

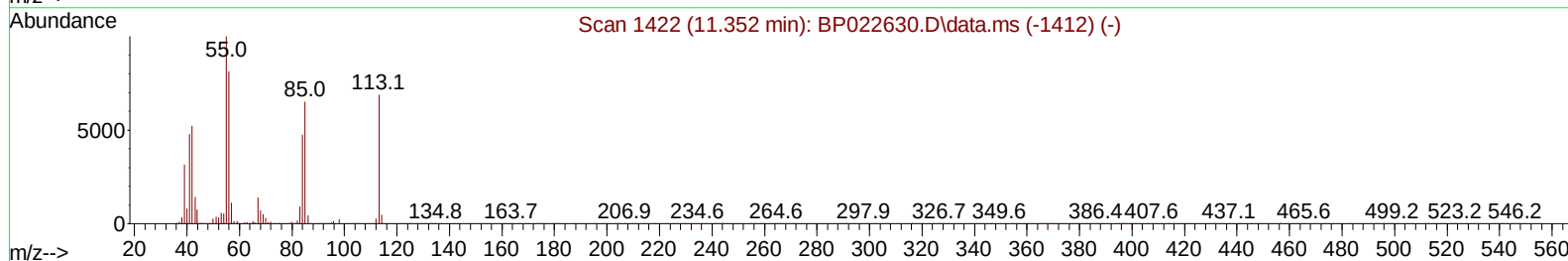
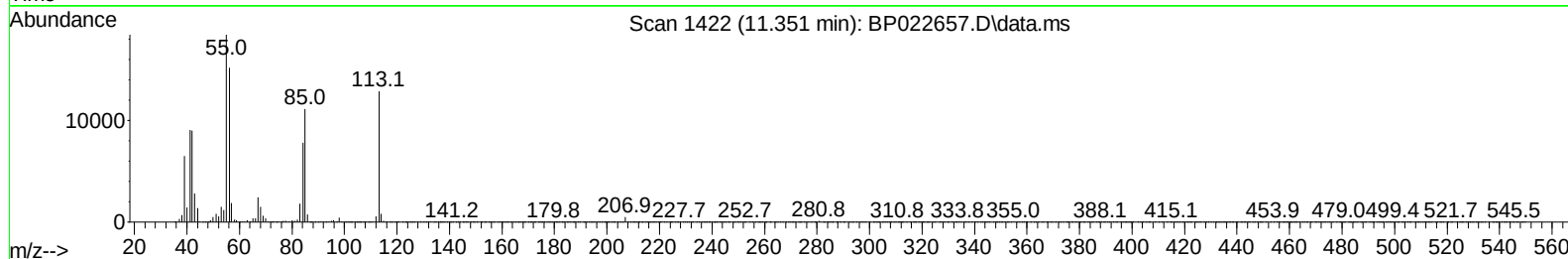
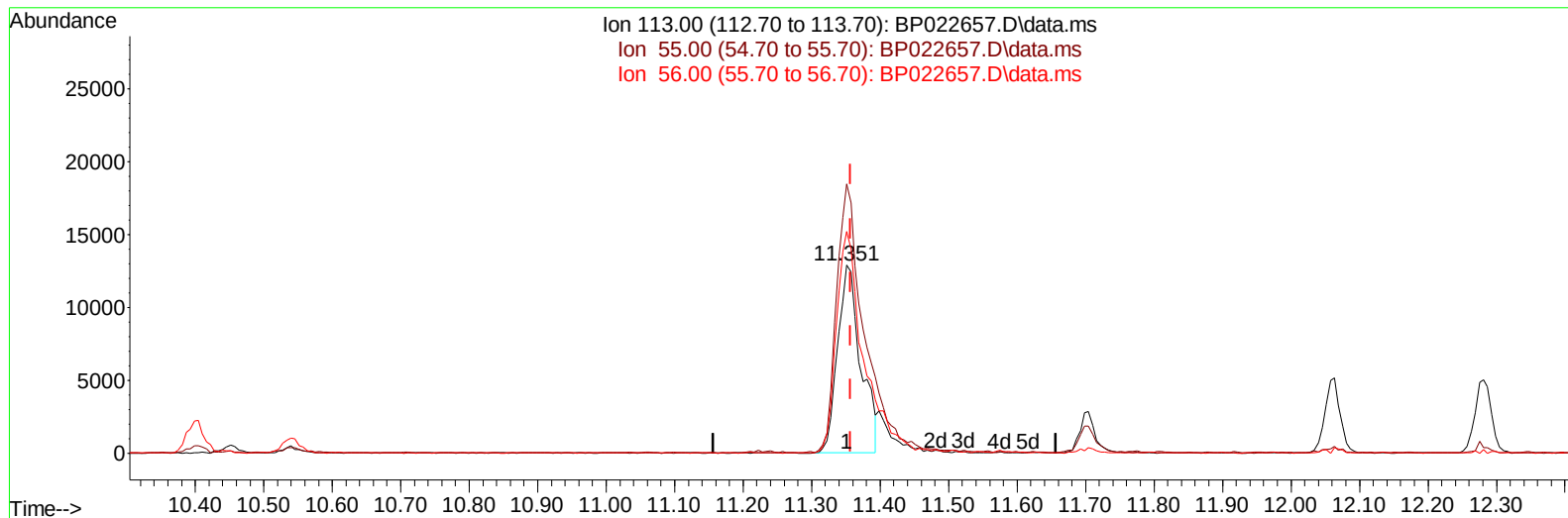
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022657.D
Acq On : 27 Oct 2024 01:28
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:40:02 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 10/28/2024
Supervised By :mohammad ahmed 10/29/2024



TIC: BP022657.D\data.ms

(34) Caprolactam

11.351min (-0.006) 16.09 ng/ul

response 30210

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	142.95
56.00	130.00	117.83
0.00	0.00	0.00

