

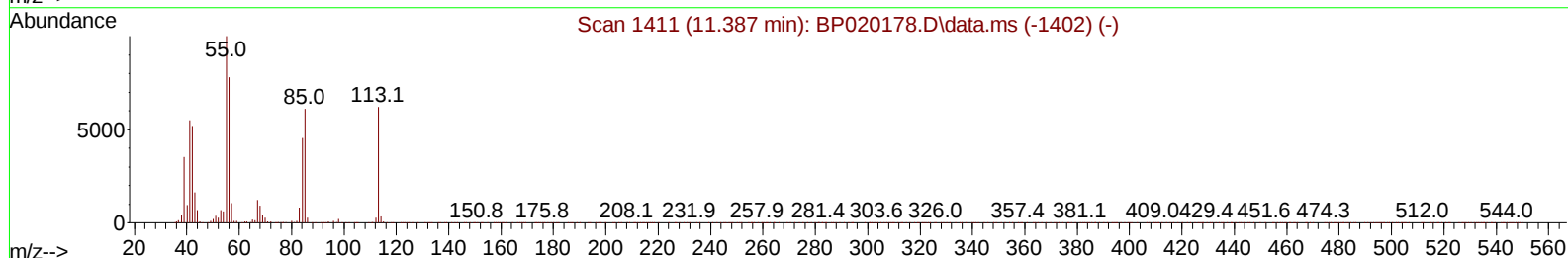
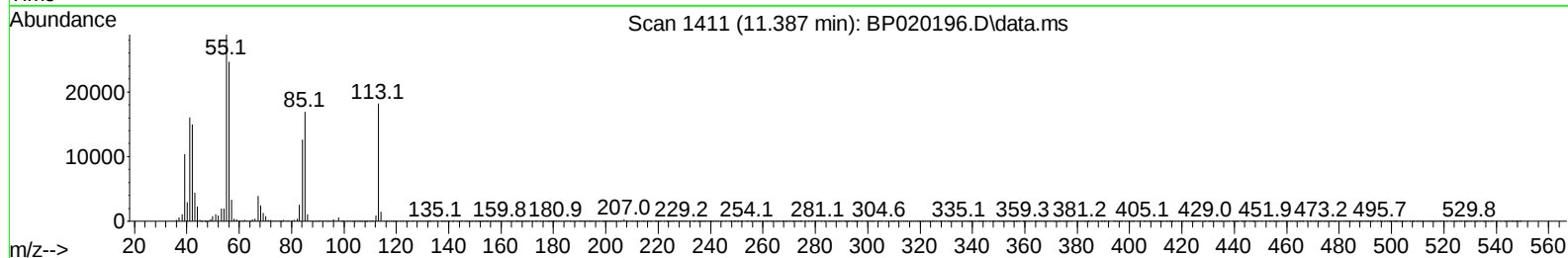
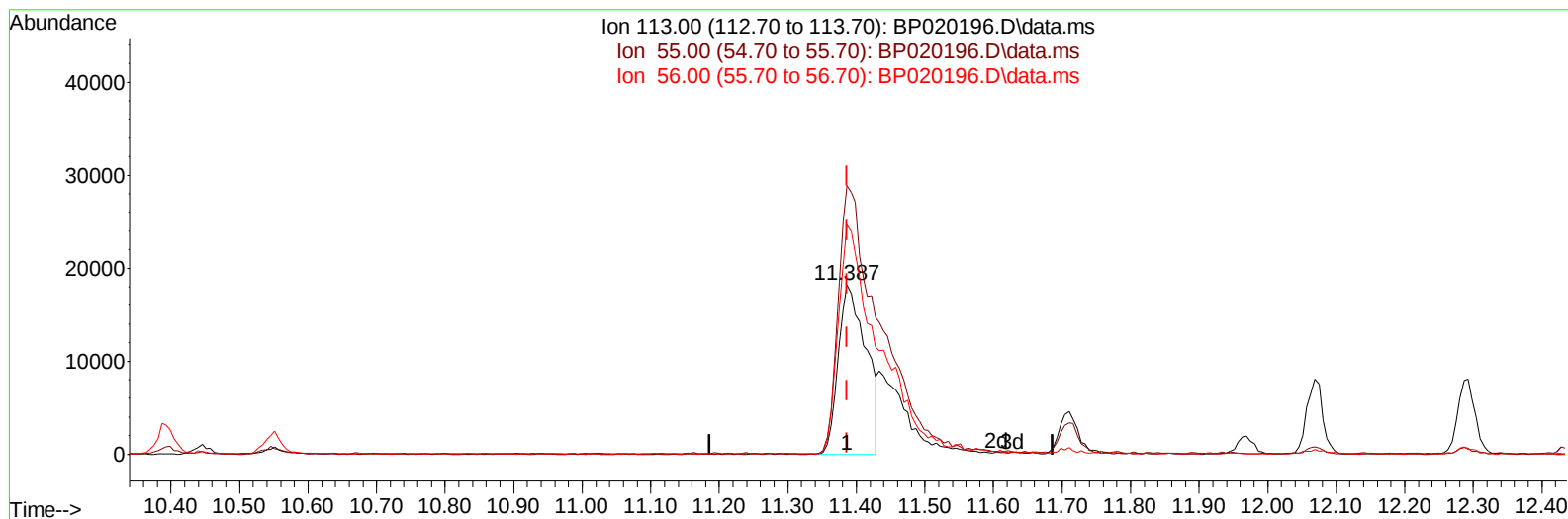
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020196.D
Acq On : 04 May 2024 06:16
Operator : MA/JU
Sample : PB160586BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS586

Manual IntegrationsAPPROVED

Quant Time: May 04 06:43:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



TIC: BP020196.D\data.ms

(34) Caprolactam

11.387min (+ 0.000) 24.04 ng/ul

response 51006

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	158.32
56.00	131.80	135.15
0.00	0.00	0.00

