

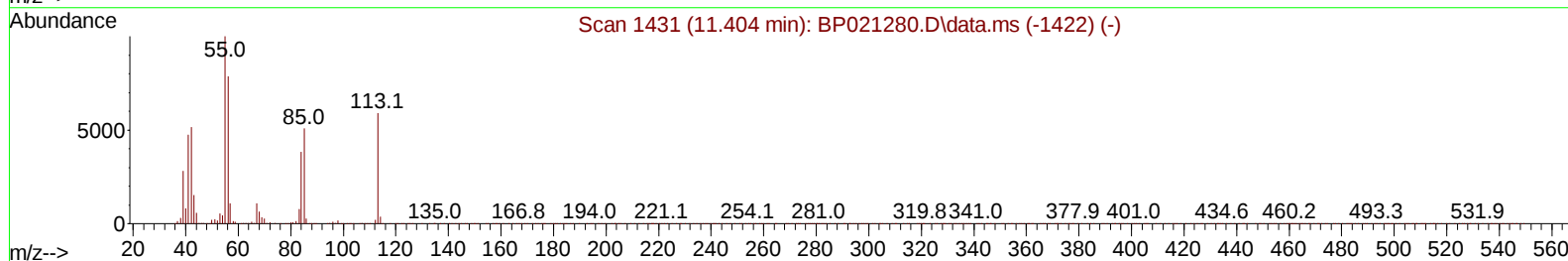
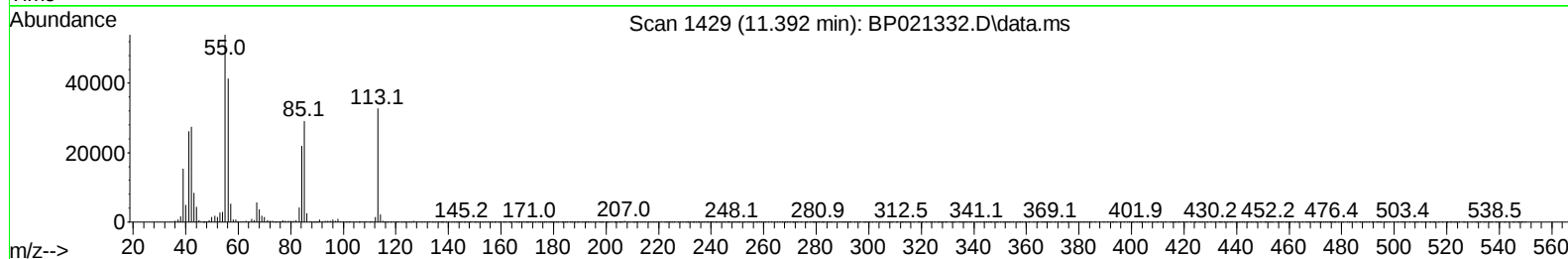
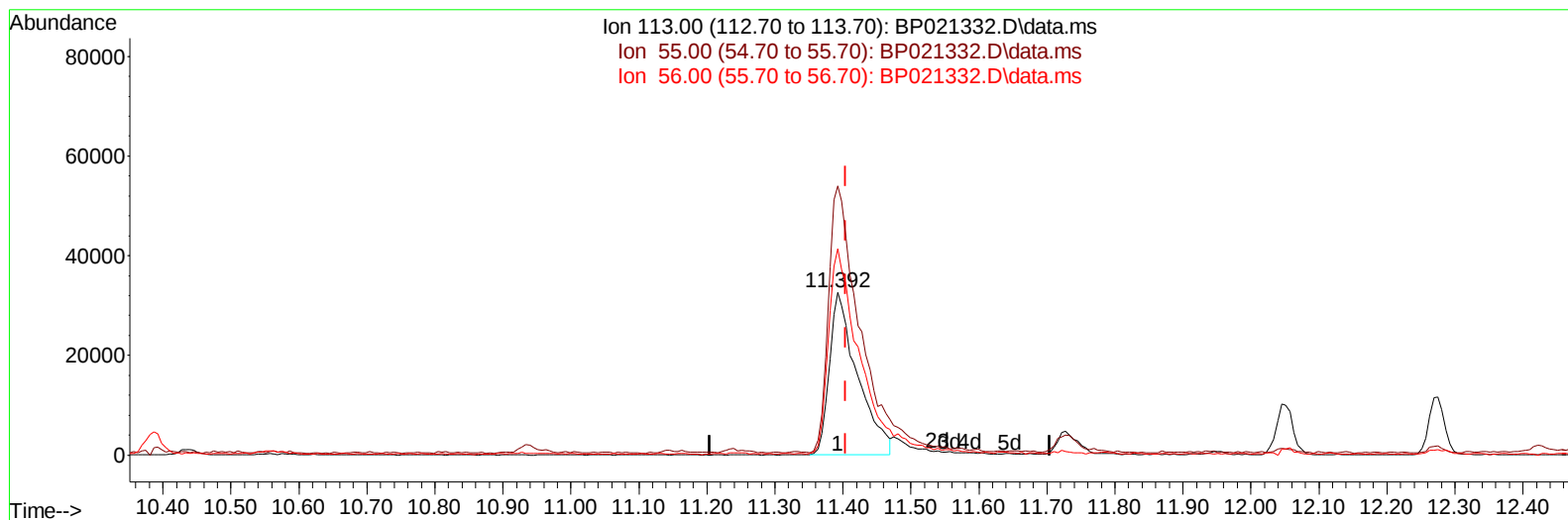
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021332.D
Acq On : 02 Aug 2024 23:12
Operator : CG/JU
Sample : P3263-21MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLOMS

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:51:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021332.D\data.ms

(34) Caprolactam

11.392min (-0.012) 29.76 ng/ul

response 93749

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	165.18
56.00	131.90	126.84
0.00	0.00	0.00