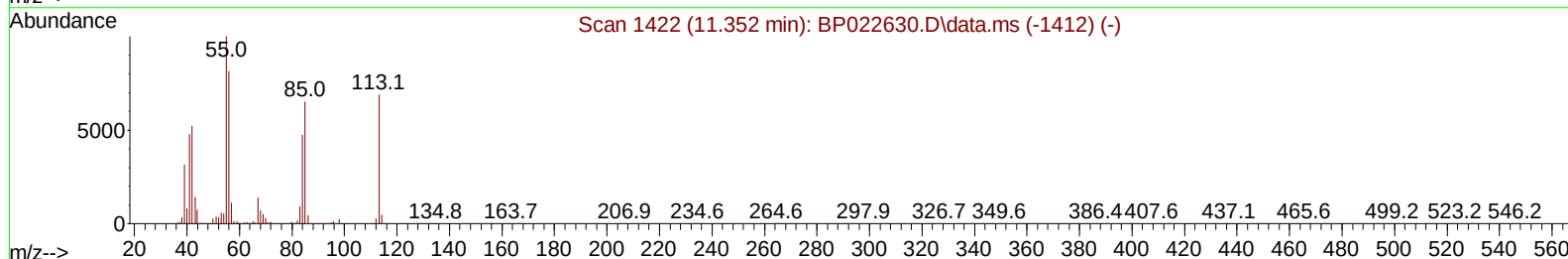
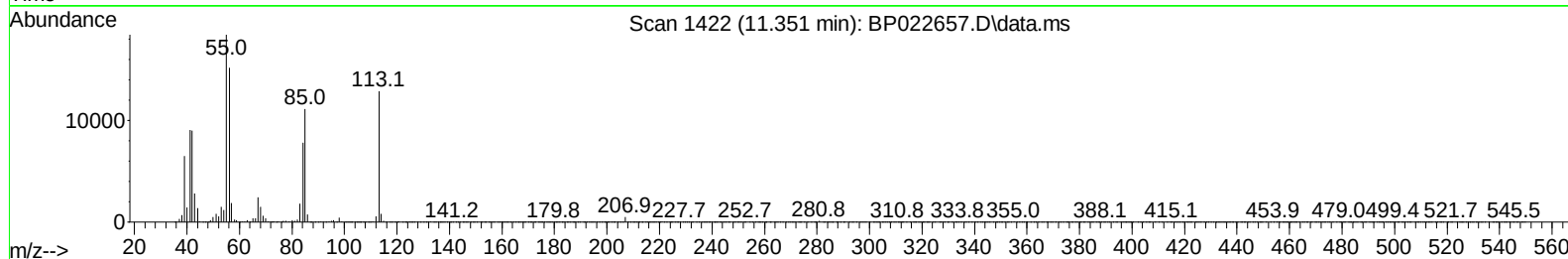
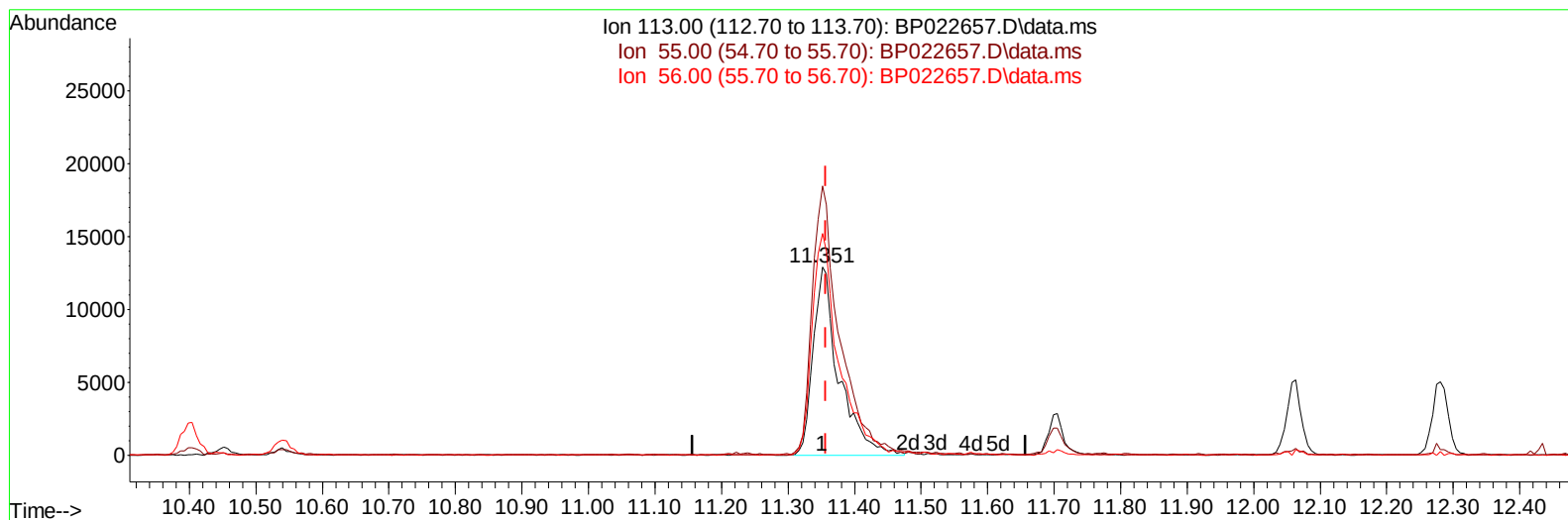
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022657.D
 Acq On : 27 Oct 2024 01:28
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:40:02 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 10/28/2024
 Supervised By :mohammad ahmed 10/29/2024



TIC: BP022657.D\data.ms

(34) Caprolactam

11.351min (-0.006) 18.39 ng/ul m

response 34540

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	142.95
56.00	130.00	117.83
0.00	0.00	0.00

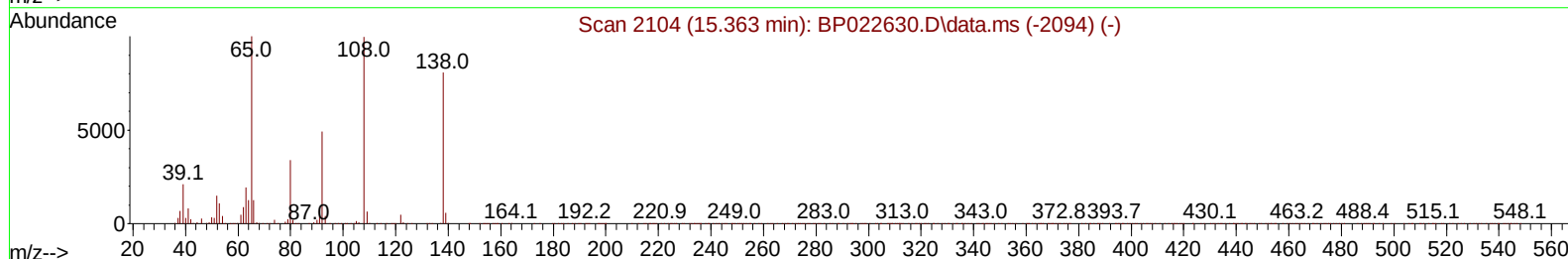
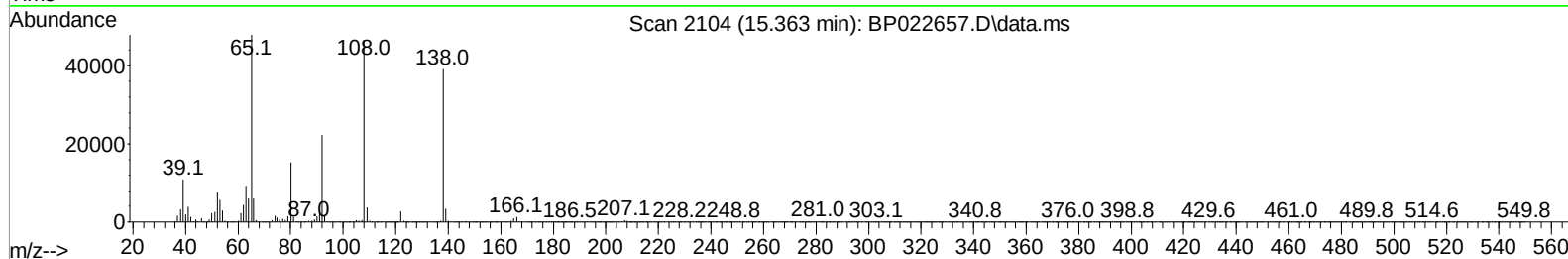
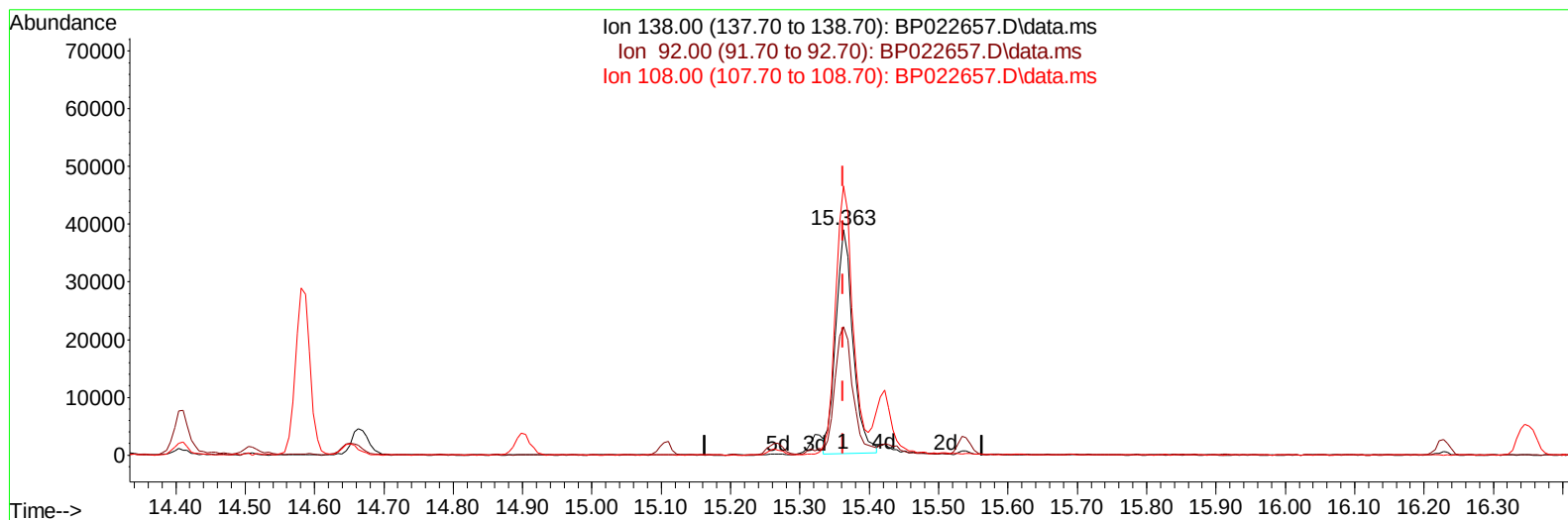
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022657.D
Acq On : 27 Oct 2024 01:28
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:40:02 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 10/28/2024
Supervised By :mohammad ahmed 10/29/2024