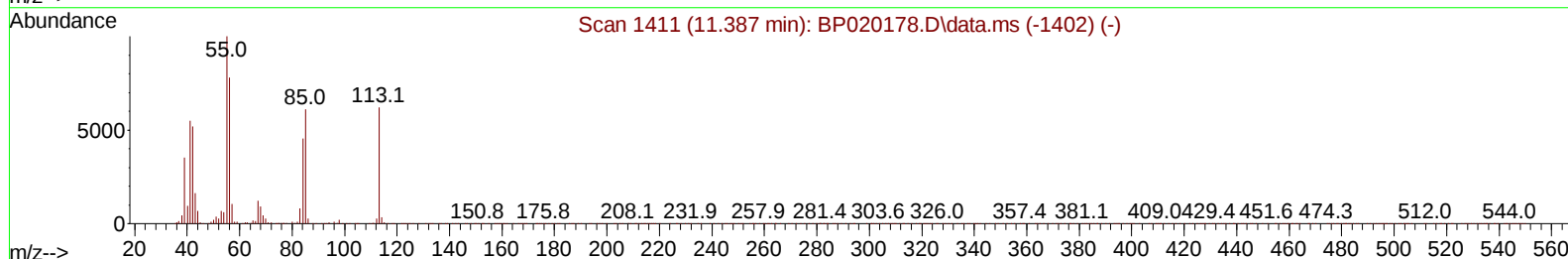
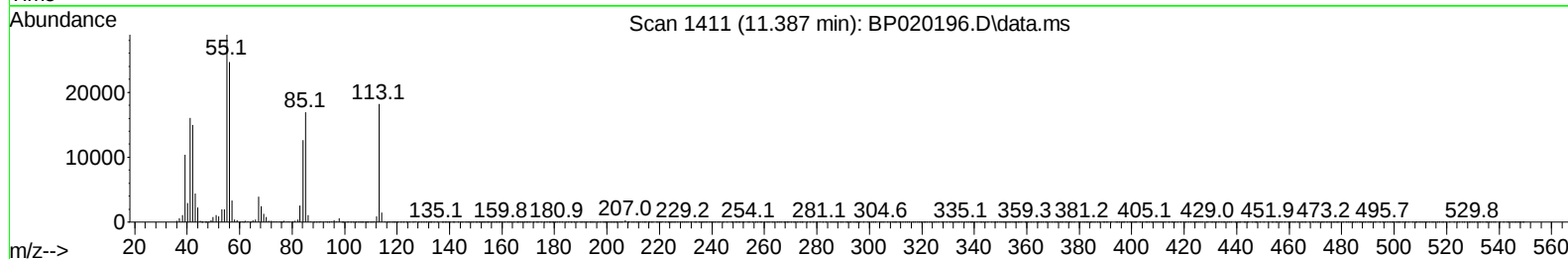
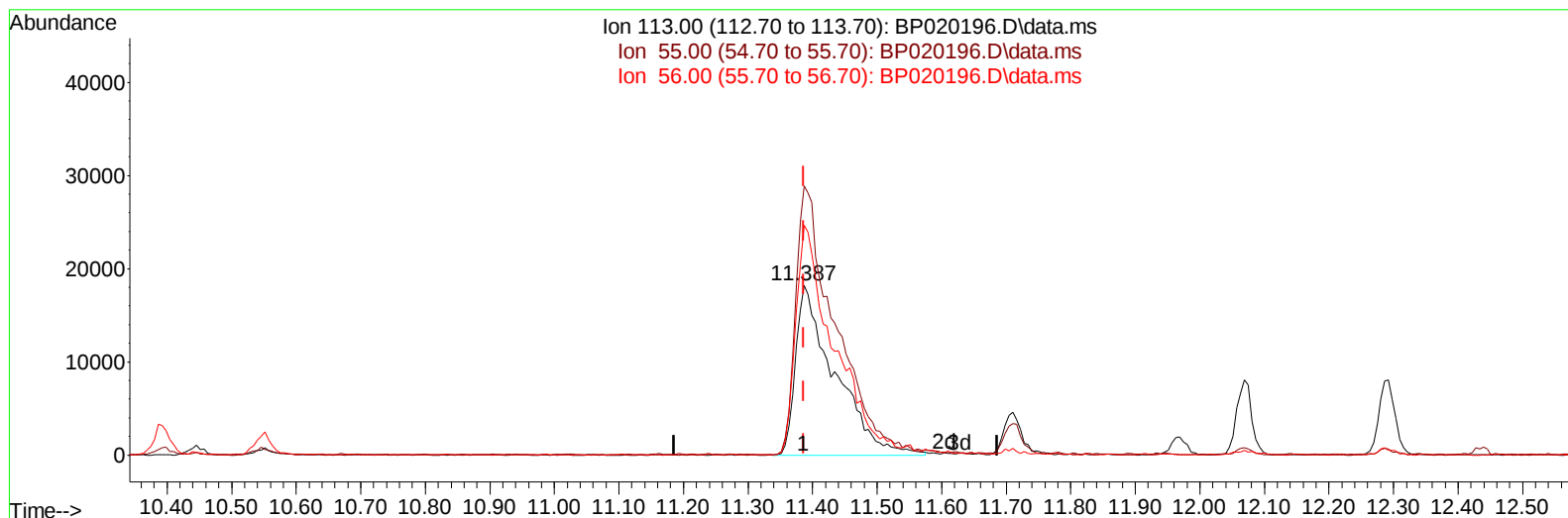
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020196.D
Acq On : 04 May 2024 06:16
Operator : MA/JU
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QLast Update : Fri May 03 06:07:25 2024
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Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



TIC: BP020196.D\data.ms

(34) Caprolactam

11.387min (+ 0.000) 36.17 ng/ul m

response 76733

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	158.32
56.00	131.80	135.15
0.00	0.00	0.00

