

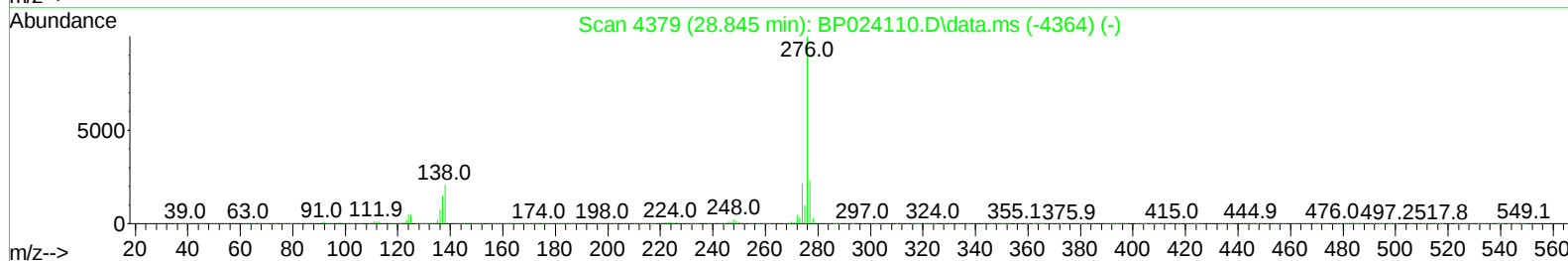
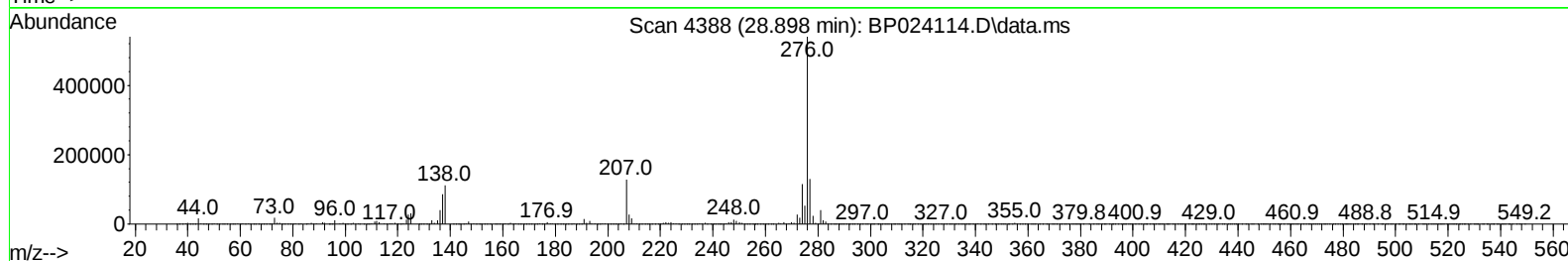
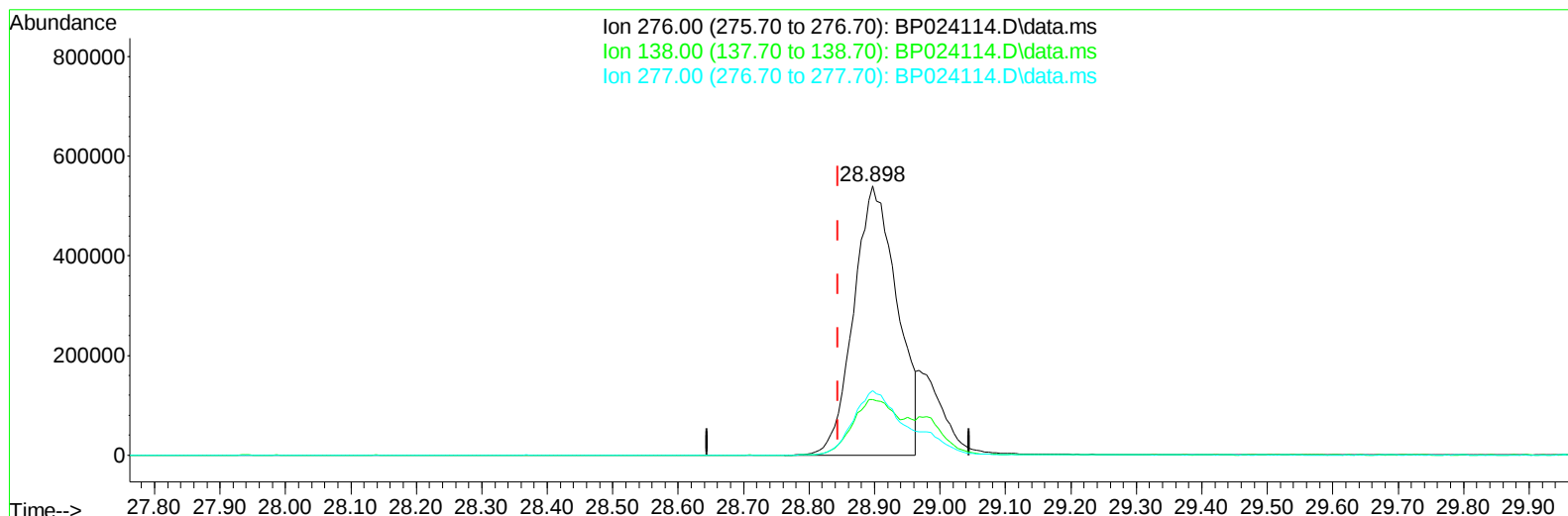
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022625\
Data File : BP024114.D
Acq On : 26 Feb 2025 14:32
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Feb 26 14:54:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 14:08:49 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/26/2025
Supervised By :mohammad ahmed 02/28/2025