TIC: BP022657.D\data.ms

(63) 4-Nitroaniline

15.363min (+ 0.000) 19.57 ng/ul

response 66455

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	56.80
108.00	113.30	119.19
0.00	0.00	0.00

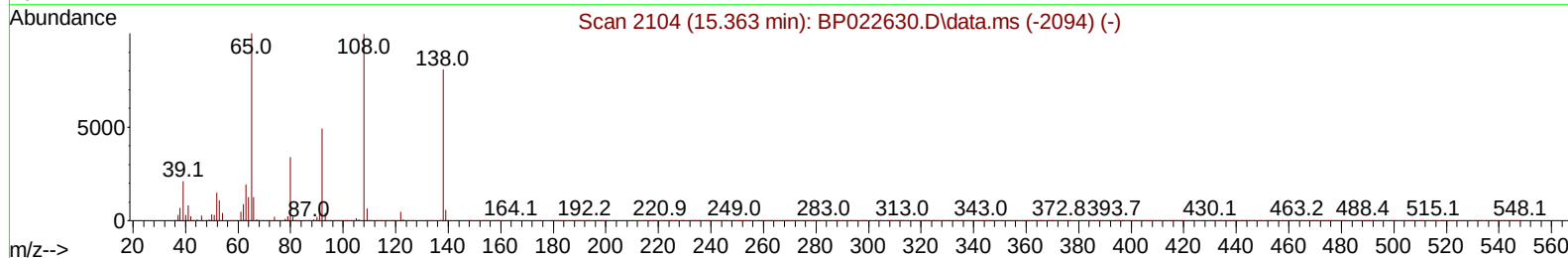
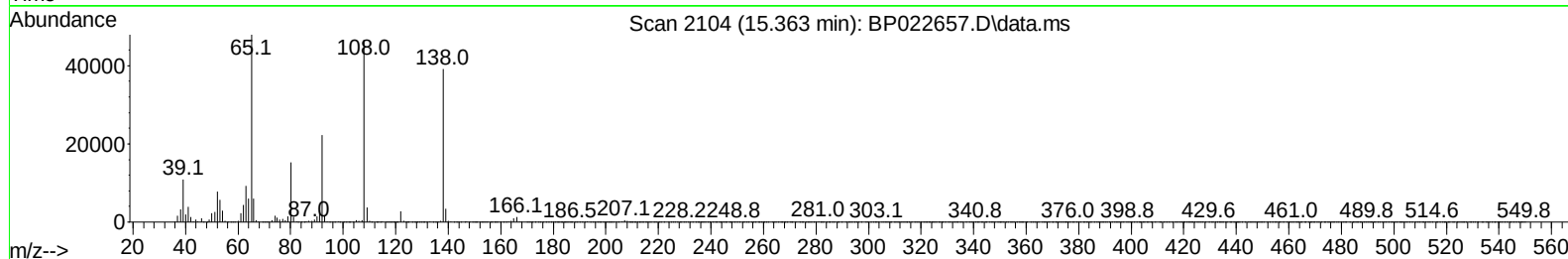
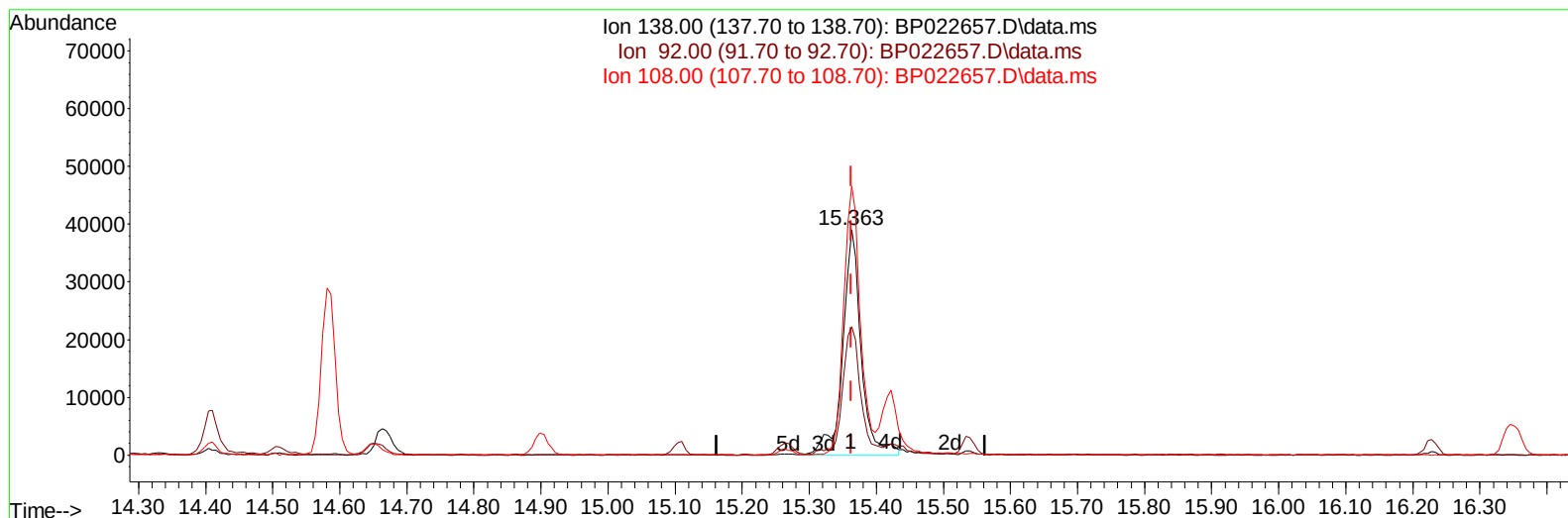
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022657.D
Acq On : 27 Oct 2024 01:28
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:40:02 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 10/28/2024
Supervised By :mohammad ahmed 10/29/2024



TIC: BP022657.D\data.ms

(63) 4-Nitroaniline

15.363min (+ 0.000) 22.02 ng/ul m

response 74789

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	56.80
108.00	113.30	119.19
0.00	0.00	0.00

