Quantitation Report (Qedit)

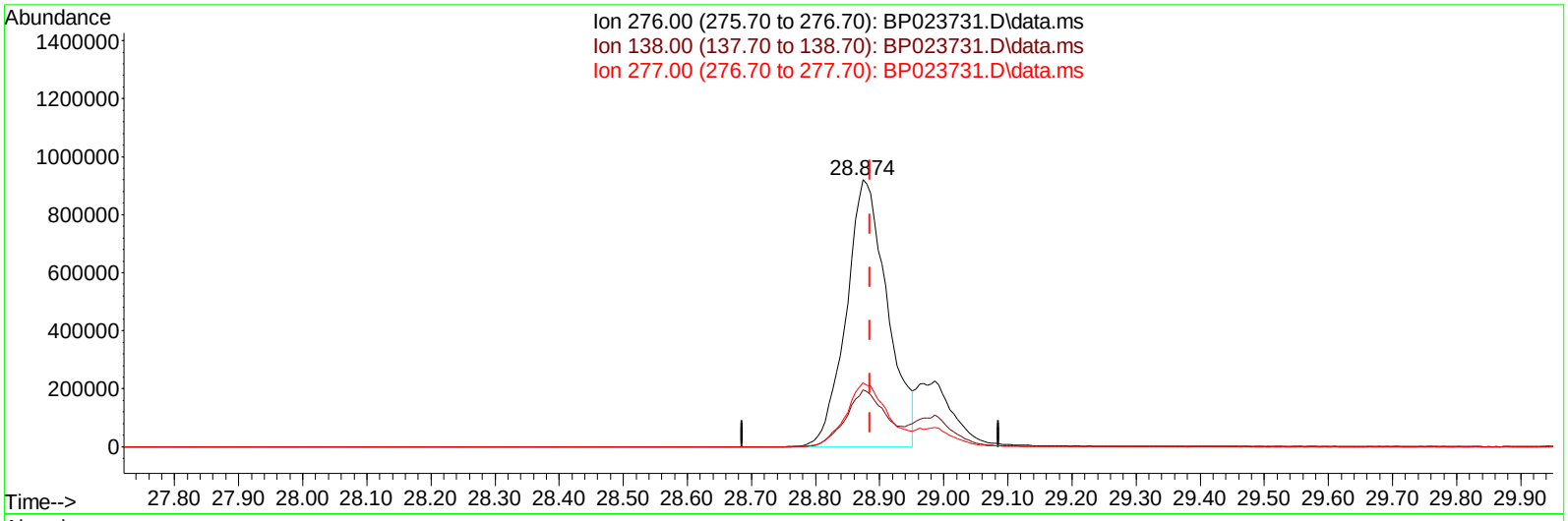
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
Data File : BP023731.D
Acq On : 25 Jan 2025 02:07
Operator : RC/JU
Sample : PB166197BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

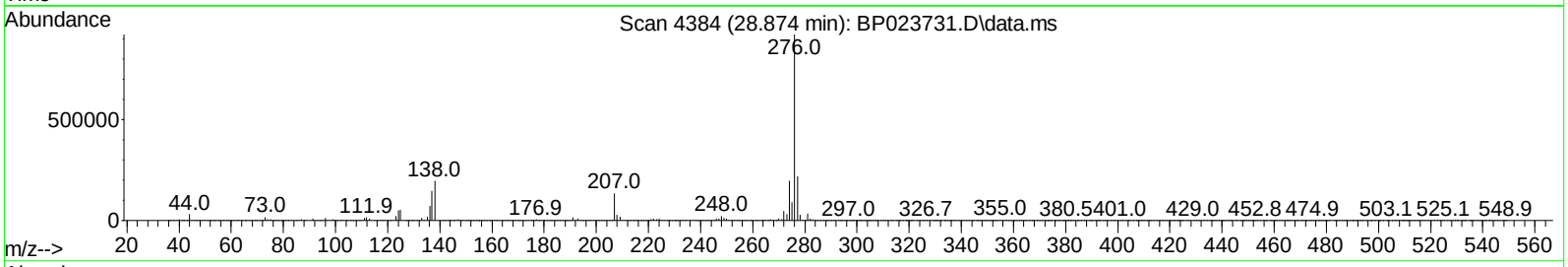
Quant Time: Jan 25 02:50:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 00:03:00 2025
Response via : Initial Calibration

