

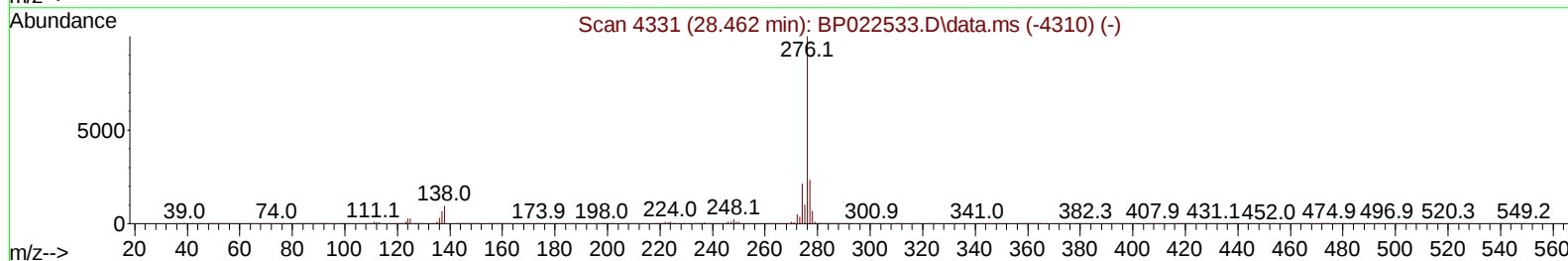
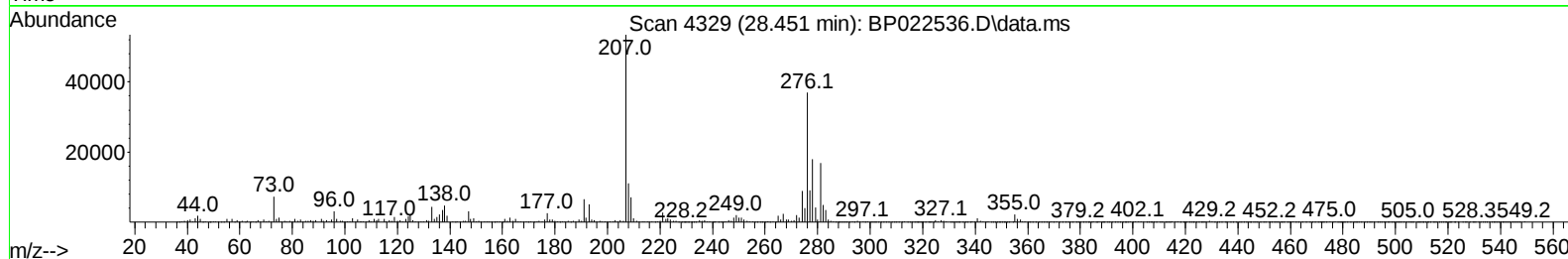
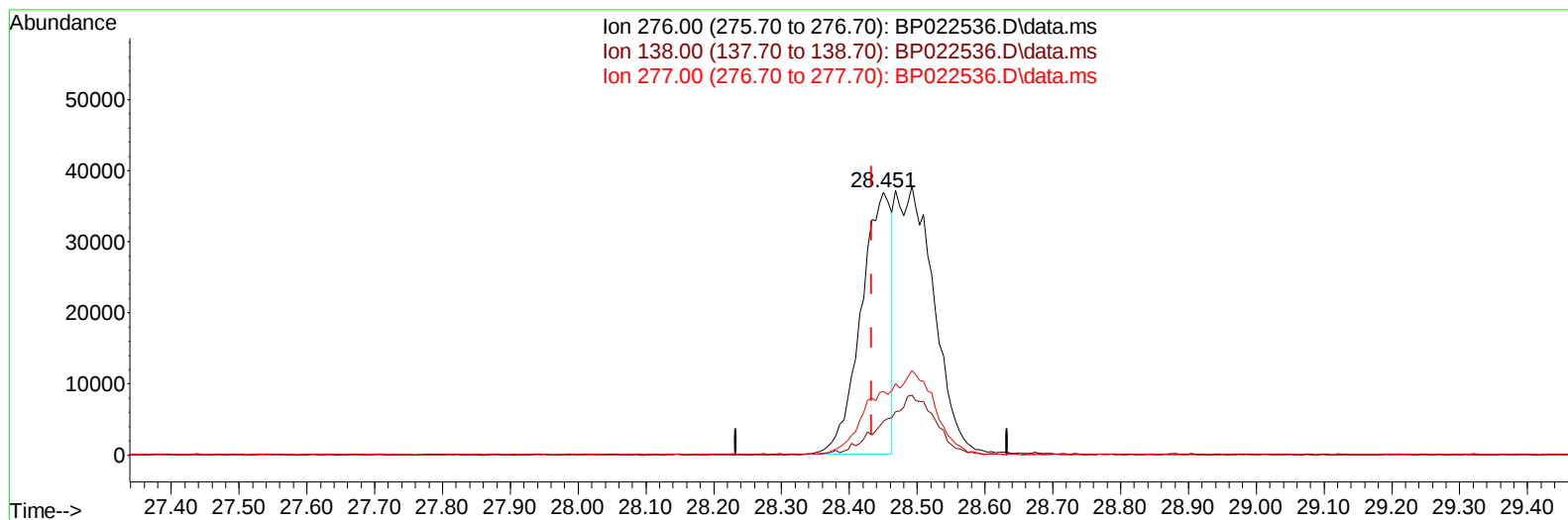
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022536.D
Acq On : 22 Oct 2024 12:26
Operator : RC/JU
Sample : P4429-02DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E94DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 22 12:52:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration