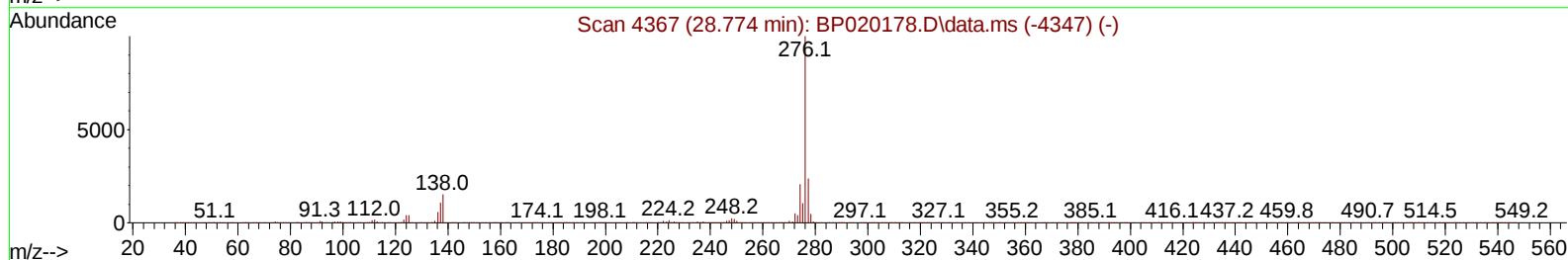
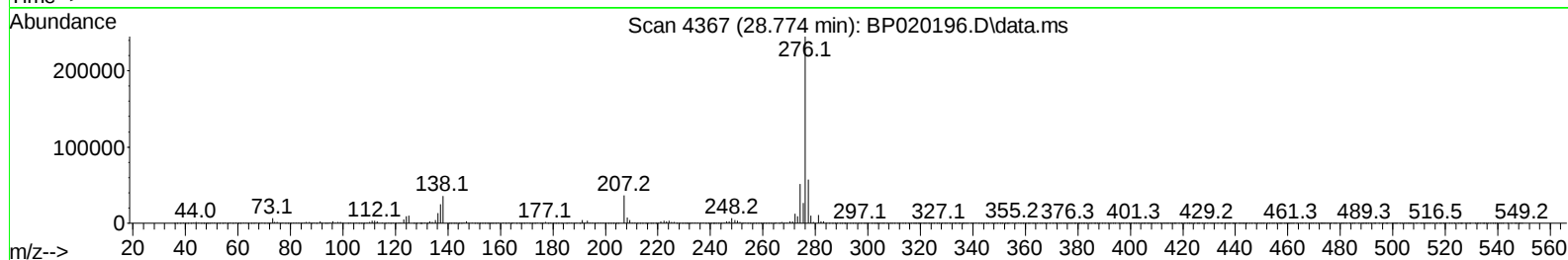
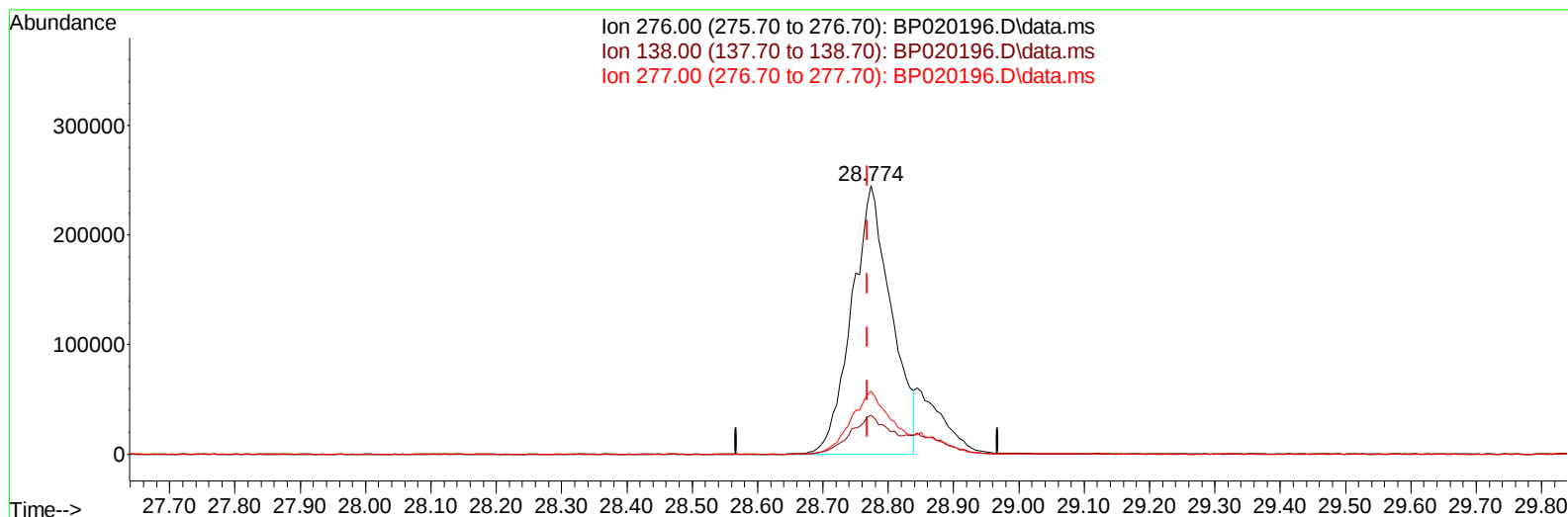
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020196.D
Acq On : 04 May 2024 06:16
Operator : MA/JU
Sample : PB160586BS
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ALS Vial : 65 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



TIC: BP020196.D\data.ms

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

28.774min (+ 0.006) 26.04 ng/u1

response 1032178

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.62
277.00	23.70	23.40
0.00	0.00	0.00

