Quantitation Report (Qedit)

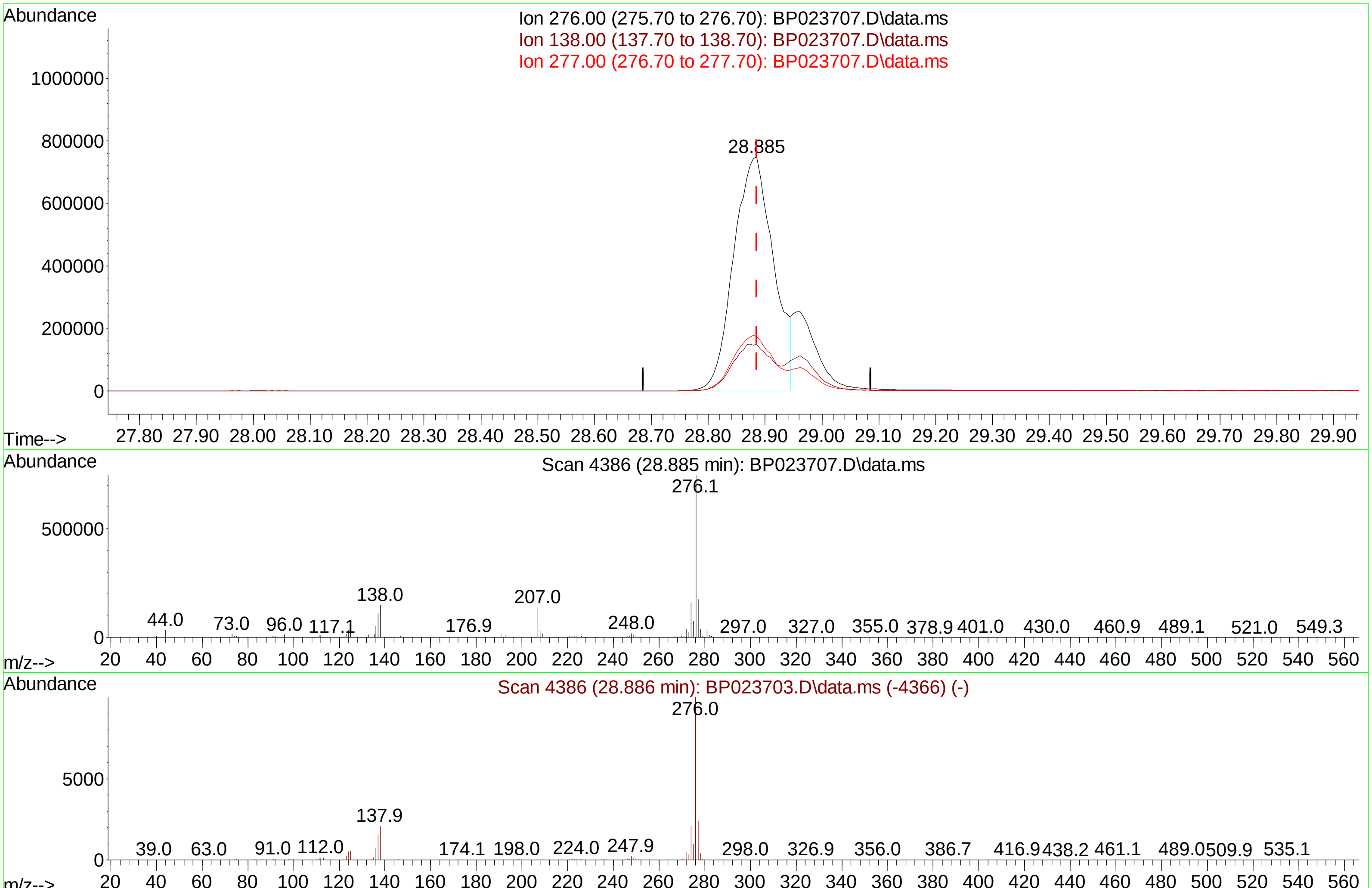
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012225\
Data File : BP023707.D
Acq On : 22 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 23 00:12:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 00:03:00 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SICV615

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/23/2025
Supervised By :mohammad ahmed 01/24/2025



TIC: BP023707.D\data.ms

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

28.885min (-0.000) 16.61 ng/ul

response 3642121

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	19.87
277.00	24.00	23.24
0.00	0.00	0.00