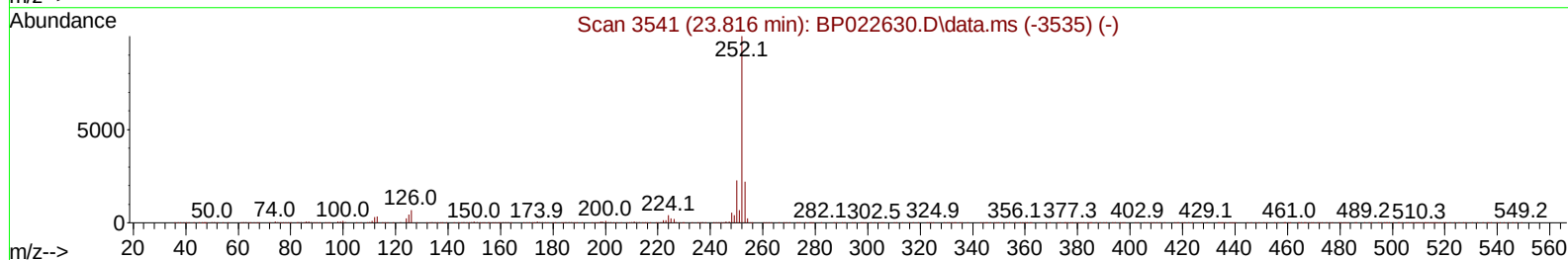
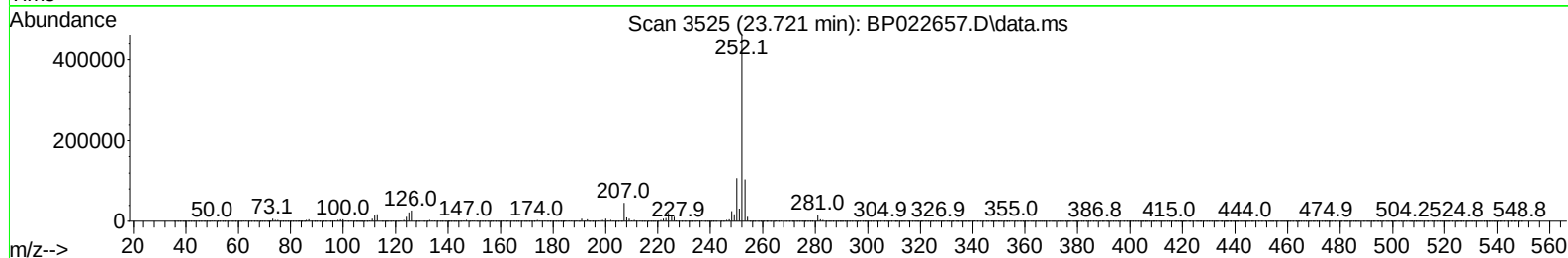
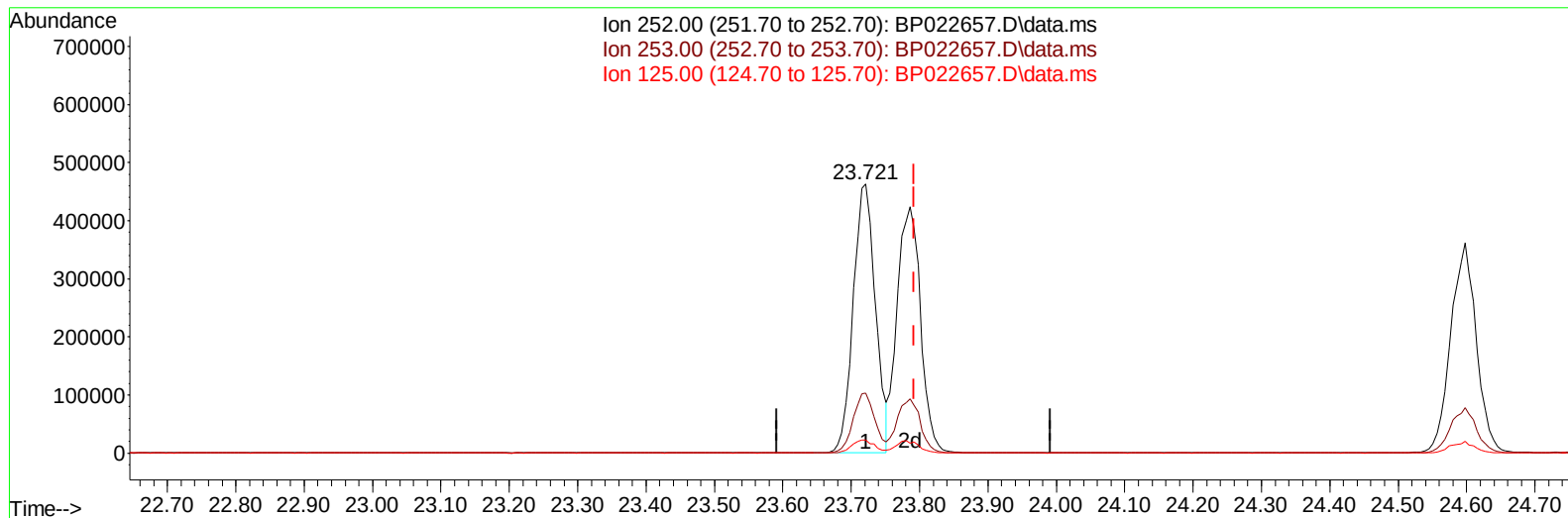
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022657.D
Acq On : 27 Oct 2024 01:28
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:40:02 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 10/28/2024
Supervised By :mohammad ahmed 10/29/2024



TIC: BP022657.D\data.ms

(91) Benzo(k)fluoranthene

23.721min (-0.070) 21.12 ng/u1

response 1044365

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.23
125.00	5.70	4.91
0.00	0.00	0.00

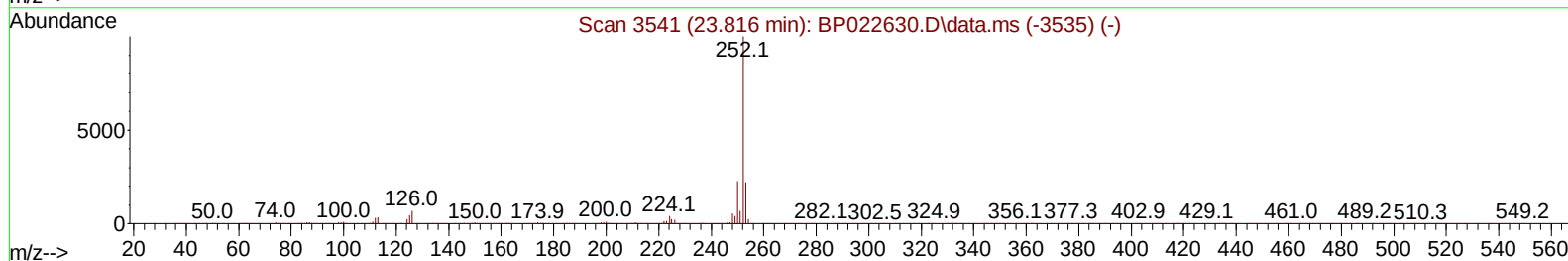
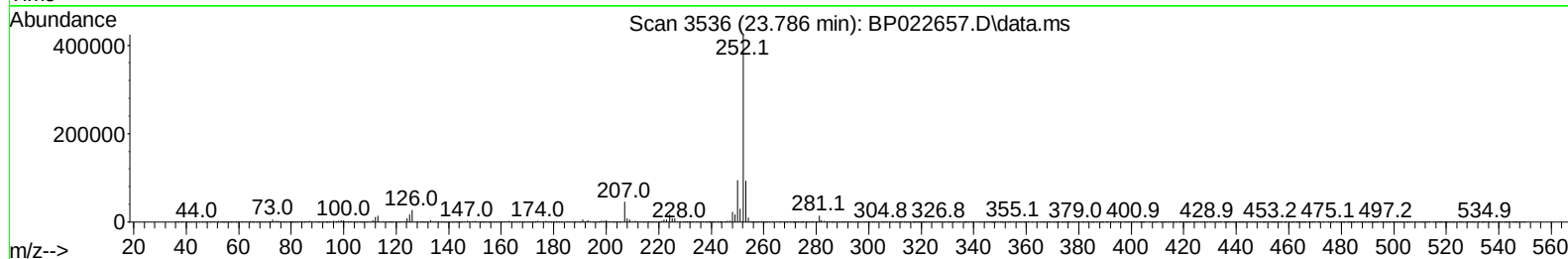
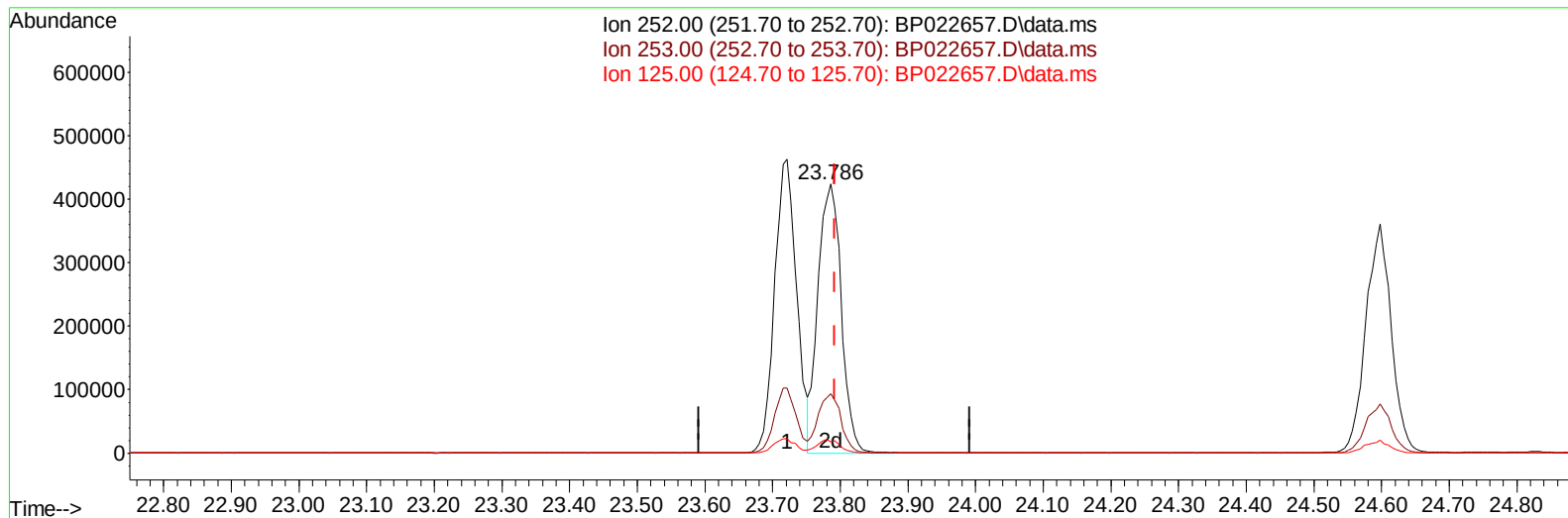
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022657.D
Acq On : 27 Oct 2024 01:28
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:40:02 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 10/28/2024
Supervised By :mohammad ahmed 10/29/2024