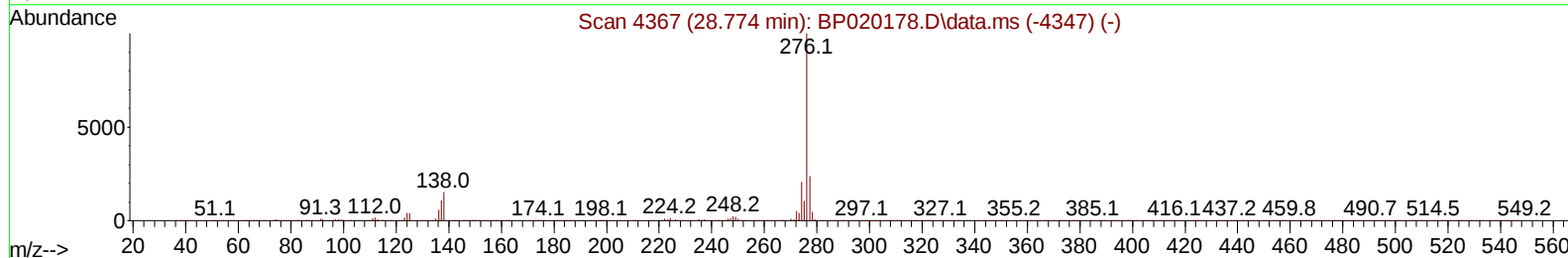
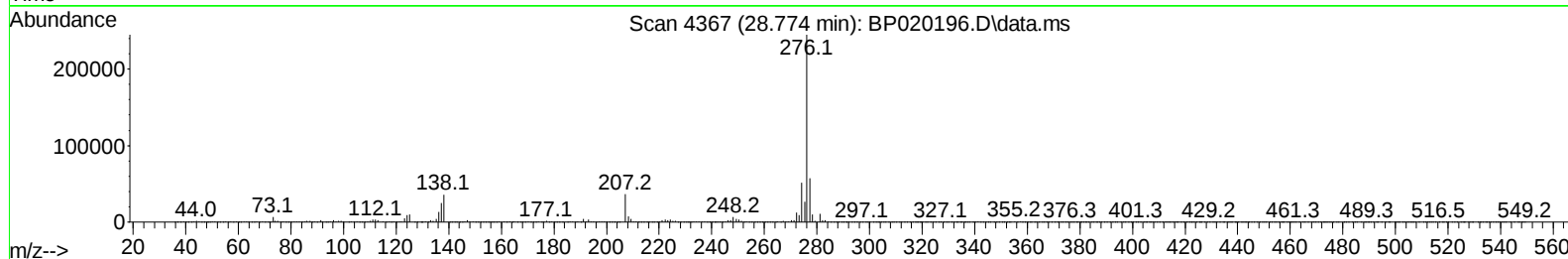
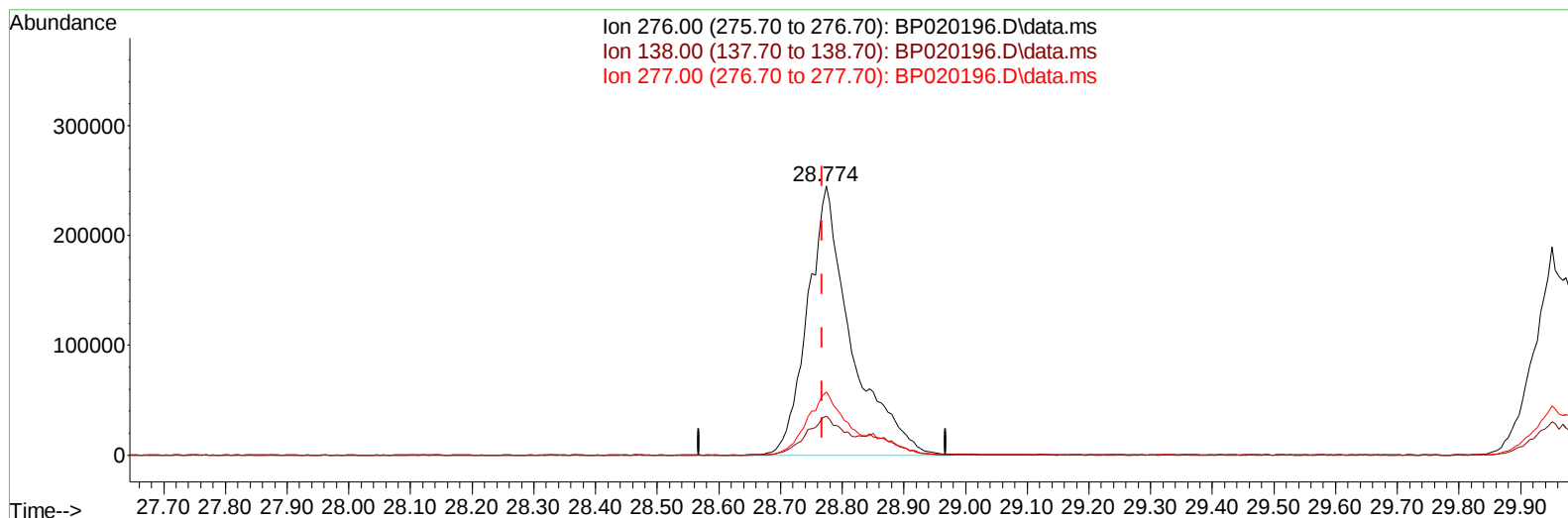
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020196.D
Acq On : 04 May 2024 06:16
Operator : MA/JU
Sample : PB160586BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS586

Manual IntegrationsAPPROVED

Quant Time: May 04 06:43:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



TIC: BP020196.D\data.ms

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

28.774min (+ 0.006) 30.42 ng/u1 m

response 1205661

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.62
277.00	23.70	23.40
0.00	0.00	0.00

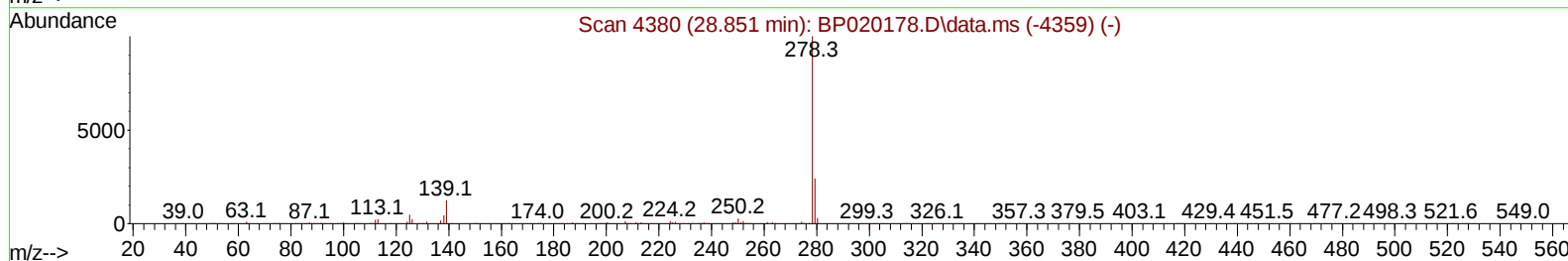
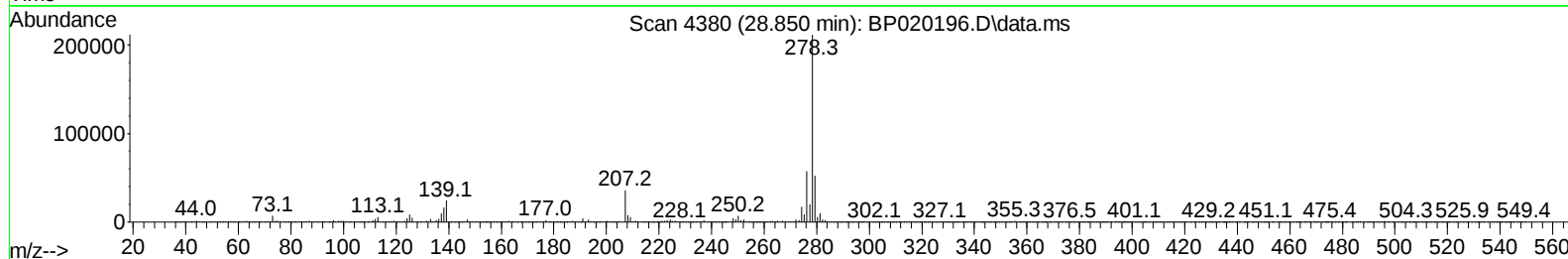
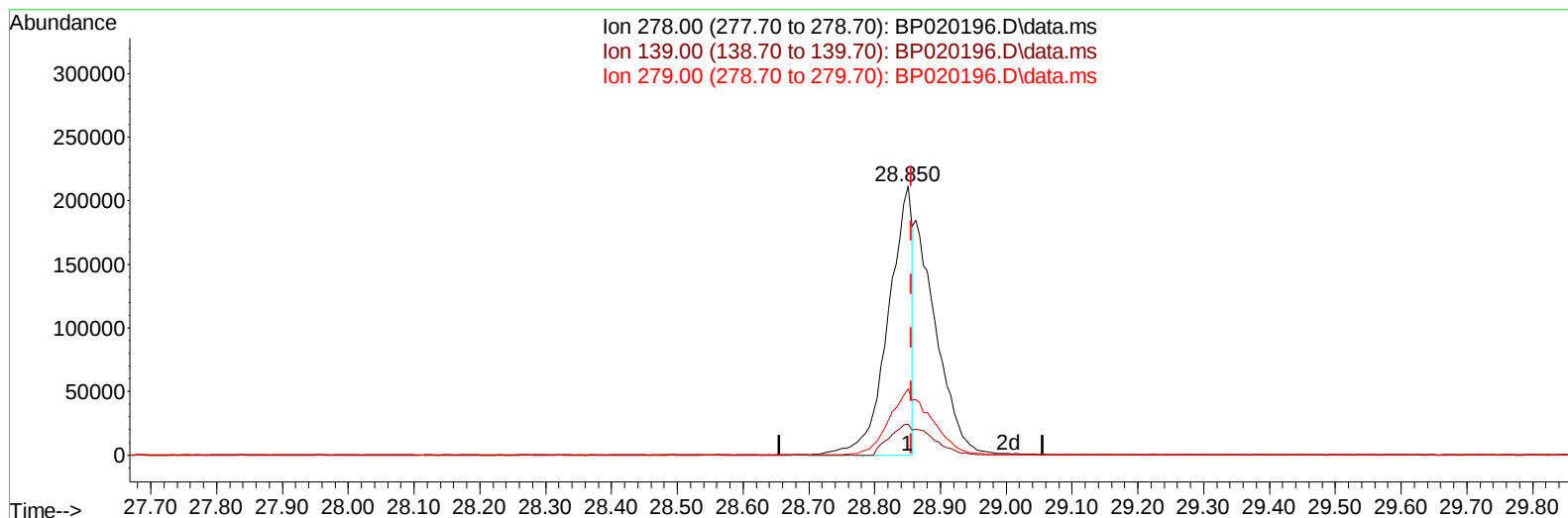
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020196.D
Acq On : 04 May 2024 06:16
Operator : MA/JU
Sample : PB160586BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS586