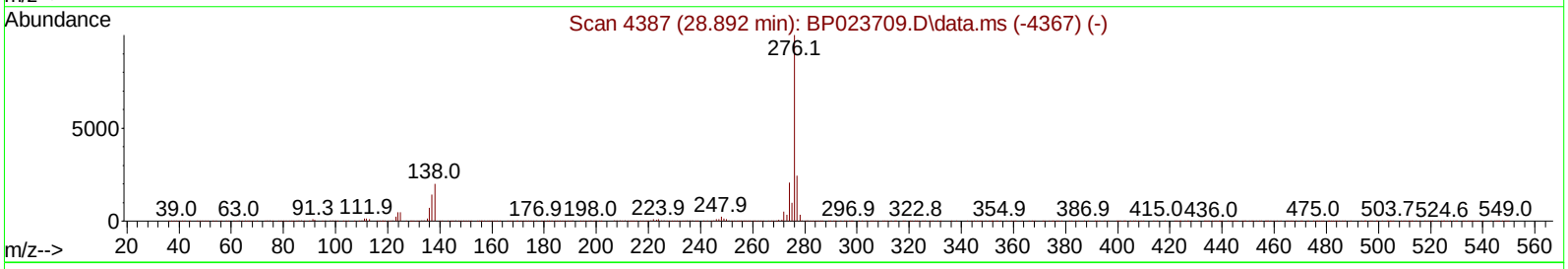
Instrument :
BNA_P
ClientSampleId :
SLCS197

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025







TIC: BP023731.D\data.ms

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

28.874min (-0.012) 22.63 ng/ul

response 4094811

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	21.35
277.00	24.00	23.88
0.00	0.00	0.00

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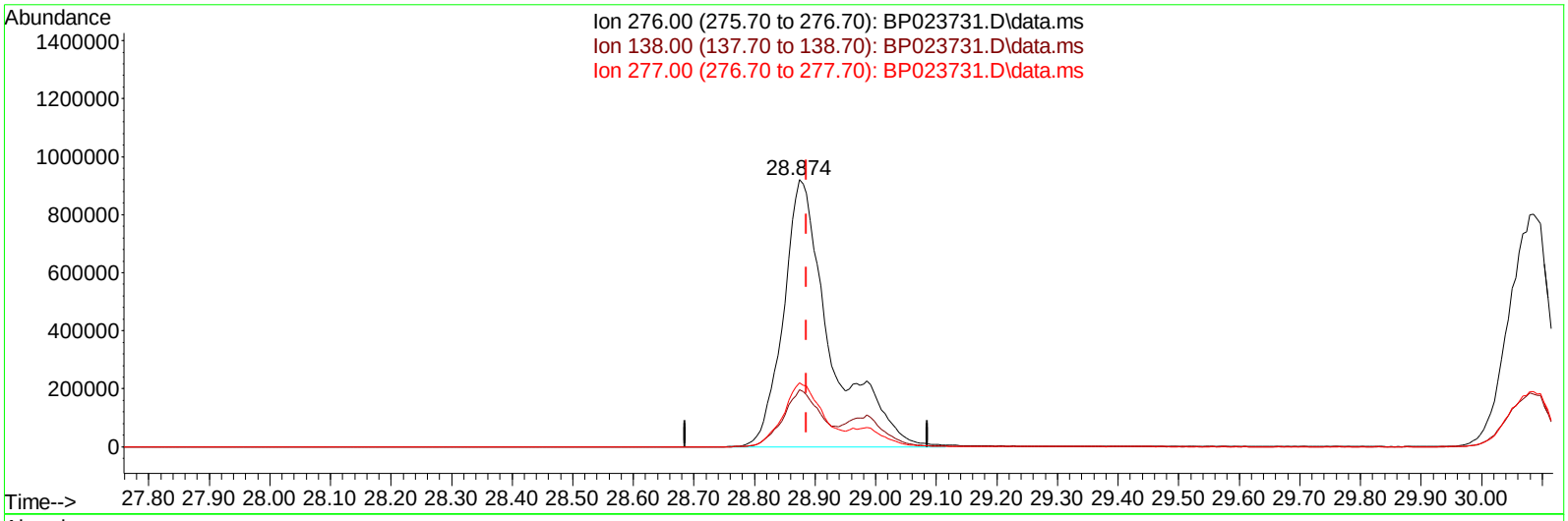