TIC: BP022657.D\data.ms

(91) Benzo(k)fluoranthene

23.786min (-0.006) 20.49 ng/ul m

response 1013231

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.02
125.00	5.70	4.12#
0.00	0.00	0.00

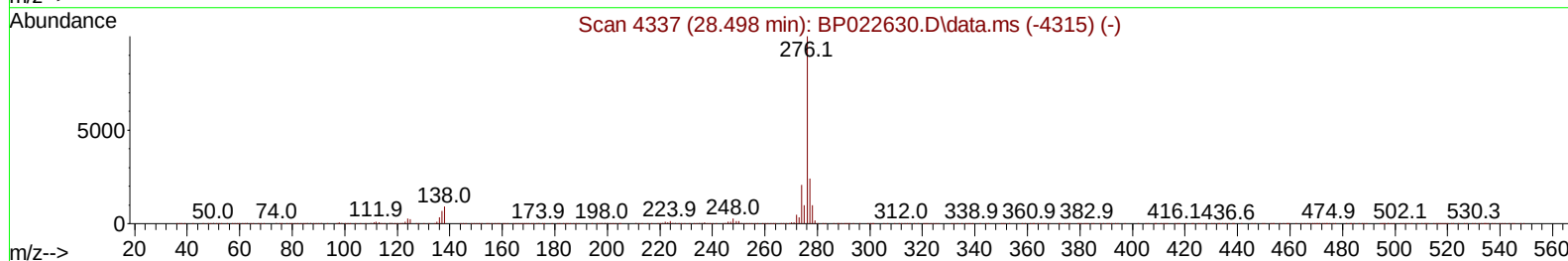
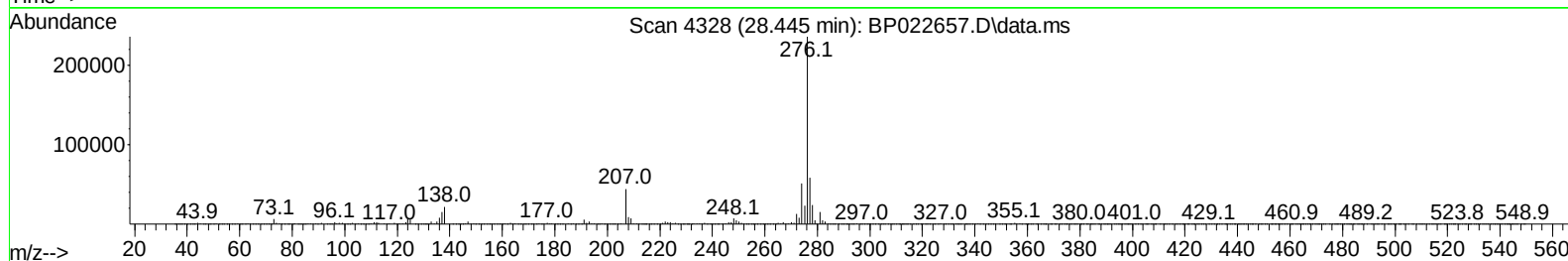
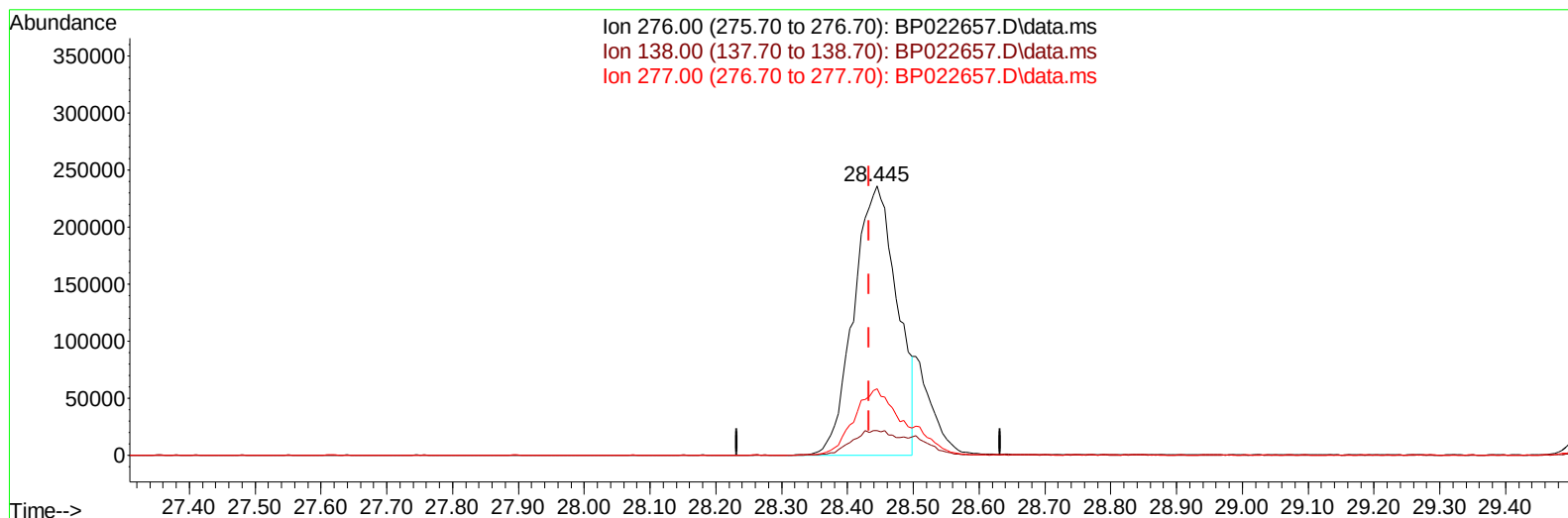
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022657.D
Acq On : 27 Oct 2024 01:28
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:40:02 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 10/28/2024
Supervised By :mohammad ahmed 10/29/2024