TIC: BP022536.D\data.ms

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

28.451min (+ 0.018) 1.84 ng/u1

response 115377

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	12.96
277.00	23.20	24.33
0.00	0.00	0.00

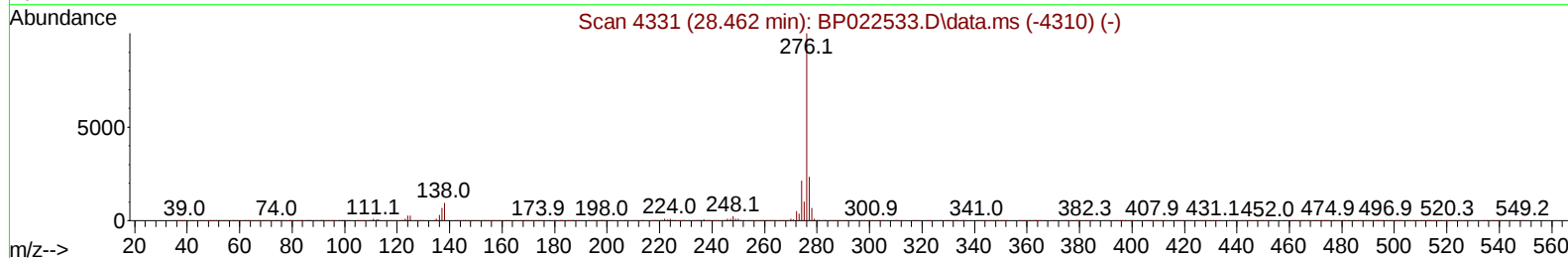
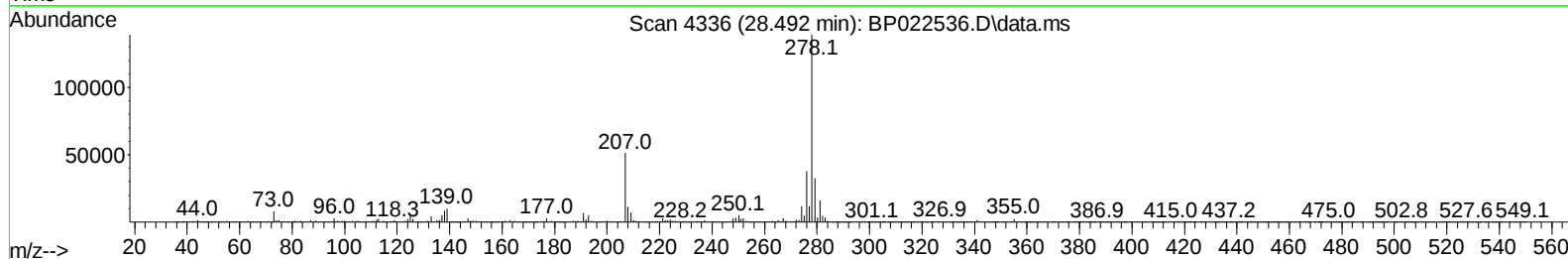
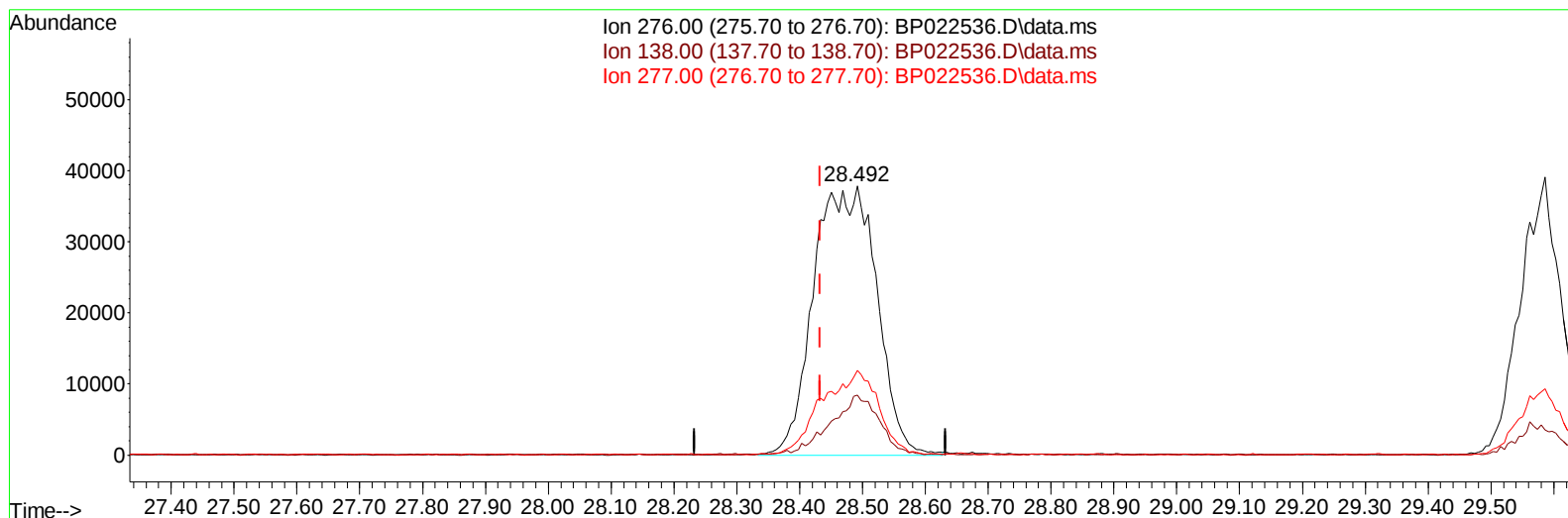
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022536.D
Acq On : 22 Oct 2024 12:26
Operator : RC/JU
Sample : P4429-02DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E94DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 12:52:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022536.D\data.ms

