

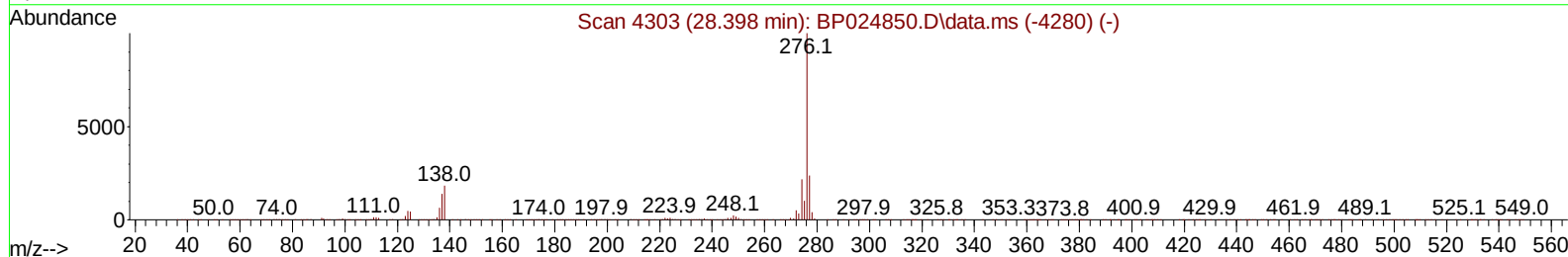
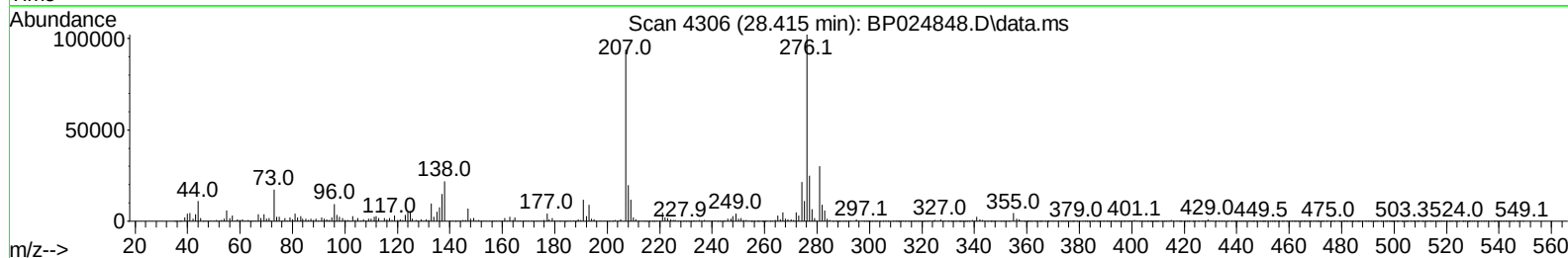
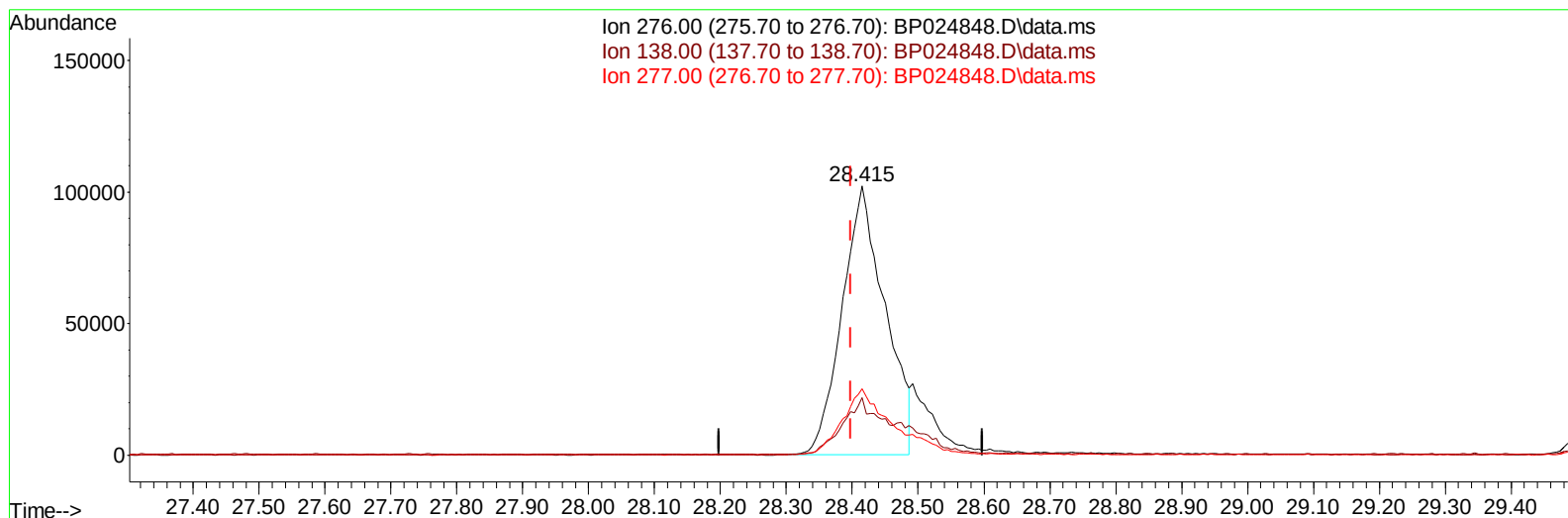
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060525\
Data File : BP024848.D
Acq On : 05 Jun 2025 10:27
Operator : RC/JU
Sample : SSTD00597
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005631