TIC: BP022657.D\data.ms

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

28.445min (+ 0.012) 17.40 ng/u1

response 1079155

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.21
277.00	23.20	24.67
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022657.D
 Acq On : 27 Oct 2024 01:28
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_P

LabSampleId :

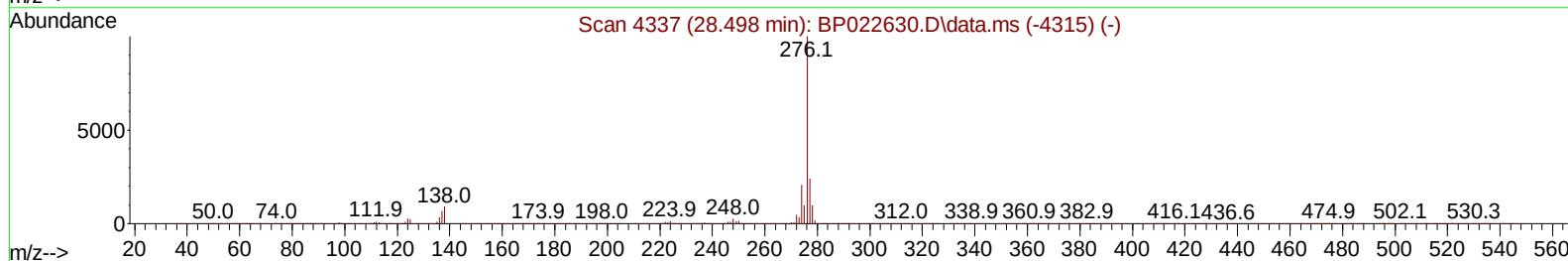
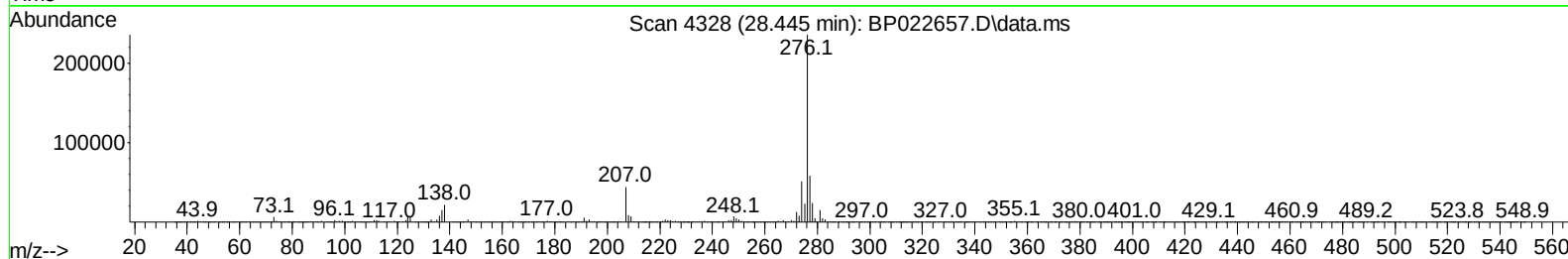
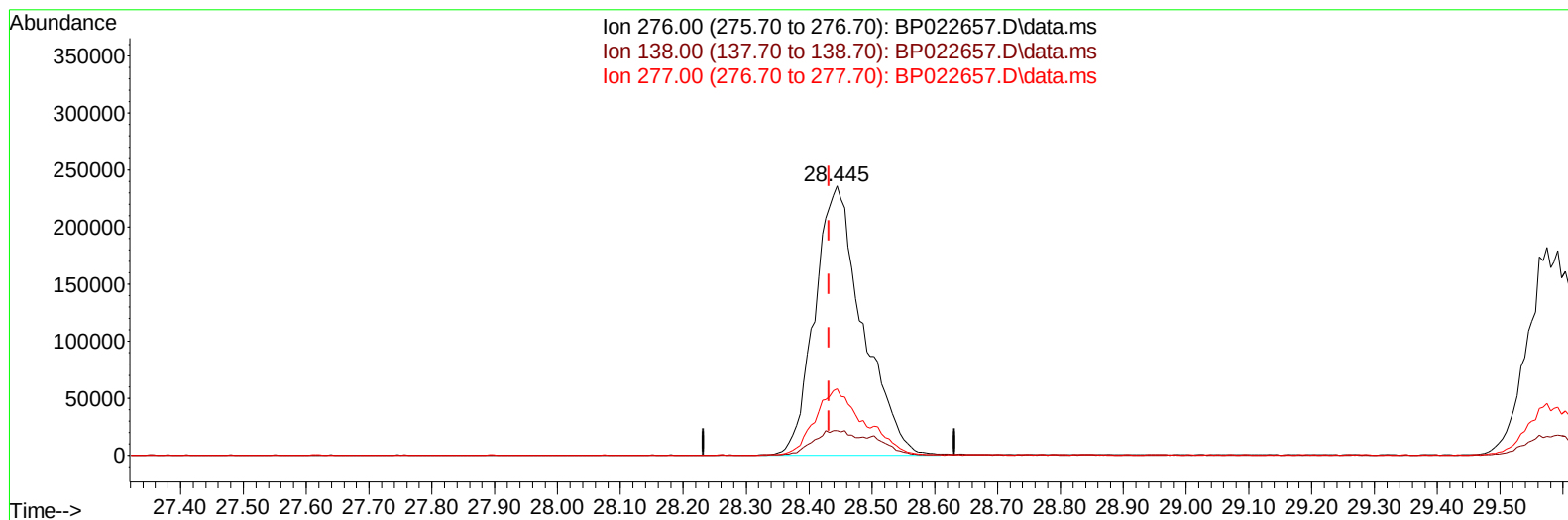
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:40:02 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 10/28/2024

Supervised By :mohammad ahmed 10/29/2024



TIC: BP022657.D\data.ms

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

28.445min (+ 0.012) 20.02 ng/ul m

response 1241990

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.21
277.00	23.20	24.67
0.00	0.00	0.00