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

28.492min (+ 0.059) 4.20 ng/u1 m

response 263066

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	22.25#
277.00	23.20	31.61#
0.00	0.00	0.00

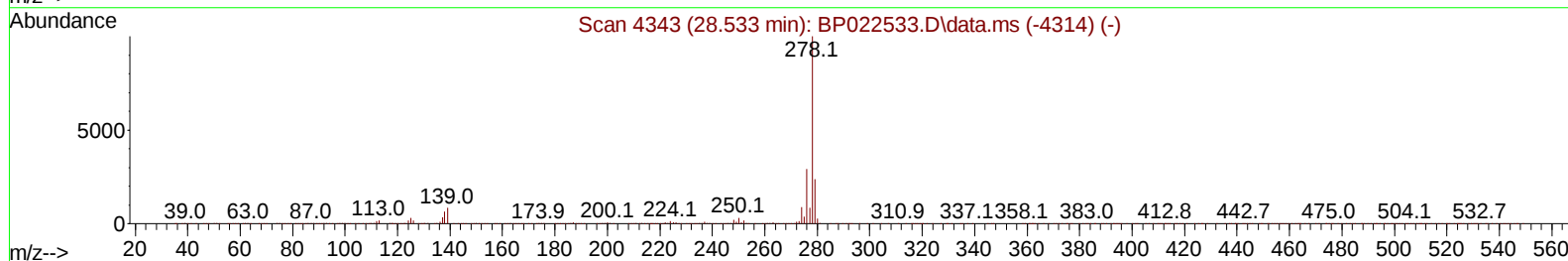
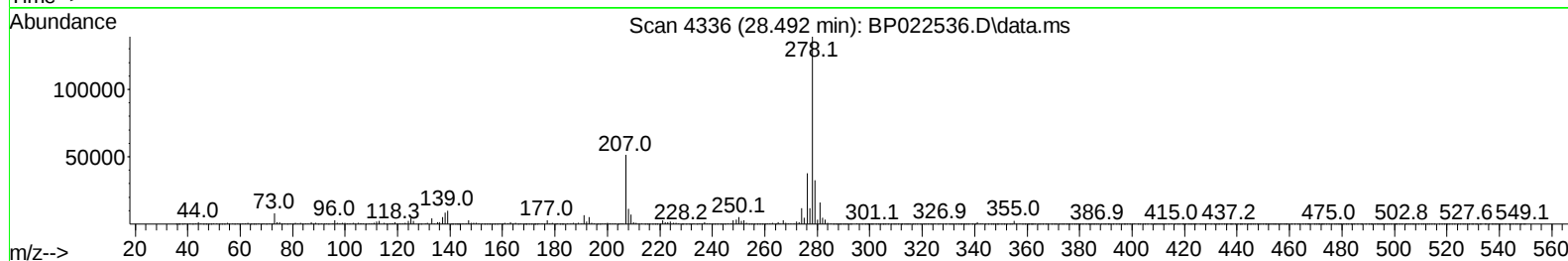
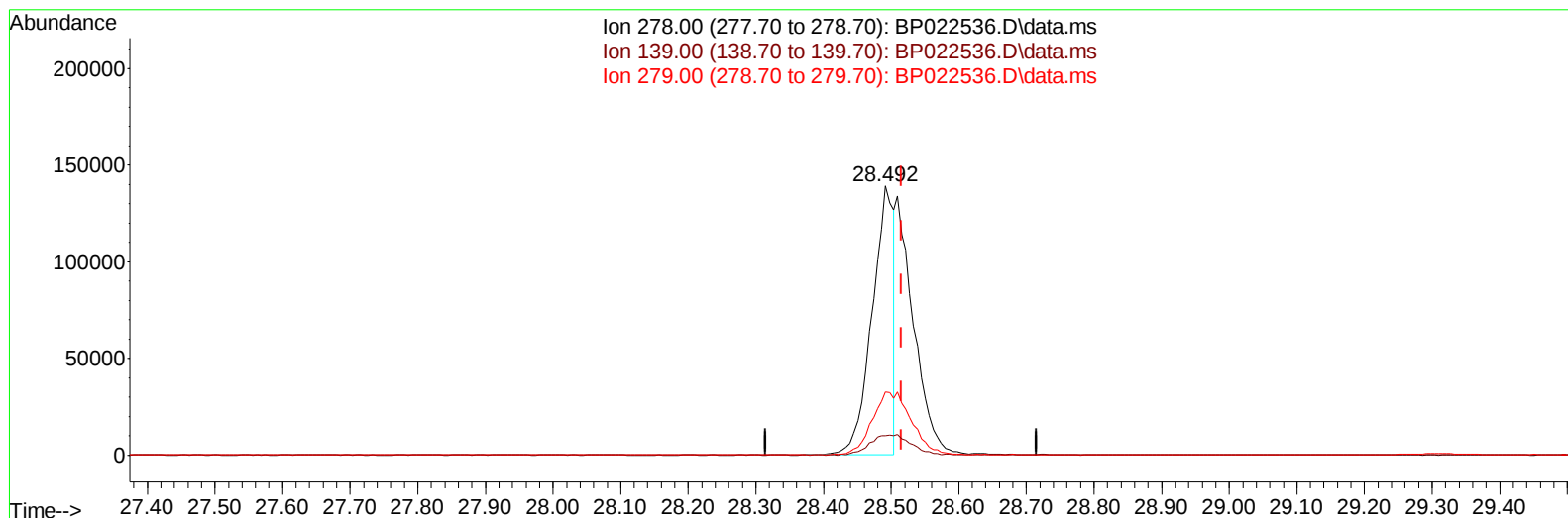
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022536.D
Acq On : 22 Oct 2024 12:26
Operator : RC/JU
Sample : P4429-02DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E94DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 12:52:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022536.D\data.ms

