

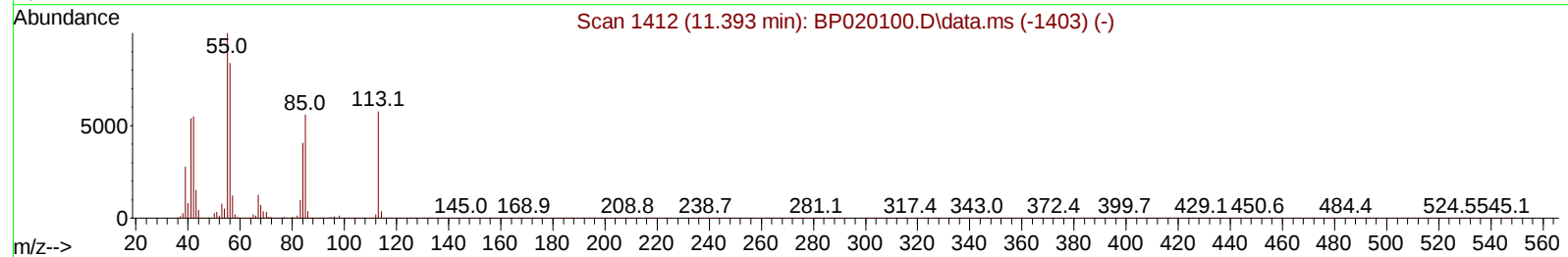
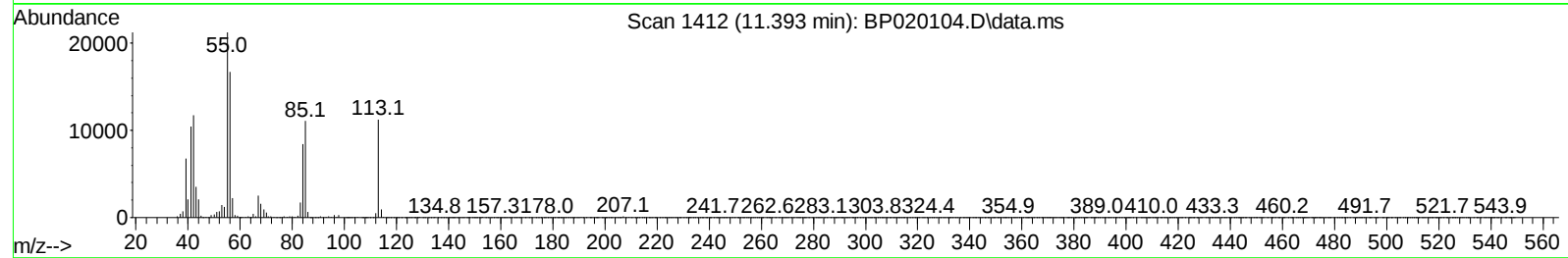
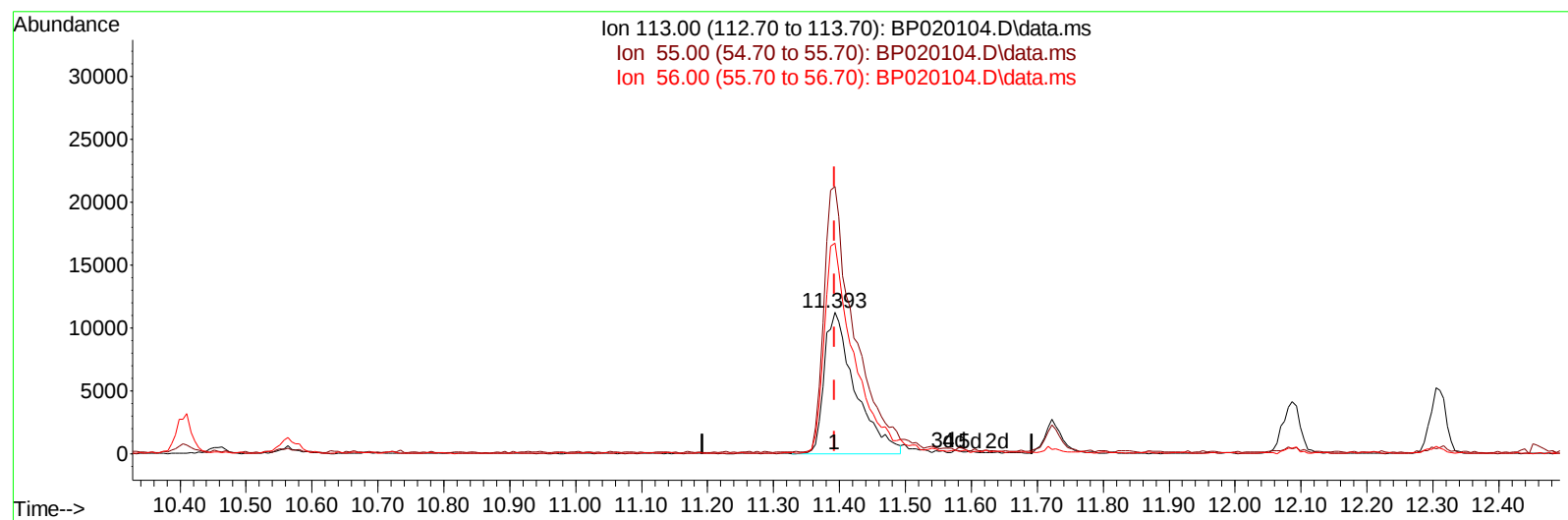
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020104.D
Acq On : 23 Apr 2024 15:53
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV622

Manual IntegrationsAPPROVED

Quant Time: Apr 24 01:07:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 24 00:55:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BP020104.D\data.ms

(34) Caprolactam

11.393min (+ 0.000) 22.11 ng/ul

response 36444

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	188.80
56.00	145.30	148.76
0.00	0.00	0.00

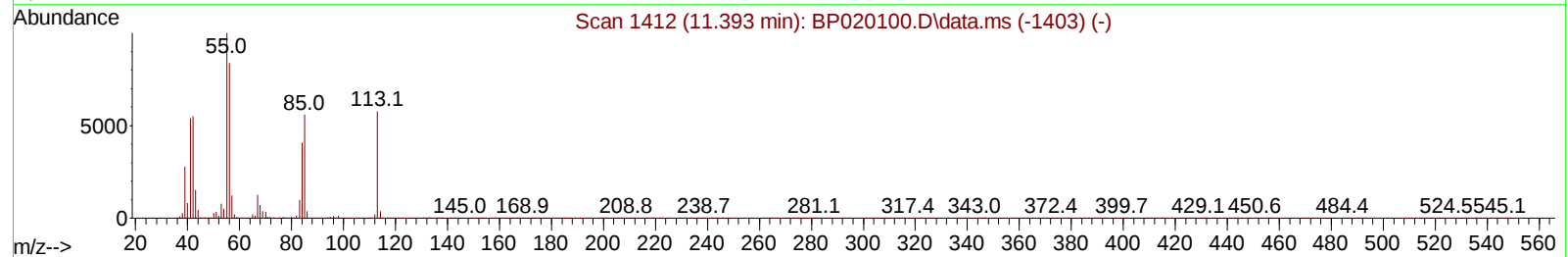
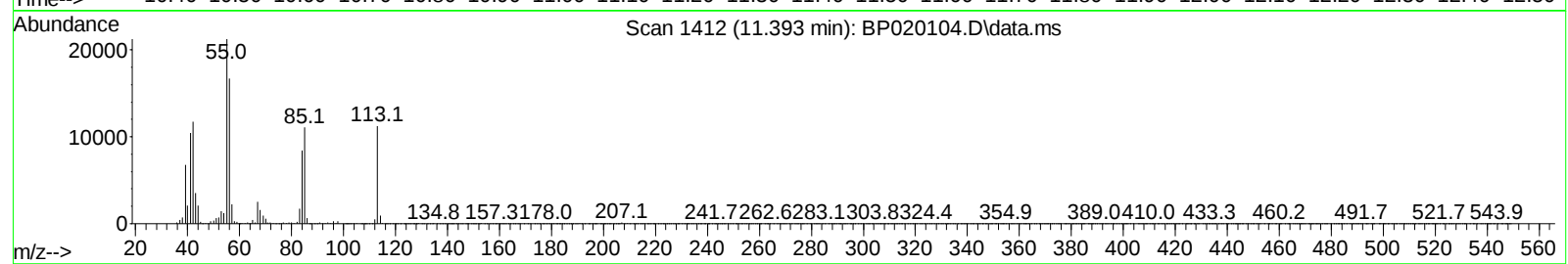
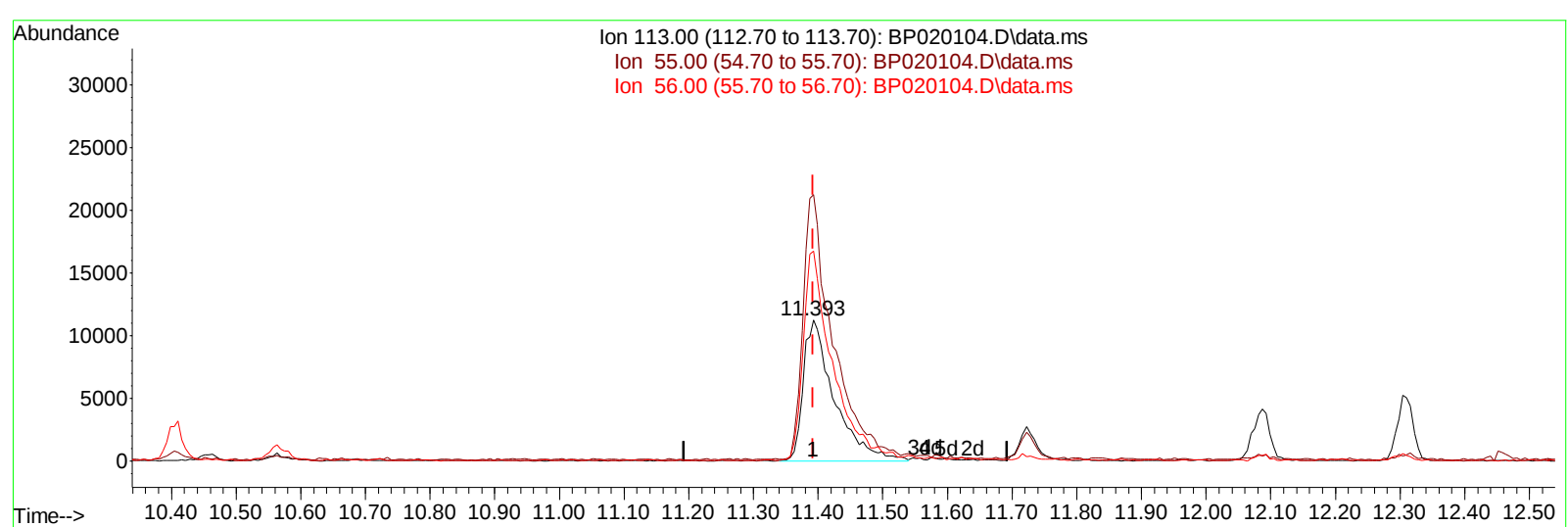
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020104.D
Acq On : 23 Apr 2024 15:53
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV622