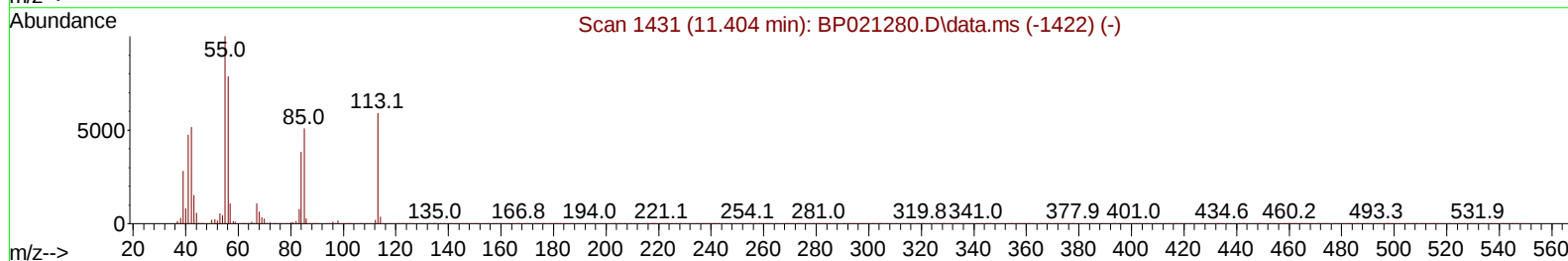
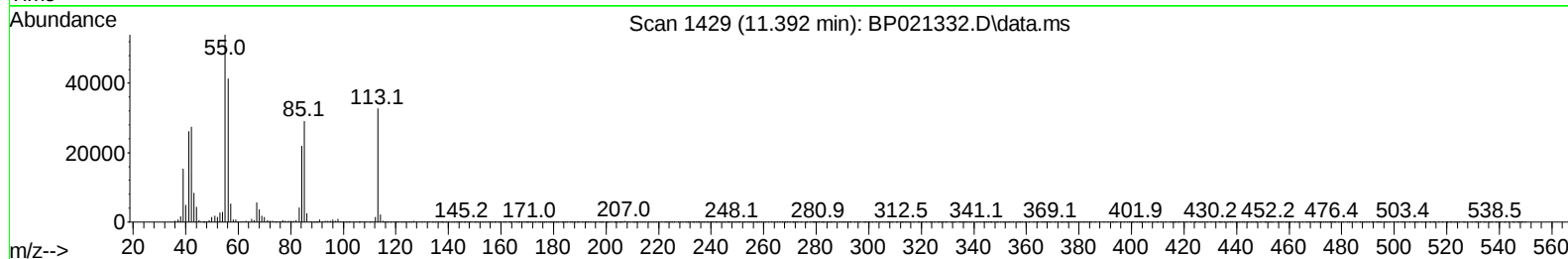
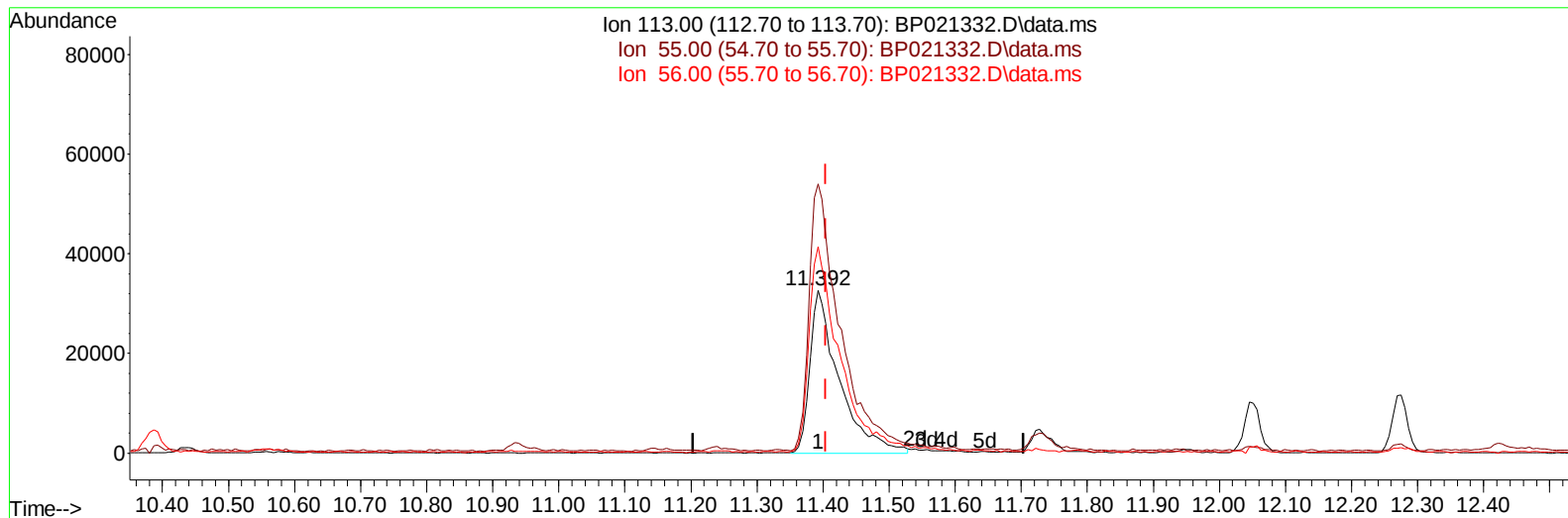
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021332.D
Acq On : 02 Aug 2024 23:12
Operator : CG/JU
Sample : P3263-21MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLOMS

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:51:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021332.D\data.ms

(34) Caprolactam

11.392min (-0.012) 31.98 ng/ul m

response 100735

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	165.18
56.00	131.90	126.84
0.00	0.00	0.00