Manual IntegrationsAPPROVED

Quant Time: Jun 05 13:23:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060525.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 05 13:10:10 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



TIC: BP024848.D\data.ms

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

28.415min (+ 0.018) 3.98 ng/u1

response 462071

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.30	21.37
277.00	23.70	24.58
0.00	0.00	0.00

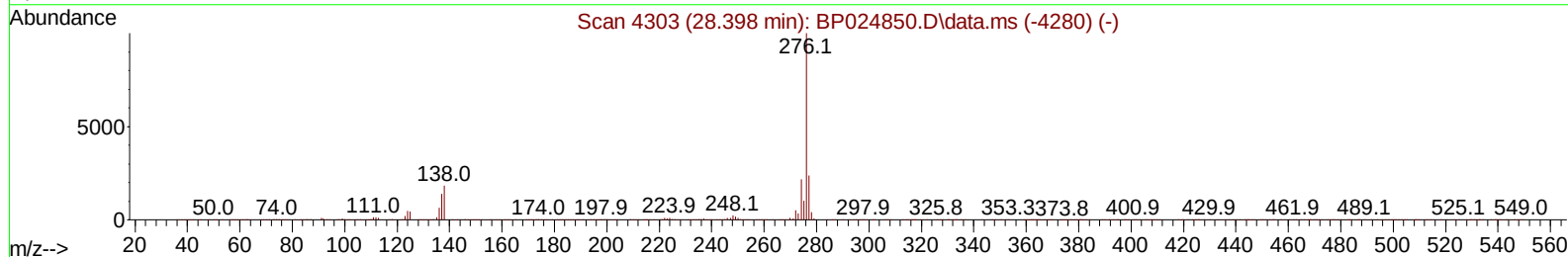
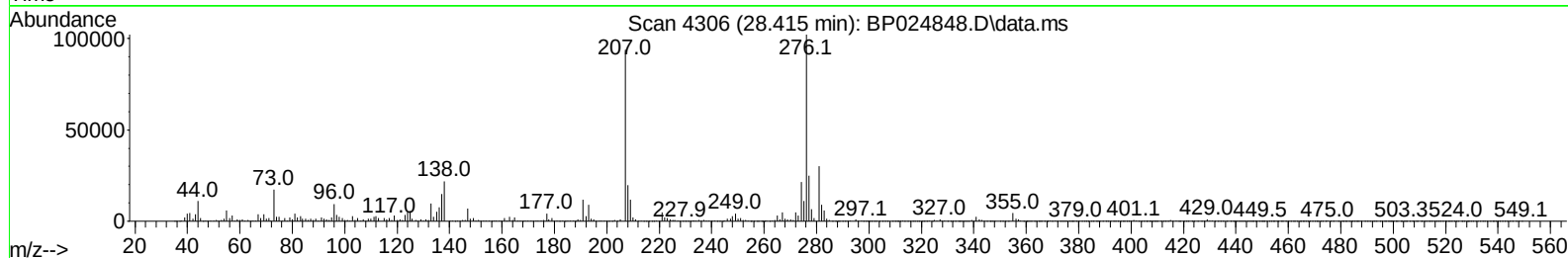
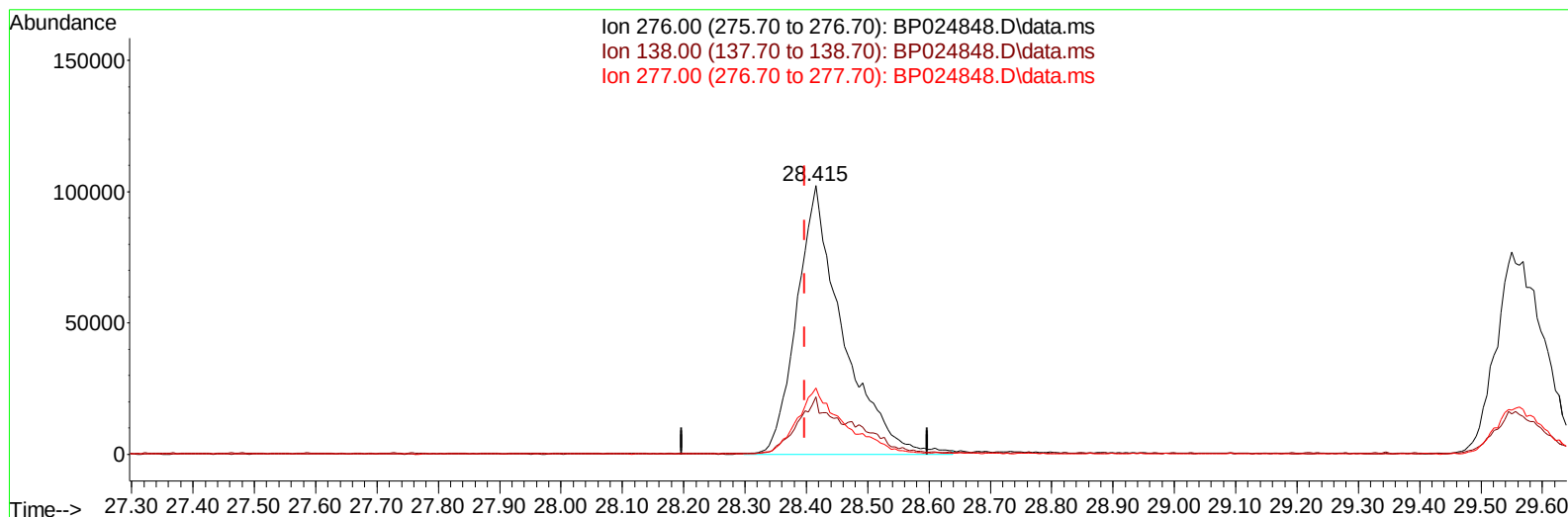
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060525\
Data File : BP024848.D
Acq On : 05 Jun 2025 10:27
Operator : RC/JU
Sample : SSTD00597
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Supervised By :Jagrut Upadhyay 06/06/2025