Manual IntegrationsAPPROVED

Quant Time: Apr 24 01:07:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 24 00:55:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BP020104.D\data.ms

(34) Caprolactam

11.393min (+ 0.000) 22.72 ng/ul m

response 37451

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	188.80
56.00	145.30	148.76
0.00	0.00	0.00

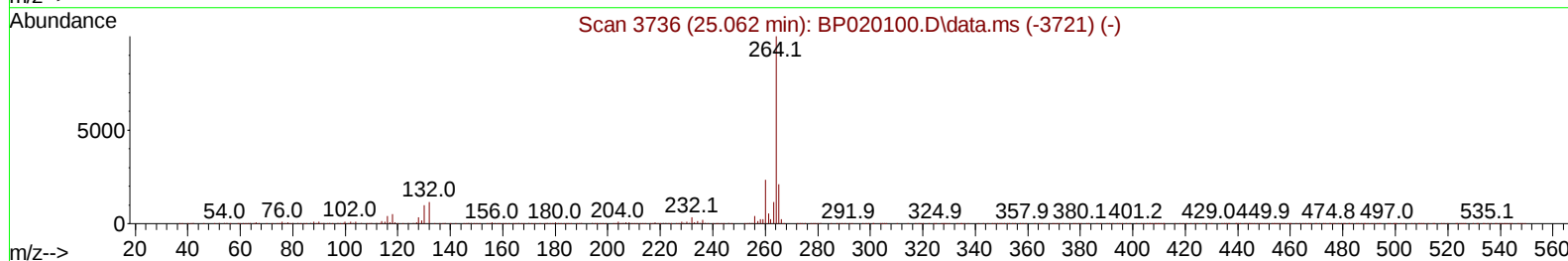
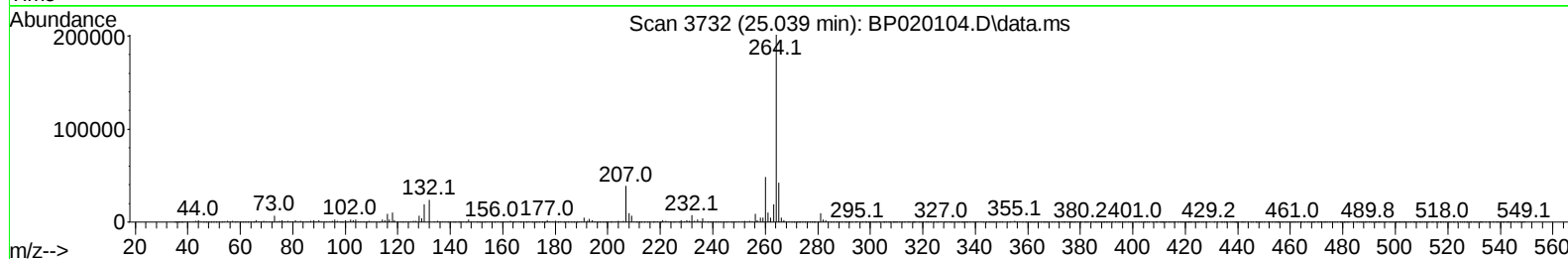
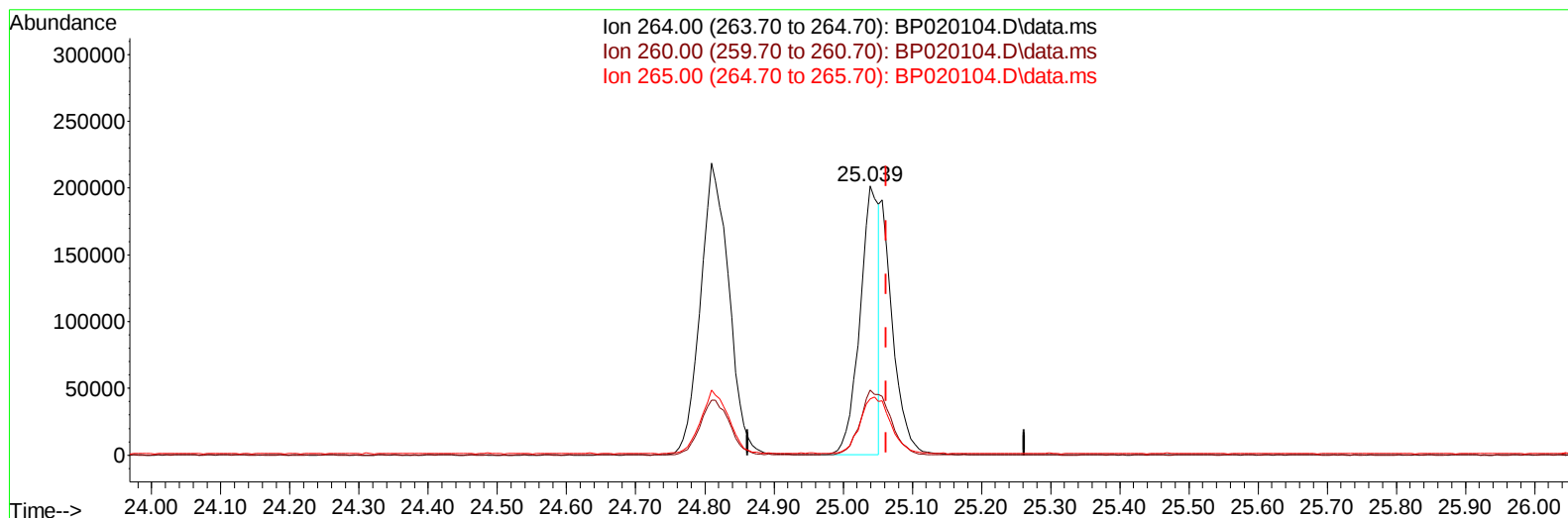
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020104.D
Acq On : 23 Apr 2024 15:53
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV622

Manual IntegrationsAPPROVED

Quant Time: Apr 24 01:07:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 24 00:55:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BP020104.D\data.ms

(88) Perylene-d12 (I)

25.039min (-0.023) 20.00 ng/u1

response 378950

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.40	24.17
265.00	21.40	20.98
0.00	0.00	0.00