Manual IntegrationsAPPROVED

Quant Time: May 04 06:43:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



TIC: BP020196.D\data.ms

(95) Dibenzo(a,h)anthracene

28.850min (-0.006) 16.16 ng/u1

response 529736

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	11.38
279.00	24.10	24.74
0.00	0.00	0.00

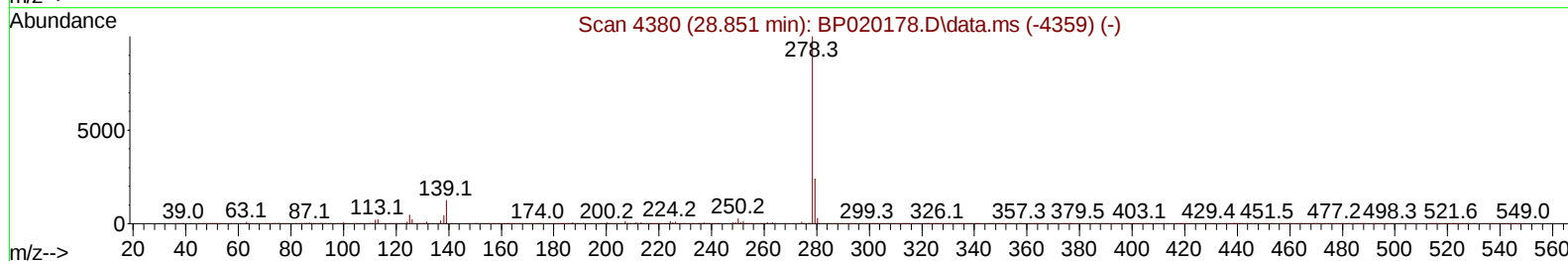
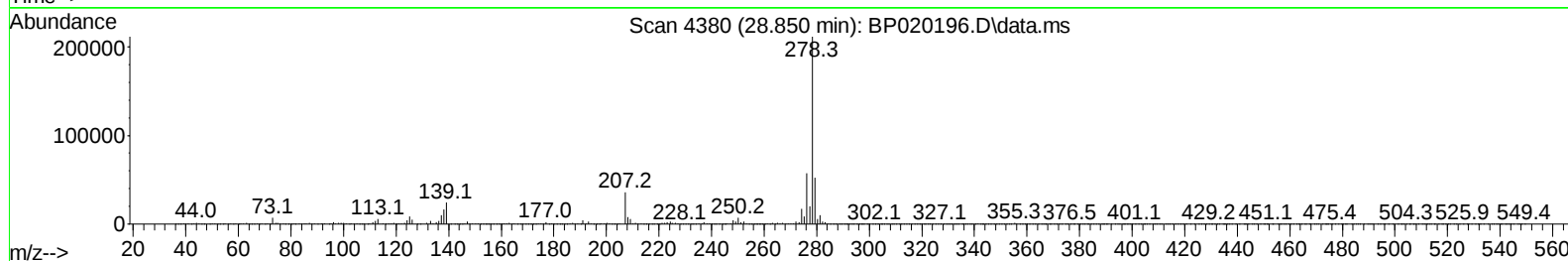
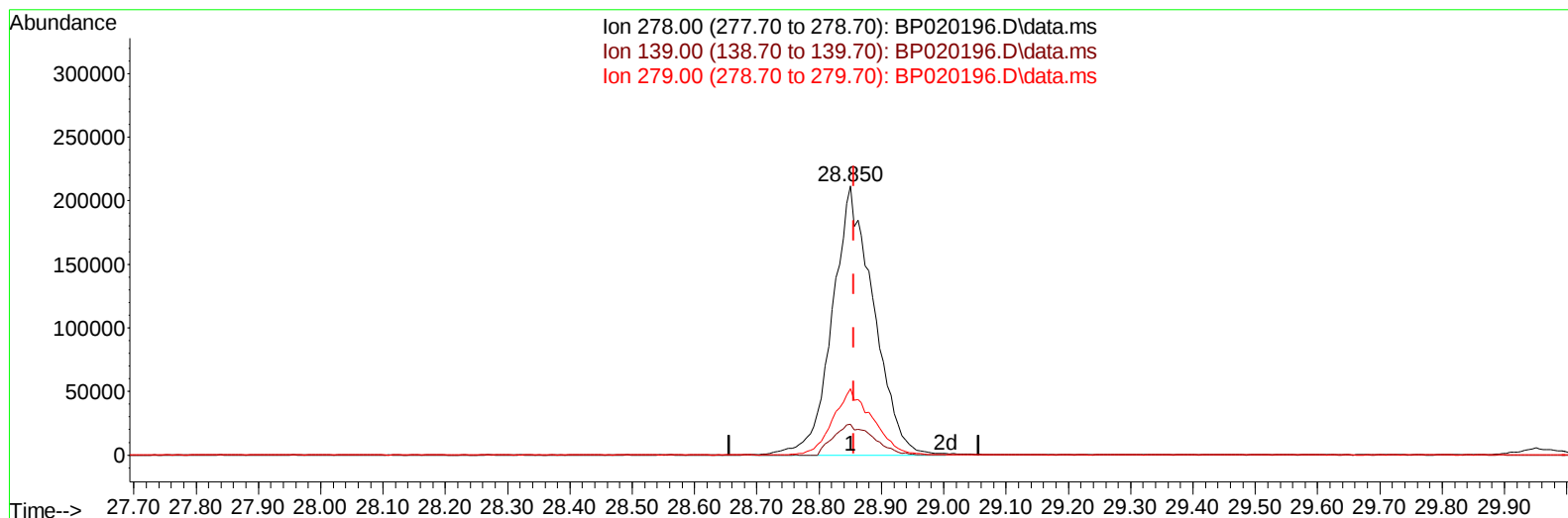
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020196.D
 Acq On : 04 May 2024 06:16
 Operator : MA/JU
 Sample : PB160586BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS586

