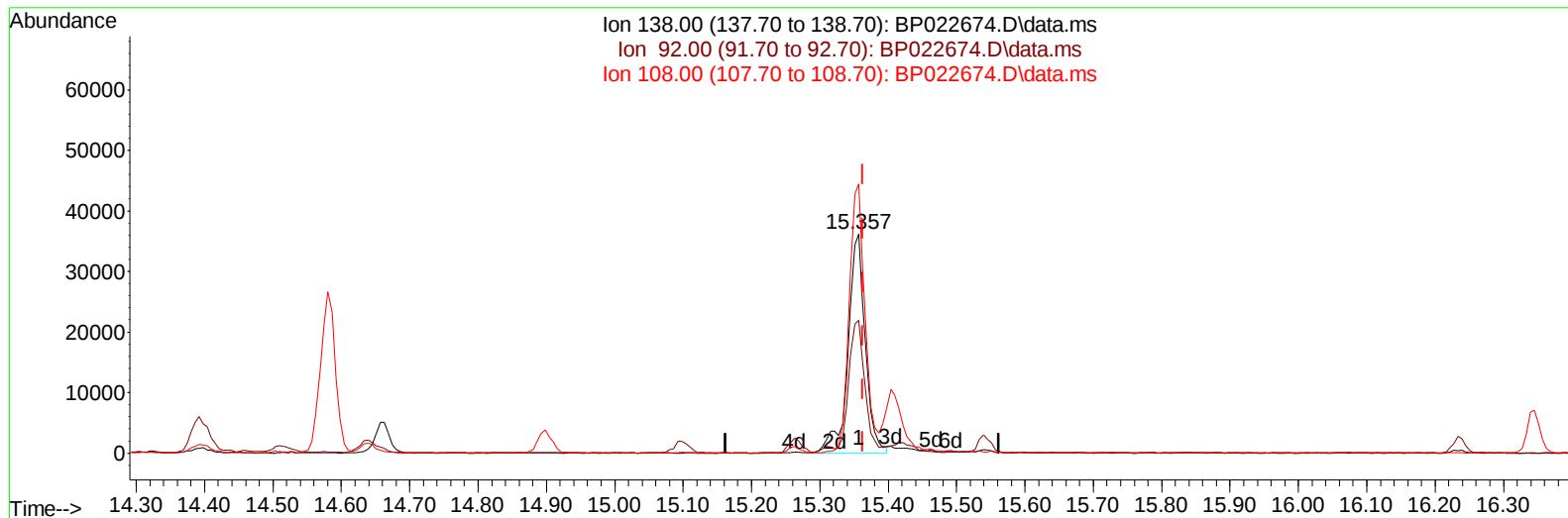
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
 Data File : BP022674.D
 Acq On : 28 Oct 2024 10:57
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 12:21:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 26 05:55:04 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024



TIC: BP022674.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.006) 20.50 ng/ul m

response 63535

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	60.71
108.00	113.30	122.70
0.00	0.00	0.00