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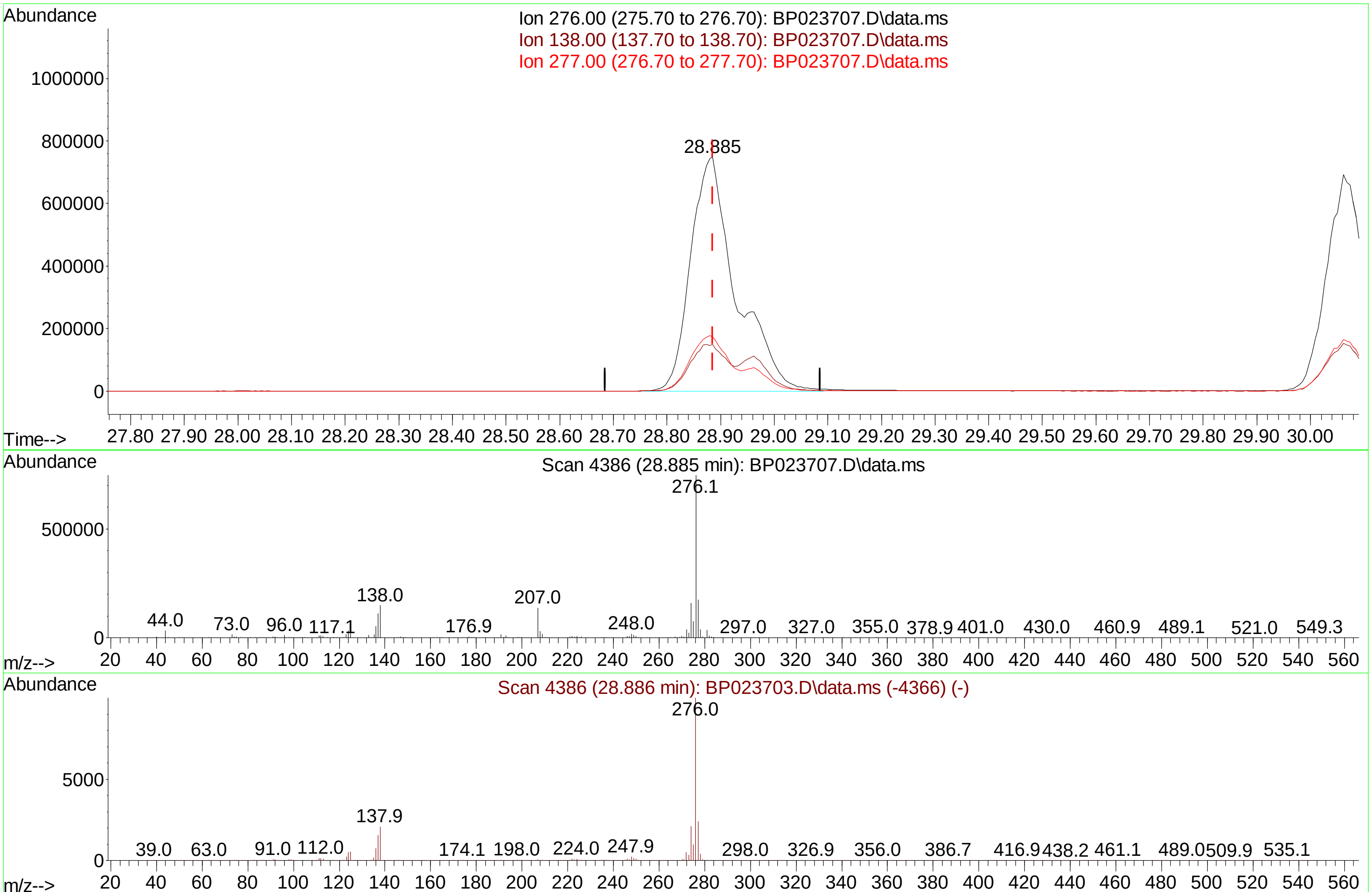