TIC: BP024848.D\data.ms

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

28.415min (+ 0.018) 4.59 ng/ul m

response 532115

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.30	21.37
277.00	23.70	24.58
0.00	0.00	0.00

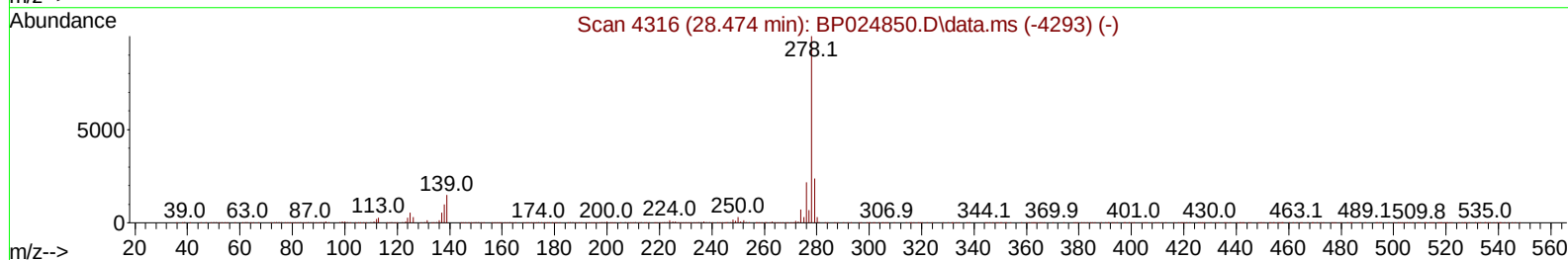
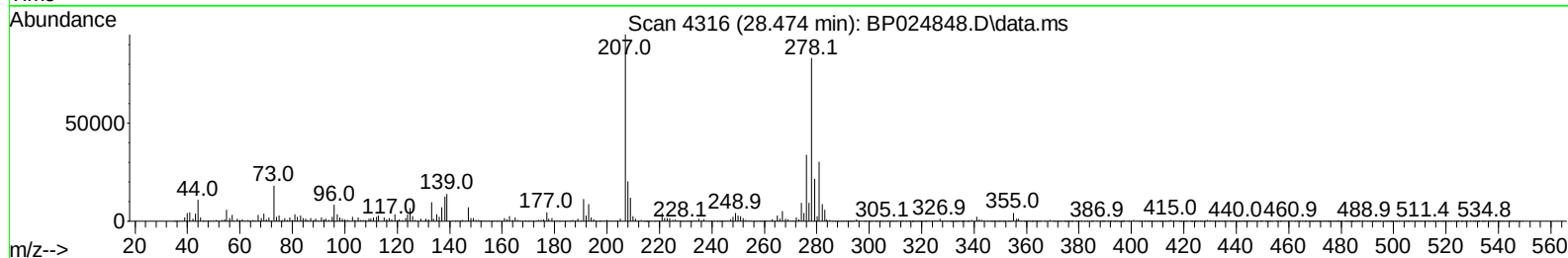
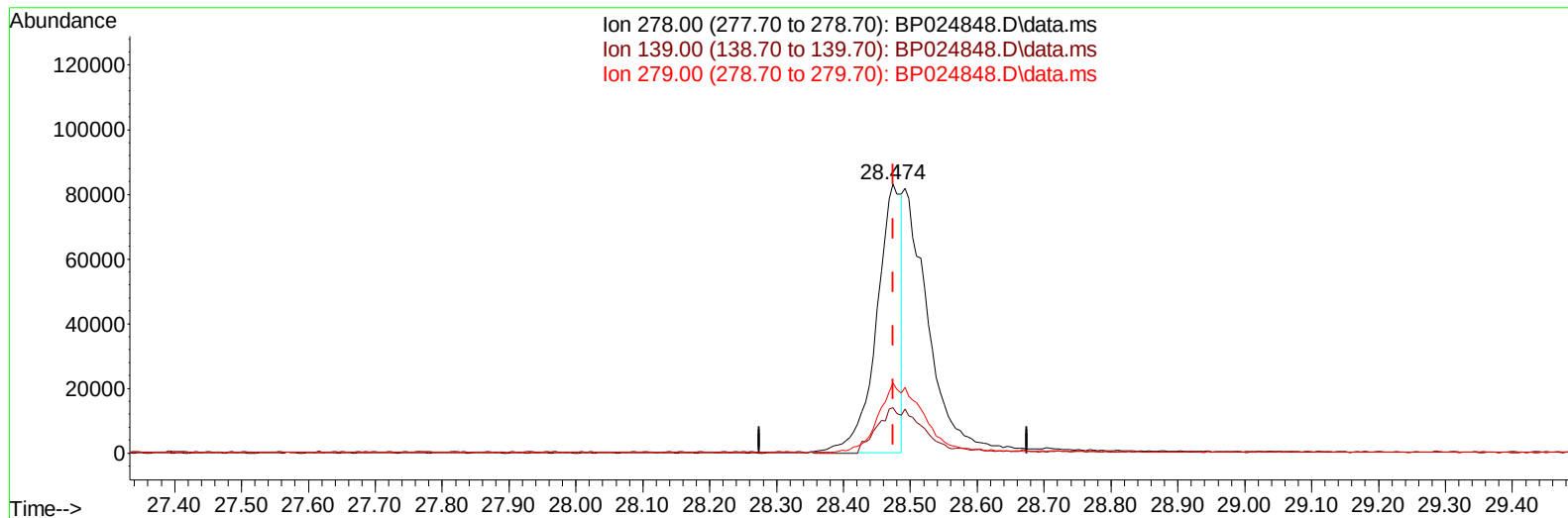
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060525\
Data File : BP024848.D
Acq On : 05 Jun 2025 10:27
Operator : RC/JU
Sample : SSTD00597
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005631