TIC: BP024114.D\data.ms

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

28.898min (+ 0.053) 18.21 ng/u1

response 2485556

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.76
277.00	23.70	24.03
0.00	0.00	0.00

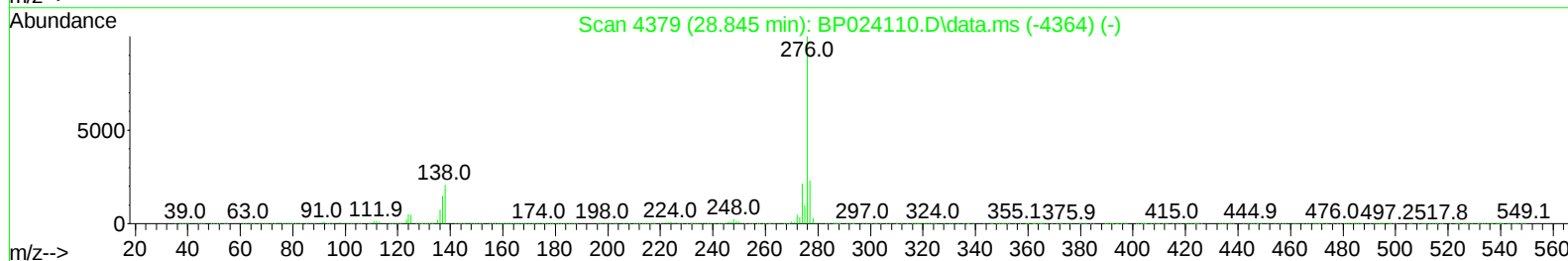
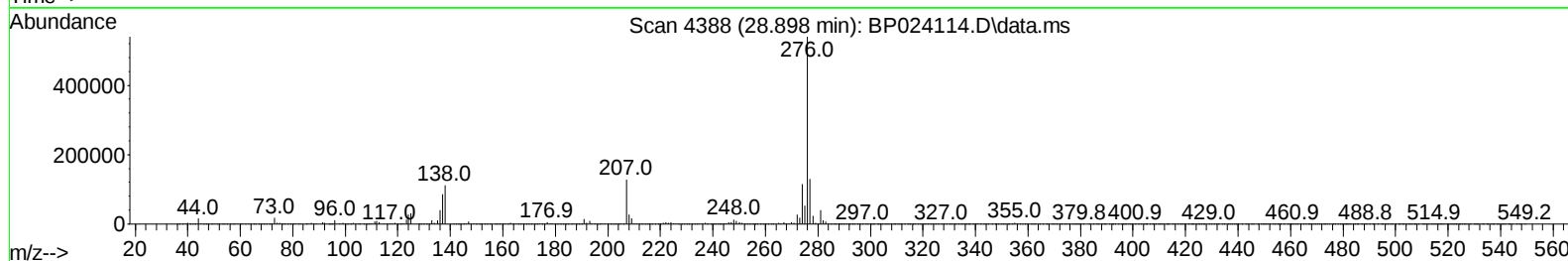
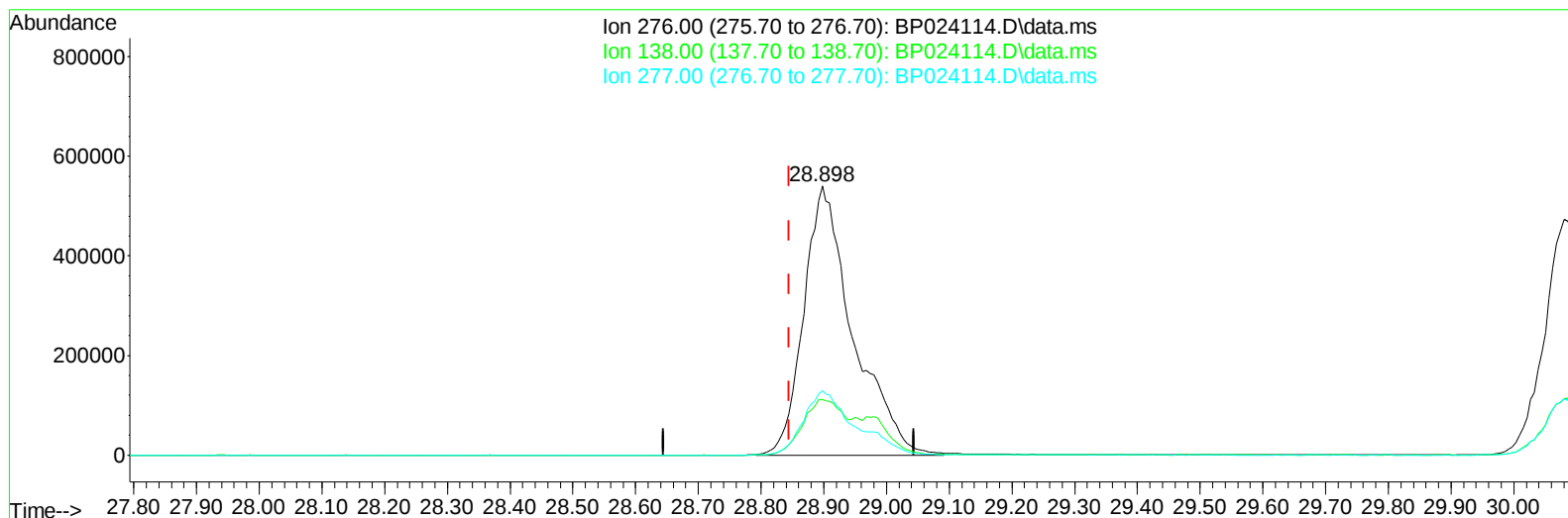
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(94) Indeno(1,2,3-cd)pyrene