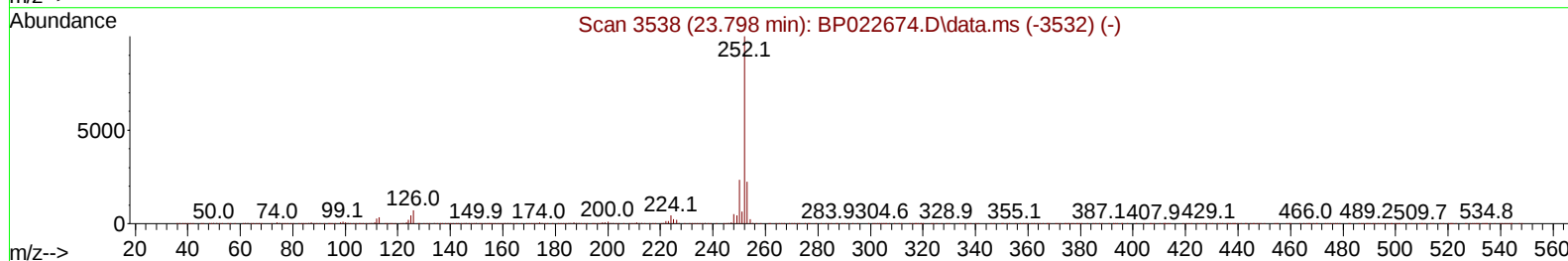
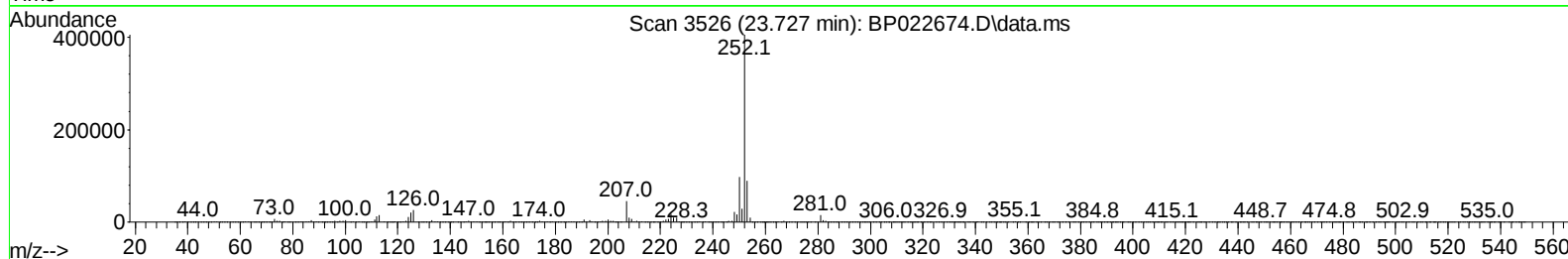
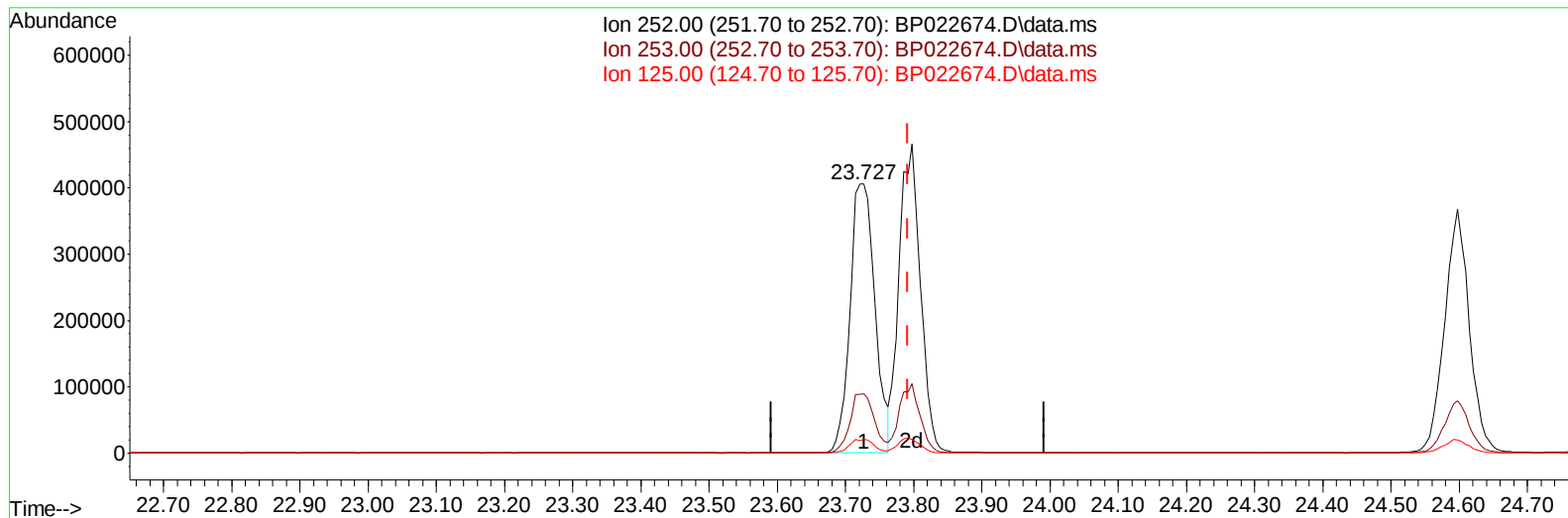
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
 Data File : BP022674.D
 Acq On : 28 Oct 2024 10:57
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 12:21:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 26 05:55:04 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024