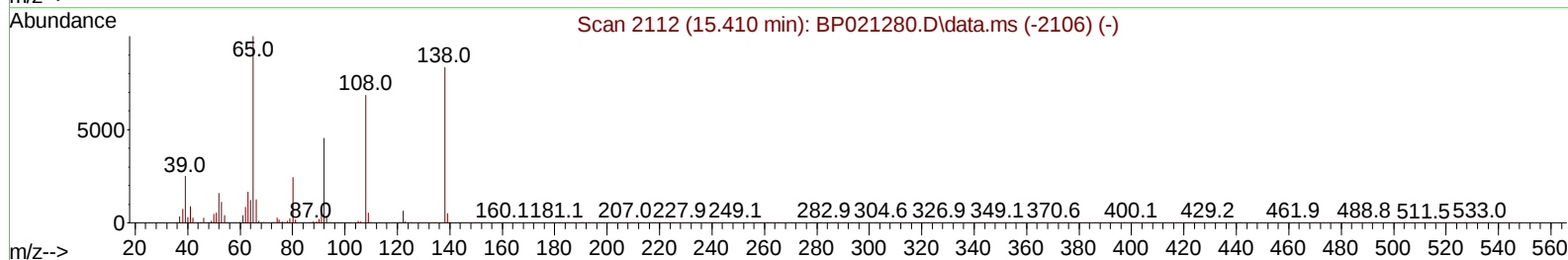
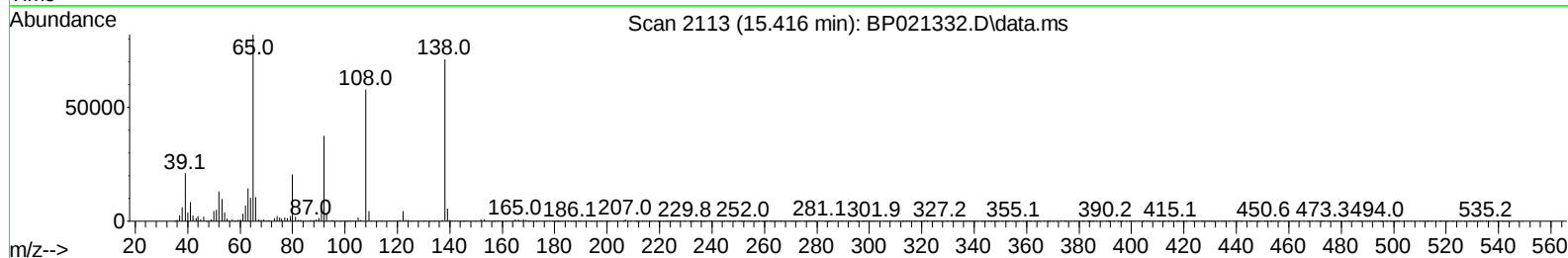
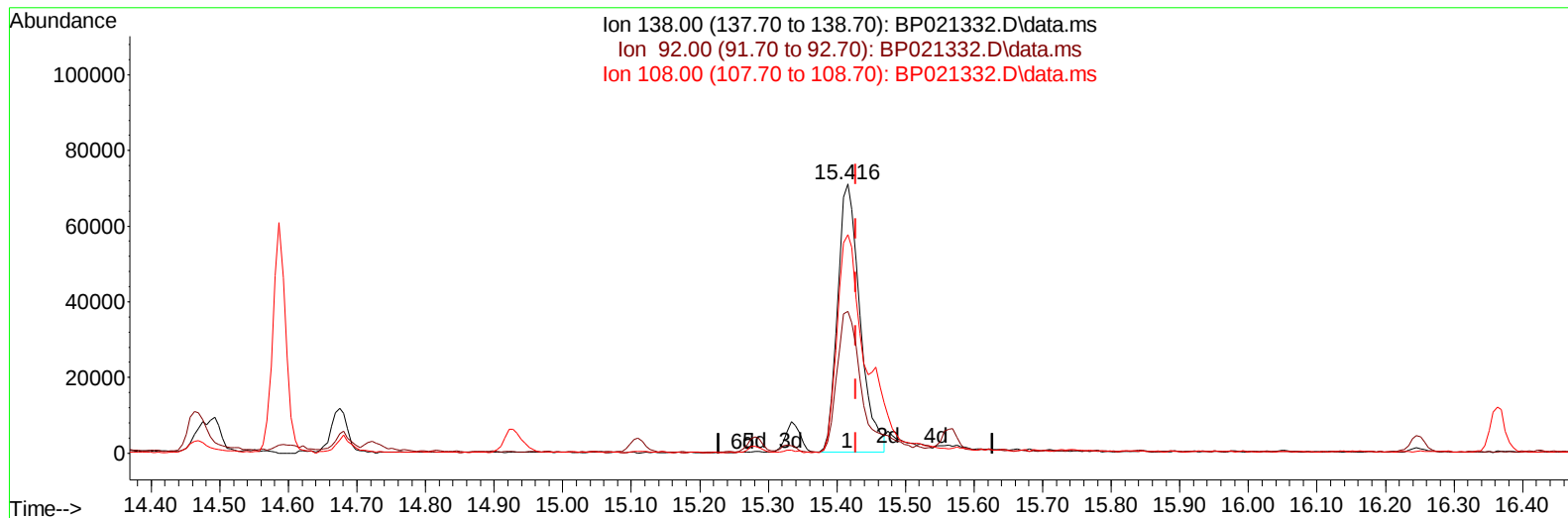
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021332.D
Acq On : 02 Aug 2024 23:12
Operator : CG/JU
Sample : P3263-21MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLOMS

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:51:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021332.D\data.ms

(63) 4-Nitroaniline

15.416min (-0.012) 36.87 ng/ul

response 160192

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.10	52.82
108.00	80.90	81.15
0.00	0.00	0.00