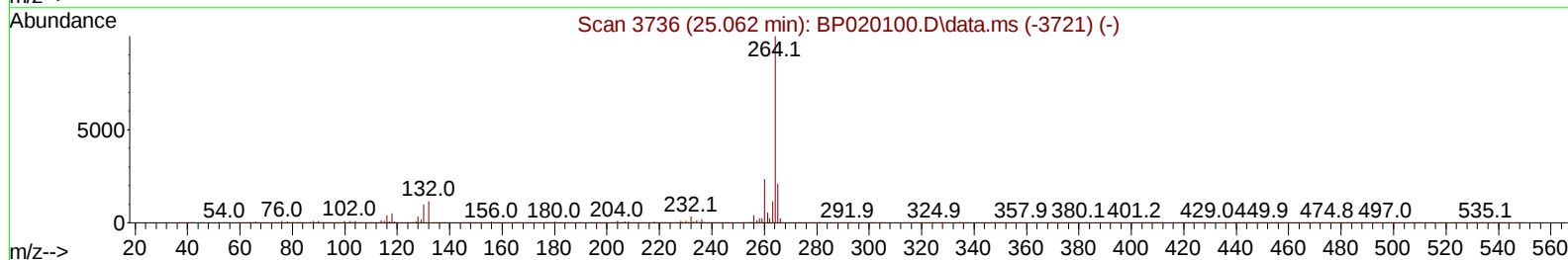
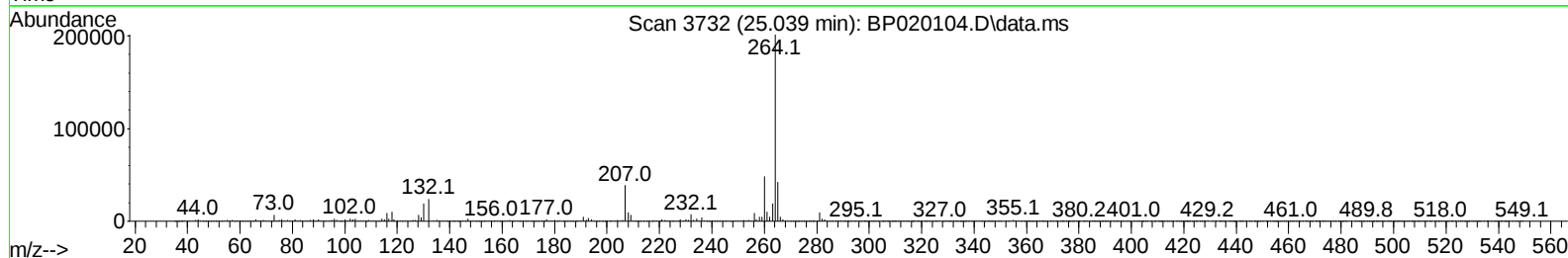
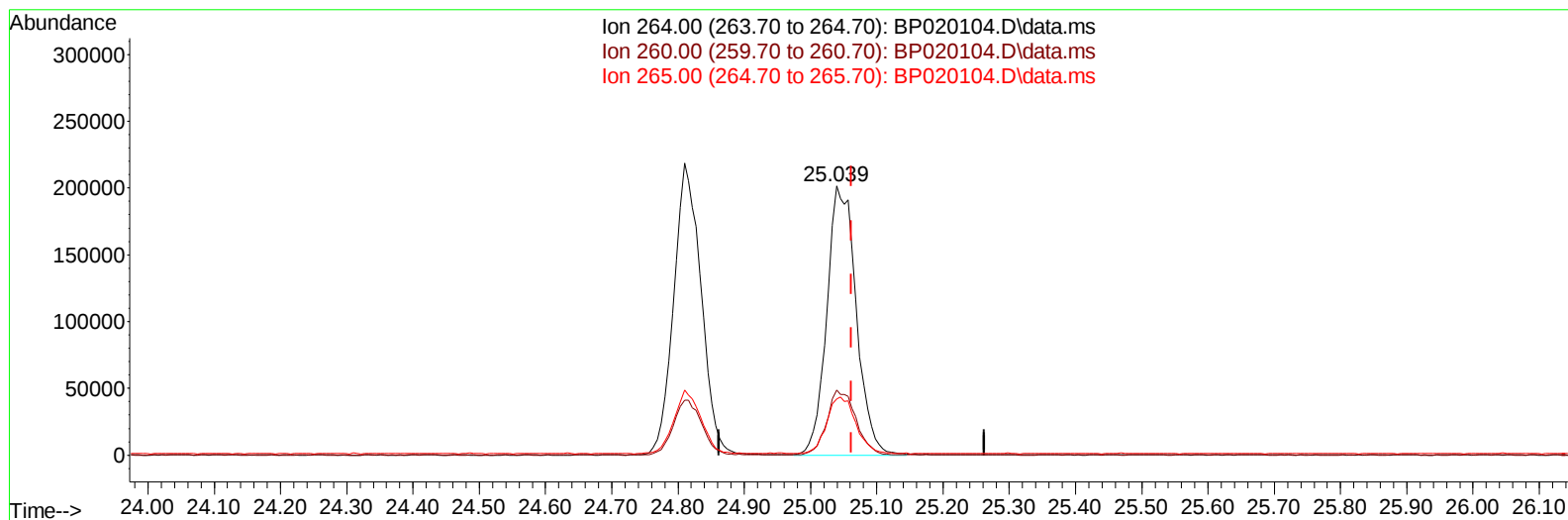
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020104.D
 Acq On : 23 Apr 2024 15:53
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV622

Manual IntegrationsAPPROVED

Quant Time: Apr 24 01:07:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 00:55:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



TIC: BP020104.D\data.ms

(88) Perylene-d12 (I)

25.039min (-0.023) 20.00 ng/ul m

response 619650

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.40	24.17
265.00	21.40	20.98
0.00	0.00	0.00

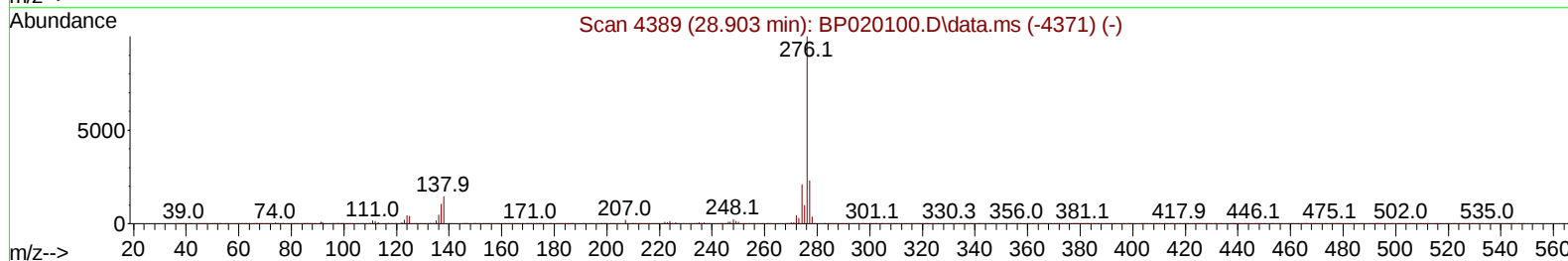
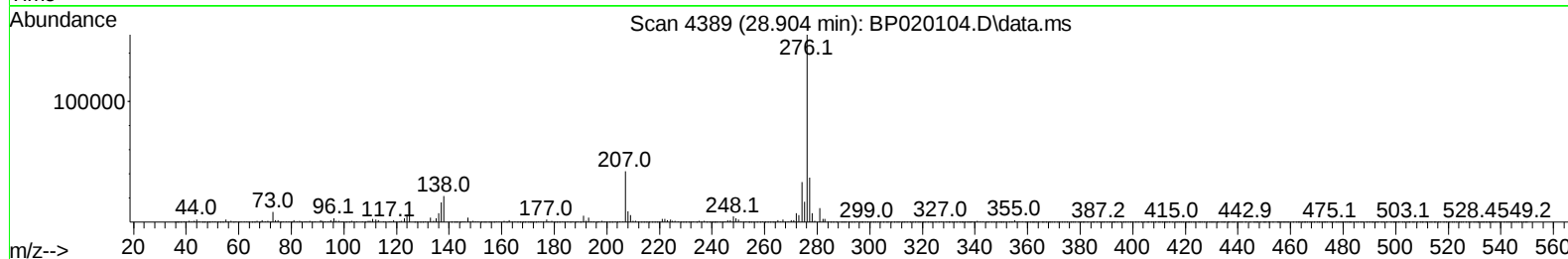
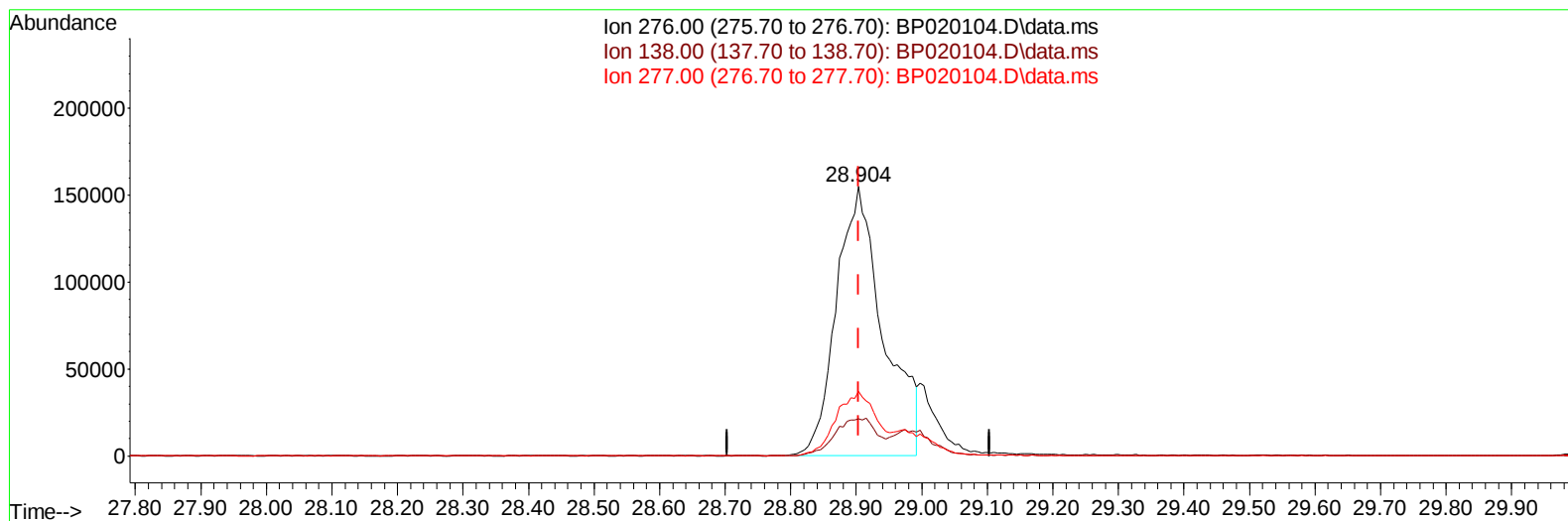
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020104.D
Acq On : 23 Apr 2024 15:53
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV622