Manual IntegrationsAPPROVED

Quant Time: May 04 06:45:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 06:07:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/06/2024
 Supervised By :mohammad ahmed 05/06/2024



TIC: BP020196.D\data.ms

(95) Dibenzo(a,h)anthracene

28.850min (-0.006) 29.69 ng/ul m

response 973429

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	11.38
279.00	24.10	24.74
0.00	0.00	0.00

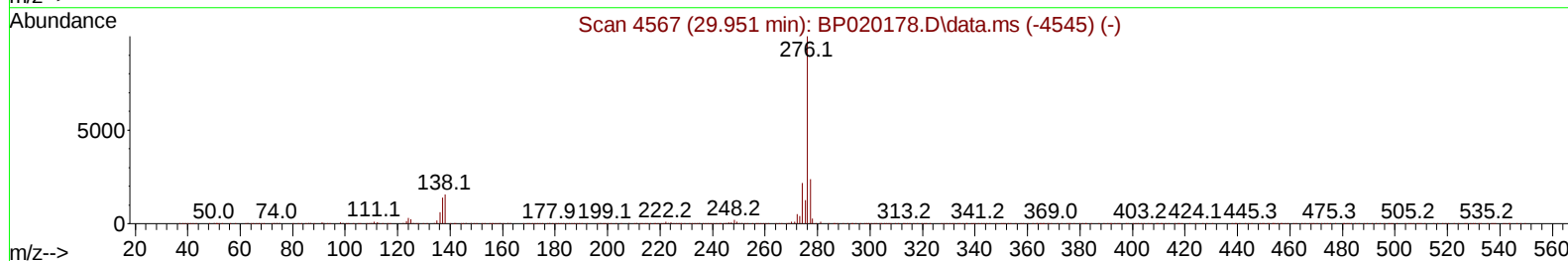
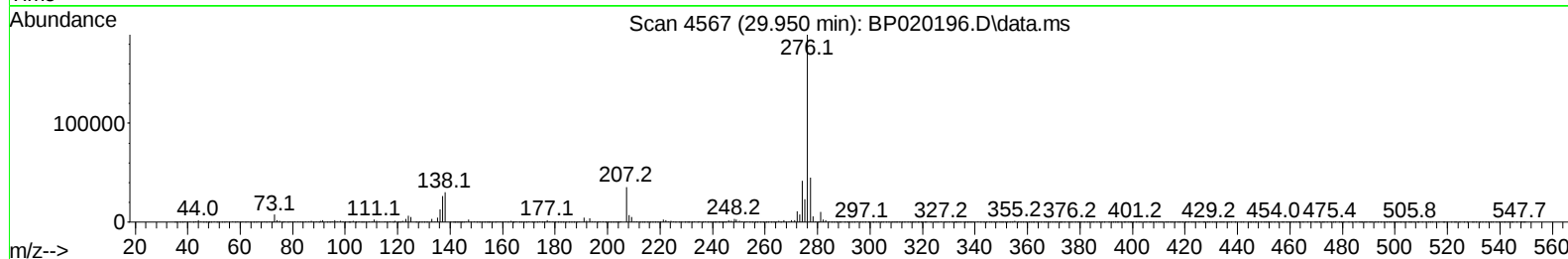
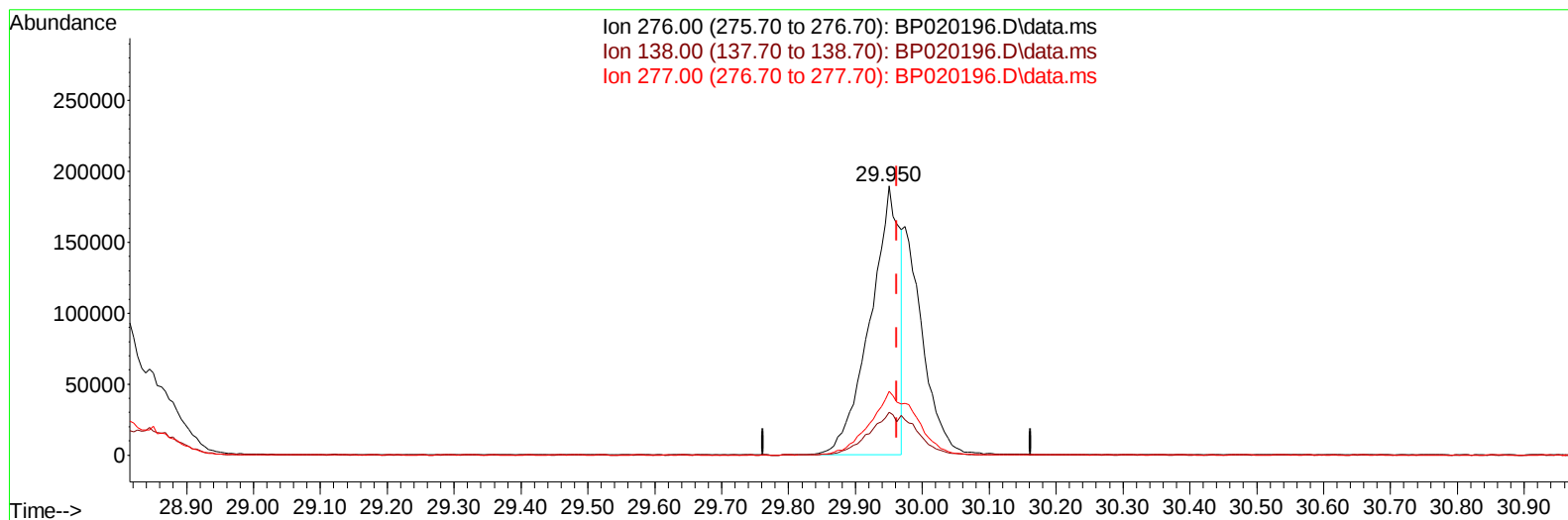
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020196.D
Acq On : 04 May 2024 06:16
Operator : MA/JU
Sample : PB160586BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS586