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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TIC: BP024848.D\data.ms

(95) Dibenzo(a,h)anthracene

28.474min (-0.000) 2.34 ng/u1

response 213458

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.70	16.78
279.00	23.80	26.12
0.00	0.00	0.00

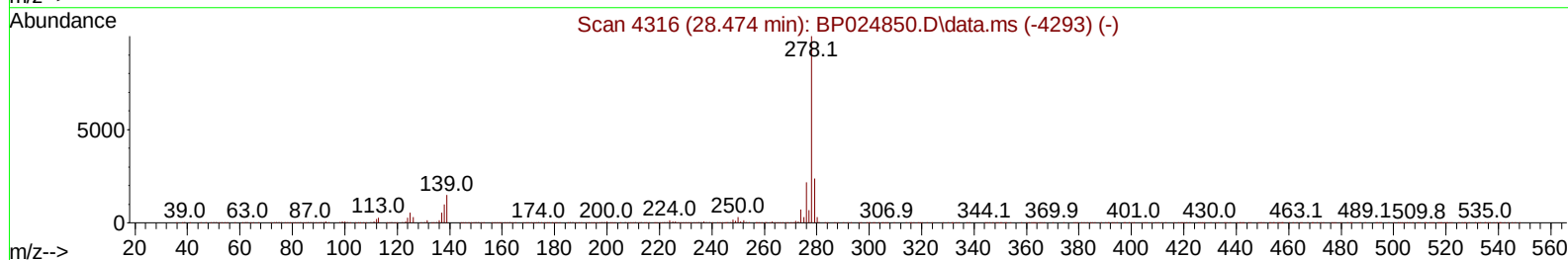
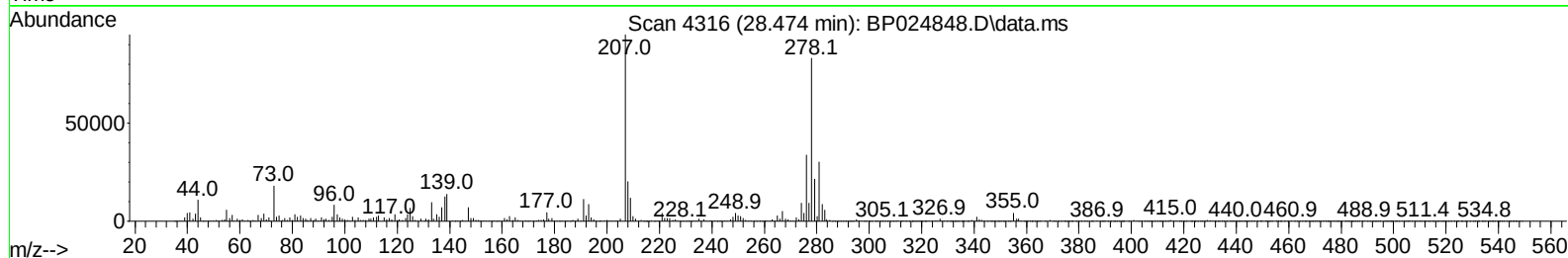
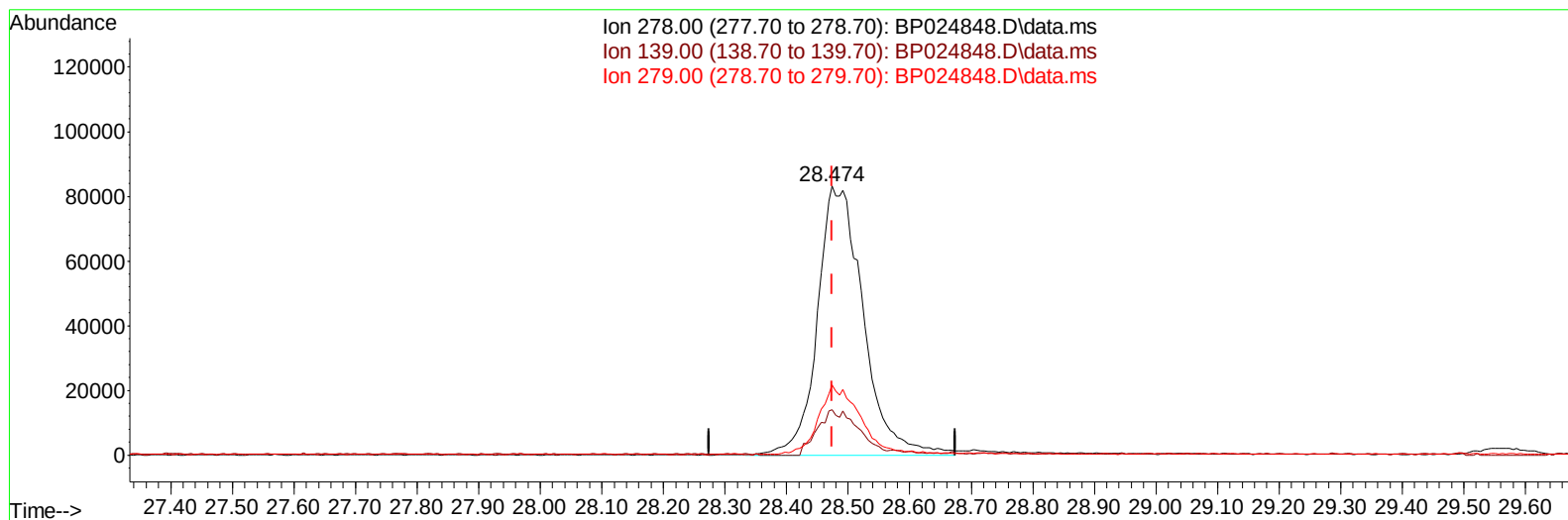
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060525\
Data File : BP024848.D
Acq On : 05 Jun 2025 10:27
Operator : RC/JU
Sample : SSTD00597
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005631

Manual IntegrationsAPPROVED

Quant Time: Jun 05 13:23:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060525.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 05 13:10:10 2025
Response via : Initial Calibration

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TIC: BP024848.D\data.ms

(95) Dibenzo(a,h)anthracene

28.474min (-0.000) 4.70 ng/ul m

response 429415

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.70	16.78
279.00	23.80	26.12
0.00	0.00	0.00