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 01:12:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 24 00:55:52 2024
Response via : Initial Calibration



TIC: BP020104.D\data.ms

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

28.904min (+ 0.000) 18.39 ng/u1

response 770552

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.60	13.78
277.00	23.00	23.83
0.00	0.00	0.00

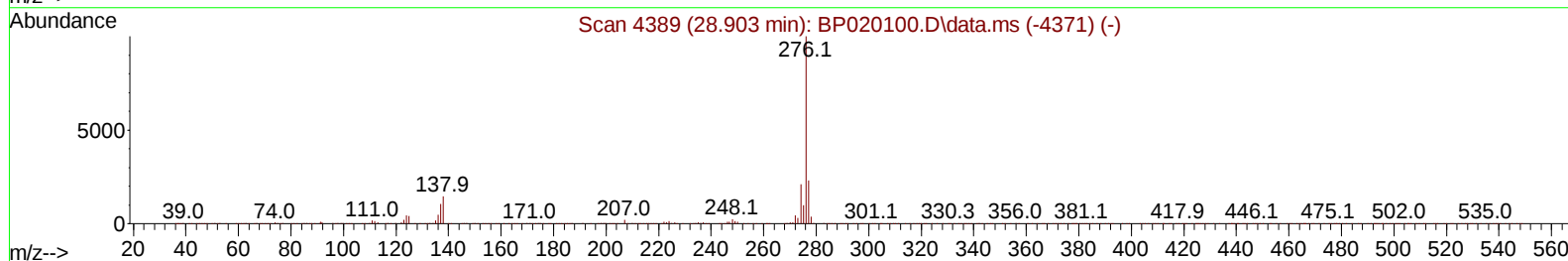
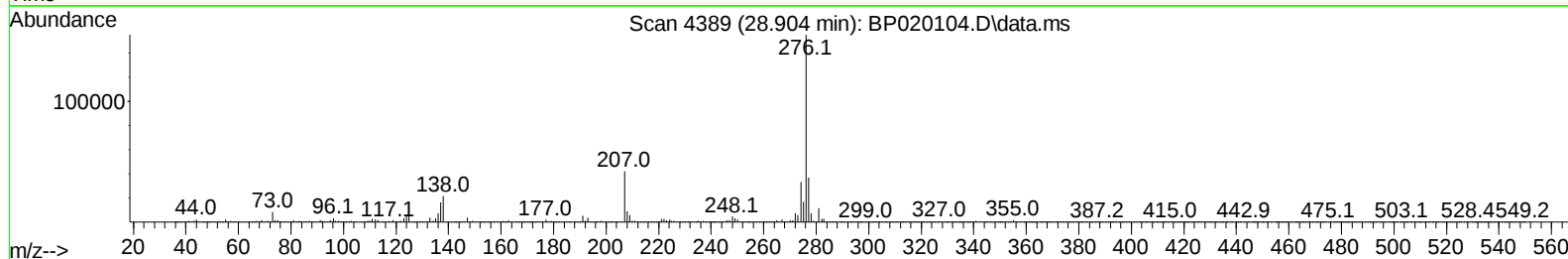
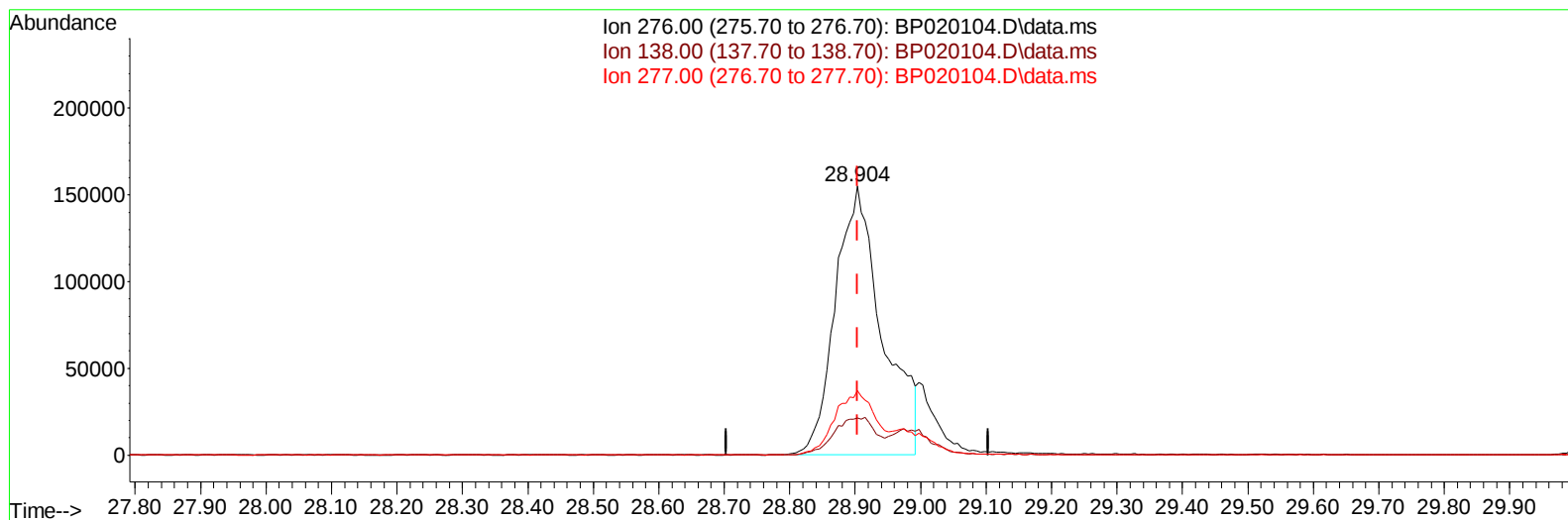
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020104.D
Acq On : 23 Apr 2024 15:53
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV622

Manual IntegrationsAPPROVED

Quant Time: Apr 24 01:12:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 24 00:55:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BP020104.D\data.ms

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

28.904min (+ 0.000) 18.39 ng/u1

response 770552

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.60	13.78
277.00	23.00	23.83
0.00	0.00	0.00