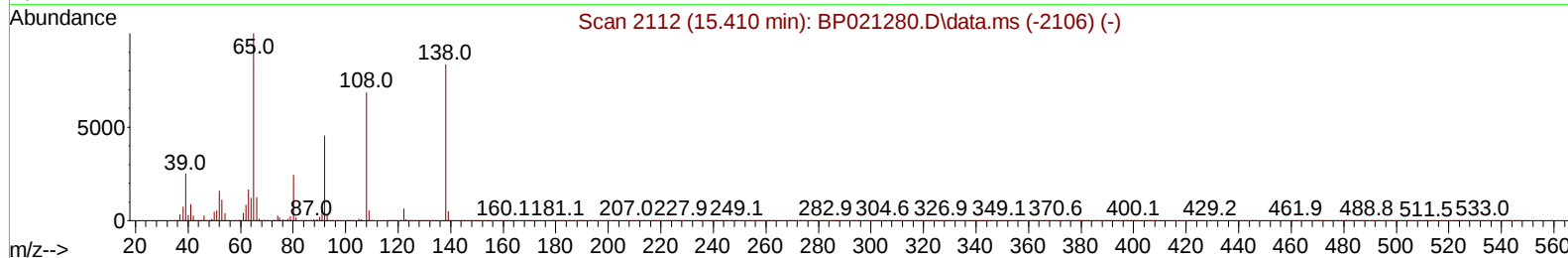
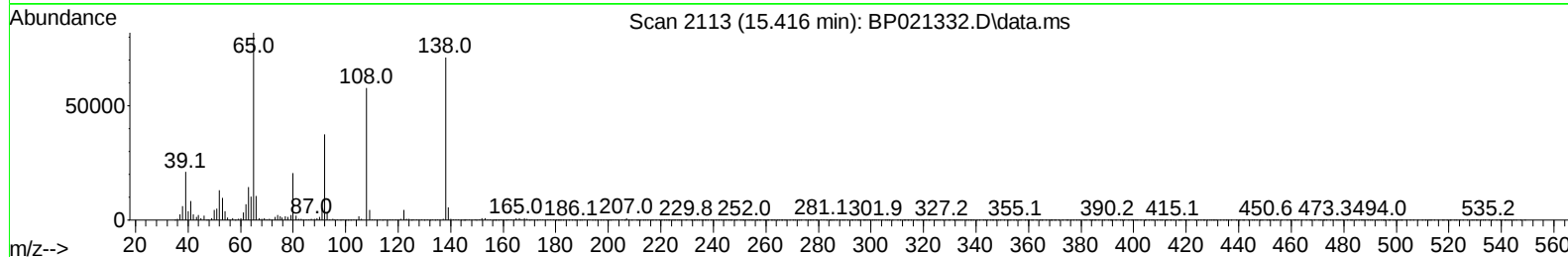
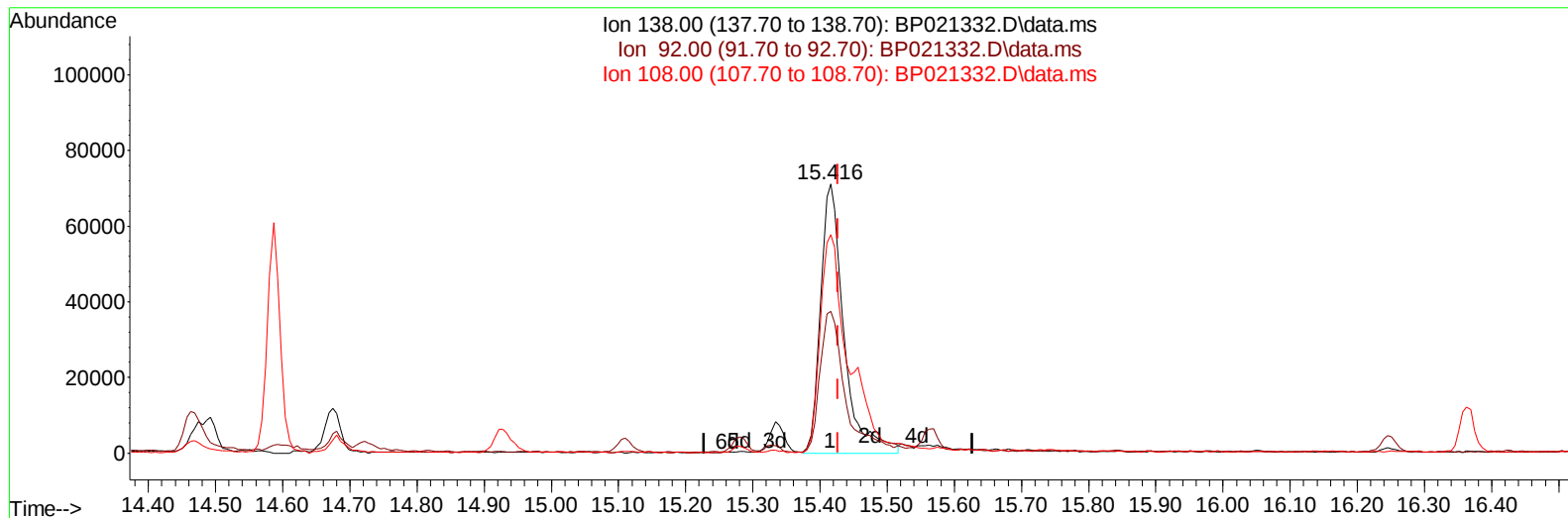
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021332.D
 Acq On : 02 Aug 2024 23:12
 Operator : CG/JU
 Sample : P3263-21MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CLOMS

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:51:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024



TIC: BP021332.D\data.ms

(63) 4-Nitroaniline

15.416min (-0.012) 39.44 ng/ul m

response 171336

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.10	52.82
108.00	80.90	81.15
0.00	0.00	0.00

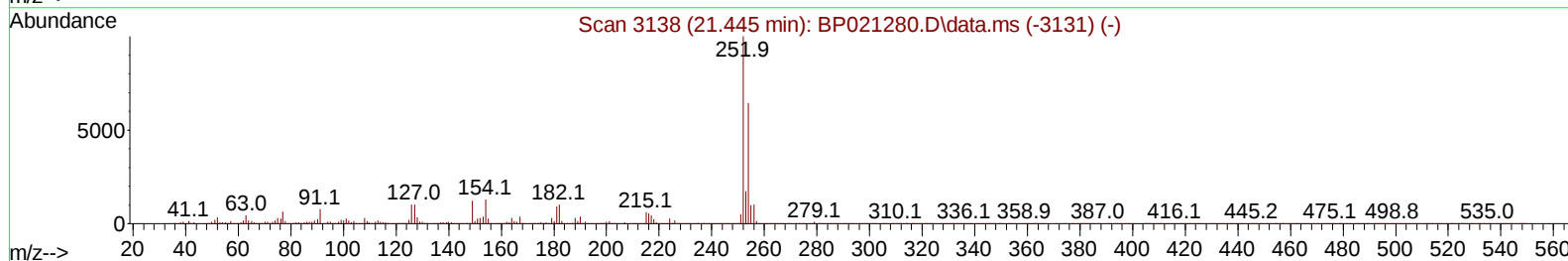
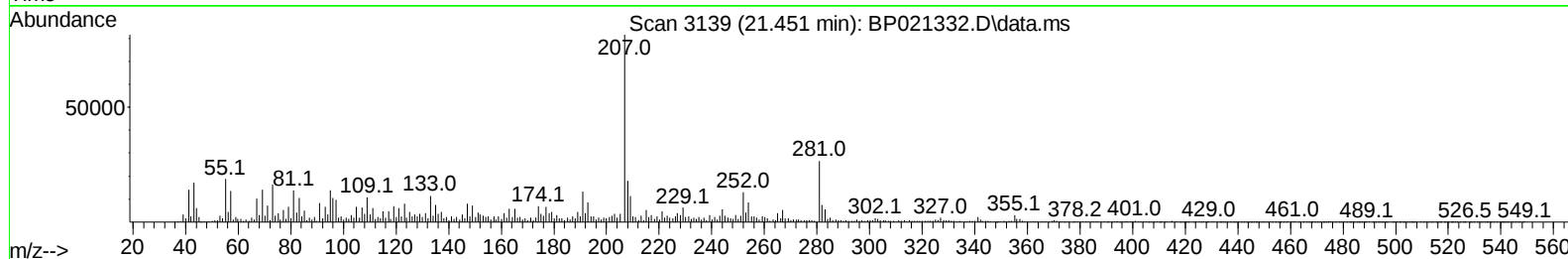
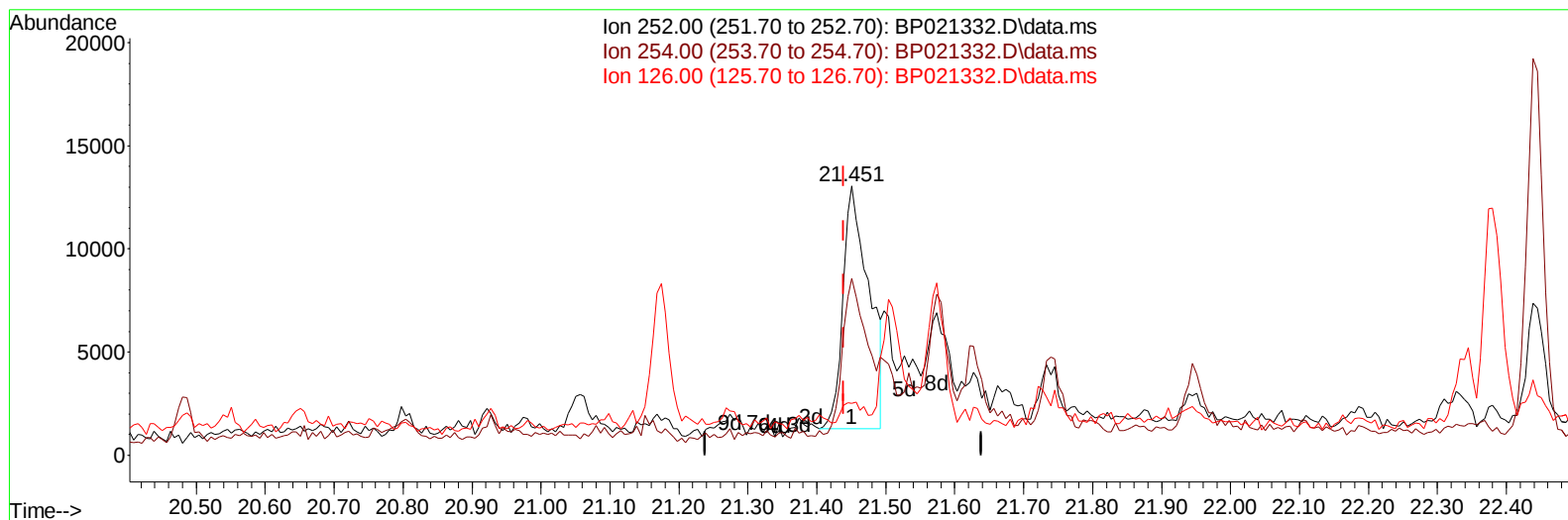
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021332.D
Acq On : 02 Aug 2024 23:12
Operator : CG/JU
Sample : P3263-21MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLOMS