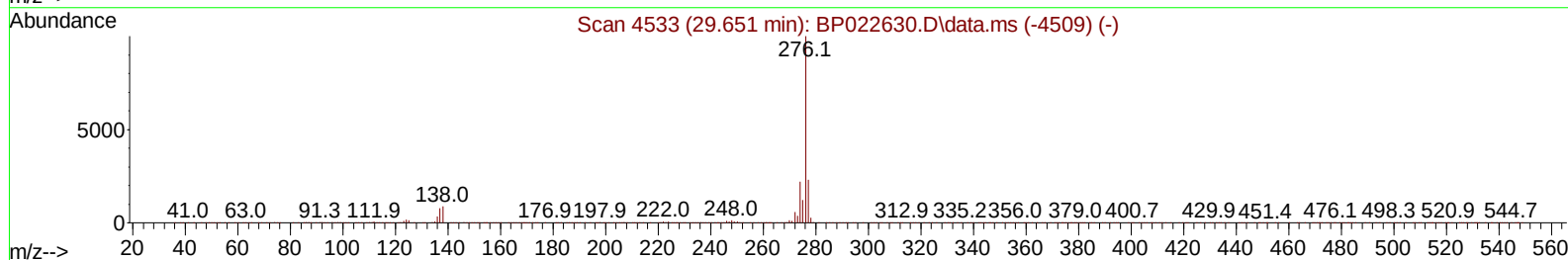
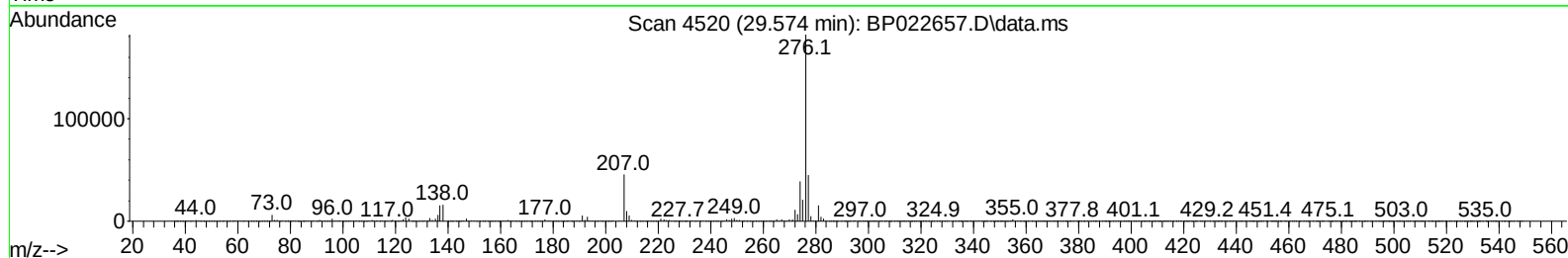
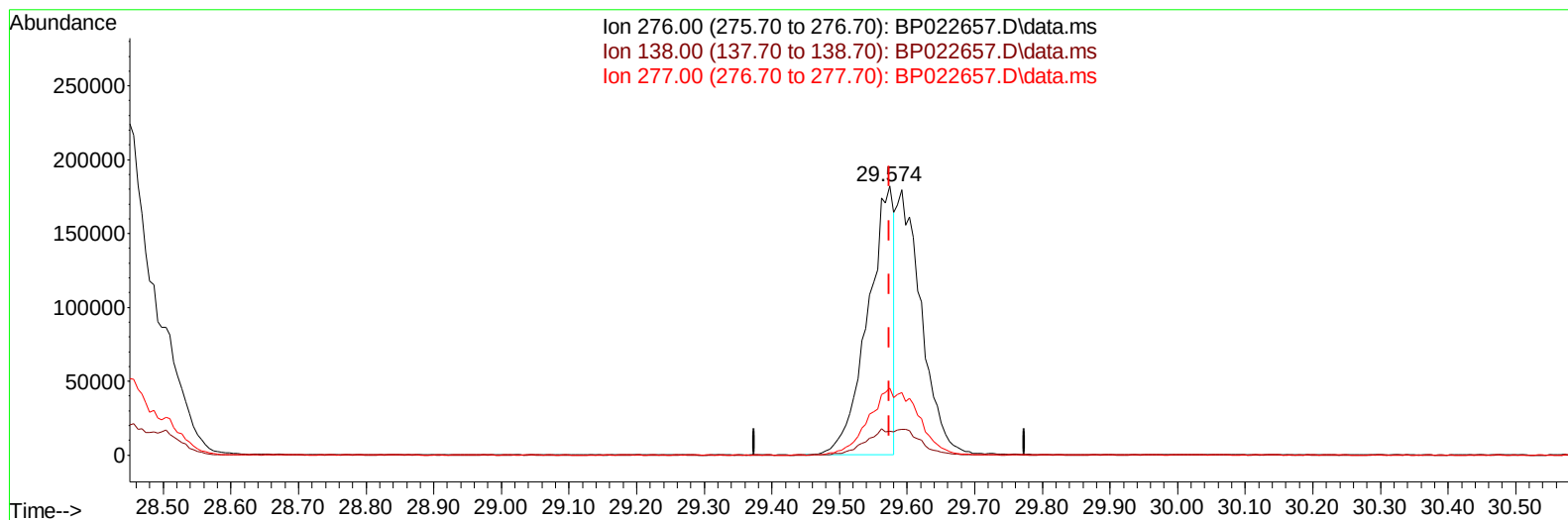
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022657.D
Acq On : 27 Oct 2024 01:28
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:40:02 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 10/28/2024
Supervised By :mohammad ahmed 10/29/2024



TIC: BP022657.D\data.ms

(96) Benzo(g,h,i)perylene

29.574min (+ 0.000) 10.13 ng/ul

response 488919

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	8.92
277.00	23.70	24.92
0.00	0.00	0.00

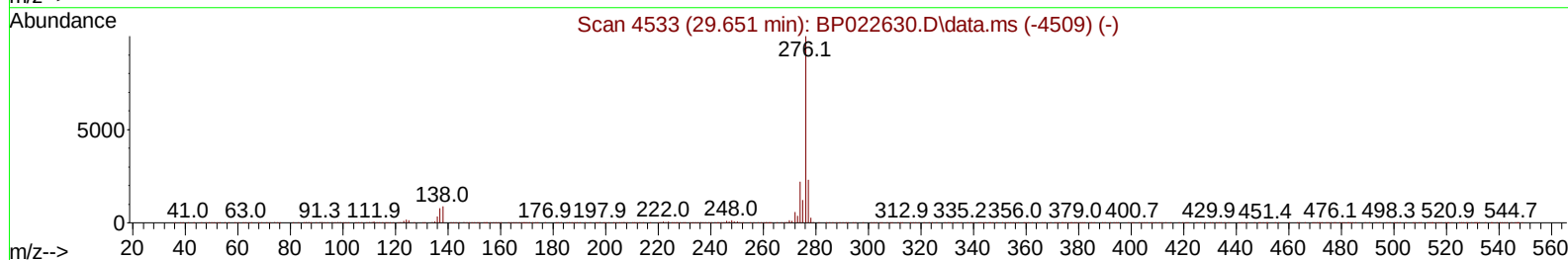
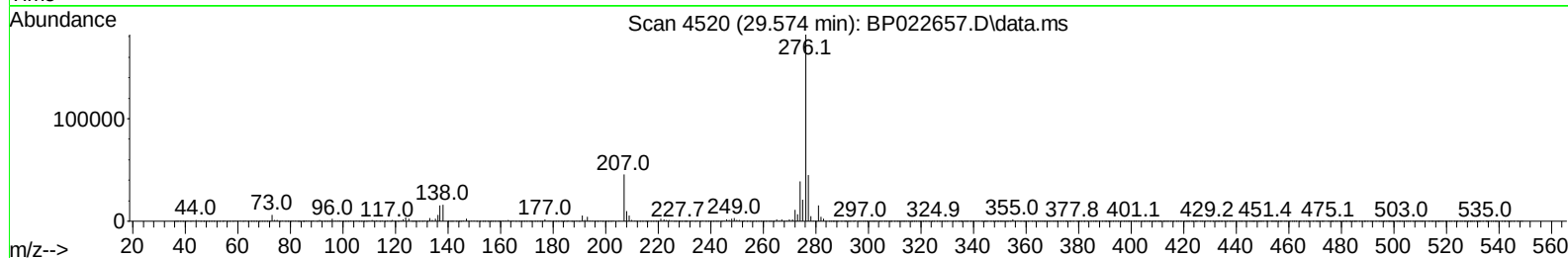
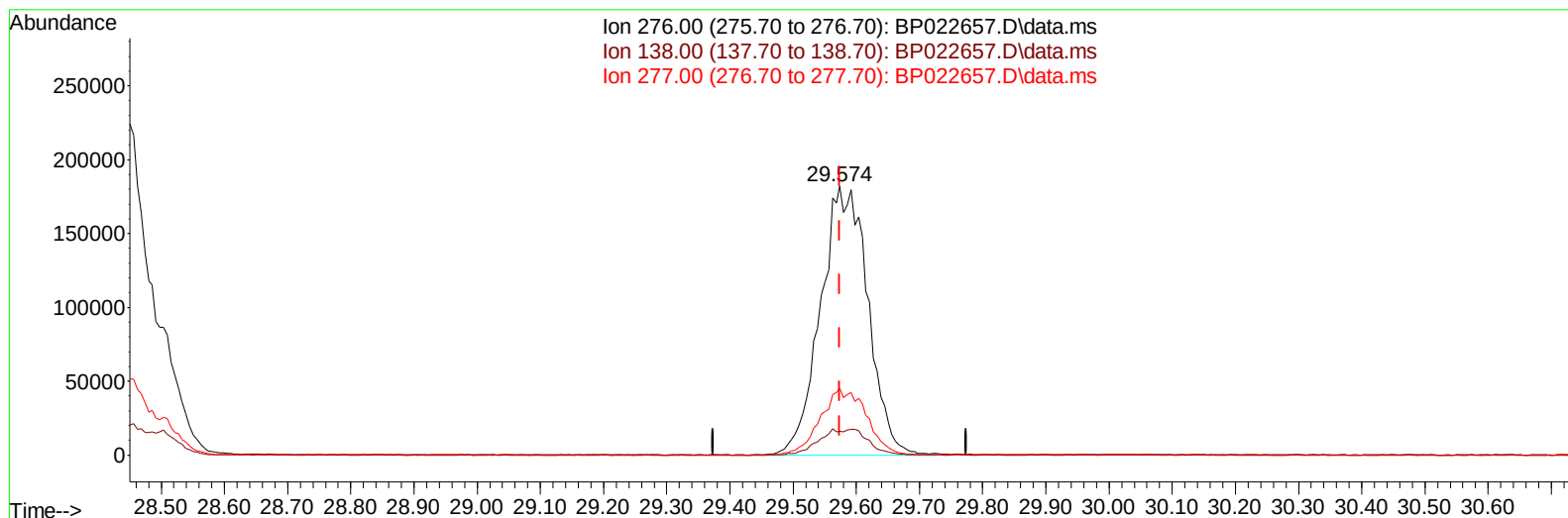
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022657.D
Acq On : 27 Oct 2024 01:28
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:40:02 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 10/28/2024
Supervised By :mohammad ahmed 10/29/2024