Manual IntegrationsAPPROVED

Quant Time: May 04 06:43:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



TIC: BP020196.D\data.ms

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

29.950min (-0.012) 18.21 ng/u1

response 582212

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	15.94
277.00	24.20	23.68
0.00	0.00	0.00

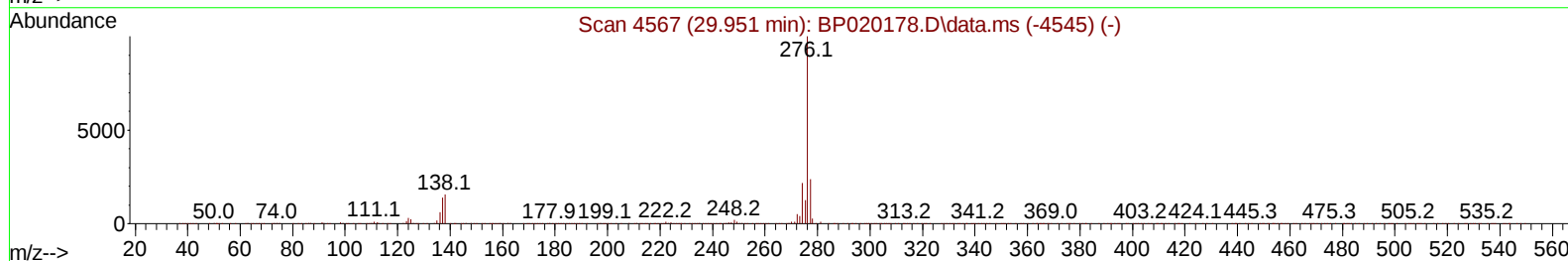
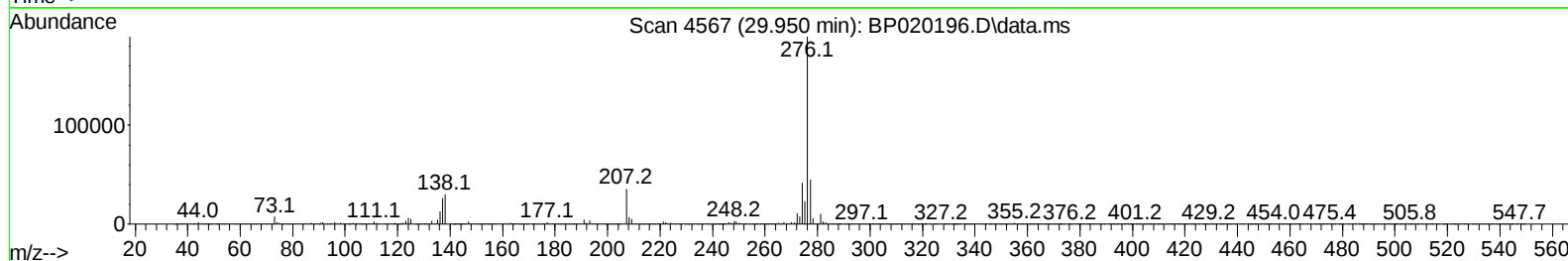
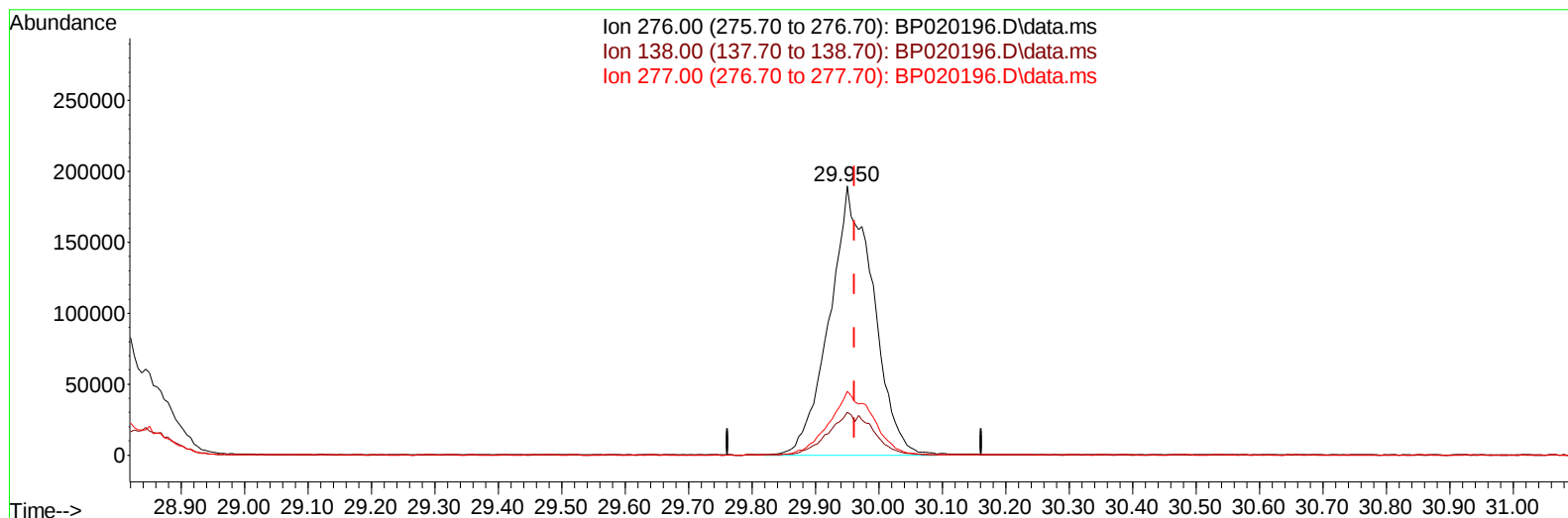
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020196.D
Acq On : 04 May 2024 06:16
Operator : MA/JU
Sample : PB160586BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS586