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:51:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021332.D\data.ms

(84) 3,3'-Dichlorobenzidine

21.451min (+ 0.012) 1.34 ng/ul

response 30667

Ion	Exp%	Act%
252.00	100.00	100.00
254.00	64.40	65.61
126.00	10.00	19.20#
0.00	0.00	0.00

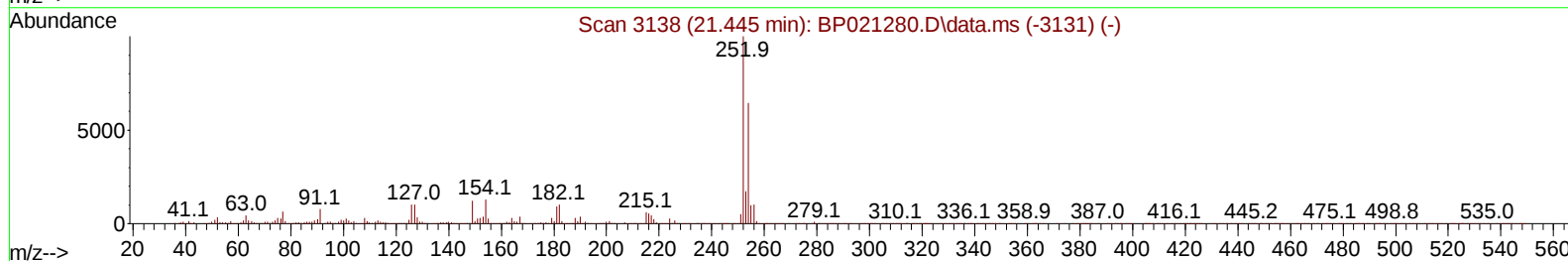
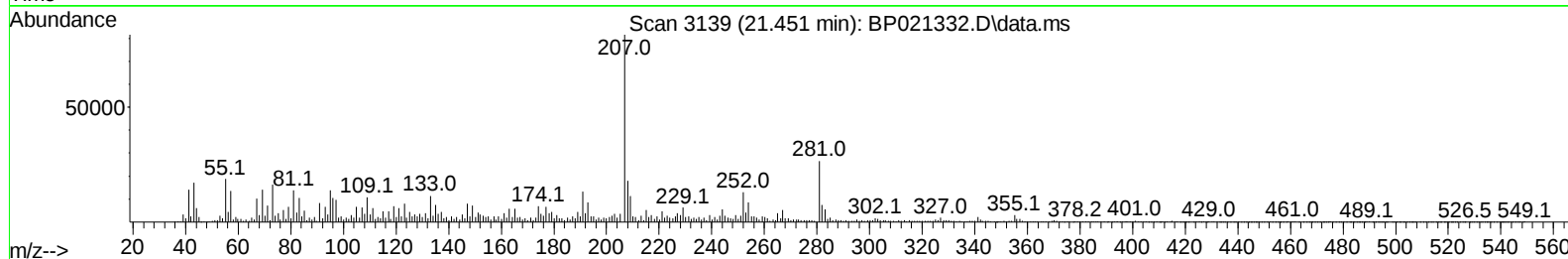
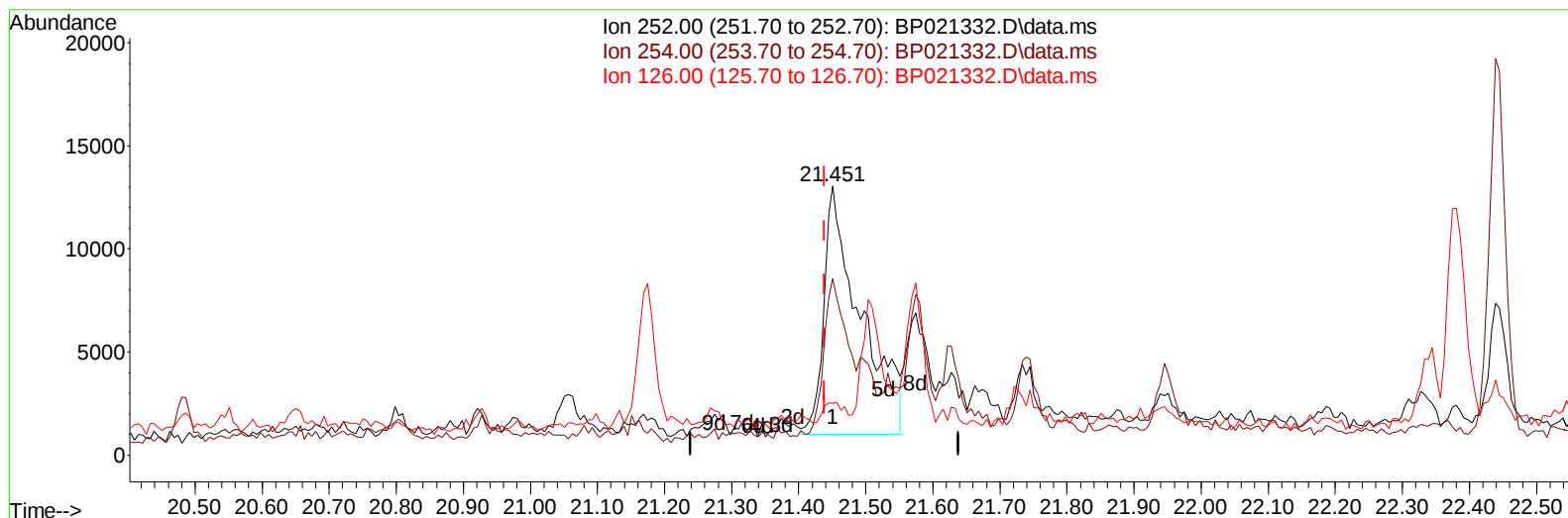
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021332.D
Acq On : 02 Aug 2024 23:12
Operator : CG/JU
Sample : P3263-21MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLOMS

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:51:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021332.D\data.ms

(84) 3,3'-Dichlorobenzidine

21.451min (+ 0.012) 2.00 ng/ul m

response 45609

Ion	Exp%	Act%
252.00	100.00	100.00
254.00	64.40	65.61
126.00	10.00	19.20#
0.00	0.00	0.00

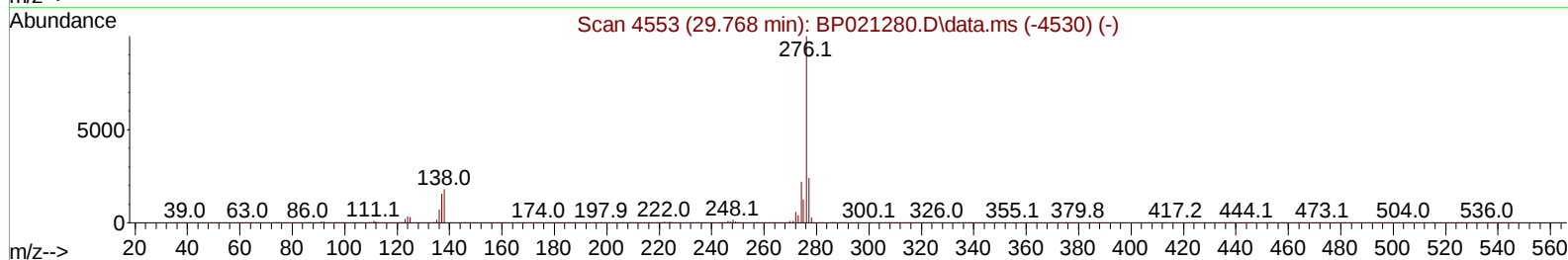
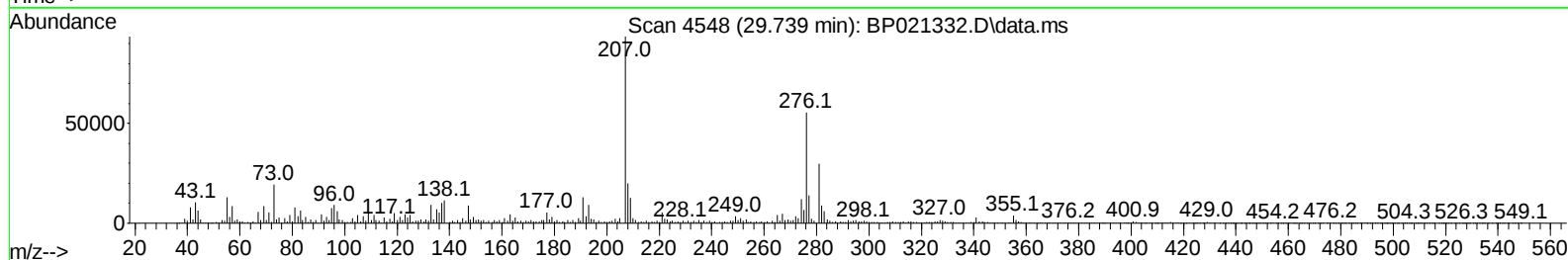
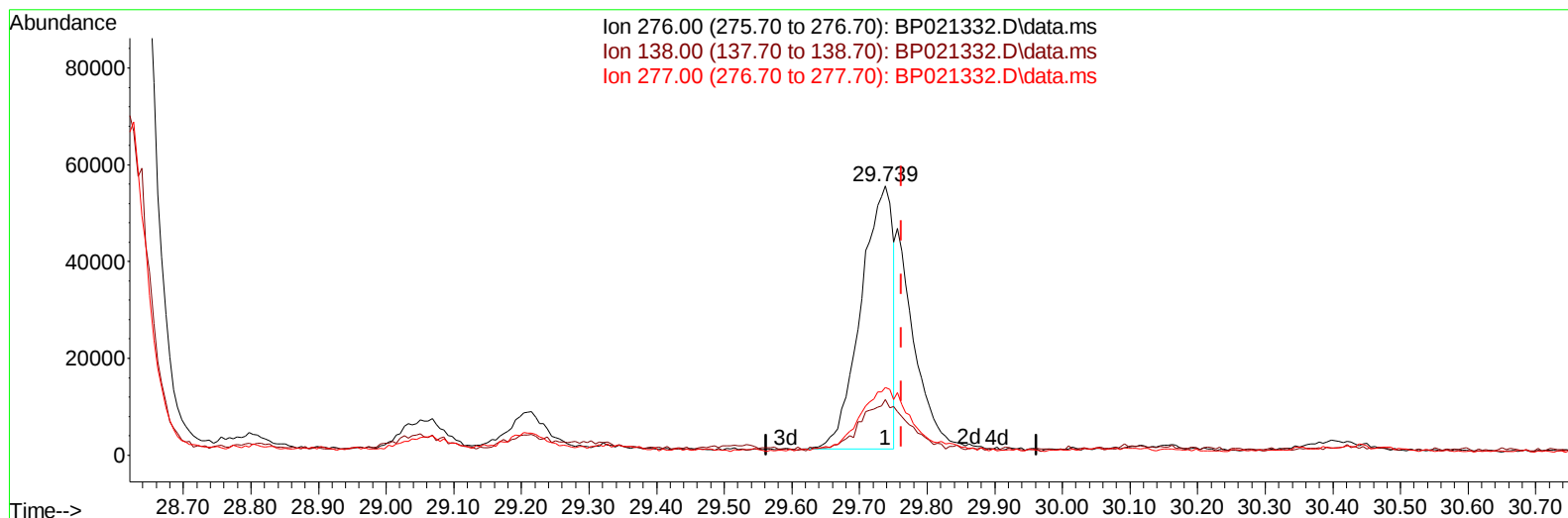
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021332.D
Acq On : 02 Aug 2024 23:12
Operator : CG/JU
Sample : P3263-21MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLOMS