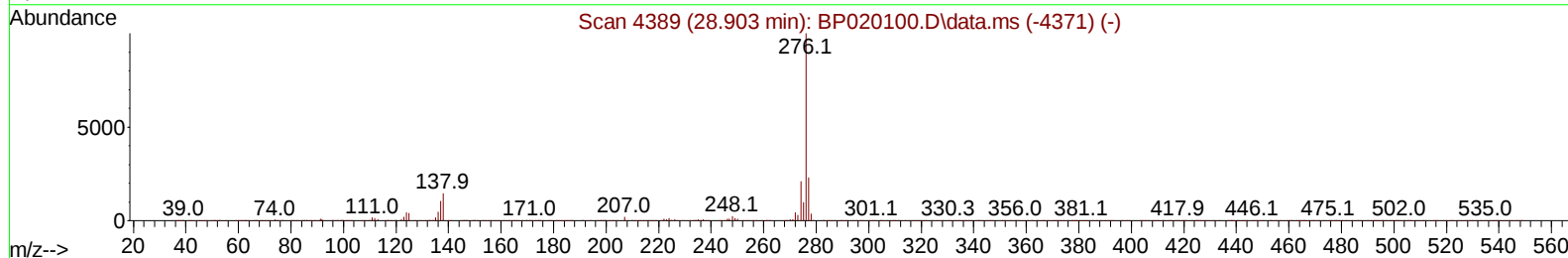
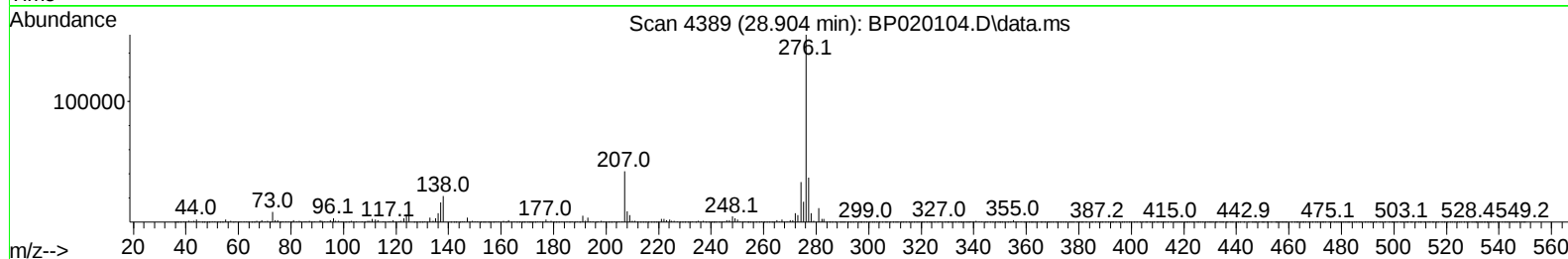
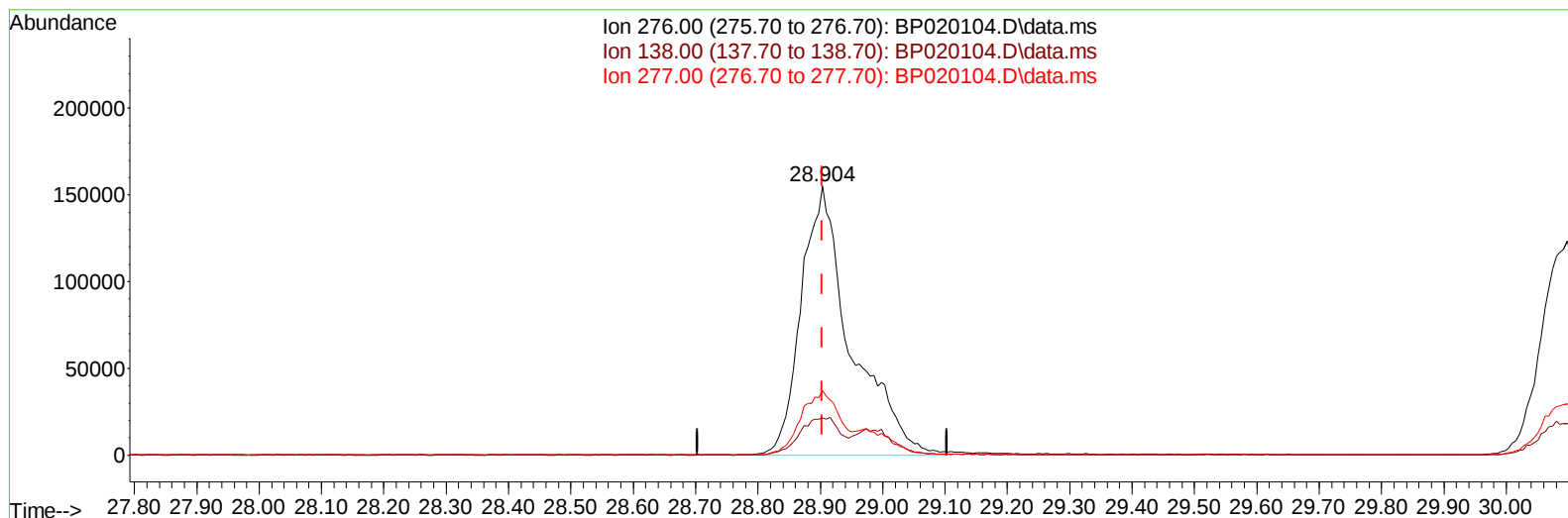
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020104.D
Acq On : 23 Apr 2024 15:53
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV622

Manual IntegrationsAPPROVED

Quant Time: Apr 24 01:12:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 24 00:55:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BP020104.D\data.ms

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

28.904min (+ 0.000) 20.51 ng/ul m

response 859128

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.60	13.78
277.00	23.00	23.83
0.00	0.00	0.00

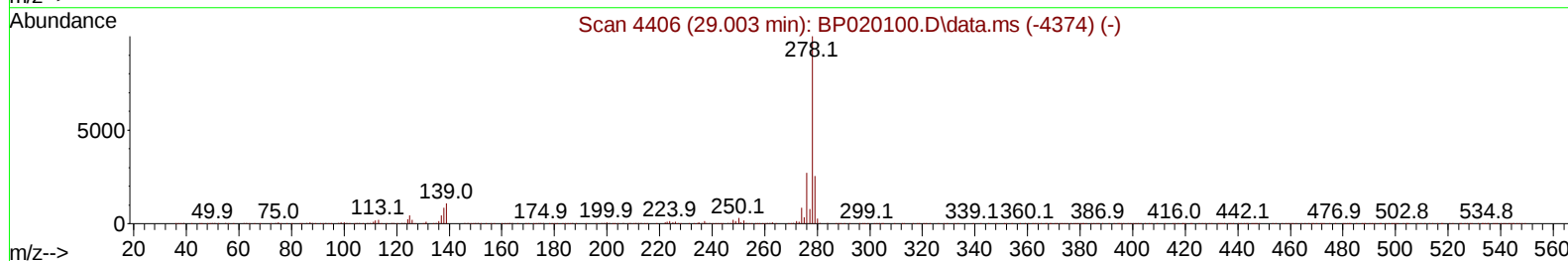
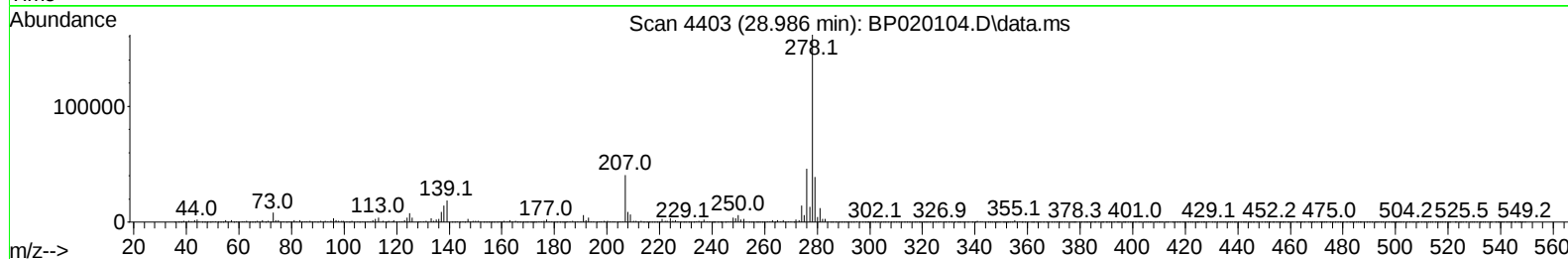
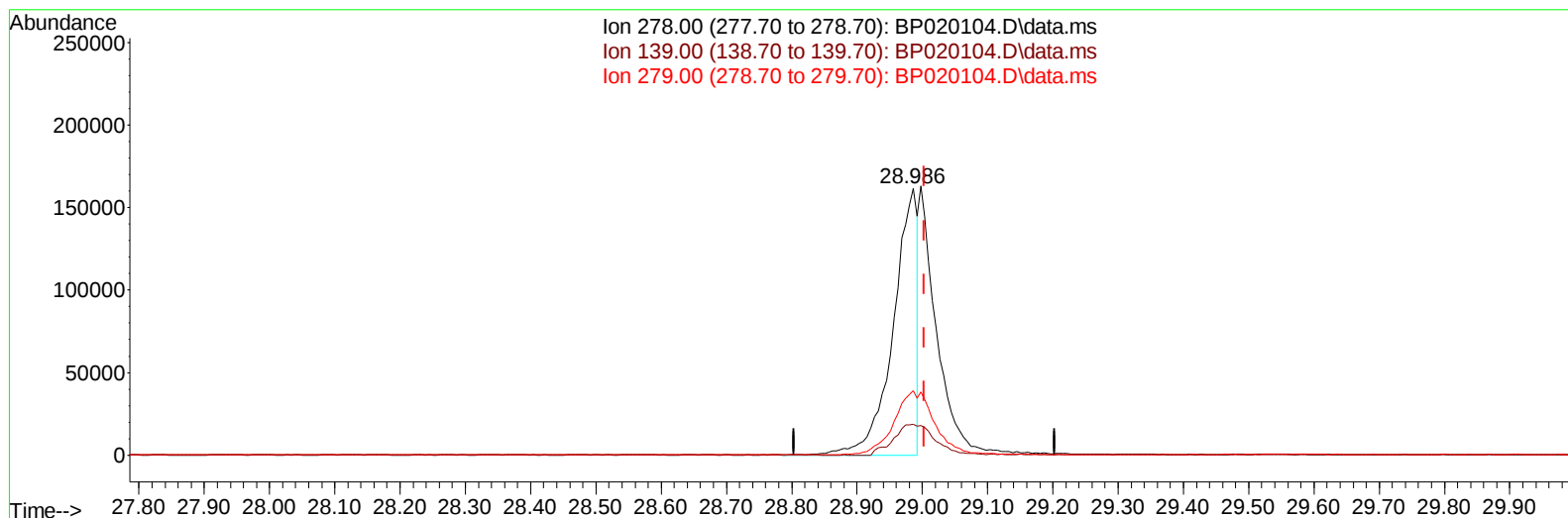
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020104.D
 Acq On : 23 Apr 2024 15:53
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV622