28.898min (+ 0.053) 21.53 ng/ul m

response 2940039

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.76
277.00	23.70	24.03
0.00	0.00	0.00

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Quant Time: Feb 26 14:57:46 2025
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 QLast Update : Wed Feb 26 14:08:49 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	477927	20.00	ng/ul	-0.03
20) Naphthalene-d8	10.522	136	2088592	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.392	164	1278657	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	2266564	20.00	ng/ul	0.00
79) Chrysene-d12	21.663	240	1915138	20.00	ng/ul	# 0.02
88) Perylene-d12	25.051	264	1858843	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	97962	8.52	ng/uL	-0.02
4) Pyridine-d5	3.664	84	739336	22.27	ng/ul	-0.02
7) Phenol-d5	6.905	99	886435	20.96	ng/ul	-0.03
9) Bis-(2-Chloroethyl)eth...	7.063	67	560548	25.04	ng/ul	-0.03
11) 2-Chlorophenol-d4	7.269	132	696391	20.97	ng/ul	-0.03
15) 4-Methylphenol-d8	8.440	113	718035	20.78	ng/ul	-0.02
21) Nitrobenzene-d5	8.875	128	357173	21.37	ng/ul	-0.03
24) 2-Nitrophenol-d4	9.604	143	354516	19.66	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.140	165	671990	20.32	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.657	131	1026438	20.75	ng/ul	0.00
46) Dimethylphthalate-d6	13.792	166	1926608	20.20	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	2318724	21.56	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.616	143	336096	17.74	ng/ul	0.01
60) Fluorene-d10	15.404	176	1660820	20.68	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	261189	18.68	ng/ul	0.00
73) Anthracene-d10	17.310	188	2421503	21.76	ng/ul	0.01
81) Pyrene-d10	19.686	212	2435449	23.73	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.821	264	2064404	21.29	ng/ul	0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	105127	8.69	ng/uL	98
5) Pyridine	3.681	79	754862	22.72	ng/ul	97
6) Benzaldehyde	6.875	77	588910	28.37	ng/ul	95
8) Phenol	6.934	94	946416	21.79	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.157	93	771715	23.34	ng/ul	96
12) 2-Chlorophenol	7.299	128	738671	21.59	ng/ul	96
13) 2-Methylphenol	8.169	108	686113	21.00	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.246	45	870285	25.52	ng/ul	99
16) Acetophenone	8.540	105	1197632	22.67	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.528	70	592443	23.82	ng/ul	97
18) 4-Methylphenol	8.499	108	777165	21.44	ng/ul	99
19) Hexachloroethane	8.804	117	302274	22.34	ng/ul	92
22) Nitrobenzene	8.922	77	862666	23.79	ng/ul	94
23) Isophorone	9.446	82	1582460	21.61	ng/ul	96
25) 2-Nitrophenol	9.634	139	407696	20.73	ng/ul	96
26) 2,4-Dimethylphenol	9.699	107	789473	21.69	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.934	93	1032571	22.64	ng/ul	99
29) 2,4-Dichlorophenol	10.163	162	686027	20.45	ng/ul	97
30) Naphthalene	10.569	128	2448247	21.90	ng/ul	100
32) 4-Chloroaniline	10.681	127	999235	21.40	ng/ul	99
33) Hexachlorobutadiene	10.857	225	416914	20.53	ng/ul	100
34) Caprolactam	11.457	113	206017	15.85	ng/ul	93