TIC: BP022674.D\data.ms

(91) Benzo(k)fluoranthene

23.727min (-0.065) 21.74 ng/u1

response 1034065

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.96
125.00	5.70	5.03
0.00	0.00	0.00

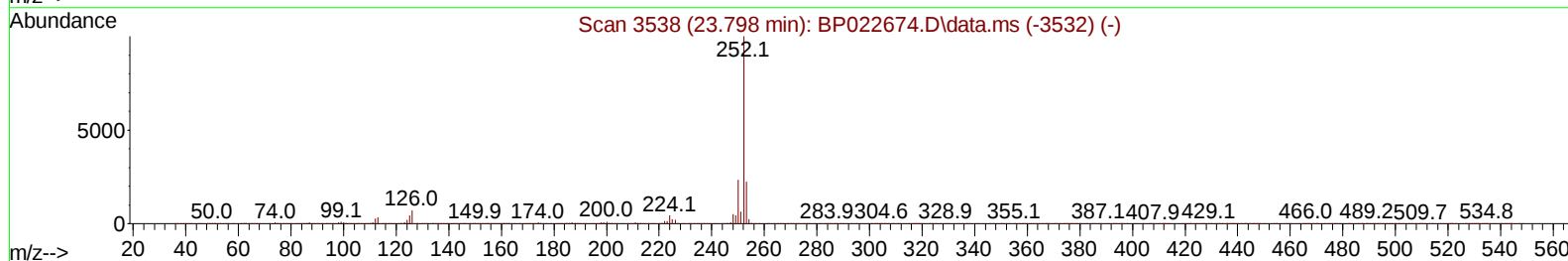
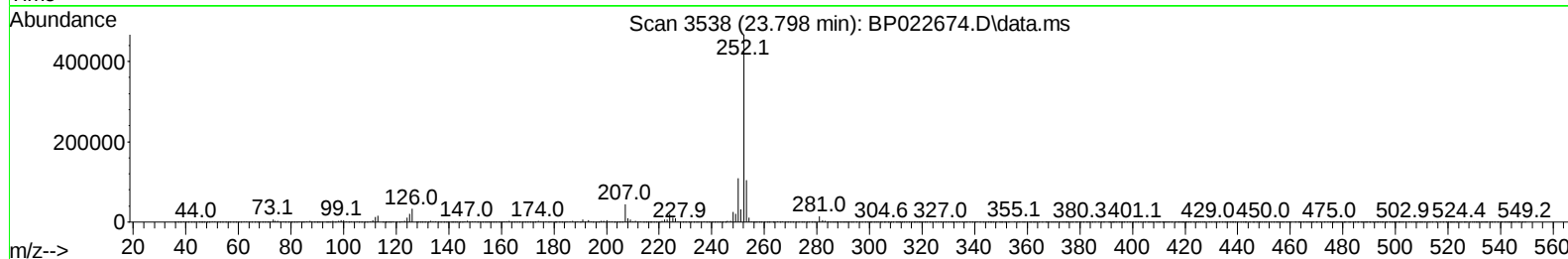
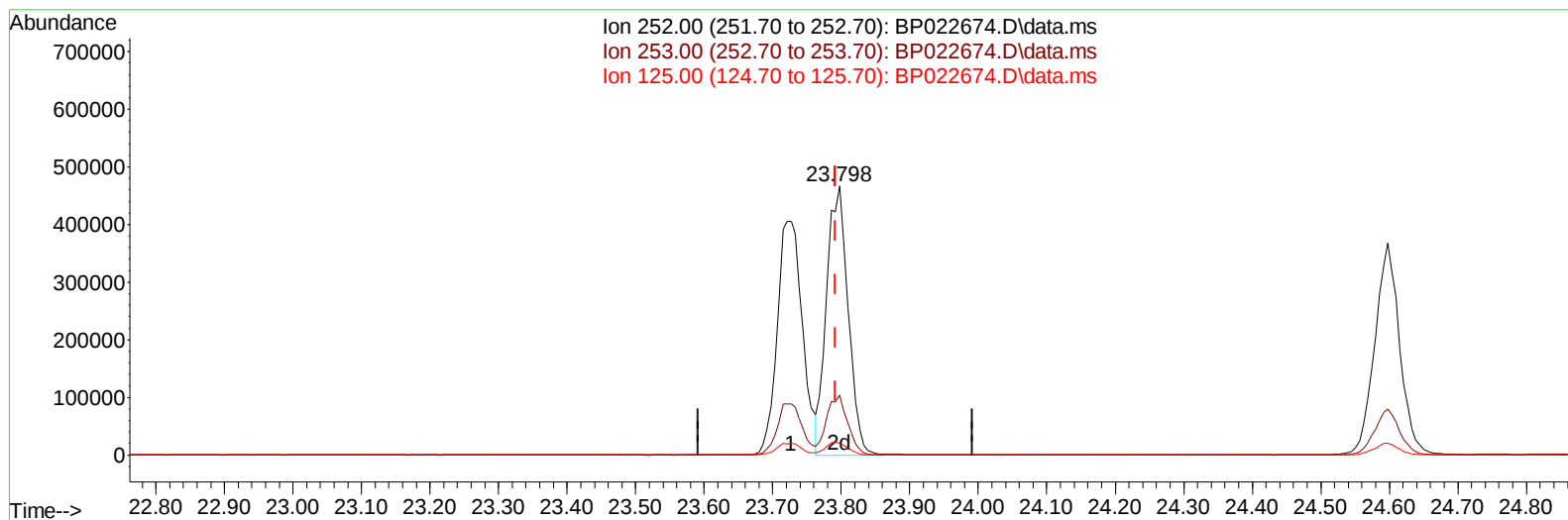
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022674.D
Acq On : 28 Oct 2024 10:57
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 12:21:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