Manual IntegrationsAPPROVED

Quant Time: Apr 24 01:12:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 00:55:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



TIC: BP020104.D\data.ms

(95) Dibenzo(a,h)anthracene

28.986min (-0.018) 12.11 ng/u1

response 417277

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.00	11.61
279.00	25.40	24.12
0.00	0.00	0.00

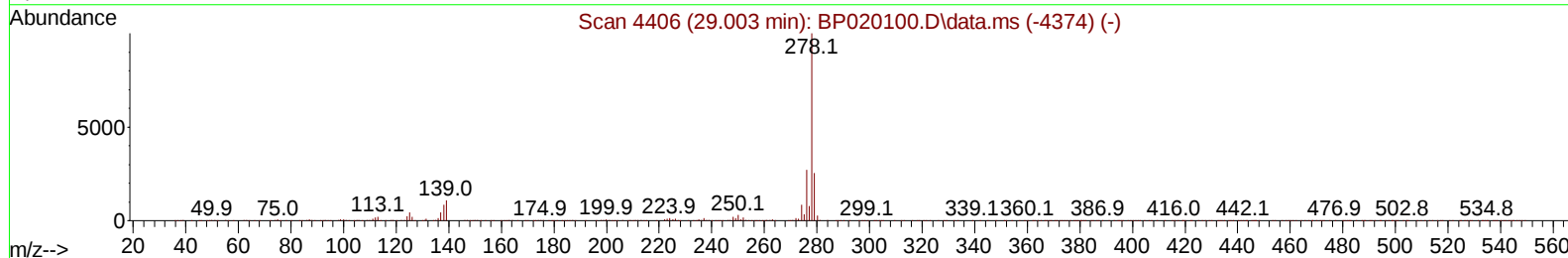
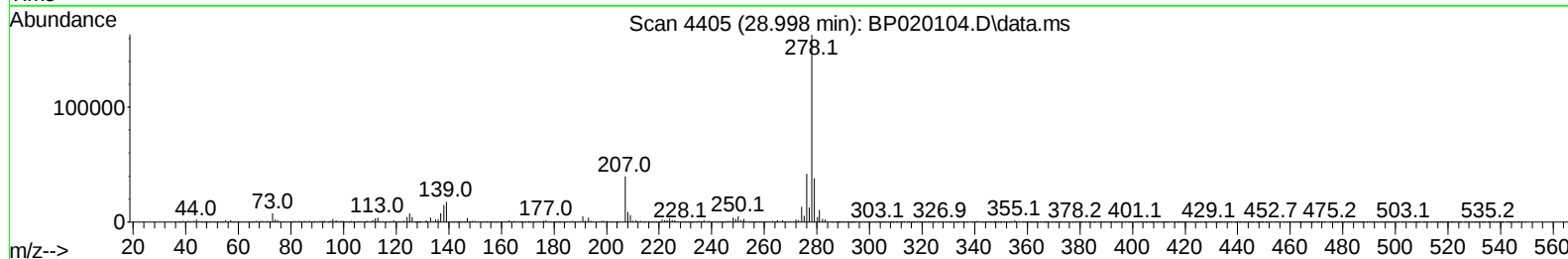
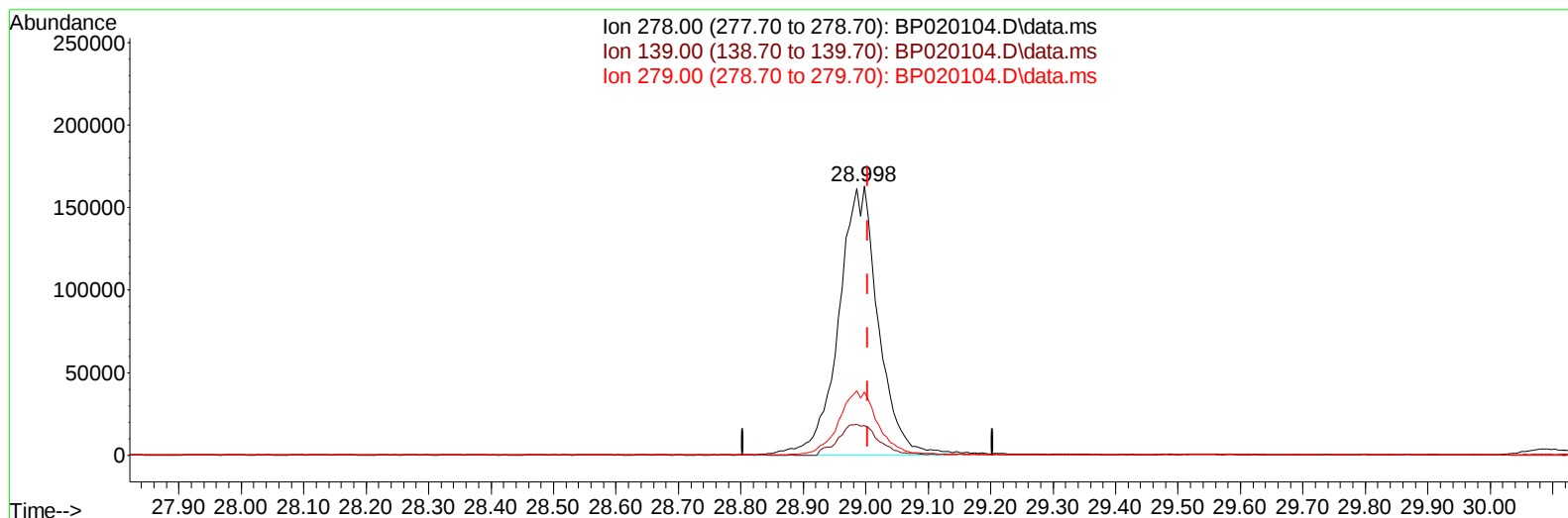
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020104.D
Acq On : 23 Apr 2024 15:53
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV622

Manual IntegrationsAPPROVED

Quant Time: Apr 24 01:12:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 24 00:55:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BP020104.D\data.ms

(95) Dibenzo(a,h)anthracene

28.998min (-0.006) 20.84 ng/ul m

response 717963

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.00	10.98
279.00	25.40	23.55
0.00	0.00	0.00