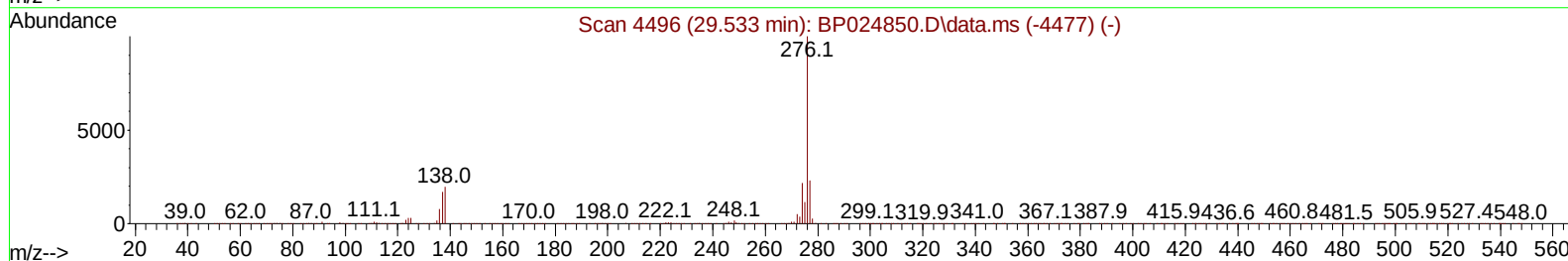
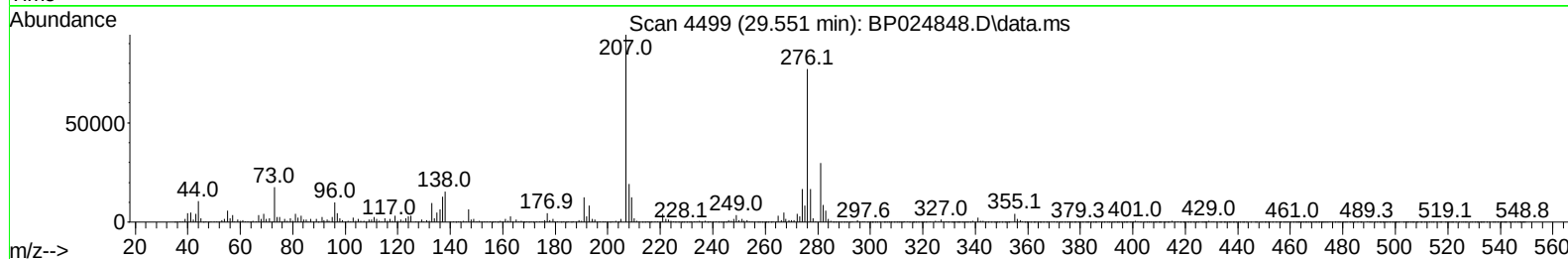
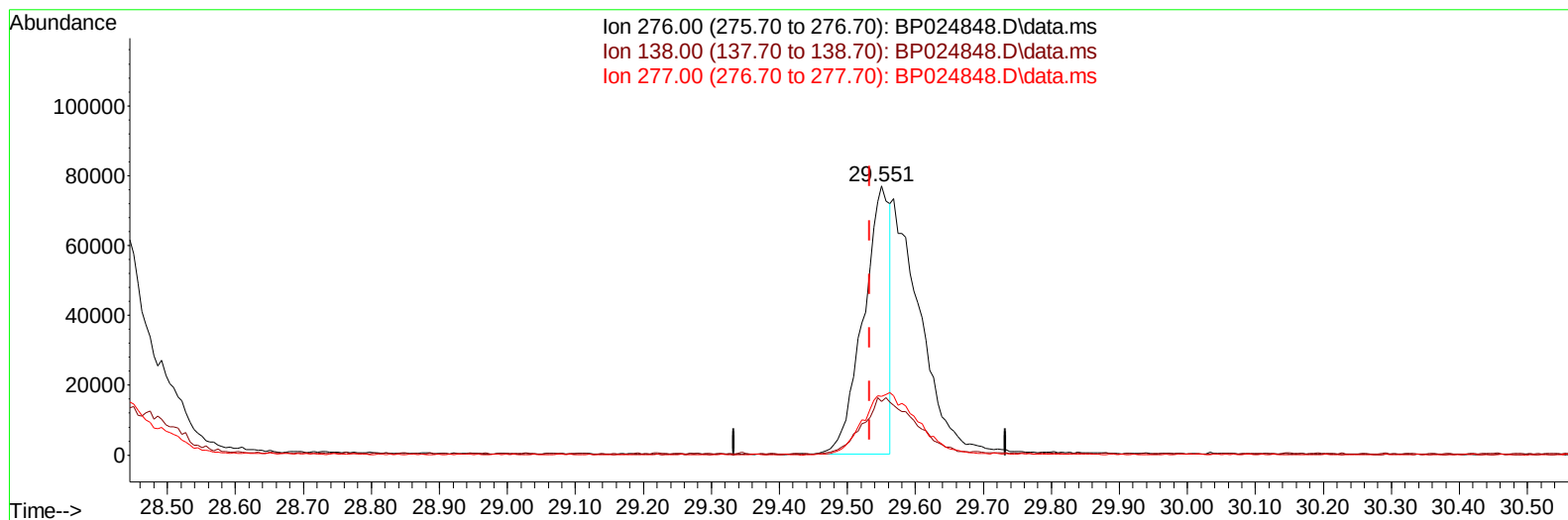
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060525\
Data File : BP024848.D
Acq On : 05 Jun 2025 10:27
Operator : RC/JU
Sample : SSTD00597
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005631

Manual IntegrationsAPPROVED

Quant Time: Jun 05 13:23:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060525.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BP024848.D\data.ms

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

29.551min (+ 0.018) 2.32 ng/u1

response 208410

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.70	19.99
277.00	23.20	21.77
0.00	0.00	0.00