(95) Dibenzo(a,h)anthracene

28.492min (-0.023) 6.09 ng/u1

response 309149

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	7.14#
279.00	23.70	23.43
0.00	0.00	0.00

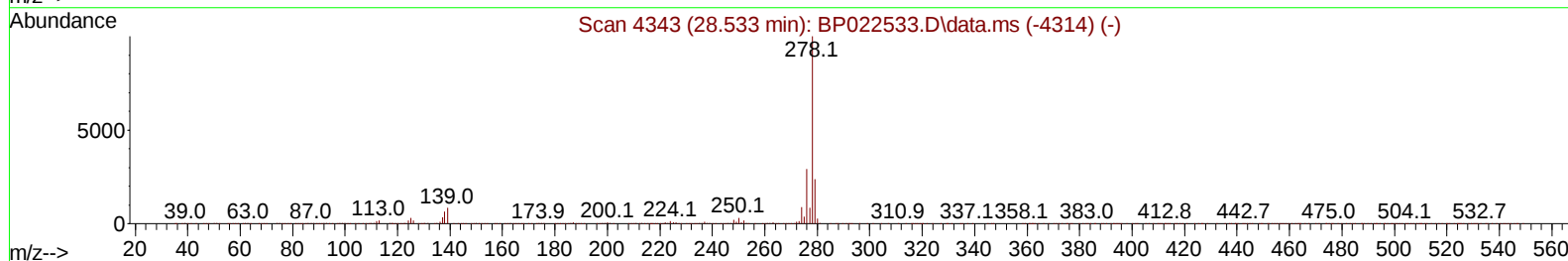
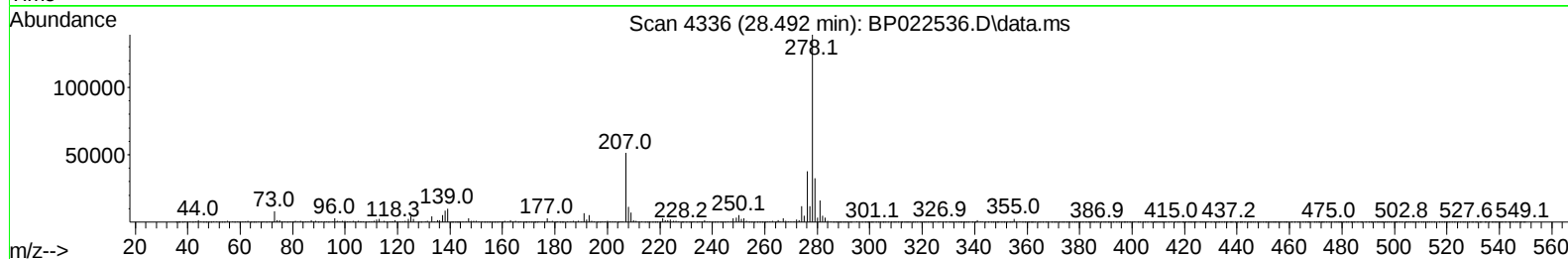
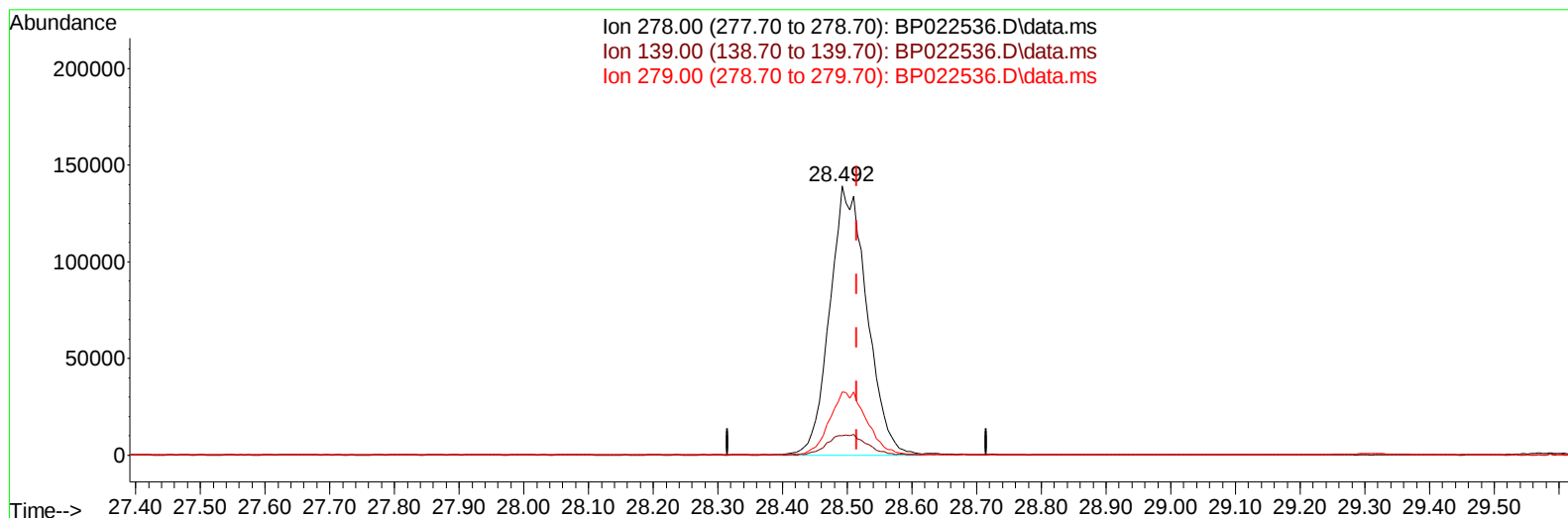
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022536.D
Acq On : 22 Oct 2024 12:26
Operator : RC/JU
Sample : P4429-02DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E94DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 12:52:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022536.D\data.ms

(95) Dibenzo(a,h)anthracene

28.492min (-0.023) 10.90 ng/ul m

response 553265

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	7.14#
279.00	23.70	23.43
0.00	0.00	0.00