TIC: BP022674.D\data.ms

(91) Benzo(k)fluoranthene

23.798min (+ 0.006) 21.40 ng/ul m

response 1017787

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.39
125.00	5.70	4.46#
0.00	0.00	0.00

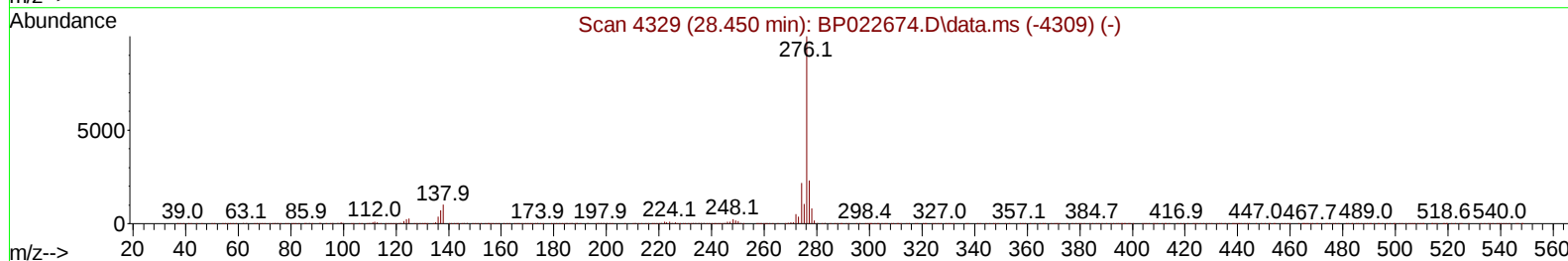
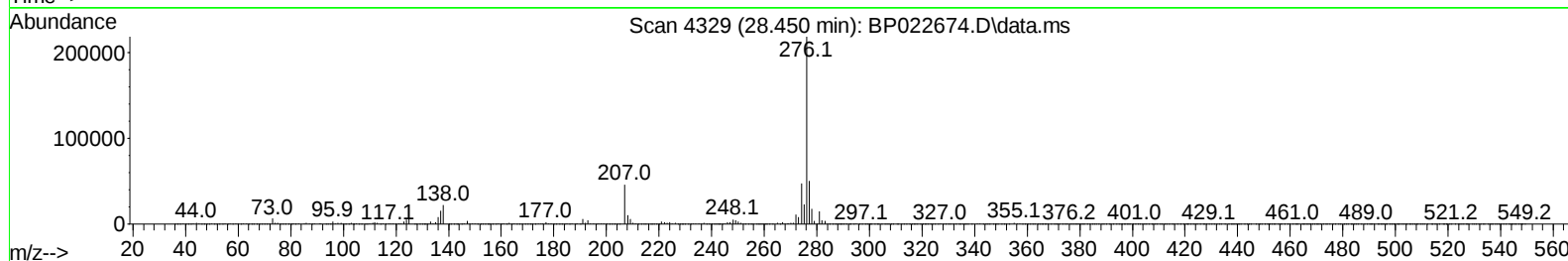
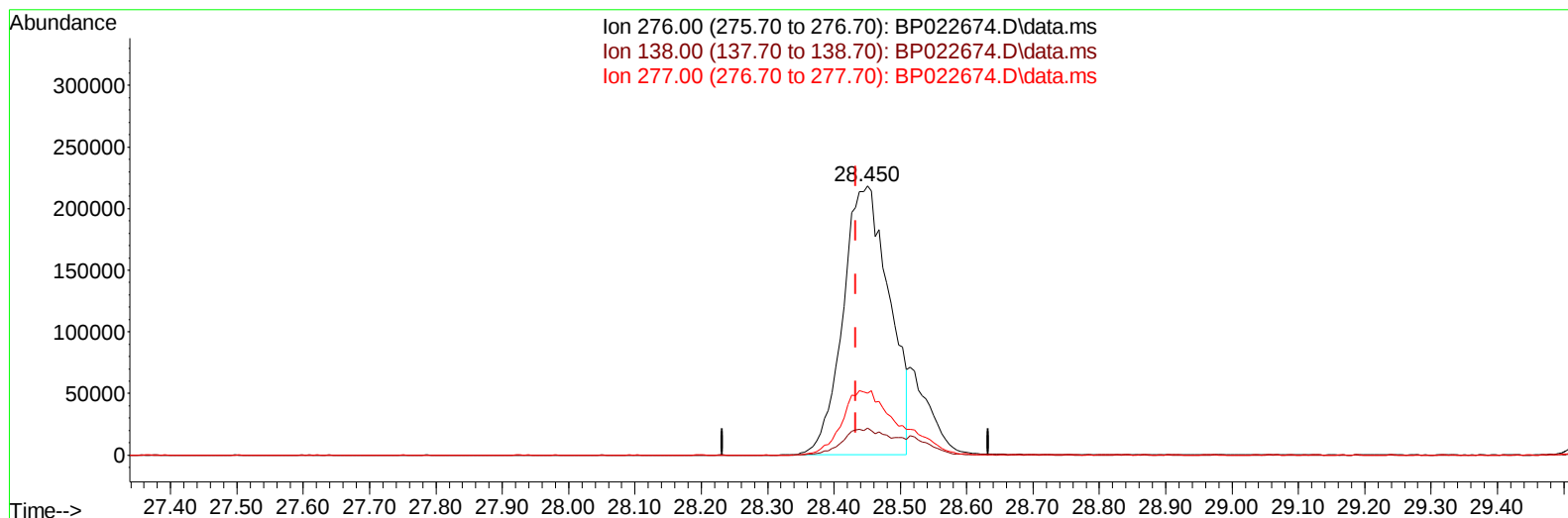
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022674.D
Acq On : 28 Oct 2024 10:57
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 12:21:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



TIC: BP022674.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.450min (+ 0.018) 17.67 ng/u1

response 1054084

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	10.09
277.00	23.20	22.93
0.00	0.00	0.00