TIC: BP022657.D\data.ms

(96) Benzo(g,h,i)perylene

29.574min (+ 0.000) 19.61 ng/ul m

response 946435

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	8.92
277.00	23.70	24.92
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022657.D
 Acq On : 27 Oct 2024 01:28
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:41:54 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 10/28/2024
 Supervised By :mohammad ahmed 10/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	81680	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.404	136	312627	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.263	164	239990	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	591713	20.000	ng/ul	-0.02
79) Chrysene-d12	21.504	240	688455	20.000	ng/ul	# 0.00
88) Perylene-d12	24.757	264	802419	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	15601	7.422	ng/uL	-0.01
4) Pyridine-d5	3.599	84	113252	19.627	ng/ul	-0.01
7) Phenol-d5	6.840	99	136728	19.886	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.987	67	77762	19.243	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.187	132	99907	20.478	ng/ul	-0.02
15) 4-Methylphenol-d8	8.352	113	110593	20.155	ng/ul	-0.01
21) Nitrobenzene-d5	8.787	128	50544	21.027	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.499	143	58599	21.056	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.040	165	127001	21.471	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.540	131	135678	19.413	ng/ul	-0.02
46) Dimethylphthalate-d6	13.669	166	373671	19.597	ng/ul	-0.01
49) Acenaphthylene-d8	13.951	160	417841	20.632	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.498	143	60375	18.874	ng/ul	0.00
60) Fluorene-d10	15.269	176	343038	20.741	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	70228	18.046	ng/ul	0.00
73) Anthracene-d10	17.175	188	589801	21.189	ng/ul	0.00
81) Pyrene-d10	19.539	212	758001	20.820	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.527	264	882283	20.588	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	16226	7.180	ng/uL	91
5) Pyridine	3.617	79	116928	19.763	ng/ul	97
6) Benzaldehyde	6.805	77	81329	21.889	ng/ul	98
8) Phenol	6.863	94	142592	19.933	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.081	93	106407	19.876	ng/ul	96
12) 2-Chlorophenol	7.222	128	105676	20.947	ng/ul	97
13) 2-Methylphenol	8.093	108	102464	19.737	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	117569	18.896	ng/ul	97
16) Acetophenone	8.458	105	178800	19.738	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.440	70	91459	19.928	ng/ul	97
18) 4-Methylphenol	8.416	108	115953	20.134	ng/ul	97
19) Hexachloroethane	8.705	117	48199	20.514	ng/ul	98
22) Nitrobenzene	8.828	77	143920	20.058	ng/ul	99
23) Isophorone	9.346	82	246765	19.181	ng/ul	99
25) 2-Nitrophenol	9.528	139	62766	20.927	ng/ul	98
26) 2,4-Dimethylphenol	9.593	107	133365	20.458	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.822	93	140024	19.169	ng/ul	97
29) 2,4-Dichlorophenol	10.069	162	124575	21.387	ng/ul	95
30) Naphthalene	10.452	128	337355	20.260	ng/ul	98
32) 4-Chloroaniline	10.563	127	136997	19.857	ng/ul	98
33) Hexachlorobutadiene	10.728	225	101618	20.699	ng/ul	96
34) Caprolactam	11.351	113	34540m	18.393	ng/ul	
35) 4-Chloro-3-methylphenol	11.699	107	131787	20.737	ng/ul	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022657.D
 Acq On : 27 Oct 2024 01:28
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:41:54 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 10/28/2024
 Supervised By :mohammad ahmed 10/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	250927	20.529	ng/ul	95
37) 1-Methylnaphthalene	12.281	142	254711	20.417	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.434	216	185503	20.905	ng/ul	96
40) Hexachlorocyclopentadiene	12.404	237	100752	18.635	ng/ul	98
41) 2,4,6-Trichlorophenol	12.681	196	117004	20.962	ng/ul	98
42) 2,4,5-Trichlorophenol	12.763	196	128024	21.540	ng/ul	97
43) 1,1'-Biphenyl	13.081	154	361022	20.870	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	291960	20.618	ng/ul	98
45) 2-Nitroaniline	13.340	65	83519	19.752	ng/ul	97
47) Dimethylphthalate	13.722	163	370424	19.496	ng/ul	99
48) 2,6-Dinitrotoluene	13.840	165	77979	21.698	ng/ul	95
50) Acenaphthylene	13.981	152	428905	20.406	ng/ul	99
51) 3-Nitroaniline	14.175	138	67182	19.903	ng/ul	100
52) Acenaphthene	14.328	153	304062	20.458	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	50204	18.987	ng/ul	97
55) 4-Nitrophenol	14.510	109	71358	20.099	ng/ul	91
56) Dibenzofuran	14.663	168	460999	20.649	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	118396	21.201	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.898	232	121191	21.846	ng/ul	97
59) Diethylphthalate	15.104	149	366753	20.120	ng/ul	97
61) Fluorene	15.328	166	377149	20.733	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	212801	20.456	ng/ul	97
63) 4-Nitroaniline	15.363	138	74789m	22.019	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	77643	18.523	ng/ul#	97
67) N-Nitrosodiphenylamine	15.540	169	321628	20.298	ng/ul	100
68) 4-Bromophenyl-phenylether	16.228	248	150935	21.152	ng/ul	95
69) Hexachlorobenzene	16.351	284	187845	21.387	ng/ul	98
70) Atrazine	16.516	200	133796	20.313	ng/ul	97
71) Pentachlorophenol	16.716	266	116828	20.687	ng/ul	93
72) Phenanthrene	17.110	178	647160	20.443	ng/ul	99
74) Anthracene	17.204	178	655638	20.753	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.046	216	194125	21.547	ng/uL	98
76) Pentachlorobenzene	14.587	250	206680	20.751	ng/uL	98
77) Carbazole	17.498	167	578389	20.691	ng/ul	99
78) Di-n-butylphthalate	18.069	149	617435	19.962	ng/ul	99
80) Fluoranthene	19.192	202	877703	20.971	ng/ul	99
82) Pyrene	19.575	202	935630	20.857	ng/ul	97
83) Butylbenzylphthalate	20.522	149	307930	19.716	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	339055	20.660	ng/ul	98
85) Benzo(a)anthracene	21.480	228	967970	20.056	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	434207	19.368	ng/ul	99
87) Chrysene	21.545	228	895018	20.000	ng/ul	100
89) Di-n-octyl phthalate	22.645	149	742203	19.446	ng/ul	100
90) Benzo(b)fluoranthene	23.721	252	1044365	20.677	ng/ul#	99
91) Benzo(k)fluoranthene	23.786	252	1013231m	20.489	ng/ul	
93) Benzo(a)pyrene	24.598	252	944083	20.309	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.445	276	1241990m	20.021	ng/ul	
95) Dibenzo(a,h)anthracene	28.509	278	990738	19.723	ng/ul#	98
96) Benzo(g,h,i)perylene	29.574	276	946435m	19.615	ng/ul	

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

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/29/2024