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:51:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021332.D\data.ms

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

29.739min (-0.023) 2.46 ng/u1

response 177806

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	20.57
277.00	22.70	25.19
0.00	0.00	0.00

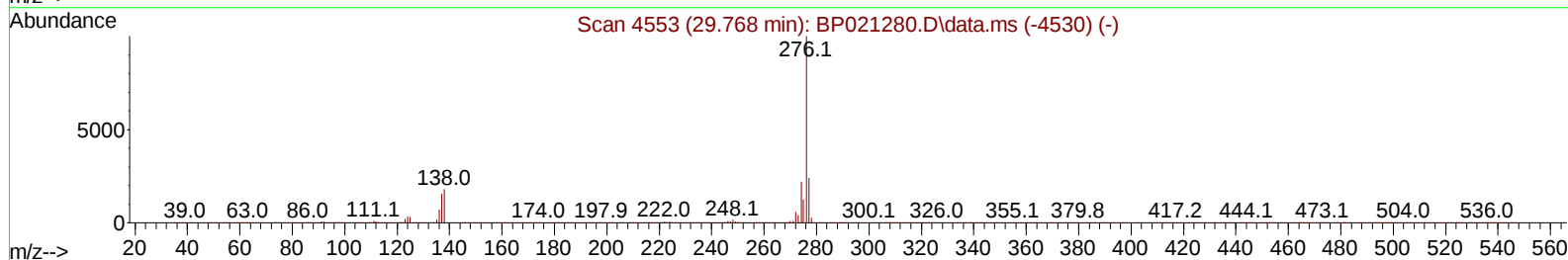
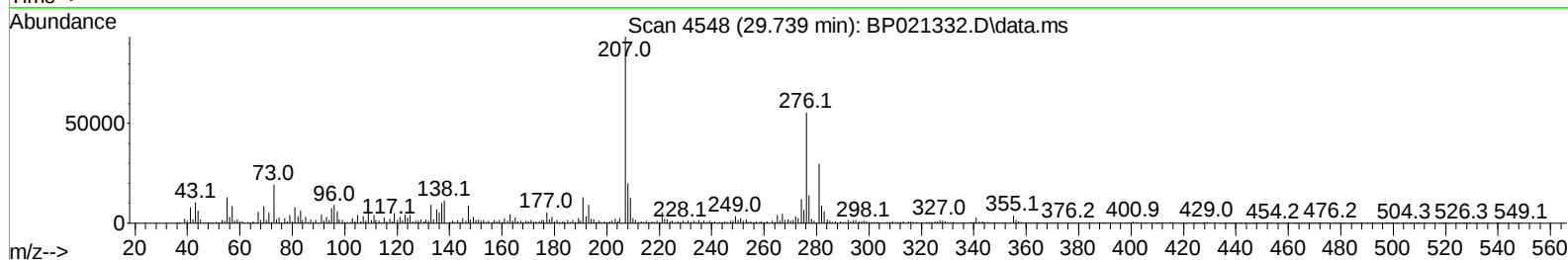
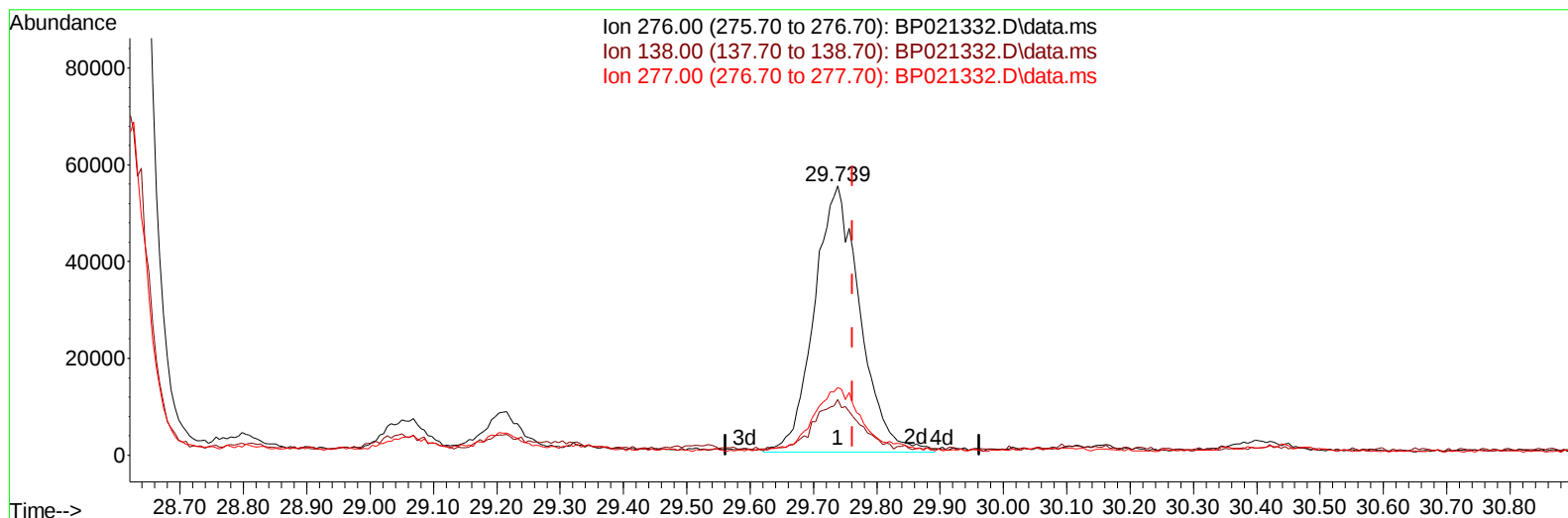
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021332.D
Acq On : 02 Aug 2024 23:12
Operator : CG/JU
Sample : P3263-21MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CLOMS