35) 4-Chloro-3-methylphenol	11.816	107	712880	19.77	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.187	142	1675738	21.32	ng/ul	100
37) 1-Methylnaphthalene	12.410	142	1664996	21.35	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	822641	21.76	ng/ul	98
40) Hexachlorocyclopentadiene	12.545	237	460792	21.63	ng/ul	98
41) 2,4,6-Trichlorophenol	12.804	196	504278	19.97	ng/ul	98
42) 2,4,5-Trichlorophenol	12.887	196	548471	20.15	ng/ul	99
43) 1,1'-Biphenyl	13.216	154	2123818	22.38	ng/ul	99
44) 2-Chloronaphthalene	13.257	162	1626548	21.99	ng/ul	99
45) 2-Nitroaniline	13.463	65	415936	21.61	ng/ul	91
47) Dimethylphthalate	13.845	163	1919899	20.23	ng/ul	100
48) 2,6-Dinitrotoluene	13.969	165	374119	20.17	ng/ul	95
50) Acenaphthylene	14.110	152	2530402	22.09	ng/ul	100
51) 3-Nitroaniline	14.304	138	403193	19.78	ng/ul	91
52) Acenaphthene	14.457	153	1790545	22.05	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	177257	16.03	ng/ul	98
55) 4-Nitrophenol	14.628	109	247683	18.48	ng/ul	93
56) Dibenzofuran	14.798	168	2384995	21.19	ng/ul	100
57) 2,4-Dinitrotoluene	14.763	165	536158	19.44	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.034	232	429905	18.56	ng/ul	91
59) Diethylphthalate	15.245	149	1886774	19.84	ng/ul	100
61) Fluorene	15.457	166	1931516	20.69	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	954325	20.65	ng/ul	97
63) 4-Nitroaniline	15.481	138	399952	20.17	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.534	198	292060	19.00	ng/ul	96
67) N-Nitrosodiphenylamine	15.686	169	1581187	22.86	ng/ul	100
68) 4-Bromophenyl-phenylether	16.375	248	555545	21.72	ng/ul	96
69) Hexachlorobenzene	16.492	284	648416	20.93	ng/ul	98
70) Atrazine	16.663	200	525796	19.63	ng/ul	97
71) Pentachlorophenol	16.851	266	349714	18.35	ng/ul	99
72) Phenanthrene	17.257	178	2816833	22.01	ng/ul	100
74) Anthracene	17.345	178	2846796	22.05	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.169	216	804965	24.25	ng/uL	99
76) Pentachlorobenzene	14.722	250	825531	23.08	ng/uL	99
77) Carbazole	17.628	167	2468854	21.83	ng/ul	100
78) Di-n-butylphthalate	18.222	149	2850086	20.36	ng/ul	100
80) Fluoranthene	19.333	202	2875572	24.33	ng/ul#	95
82) Pyrene	19.710	202	3095946	25.05	ng/ul#	94
83) Butylbenzylphthalate	20.669	149	1071507	20.13	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.568	252	744318	17.96	ng/ul	99
85) Benzo(a)anthracene	21.645	228	2769789	21.99	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	1590628	20.48	ng/ul	98
87) Chrysene	21.710	228	2550209	21.98	ng/ul	99
89) Di-n-octyl phthalate	22.886	149	2246132	20.16	ng/ul	100
90) Benzo(b)fluoranthene	23.980	252	2460471	21.81	ng/ul	99
91) Benzo(k)fluoranthene	24.051	252	2511648	22.21	ng/ul	99
93) Benzo(a)pyrene	24.898	252	2298191	21.82	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.898	276	2940039m	21.53	ng/ul	
95) Dibenzo(a,h)anthracene	28.980	278	2435504	21.99	ng/ul	98
96) Benzo(g,h,i)perylene	30.080	276	2271479	21.72	ng/ul	98

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