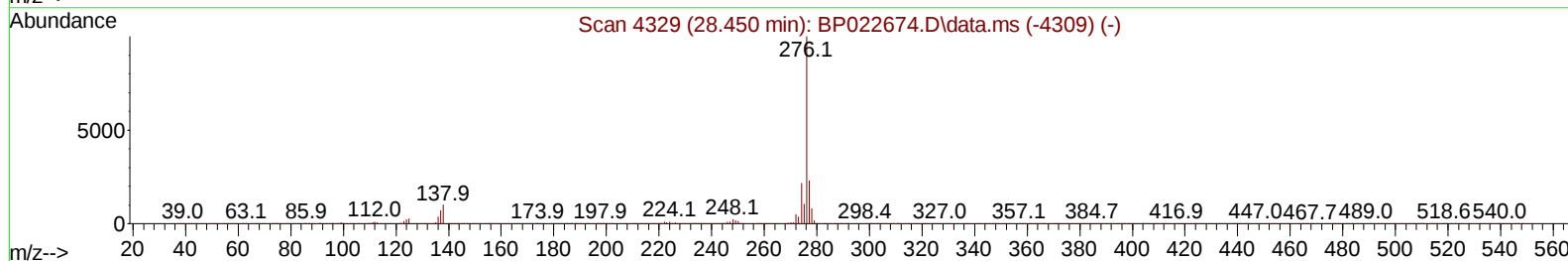
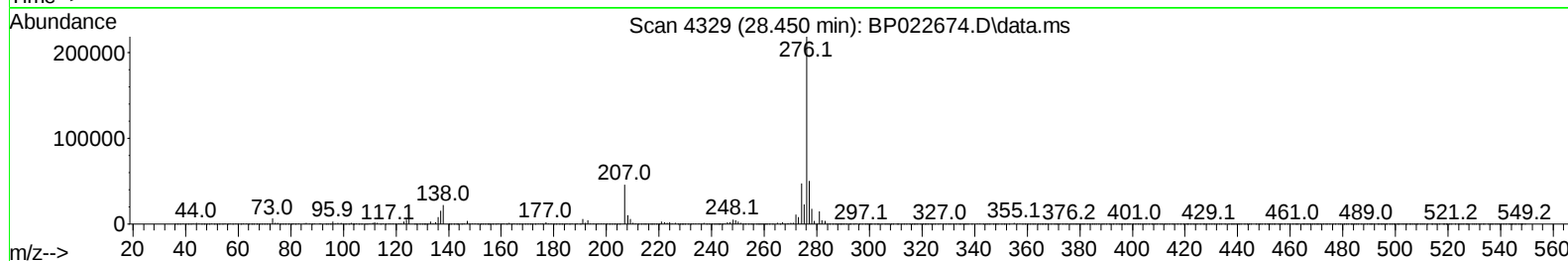
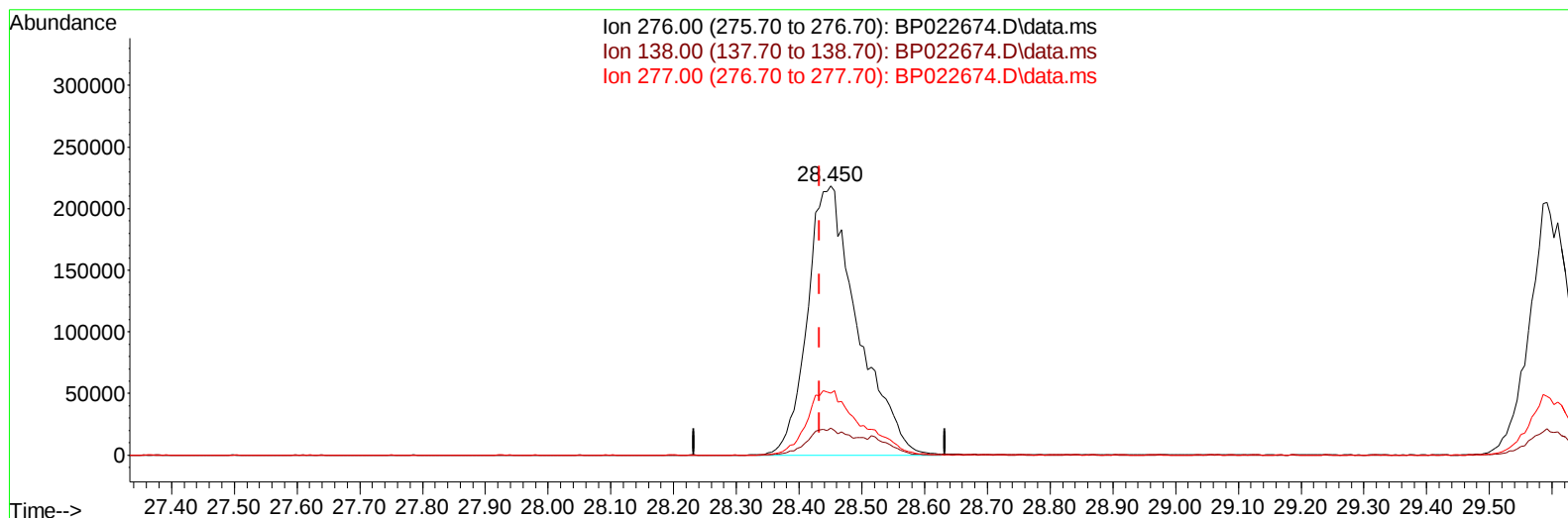
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022674.D
Acq On : 28 Oct 2024 10:57
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 12:21:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