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:51:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021332.D\data.ms

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

29.739min (-0.023) 3.81 ng/ul m

response 275411

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	20.57
277.00	22.70	25.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021332.D
 Acq On : 02 Aug 2024 23:12
 Operator : CG/JU
 Sample : P3263-21MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CLOMS

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:52:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	169081	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.387	136	645532	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	408793	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	911347	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	998991	20.000	ng/ul	0.00
88) Perylene-d12	24.815	264	1201196	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	15260	4.107	ng/uL	-0.01
4) Pyridine-d5	3.593	84	41468	3.855	ng/ul	0.00
7) Phenol-d5	6.840	99	319759	23.197	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	195657	23.421	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.175	132	275347	24.244	ng/ul	0.00
15) 4-Methylphenol-d8	8.357	113	244091	21.320	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	128504	25.629	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.487	143	149534	26.057	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.051	165	264023	25.443	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	146789	10.678	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	727688	24.487	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	862710	25.854	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.586	143	150768	35.658	ng/ul	0.00
60) Fluorene-d10	15.281	176	667469	27.378	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	125850	22.823	ng/ul	0.00
73) Anthracene-d10	17.186	188	1043371	25.777	ng/ul	0.00
81) Pyrene-d10	19.569	212	1234792	19.993	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.586	264	1074760	18.142	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	46763	11.443	ng/uL	98
5) Pyridine	3.605	79	158315	14.269	ng/ul	97
6) Benzaldehyde	6.799	77	215628	31.028	ng/ul	99
8) Phenol	6.869	94	409183	29.335	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.063	93	317581	27.561	ng/ul	99
12) 2-Chlorophenol	7.204	128	337349	29.636	ng/ul	98
13) 2-Methylphenol	8.087	108	297266	27.556	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	458736	27.556	ng/ul#	96
16) Acetophenone	8.446	105	496283	28.086	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.422	70	240712	25.999	ng/ul	99
18) 4-Methylphenol	8.416	108	322329	27.890	ng/ul	94
19) Hexachloroethane	8.669	117	113414	22.172	ng/ul	97
22) Nitrobenzene	8.822	77	368202	30.656	ng/ul	99
23) Isophorone	9.340	82	671469	28.121	ng/ul	98
25) 2-Nitrophenol	9.522	139	187689	31.359	ng/ul	99
26) 2,4-Dimethylphenol	9.598	107	255963	21.688	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.810	93	400610	27.602	ng/ul	100
29) 2,4-Dichlorophenol	10.075	162	317342	31.030	ng/ul	98
30) Naphthalene	10.440	128	1050690	30.943	ng/ul	99
32) 4-Chloroaniline	10.581	127	193811	14.764	ng/ul	100
33) Hexachlorobutadiene	10.687	225	227312	29.644	ng/ul	99
34) Caprolactam	11.392	113	100735m	31.975	ng/ul	
35) 4-Chloro-3-methylphenol	11.728	107	338056	30.411	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021332.D
 Acq On : 02 Aug 2024 23:12
 Operator : CG/JU
 Sample : P3263-21MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CLOMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 02 23:52:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.051	142	688332	29.532	ng/ul	99
37) 1-Methylnaphthalene	12.275	142	713773	29.775	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.422	216	401793	30.265	ng/ul	99
40) Hexachlorocyclopentadiene	12.381	237	52737	7.594	ng/ul	97
41) 2,4,6-Trichlorophenol	12.698	196	255479	30.455	ng/ul	97
42) 2,4,5-Trichlorophenol	12.792	196	283436	31.934	ng/ul	99
43) 1,1'-Biphenyl	13.081	154	893794	29.918	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	716236	30.031	ng/ul	99
45) 2-Nitroaniline	13.375	65	226629	34.361	ng/ul	96
47) Dimethylphthalate	13.722	163	884860	29.346	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	185774	30.816	ng/ul	99
50) Acenaphthylene	13.986	152	1174686	31.093	ng/ul	100
51) 3-Nitroaniline	14.222	138	157882	30.096	ng/ul	99
52) Acenaphthene	14.328	153	779654	31.092	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	93718	29.603	ng/ul	99
55) 4-Nitrophenol	14.592	109	128872	37.470	ng/ul	85
56) Dibenzofuran	14.675	168	1101578	32.080	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	283220	34.224	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.928	232	232486	30.589	ng/ul	98
59) Diethylphthalate	15.110	149	877751	29.128	ng/ul	99
61) Fluorene	15.339	166	910463	32.492	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	445386	29.292	ng/ul	99
63) 4-Nitroaniline	15.416	138	171336m	39.439	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	164535	28.137	ng/ul	99
67) N-Nitrosodiphenylamine	15.563	169	756194	28.494	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	299306	28.020	ng/ul	97
69) Hexachlorobenzene	16.363	284	281258	22.964	ng/ul	99
70) Atrazine	16.551	200	221656	22.917	ng/ul	98
71) Pentachlorophenol	16.745	266	190067	28.572	ng/ul	96
72) Phenanthrene	17.133	178	2095491	44.324	ng/ul	100
74) Anthracene	17.222	178	1565492	32.481	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.045	216	381745	26.171	ng/uL	99
76) Pentachlorobenzene	14.586	250	366505	25.286	ng/uL	99
77) Carbazole	17.527	167	1371884	34.820	ng/ul	99
78) Di-n-butylphthalate	18.080	149	1674125	30.798	ng/ul	99
80) Fluoranthene	19.221	202	3156637	42.322	ng/ul	99
82) Pyrene	19.598	202	2638285	34.761	ng/ul	99
83) Butylbenzylphthalate	20.545	149	863603	27.310	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	45609m	1.998	ng/ul	
85) Benzo(a)anthracene	21.510	228	2854236	40.787	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	1304853	28.673	ng/ul	99
87) Chrysene	21.574	228	2657012	40.861	ng/ul	98
89) Di-n-octyl phthalate	22.657	149	2207170	27.815	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	3206570	43.989	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	2567229	35.290	ng/ul	98
93) Benzo(a)pyrene	24.656	252	1453577	21.102	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.574	276	2469426	27.820	ng/ul	99
95) Dibenzo(a,h)anthracene	28.627	278	2364648	32.170	ng/ul	99
96) Benzo(g,h,i)perylene	29.739	276	275411m	3.810	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

A4CL0MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/03/2024

Supervised By :mohammad ahmed 08/05/2024