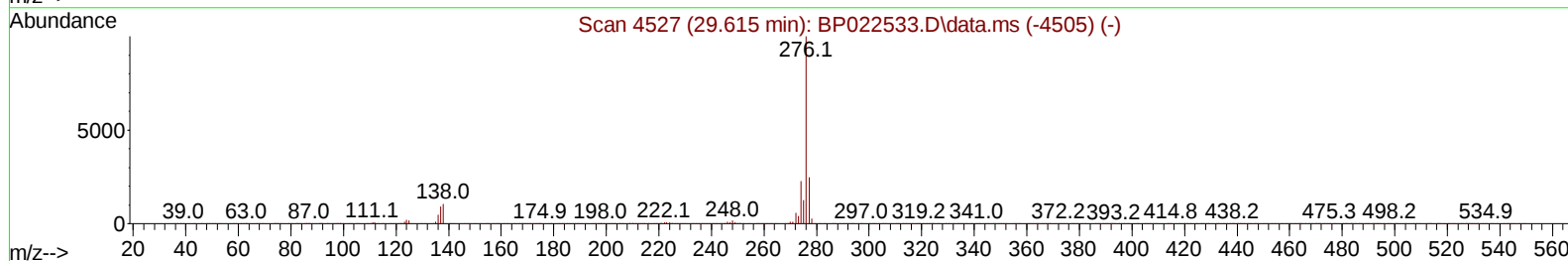
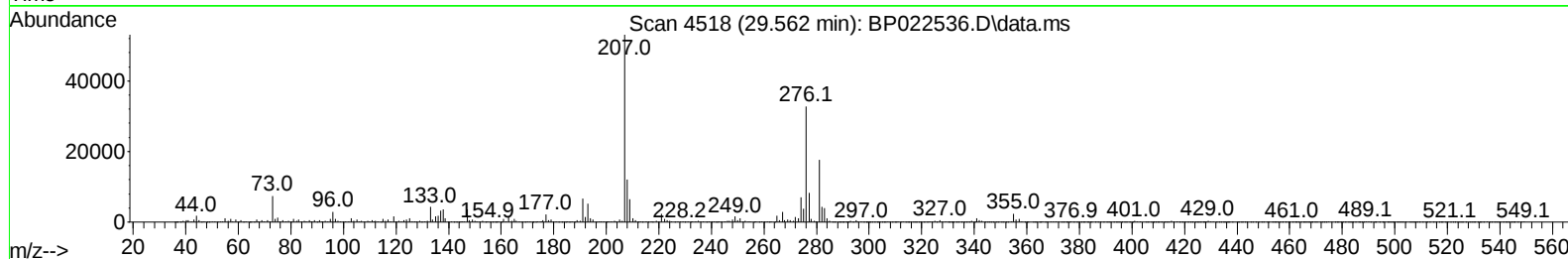
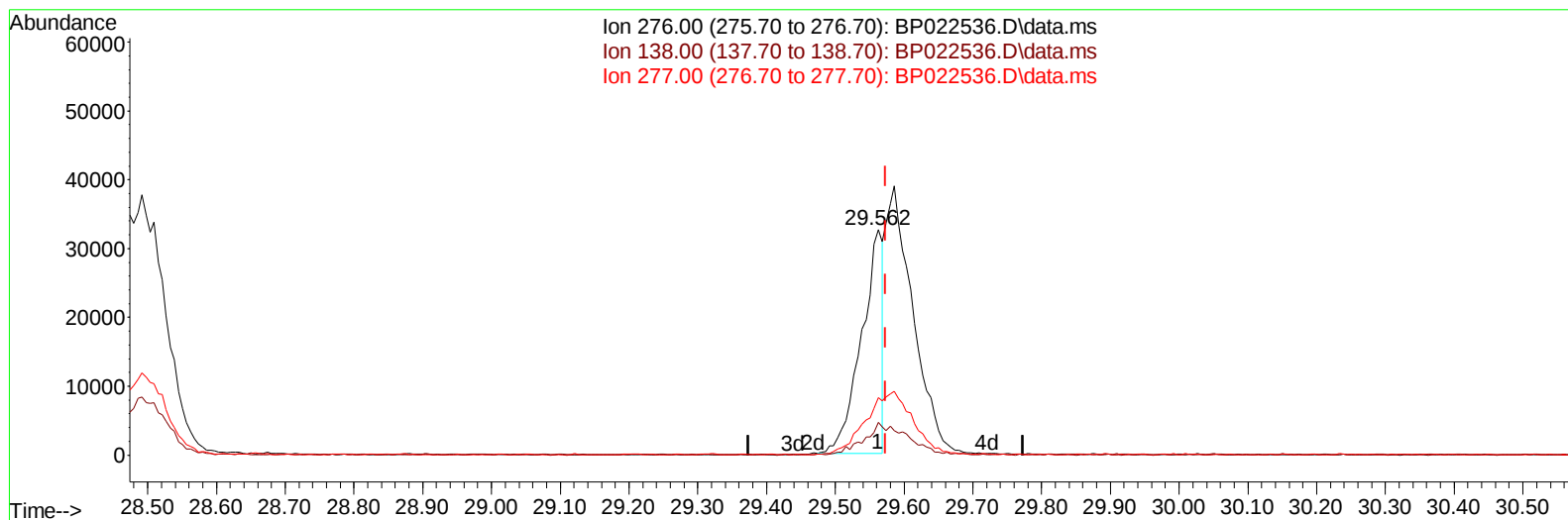
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022536.D
Acq On : 22 Oct 2024 12:26
Operator : RC/JU
Sample : P4429-02DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E94DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 22 12:52:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration



TIC: BP022536.D\data.ms

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

29.562min (-0.011) 1.45 ng/u1

response 70498

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	14.44#
277.00	23.70	25.56
0.00	0.00	0.00