Manual IntegrationsAPPROVED

Quant Time: May 04 06:43:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



TIC: BP020196.D\data.ms

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

29.950min (-0.012) 28.47 ng/ul m

response 910112

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	15.94
277.00	24.20	23.68
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020196.D
 Acq On : 04 May 2024 06:16
 Operator : MA/JU
 Sample : PB160586BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS586

Manual IntegrationsAPPROVED

Quant Time: May 04 06:45:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 06:07:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/06/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	92574	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	399182	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.292	164	277858	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	615498	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	604418	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	571232	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	12006	5.477	ng/uL	0.00
4) Pyridine-d5	3.616	84	172783	27.128	ng/ul	0.00
7) Phenol-d5	6.805	99	246357	30.988	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	145539	30.136	ng/ul	0.00
11) 2-Chlorophenol-d4	7.157	132	182295	32.075	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	206144	32.072	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	94524	31.622	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	111398	32.543	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	203519	32.581	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	302943	34.651	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	693021	34.154	ng/ul	-0.01
49) Acenaphthylene-d8	13.975	160	745870	33.276	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	113236	36.310	ng/ul	0.00
60) Fluorene-d10	15.316	176	577033	34.095	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	133381	34.150	ng/ul	0.00
73) Anthracene-d10	17.233	188	925374	34.753	ng/ul	0.00
81) Pyrene-d10	19.627	212	1130146	31.987	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	956028	34.614	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	25810	10.377	ng/uL	96
5) Pyridine	3.634	79	176223	27.355	ng/ul	95
6) Benzaldehyde	6.793	77	156216	39.092	ng/ul	98
8) Phenol	6.834	94	255163	31.096	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.069	93	186831	29.097	ng/ul	98
12) 2-Chlorophenol	7.193	128	186655	31.456	ng/ul	98
13) 2-Methylphenol	8.063	108	184802	30.193	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	232673	29.049	ng/ul	97
16) Acetophenone	8.451	105	323148	30.292	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.434	70	176891	30.556	ng/ul	96
18) 4-Methylphenol	8.393	108	211052	31.724	ng/ul	92
19) Hexachloroethane	8.669	117	80191	29.552	ng/ul	98
22) Nitrobenzene	8.828	77	256084	29.843	ng/ul	99
23) Isophorone	9.346	82	503669	30.525	ng/ul	98
25) 2-Nitrophenol	9.528	139	115121	32.468	ng/ul	95
26) 2,4-Dimethylphenol	9.587	107	233183	30.144	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.828	93	269877	29.503	ng/ul	99
29) 2,4-Dichlorophenol	10.051	162	201923	33.233	ng/ul	98
30) Naphthalene	10.446	128	615912	29.934	ng/ul	99
32) 4-Chloroaniline	10.575	127	257458	30.115	ng/ul	99
33) Hexachlorobutadiene	10.710	225	136998	29.029	ng/ul	95
34) Caprolactam	11.387	113	76733m	36.168	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	257458	34.032	ng/ul	97

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/06/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 04 06:45:04 2024
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	446120	31.162	ng/ul	97
37) 1-Methylnaphthalene	12.292	142	447468	31.061	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	272084	31.398	ng/ul	99
40) Hexachlorocyclopentadiene	12.404	237	106619	22.623	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	187811	34.560	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	199171	34.060	ng/ul	97
43) 1,1'-Biphenyl	13.098	154	616805	31.385	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	479673	30.759	ng/ul	99
45) 2-Nitroaniline	13.375	65	184634	35.694	ng/ul	96
47) Dimethylphthalate	13.757	163	676437	33.004	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	142046	34.863	ng/ul	95
50) Acenaphthylene	14.004	152	794029	31.495	ng/ul	99
51) 3-Nitroaniline	14.228	138	140169	36.885	ng/ul	97
52) Acenaphthene	14.357	153	530501	31.312	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	88597	35.426	ng/ul	94
55) 4-Nitrophenol	14.557	109	124229	38.261	ng/ul	95
56) Dibenzofuran	14.698	168	768014	32.960	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	213618	36.466	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.939	232	187212	35.652	ng/ul	98
59) Diethylphthalate	15.157	149	688340	33.645	ng/ul	99
61) Fluorene	15.369	166	642538	33.187	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.369	204	339494	33.052	ng/ul	98
63) 4-Nitroaniline	15.433	138	132319	41.781	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.486	198	142867	35.079	ng/ul	98
67) N-Nitrosodiphenylamine	15.598	169	560339	32.696	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	216728	32.508	ng/ul	92
69) Hexachlorobenzene	16.398	284	254319	32.935	ng/ul	96
70) Atrazine	16.604	200	222005	36.533	ng/ul	99
71) Pentachlorophenol	16.769	266	162670	34.853	ng/ul	99
72) Phenanthrene	17.175	178	1024371	32.620	ng/ul	98
74) Anthracene	17.269	178	1053058	32.969	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	272922	29.835	ng/uL	99
76) Pentachlorobenzene	14.616	250	287118	31.365	ng/uL	99
77) Carbazole	17.563	167	956741	34.771	ng/ul	100
78) Di-n-butylphthalate	18.163	149	1177228	35.297	ng/ul	100
80) Fluoranthene	19.280	202	1291087	31.051	ng/ul	99
82) Pyrene	19.663	202	1368839	31.640	ng/ul	100
83) Butylbenzylphthalate	20.639	149	556169	33.866	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	441448	35.887	ng/ul	99
85) Benzo(a)anthracene	21.598	228	1342278	32.742	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.551	149	792167	33.436	ng/ul	98
87) Chrysene	21.668	228	1247577	32.834	ng/ul	100
89) Di-n-octyl phthalate	22.845	149	1341433	36.668	ng/ul	100
90) Benzo(b)fluoranthene	23.915	252	1186020	34.903	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	1210467	34.955	ng/ul	100
93) Benzo(a)pyrene	24.821	252	966283	29.886	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.774	276	1205661m	30.419	ng/ul	
95) Dibenzo(a,h)anthracene	28.850	278	973429m	29.693	ng/ul	
96) Benzo(g,h,i)perylene	29.950	276	910112m	28.470	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

SLCS586

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/06/2024

Supervised By :mohammad ahmed 05/06/2024