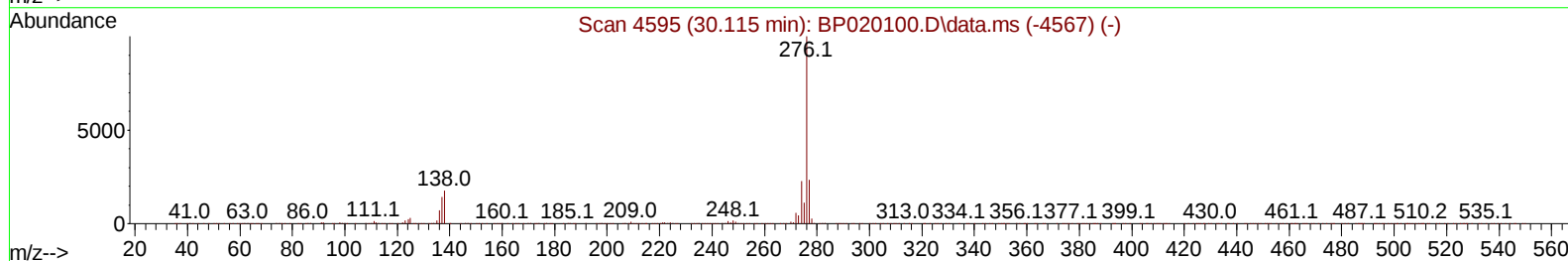
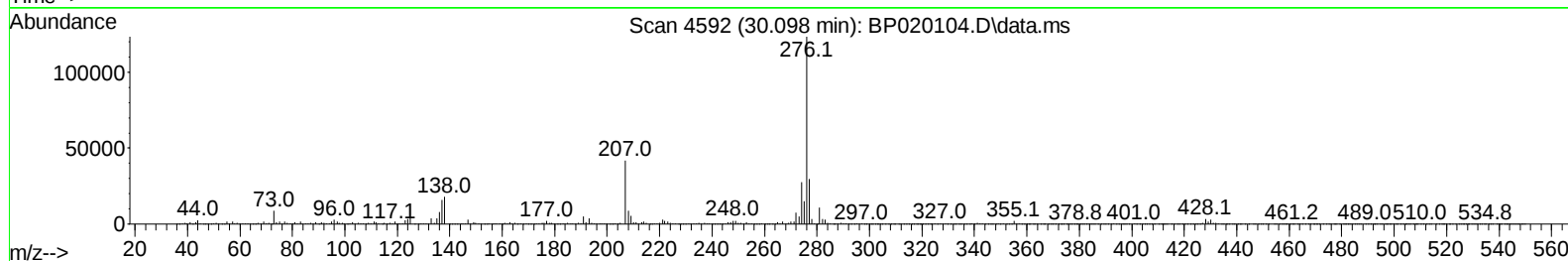
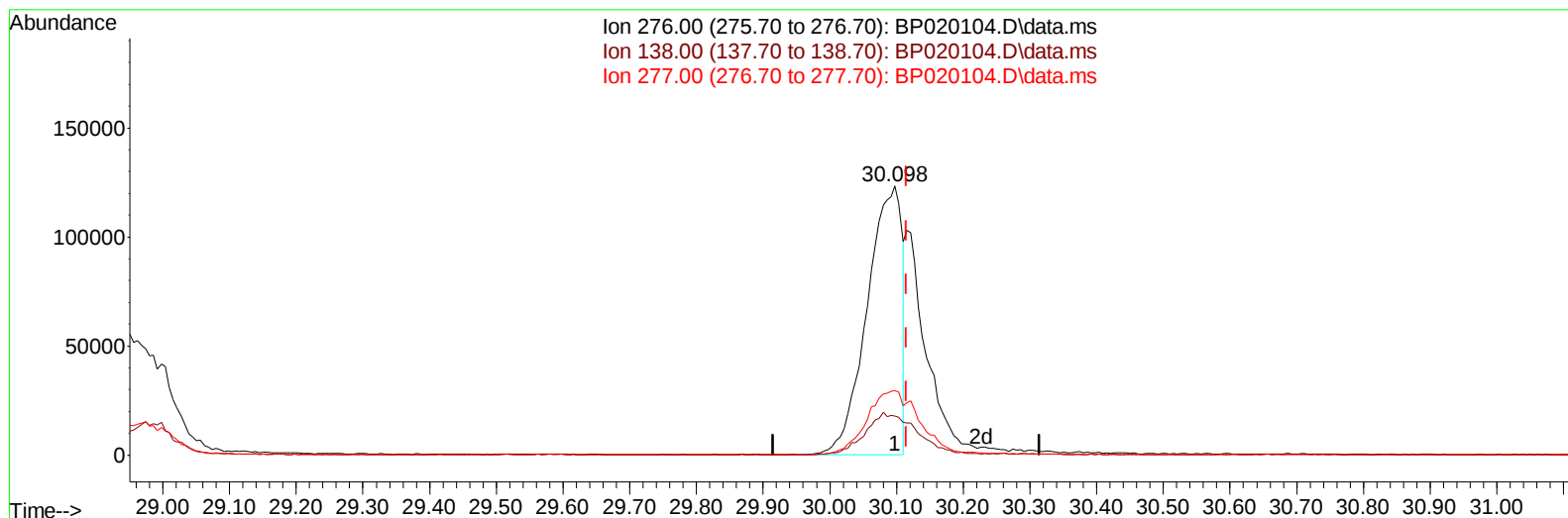
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020104.D
 Acq On : 23 Apr 2024 15:53
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV622

Manual IntegrationsAPPROVED

Quant Time: Apr 24 01:12:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 00:55:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



TIC: BP020104.D\data.ms

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

30.098min (-0.018) 13.36 ng/u1

response 443503

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.80	14.56
277.00	23.40	24.03
0.00	0.00	0.00

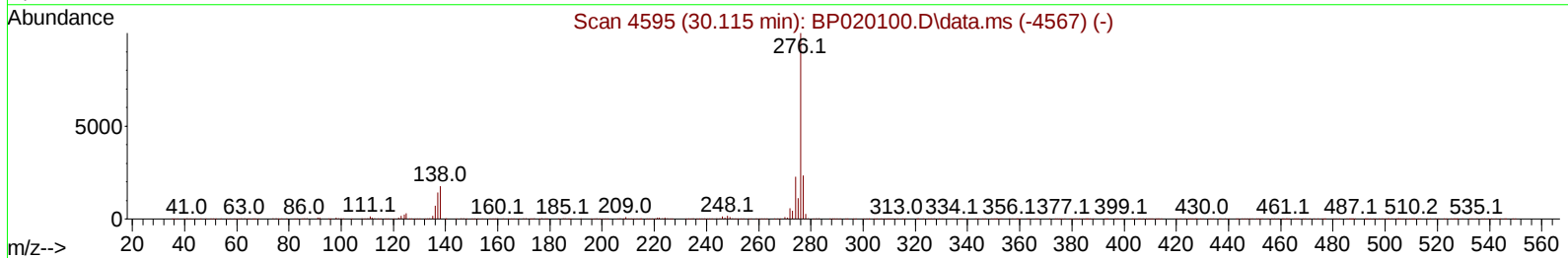
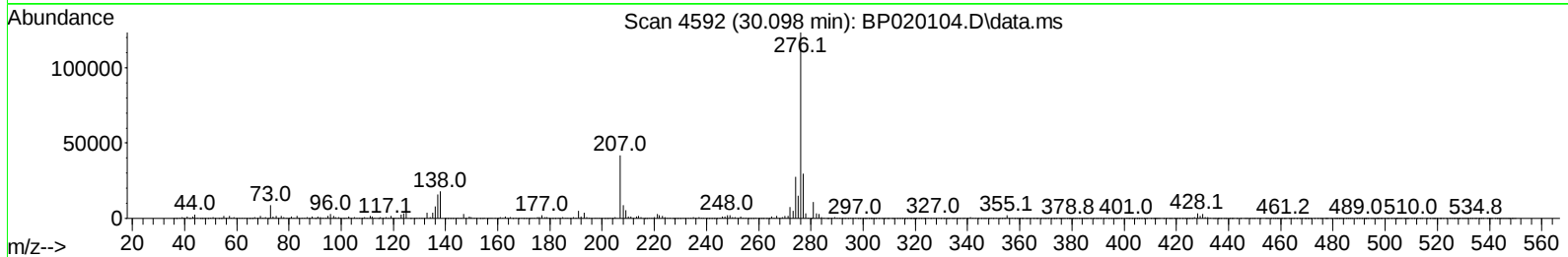
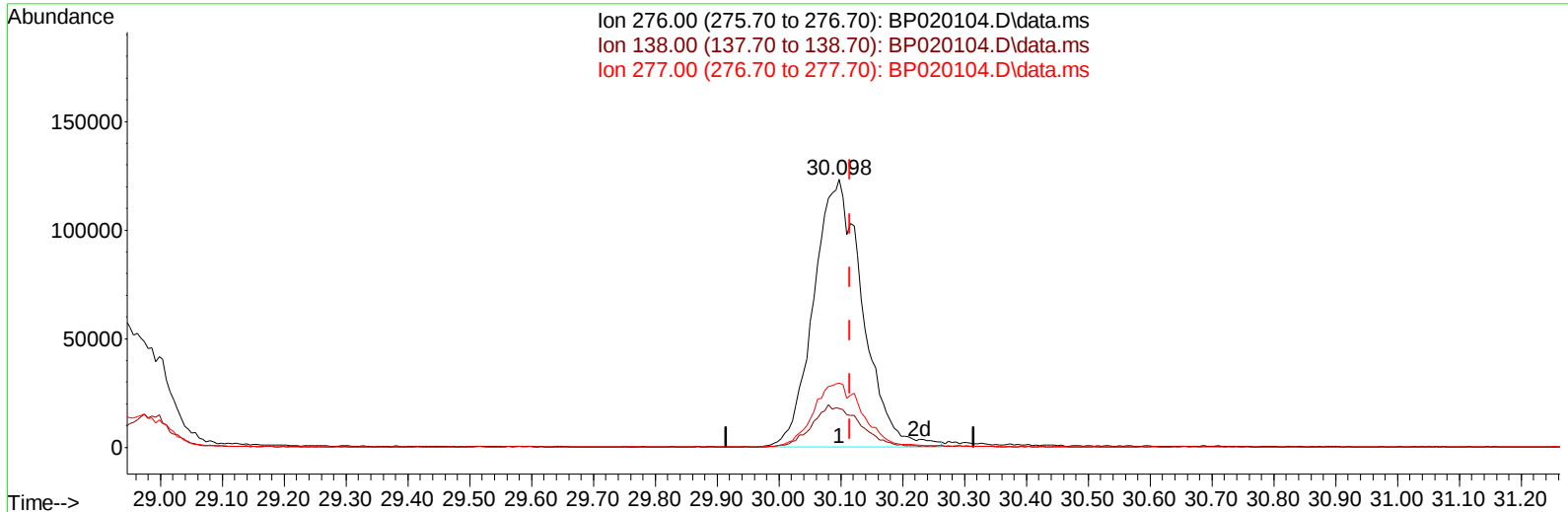
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020104.D
Acq On : 23 Apr 2024 15:53
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV622