TIC: BP023707.D\data.ms

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

28.885min (-0.000) 20.04 ng/ul m

response 4394487

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	19.87
277.00	24.00	23.24
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	522833	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	2278543	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	1503269	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	2904426	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	3051533	20.000	ng/ul	0.00
88) Perylene-d12	25.033	264	3155777	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	100260	7.724	ng/uL	0.00
4) Pyridine-d5	3.704	84	751111	20.052	ng/ul	0.00
7) Phenol-d5	6.957	99	927193	20.958	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	580397	23.226	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	744961	22.150	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	754578	21.691	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	367254	21.393	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	355772	22.605	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	733876	22.183	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	1126673	21.295	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	2274609	21.040	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	2667319	21.318	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	426966	19.655	ng/ul	0.00
60) Fluorene-d10	15.416	176	1922256	20.771	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	268842	18.796	ng/ul	0.00
73) Anthracene-d10	17.310	188	2943137	21.107	ng/ul	0.00
81) Pyrene-d10	19.674	212	3398956	21.890	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.803	264	3406798	21.568	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	104645	7.620	ng/uL	99
5) Pyridine	3.728	79	659315	17.410	ng/ul	97
6) Benzaldehyde	6.940	77	495398	22.282	ng/ul	98
8) Phenol	6.981	94	912309	19.708	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.216	93	729874	20.267	ng/ul	100
12) 2-Chlorophenol	7.363	128	734607	20.604	ng/ul	99
13) 2-Methylphenol	8.222	108	684476	20.376	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.310	45	761754	20.393	ng/ul	99
16) Acetophenone	8.598	105	1181482	21.147	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.587	70	549206	21.248	ng/ul	99
18) 4-Methylphenol	8.545	108	755930	20.239	ng/ul	98
19) Hexachloroethane	8.869	117	290497	19.936	ng/ul	97
22) Nitrobenzene	8.975	77	789285	19.678	ng/ul	99
23) Isophorone	9.498	82	1538178	20.163	ng/ul	100
25) 2-Nitrophenol	9.681	139	389760	21.093	ng/ul	98
26) 2,4-Dimethylphenol	9.739	107	675630	17.642	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.981	93	990422	20.035	ng/ul	100
29) 2,4-Dichlorophenol	10.216	162	692824	20.257	ng/ul	99
30) Naphthalene	10.622	128	2429176	19.810	ng/ul	100
32) 4-Chloroaniline	10.716	127	1032356	20.439	ng/ul	99
33) Hexachlorobutadiene	10.916	225	432732	20.100	ng/ul	99
34) Caprolactam	11.475	113	243525	19.411	ng/ul	97
35) 4-Chloro-3-methylphenol	11.839	107	721554	20.366	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.228	142	1716805	20.733 ng/ul	100
37) 1-Methylnaphthalene	12.445	142	1599676	19.326 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.598	216	882768	19.770 ng/ul	98
40) Hexachlorocyclopentadiene	12.586	237	492678	21.655 ng/ul	99
41) 2,4,6-Trichlorophenol	12.833	196	529349	20.164 ng/ul	99
42) 2,4,5-Trichlorophenol	12.904	196	575506	19.848 ng/ul	98
43) 1,1'-Biphenyl	13.239	154	2277637	20.136 ng/ul	99
44) 2-Chloronaphthalene	13.280	162	1685844	19.143 ng/ul	99
45) 2-Nitroaniline	13.475	65	417215	19.949 ng/ul	98
47) Dimethylphthalate	13.869	163	2075306	19.121 ng/ul	99
48) 2,6-Dinitrotoluene	13.975	165	424915	21.950 ng/ul	99
50) Acenaphthylene	14.133	152	2706799	19.952 ng/ul	99
51) 3-Nitroaniline	14.304	138	498638	22.072 ng/ul	98
52) Acenaphthene	14.474	153	1859127	19.382 ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	194067	20.420 ng/ul	92
55) 4-Nitrophenol	14.610	109	294291	18.461 ng/ul	97
56) Dibenzofuran	14.816	168	2587762	19.614 ng/ul	100
57) 2,4-Dinitrotoluene	14.769	165	590514	20.389 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.045	232	513084	21.546 ng/ul	98
59) Diethylphthalate	15.251	149	2072917	19.419 ng/ul	99
61) Fluorene	15.474	166	2115550	19.242 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	1024932	19.046 ng/ul	99
63) 4-Nitroaniline	15.474	138	535866	23.313 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.545	198	297497	18.495 ng/ul	95
67) N-Nitrosodiphenylamine	15.686	169	1784760	20.460 ng/ul	100
68) 4-Bromophenyl-phenylether	16.380	248	625866	20.127 ng/ul	98
69) Hexachlorobenzene	16.498	284	757264	20.012 ng/ul	94
70) Atrazine	16.657	200	617018	19.176 ng/ul	99
71) Pentachlorophenol	16.845	266	426324	18.651 ng/ul	99
72) Phenanthrene	17.251	178	3208103	19.550 ng/ul	99
74) Anthracene	17.339	178	3257702	19.986 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	828230	19.656 ng/uL	99
76) Pentachlorobenzene	14.739	250	846863	18.920 ng/uL	100
77) Carbazole	17.615	167	3046259	21.278 ng/ul	100
78) Di-n-butylphthalate	18.221	149	3424220	21.019 ng/ul	100
80) Fluoranthene	19.327	202	3681607	20.852 ng/ul	100
82) Pyrene	19.704	202	3957419	20.638 ng/ul	98
83) Butylbenzylphthalate	20.657	149	1406932	20.344 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.551	252	1307371	24.276 ng/ul	99
85) Benzo(a)anthracene	21.633	228	3971852	20.531 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.592	149	2164916	20.992 ng/ul	99
87) Chrysene	21.698	228	3684560	20.344 ng/ul	100
89) Di-n-octyl phthalate	22.892	149	3140883	19.854 ng/ul	100
90) Benzo(b)fluoranthene	23.962	252	3774777	20.135 ng/ul	99
91) Benzo(k)fluoranthene	24.033	252	3827542	19.805 ng/ul	100
93) Benzo(a)pyrene	24.880	252	3630603	20.577 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.885	276	4394487m	20.039 ng/ul	
95) Dibenzo(a,h)anthracene	28.962	278	3639737	20.430 ng/ul	99
96) Benzo(g,h,i)perylene	30.062	276	3336580	19.778 ng/ul	99

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

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