TIC: BP022674.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.450min (+ 0.018) 20.34 ng/ul m

response 1213484

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	10.09
277.00	23.20	22.93
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
 Data File : BP022674.D
 Acq On : 28 Oct 2024 10:57
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 12:22:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 26 05:55:04 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	69252	20.000	ng/ul	-0.04
20) Naphthalene-d8	10.381	136	269667	20.000	ng/ul	-0.04
38) Acenaphthene-d10	14.251	164	219033	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.051	188	580108	20.000	ng/ul	-0.03
79) Chrysene-d12	21.504	240	670637	20.000	ng/ul	0.00
88) Perylene-d12	24.756	264	771670	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	14527	8.152	ng/uL	-0.03
4) Pyridine-d5	3.581	84	103318	21.119	ng/ul	-0.03
7) Phenol-d5	6.816	99	119641	20.524	ng/ul	-0.04
9) Bis-(2-Chloroethyl)eth...	6.969	67	71482	20.863	ng/ul	-0.04
11) 2-Chlorophenol-d4	7.169	132	88447	21.383	ng/ul	-0.04
15) 4-Methylphenol-d8	8.328	113	94145	20.237	ng/ul	-0.04
21) Nitrobenzene-d5	8.763	128	44388	21.408	ng/ul	-0.04
24) 2-Nitrophenol-d4	9.481	143	52086	21.698	ng/ul	-0.03
28) 2,4-Dichlorophenol-d3	10.016	165	110073	21.574	ng/ul	-0.04
31) 4-Chloroaniline-d4	10.528	131	124178	20.598	ng/ul	-0.03
46) Dimethylphthalate-d6	13.651	166	370914	21.314	ng/ul	-0.03
49) Acenaphthylene-d8	13.939	160	389942	21.097	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.498	143	57672	19.754	ng/ul	0.00
60) Fluorene-d10	15.263	176	327589	21.703	ng/ul	-0.03
65) 4,6-Dinitro-2-methylph...	15.410	200	76391	20.022	ng/ul	0.00
73) Anthracene-d10	17.163	188	556469	20.391	ng/ul	0.00
81) Pyrene-d10	19.545	212	724229	20.421	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.527	264	853894	20.720	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	14719	7.682	ng/uL#	84
5) Pyridine	3.599	79	107005	21.331	ng/ul	95
6) Benzaldehyde	6.781	77	70886	22.502	ng/ul	97
8) Phenol	6.846	94	123594	20.378	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.057	93	93701	20.643	ng/ul	98
12) 2-Chlorophenol	7.198	128	89881	21.013	ng/ul	97
13) 2-Methylphenol	8.069	108	90111	20.473	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.134	45	107373	20.354	ng/ul	97
16) Acetophenone	8.440	105	160474	20.894	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.416	70	84766	21.784	ng/ul	100
18) 4-Methylphenol	8.393	108	100365	20.554	ng/ul	97
19) Hexachloroethane	8.681	117	43070	21.621	ng/ul	99
22) Nitrobenzene	8.810	77	125194	20.228	ng/ul	100
23) Isophorone	9.334	82	232292	20.933	ng/ul	97
25) 2-Nitrophenol	9.510	139	56269	21.750	ng/ul	98
26) 2,4-Dimethylphenol	9.581	107	123368	21.939	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.804	93	133680	21.216	ng/ul	98
29) 2,4-Dichlorophenol	10.045	162	108981	21.691	ng/ul	96
30) Naphthalene	10.434	128	304958	21.232	ng/ul	98
32) 4-Chloroaniline	10.551	127	123792	20.802	ng/ul	99
33) Hexachlorobutadiene	10.710	225	91030	21.496	ng/ul	99
34) Caprolactam	11.328	113	32244	19.906	ng/ul	89
35) 4-Chloro-3-methylphenol	11.686	107	120591	21.998	ng/ul	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