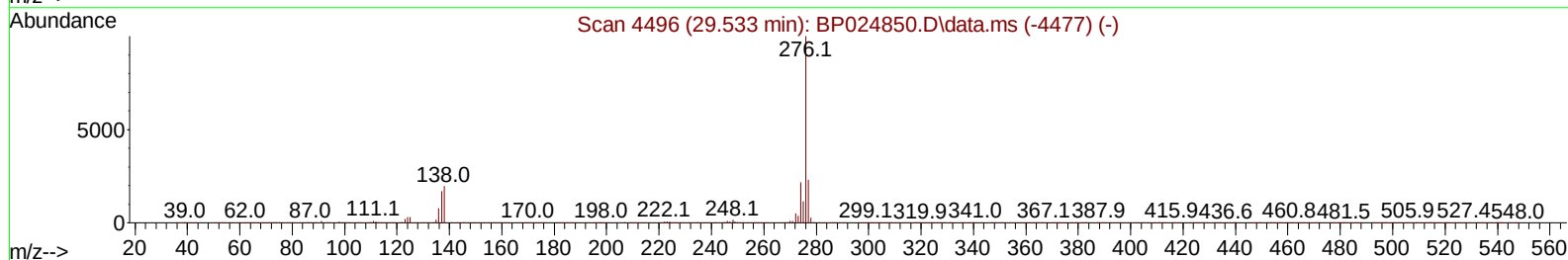
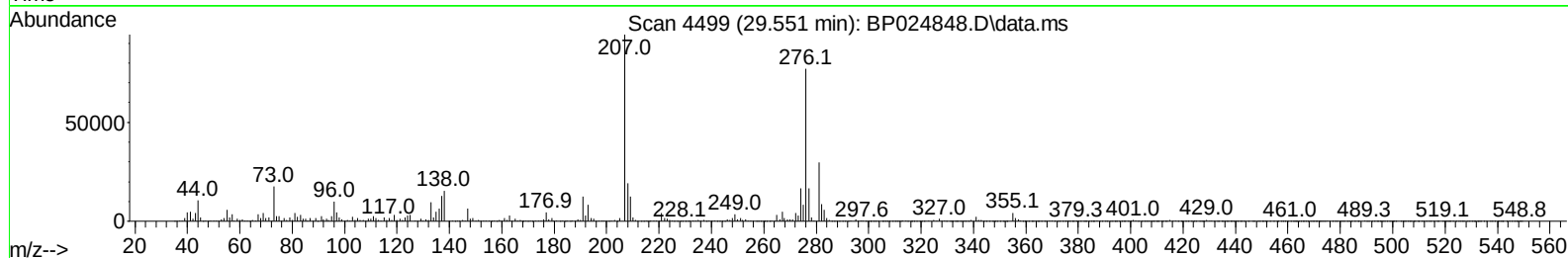
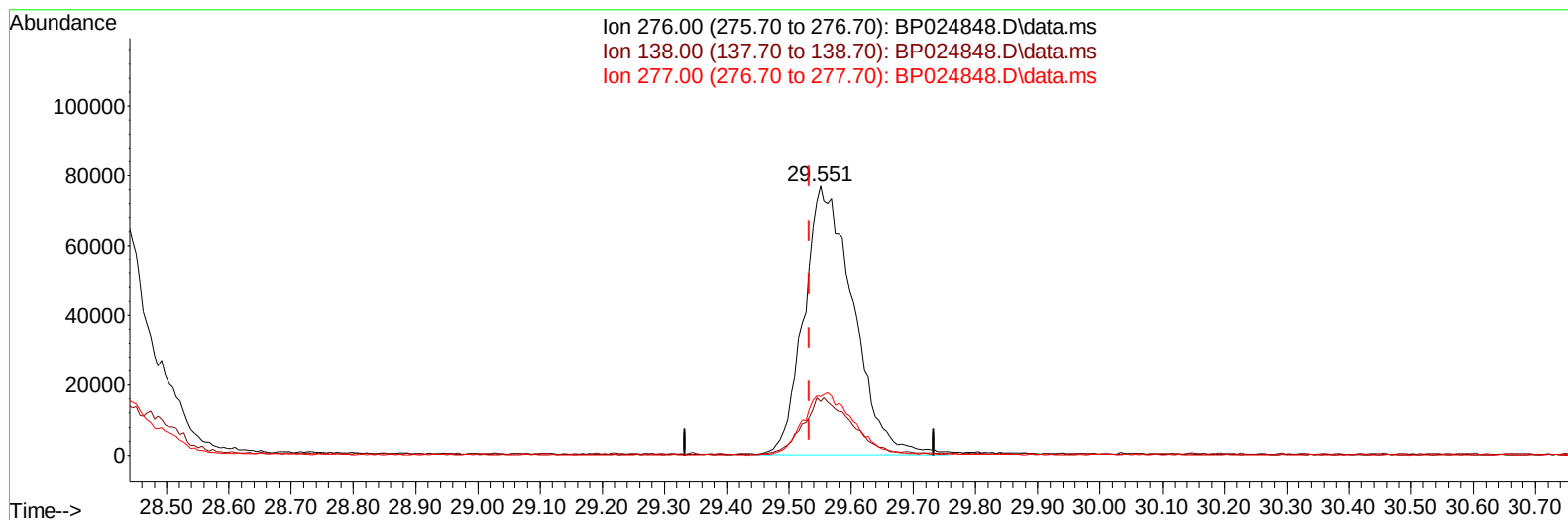
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060525\
Data File : BP024848.D
Acq On : 05 Jun 2025 10:27
Operator : RC/JU
Sample : SSTD00597
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005631