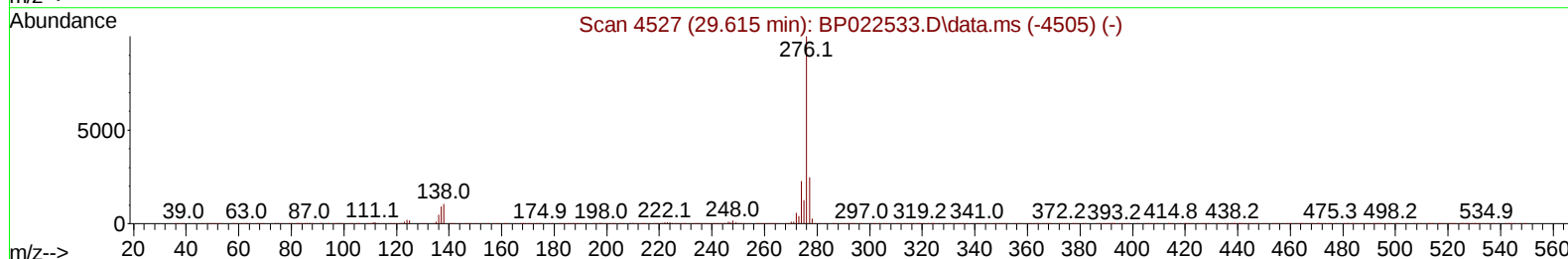
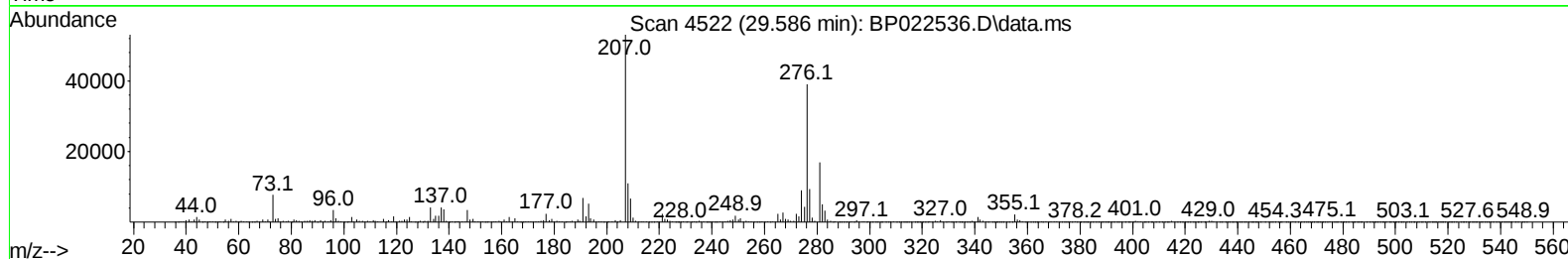
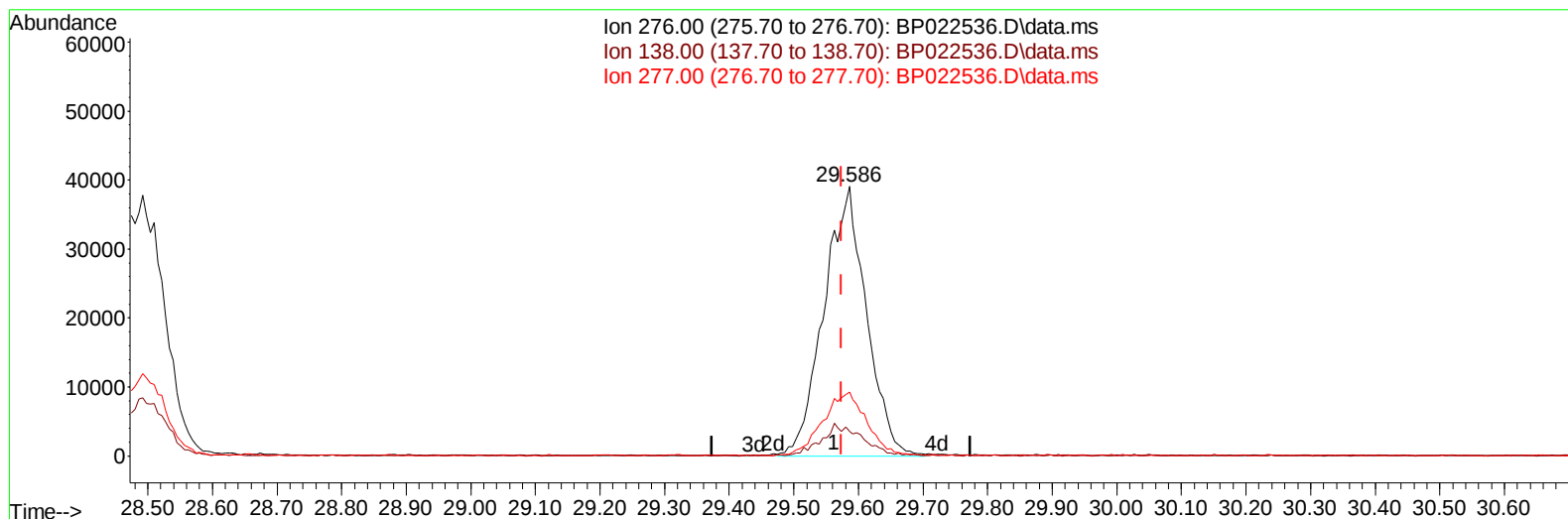
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022536.D
 Acq On : 22 Oct 2024 12:26
 Operator : RC/JU
 Sample : P4429-02DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4E94DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 22 12:52:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration



TIC: BP022536.D\data.ms

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

29.586min (+ 0.012) 3.68 ng/u1 m

response 179519

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	9.00
277.00	23.70	23.83
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022536.D
 Acq On : 22 Oct 2024 12:26
 Operator : RC/JU
 Sample : P4429-02DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4E94DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 12:56:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	93387	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	354696	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	285002	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	715805	20.000	ng/ul	-0.01
79) Chrysene-d12	21.504	240	707314	20.000	ng/ul	0.00
88) Perylene-d12	24.751	264	810593	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	1375	0.572	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.852	99	24418	3.106	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	14347	3.105	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	18812	3.373	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	18425	2.937	ng/ul	0.00
21) Nitrobenzene-d5	8.799	128	9062	3.323	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	10144	3.213	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	25658	3.823	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	18492	2.332	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	82342	3.636	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	88202	3.667	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	10582	2.786	ng/ul	0.01
60) Fluorene-d10	15.275	176	78927	4.019	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	5689	1.208	ng/ul	0.00
73) Anthracene-d10	17.181	188	133768	3.973	ng/ul	0.01
81) Pyrene-d10	19.557	212	163304	4.366	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.515	264	165671	3.827	ng/ul	-0.01
Target Compounds						
					Qvalue	
8) Phenol	6.875	94	38184	4.669	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.093	93	174834	28.563	ng/ul	100
12) 2-Chlorophenol	7.234	128	73322	12.712	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.446	70	139360	26.558	ng/ul	96
19) Hexachloroethane	8.722	117	47347	17.625	ng/ul	97
22) Nitrobenzene	8.840	77	42442	5.214	ng/ul	97
23) Isophorone	9.363	82	331918	22.740	ng/ul	98
25) 2-Nitrophenol	9.546	139	21775	6.399	ng/ul	90
27) Bis(2-Chloroethoxy)met...	9.840	93	219867	26.529	ng/ul	100
29) 2,4-Dichlorophenol	10.081	162	97620	14.772	ng/ul	100
33) Hexachlorobutadiene	10.752	225	116221	20.866	ng/ul	99
35) 4-Chloro-3-methylphenol	11.710	107	42576	5.905	ng/ul	95
36) 2-Methylnaphthalene	12.075	142	108742	7.841	ng/ul	98
41) 2,4,6-Trichlorophenol	12.687	196	157190	23.714	ng/ul	97
42) 2,4,5-Trichlorophenol	12.781	196	39629	5.615	ng/ul	92
48) 2,6-Dinitrotoluene	13.851	165	142405	33.367	ng/ul	95
50) Acenaphthylene	13.987	152	69423	2.781	ng/ul	98
52) Acenaphthene	14.340	153	294790	16.701	ng/ul	99
55) 4-Nitrophenol	14.528	109	40012	9.490	ng/ul	96
57) 2,4-Dinitrotoluene	14.651	165	140498	21.185	ng/ul	97
61) Fluorene	15.334	166	540388	25.015	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	99067	8.019	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	47770	5.534	ng/ul	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022536.D
 Acq On : 22 Oct 2024 12:26
 Operator : RC/JU
 Sample : P4429-02DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4E94DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 22 12:56:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Hexachlorobenzene	16.357	284	338540	31.862	ng/ul	99
71) Pentachlorophenol	16.716	266	181288	26.536	ng/ul	95
72) Phenanthrene	17.110	178	236959	6.188	ng/ul	99
74) Anthracene	17.222	178	232740	6.090	ng/ul	99
78) Di-n-butylphthalate	18.075	149	800020	21.381	ng/ul	100
80) Fluoranthene	19.204	202	1028801	23.925	ng/ul	98
82) Pyrene	19.580	202	449388	9.751	ng/ul	99
83) Butylbenzylphthalate	20.527	149	88846	5.537	ng/ul	95
85) Benzo(a)anthracene	21.480	228	847059	17.083	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	532510	23.120	ng/ul	100
87) Chrysene	21.545	228	1203852	26.184	ng/ul	99
90) Benzo(b)fluoranthene	23.716	252	1172680	22.983	ng/ul	99
93) Benzo(a)pyrene	24.580	252	241550	5.144	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.492	276	263066m	4.198	ng/ul	
95) Dibenzo(a,h)anthracene	28.492	278	553265m	10.903	ng/ul	
96) Benzo(g,h,i)perylene	29.586	276	179519m	3.683	ng/ul	

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