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 01:12:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 24 00:55:52 2024
Response via : Initial Calibration



TIC: BP020104.D\data.ms

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

30.098min (-0.018) 20.44 ng/ul m

response 678676

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.80	14.56
277.00	23.40	24.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020104.D
 Acq On : 23 Apr 2024 15:53
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV622

Manual IntegrationsAPPROVED

Quant Time: Apr 24 01:13:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 00:55:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	98675	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	369933	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	256735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	570790	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	578147	20.000	ng/ul	0.00
88) Perylene-d12	25.039	264	619650m	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	19514	8.985	ng/uL	0.00
4) Pyridine-d5	3.628	84	133649	20.520	ng/ul	0.00
7) Phenol-d5	6.822	99	161521	19.518	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	108424	20.155	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	119076	19.901	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	121292	19.082	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	58003	21.061	ng/ul	0.00
24) 2-Nitrophenol-d4	9.505	143	66764	20.984	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	124075	21.124	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	158299	21.652	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	367104	20.463	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	429189	20.384	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	55503	20.676	ng/ul	0.00
60) Fluorene-d10	15.334	176	329583	21.287	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	56955	20.799	ng/ul	0.00
73) Anthracene-d10	17.257	188	527896	20.883	ng/ul	0.00
81) Pyrene-d10	19.657	212	661617	20.110	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.810	264	624913	20.745	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	21631	8.630	ng/uL	93
5) Pyridine	3.652	79	139129	20.869	ng/ul	98
6) Benzaldehyde	6.805	77	112523	23.913	ng/ul	98
8) Phenol	6.846	94	168807	19.531	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.081	93	137504	19.930	ng/ul	96
12) 2-Chlorophenol	7.205	128	125856	20.297	ng/ul	98
13) 2-Methylphenol	8.075	108	122134	19.466	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.158	45	192894	20.104	ng/ul	98
16) Acetophenone	8.458	105	206062	19.741	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.440	70	117384	19.820	ng/ul	97
18) 4-Methylphenol	8.405	108	131206	19.669	ng/ul	99
19) Hexachloroethane	8.687	117	61595	20.287	ng/ul	92
22) Nitrobenzene	8.834	77	174699	20.827	ng/ul	95
23) Isophorone	9.352	82	311989	20.597	ng/ul	99
25) 2-Nitrophenol	9.534	139	69716	21.153	ng/ul	96
26) 2,4-Dimethylphenol	9.593	107	147340	20.512	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.840	93	178793	20.645	ng/ul	100
29) 2,4-Dichlorophenol	10.069	162	121693	21.145	ng/ul	95
30) Naphthalene	10.457	128	398228	20.735	ng/ul	99
32) 4-Chloroaniline	10.587	127	157543	21.976	ng/ul	99
33) Hexachlorobutadiene	10.722	225	105423	21.615	ng/ul	98
34) Caprolactam	11.393	113	37451m	22.716	ng/ul	
35) 4-Chloro-3-methylphenol	11.722	107	136645	20.934	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020104.D
 Acq On : 23 Apr 2024 15:53
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV622

Manual IntegrationsAPPROVED

Quant Time: Apr 24 01:13:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 00:55:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.087	142	269511	21.212	ng/ul	99
37) 1-Methylnaphthalene	12.310	142	268922	21.264	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	175293	19.516	ng/ul	95
40) Hexachlorocyclopentadiene	12.416	237	61104	18.839	ng/ul	97
41) 2,4,6-Trichlorophenol	12.716	196	106611	19.796	ng/ul	98
42) 2,4,5-Trichlorophenol	12.793	196	114369	20.475	ng/ul	96
43) 1,1'-Biphenyl	13.122	154	363222	19.554	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	303278	20.157	ng/ul	99
45) 2-Nitroaniline	13.393	65	99346	20.173	ng/ul	97
47) Dimethylphthalate	13.775	163	363555	19.918	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	75074	20.575	ng/ul	98
50) Acenaphthylene	14.028	152	484851	20.589	ng/ul	99
51) 3-Nitroaniline	14.251	138	76520	21.254	ng/ul	96
52) Acenaphthene	14.381	153	317253	20.464	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	32093	20.696	ng/ul	88
55) 4-Nitrophenol	14.581	109	59289	21.197	ng/ul	99
56) Dibenzofuran	14.728	168	447834	20.872	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	112356	21.712	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.963	232	106724	21.414	ng/ul	98
59) Diethylphthalate	15.181	149	373144	20.784	ng/ul	100
61) Fluorene	15.398	166	372727	21.133	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	200102	20.878	ng/ul	98
63) 4-Nitroaniline	15.451	138	76258	22.223	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.504	198	59637	20.802	ng/ul#	98
67) N-Nitrosodiphenylamine	15.622	169	309776	20.592	ng/ul	98
68) 4-Bromophenyl-phenylether	16.322	248	130986	21.054	ng/ul	98
69) Hexachlorobenzene	16.428	284	146894	20.852	ng/ul	96
70) Atrazine	16.622	200	128813	22.092	ng/ul	99
71) Pentachlorophenol	16.798	266	88152	20.034	ng/ul	99
72) Phenanthrene	17.204	178	613085	20.948	ng/ul	99
74) Anthracene	17.292	178	636193	21.399	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	174713	18.928	ng/uL	96
76) Pentachlorobenzene	14.640	250	171748	20.097	ng/uL	98
77) Carbazole	17.592	167	550517	21.030	ng/ul	98
78) Di-n-butylphthalate	18.186	149	688352	21.745	ng/ul	100
80) Fluoranthene	19.310	202	765235	19.979	ng/ul	99
82) Pyrene	19.692	202	802686	20.112	ng/ul	97
83) Butylbenzylphthalate	20.663	149	317005	19.746	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.575	252	246452	22.690	ng/ul	98
85) Benzo(a)anthracene	21.639	228	832986	20.779	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	470984	19.954	ng/ul	99
87) Chrysene	21.704	228	752062	20.280	ng/ul	100
89) Di-n-octyl phthalate	22.898	149	790025	20.340	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	770284	20.540	ng/ul	99
91) Benzo(k)fluoranthene	24.045	252	772142	21.022	ng/ul	99
93) Benzo(a)pyrene	24.892	252	723350	20.635	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.904	276	859128m	20.508	ng/ul	
95) Dibenzo(a,h)anthracene	28.998	278	717963m	20.835	ng/ul	
96) Benzo(g,h,i)perylene	30.098	276	678676m	20.441	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

SICV622

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