 Data File : BP022674.D
 Acq On : 28 Oct 2024 10:57
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 12:22:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 26 05:55:04 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.045	142	228224	21.646	ng/ul	98
37) 1-Methylnaphthalene	12.269	142	232188	21.576	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.422	216	167296	20.657	ng/ul	95
40) Hexachlorocyclopentadiene	12.392	237	80786	16.372	ng/ul	98
41) 2,4,6-Trichlorophenol	12.669	196	107774	21.156	ng/ul	99
42) 2,4,5-Trichlorophenol	12.751	196	116898	21.550	ng/ul	99
43) 1,1'-Biphenyl	13.069	154	333218	21.106	ng/ul	99
44) 2-Chloronaphthalene	13.116	162	267814	20.722	ng/ul	98
45) 2-Nitroaniline	13.328	65	80047	20.743	ng/ul	95
47) Dimethylphthalate	13.698	163	365662	21.087	ng/ul	99
48) 2,6-Dinitrotoluene	13.833	165	72911	22.229	ng/ul	96
50) Acenaphthylene	13.969	152	398964	20.798	ng/ul	98
51) 3-Nitroaniline	14.175	138	62044	20.140	ng/ul	97
52) Acenaphthene	14.316	153	291113	21.461	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	47234	19.573	ng/ul	98
55) 4-Nitrophenol	14.510	109	67173	20.731	ng/ul	96
56) Dibenzofuran	14.657	168	434737	21.335	ng/ul	100
57) 2,4-Dinitrotoluene	14.639	165	113751	22.318	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.898	232	113346	22.387	ng/ul	99
59) Diethylphthalate	15.098	149	367468	22.088	ng/ul	98
61) Fluorene	15.322	166	363381	21.887	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.316	204	211636	22.291	ng/ul	99
63) 4-Nitroaniline	15.357	138	63535m	20.496	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	82215	20.006	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	321632	20.704	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	148418	21.216	ng/ul	97
69) Hexachlorobenzene	16.345	284	181805	21.113	ng/ul	99
70) Atrazine	16.527	200	139118	21.544	ng/ul	95
71) Pentachlorophenol	16.704	266	109013	19.689	ng/ul	97
72) Phenanthrene	17.098	178	625555	20.156	ng/ul	100
74) Anthracene	17.204	178	643252	20.769	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.033	216	172286	19.505	ng/uL	98
76) Pentachlorobenzene	14.580	250	197420	20.218	ng/uL	99
77) Carbazole	17.480	167	567771	20.717	ng/ul	99
78) Di-n-butylphthalate	18.063	149	634850	20.936	ng/ul	99
80) Fluoranthene	19.198	202	845896	20.748	ng/ul	98
82) Pyrene	19.574	202	897337	20.535	ng/ul	99
83) Butylbenzylphthalate	20.527	149	310963	20.439	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.409	252	338209	21.156	ng/ul	99
85) Benzo(a)anthracene	21.480	228	978579	20.815	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.415	149	440043	20.150	ng/ul	99
87) Chrysene	21.551	228	885084	20.303	ng/ul	100
89) Di-n-octyl phthalate	22.651	149	772896	21.057	ng/ul	100
90) Benzo(b)fluoranthene	23.727	252	1034065	21.289	ng/ul	99
91) Benzo(k)fluoranthene	23.798	252	1017787m	21.402	ng/ul	
93) Benzo(a)pyrene	24.598	252	927743	20.753	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.450	276	1213484m	20.341	ng/ul	
95) Dibenzo(a,h)anthracene	28.521	278	971210	20.104	ng/ul	98
96) Benzo(g,h,i)perylene	29.591	276	937883	20.212	ng/ul	99

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

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