Manual IntegrationsAPPROVED

Quant Time: Jun 05 13:23:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060525.MA.M
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QLast Update : Thu Jun 05 13:10:10 2025
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TIC: BP024848.D\data.ms

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

29.551min (+ 0.018) 4.73 ng/ul m

response 424817

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.70	19.99
277.00	23.20	21.77
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060525\
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 Acq On : 05 Jun 2025 10:27
 Operator : RC/JU
 Sample : SSTD00597
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005631

Manual IntegrationsAPPROVED

Quant Time: Jun 05 13:59:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 05 13:10:10 2025
 Response via : Initial Calibration

Reviewed By :Rahul Chavli 06/06/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	233202	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.363	136	949642	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.245	164	623631	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	1273678	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1394964	20.000	ng/ul	0.00
88) Perylene-d12	24.733	264	1591729	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	11875	1.995	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.146	132	69363	4.567	ng/ul	-0.02
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.746	128	33686	4.683	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.463	143	35098	4.316	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	61620	4.468	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.651	166	222844	4.807	ng/ul	-0.01
49) Acenaphthylene-d8	13.934	160	244653	4.754	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.263	176	185409	4.927	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.157	188	292158	4.787	ng/ul	0.00
81) Pyrene-d10	19.533	212	346799	4.809	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.510	264	387846	4.778	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.158	88	13261	2.077	ng/ul#	94
12) 2-Chlorophenol	7.175	128	70287	4.454	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.399	70	54004	4.373	ng/ul	97
19) Hexachloroethane	8.652	117	31412	4.696	ng/ul	99
22) Nitrobenzene	8.793	77	76558	4.566	ng/ul	98
23) Isophorone	9.310	82	160030	4.788	ng/ul	97
25) 2-Nitrophenol	9.499	139	38421	4.368	ng/ul	93
26) 2,4-Dimethylphenol	9.581	107	76121	4.635	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.787	93	91671	4.718	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	63272	4.537	ng/ul	95
30) Naphthalene	10.410	128	241443	4.903	ng/ul	100
33) Hexachlorobutadiene	10.693	225	47178	4.944	ng/ul	99
35) 4-Chloro-3-methylphenol	11.710	107	69948	4.449	ng/ul	96
36) 2-Methylnaphthalene	12.040	142	169508	4.983	ng/ul	99
37) 1-Methylnaphthalene	12.257	142	168836	4.937	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.410	216	87891	4.832	ng/ul	97
41) 2,4,6-Trichlorophenol	12.681	196	49934	4.344	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	51054	4.314	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	218764	4.866	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	166675	4.783	ng/ul	100
45) 2-Nitroaniline	13.340	65	40939	4.001	ng/ul	96
47) Dimethylphthalate	13.698	163	225751	4.912	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	39044	4.177	ng/ul	98

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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

50) Acenaphthylene	13.963	152	256846	4.821	ng/ul	100
52) Acenaphthene	14.310	153	186294	4.789	ng/ul	99
56) Dibenzofuran	14.657	168	260904	4.944	ng/ul	98
57) 2,4-Dinitrotoluene	14.645	165	61732	4.568	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.910	232	47759	4.543	ng/ul	92
59) Diethylphthalate	15.087	149	236063	5.004	ng/ul	98
61) Fluorene	15.316	166	210446	4.934	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.310	204	105589	5.022	ng/ul	95
67) N-Nitrosodiphenylamine	15.540	169	183561	4.809	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	67932	4.822	ng/ul	96
69) Hexachlorobenzene	16.340	284	80955	4.751	ng/ul	98
72) Phenanthrene	17.098	178	338808	4.861	ng/ul	99
74) Anthracene	17.192	178	330737	4.729	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.028	216	88423	4.669	ng/uL	99
76) Pentachlorobenzene	14.575	250	92865	4.849	ng/uL	98
78) Di-n-butylphthalate	18.069	149	422459	5.125	ng/ul	100
80) Fluoranthene	19.192	202	396780	4.747	ng/ul	99
82) Pyrene	19.569	202	427492	4.768	ng/ul	98
83) Butylbenzylphthalate	20.510	149	194652	4.829	ng/ul	98
85) Benzo(a)anthracene	21.463	228	435020	4.911	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	301914	5.056	ng/ul	99
87) Chrysene	21.527	228	415687	4.938	ng/ul	99
90) Benzo(b)fluoranthene	23.704	252	435980	4.780	ng/ul	99
91) Benzo(k)fluoranthene	23.774	252	449915	4.871	ng/ul	99
93) Benzo(a)pyrene	24.574	252	402141	4.706	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.415	276	532115m	4.586	ng/ul	
95) Dibenzo(a,h)anthracene	28.474	278	429415m	4.701	ng/ul	
96) Benzo(g,h,i)perylene	29.551	276	424817m	4.725	ng/ul	

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