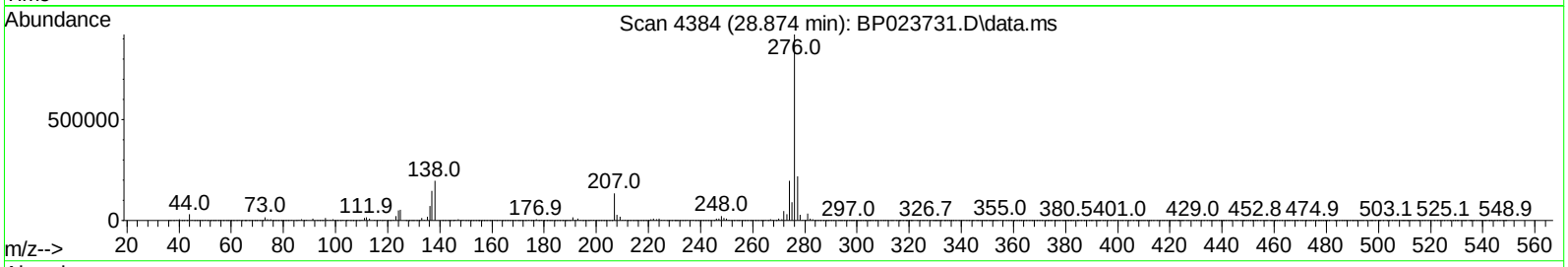

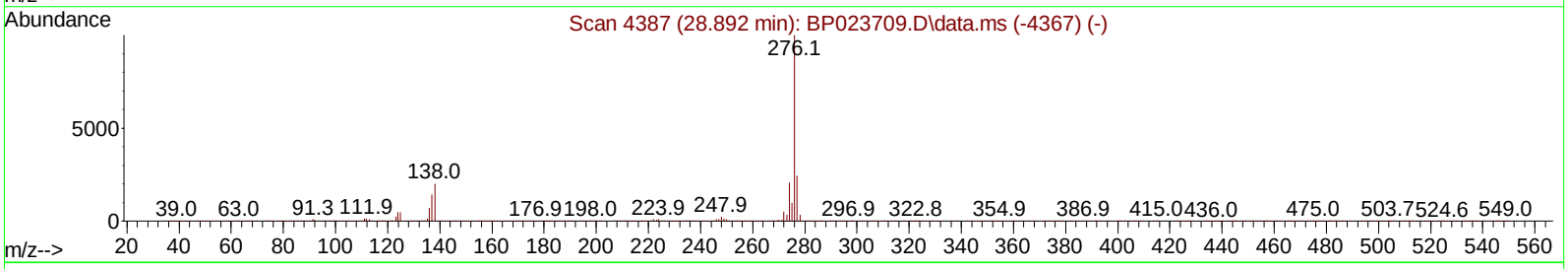

TIC: BP023731.D\data.ms

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

28.874min (-0.012) 27.63 ng/ul m

response 4999474

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	21.35
277.00	24.00	23.88
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	7.793	152	495946	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	1959593	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.416	164	1234457	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	2529223	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	2675709	20.000	ng/ul	0.00
88) Perylene-d12	25.051	264	2604264	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	65617	5.329	ng/uL	0.00
4) Pyridine-d5	3.711	84	944493	26.581	ng/ul	0.00
7) Phenol-d5	6.958	99	1123584	26.774	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	620874	26.193	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	889128	27.870	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	873907	26.483	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	390138	26.425	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	348428	25.741	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	829394	29.151	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.693	131	1063380	23.371	ng/ul	0.00
46) Dimethylphthalate-d6	13.816	166	2370301	26.699	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	2748283	26.748	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.592	143	468529	26.265	ng/ul	-0.01
60) Fluorene-d10	15.422	176	2055526	27.048	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	284203	22.818	ng/ul	0.00
73) Anthracene-d10	17.310	188	3271135	26.939	ng/ul	0.00
81) Pyrene-d10	19.674	212	3661861	26.895	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.810	264	3574341	27.421	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	137654	10.568	ng/uL	98
5) Pyridine	3.734	79	974386	27.125	ng/ul	100
6) Benzaldehyde	6.940	77	145978	6.922	ng/ul	100
8) Phenol	6.981	94	1222011	27.829	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.216	93	899229	26.323	ng/ul	99
12) 2-Chlorophenol	7.357	128	953767	28.201	ng/ul	97
13) 2-Methylphenol	8.222	108	856389	26.875	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.305	45	951675	26.859	ng/ul	99
16) Acetophenone	8.599	105	1320863	24.924	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.587	70	634369	25.873	ng/ul	99
18) 4-Methylphenol	8.546	108	969693	27.370	ng/ul	96
19) Hexachloroethane	8.863	117	369159	26.707	ng/ul	96
22) Nitrobenzene	8.969	77	938806	27.216	ng/ul	99
23) Isophorone	9.499	82	1779749	27.126	ng/ul	100
25) 2-Nitrophenol	9.681	139	422805	26.606	ng/ul	99
26) 2,4-Dimethylphenol	9.740	107	948355	28.793	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.975	93	1114596	26.217	ng/ul	99
29) 2,4-Dichlorophenol	10.210	162	862412	29.320	ng/ul	99
30) Naphthalene	10.616	128	2794021	26.494	ng/ul	100
32) 4-Chloroaniline	10.716	127	567254	13.059	ng/ul	98
33) Hexachlorobutadiene	10.910	225	492457	26.598	ng/ul	99
34) Caprolactam	11.481	113	265221	24.581	ng/ul	99
35) 4-Chloro-3-methylphenol	11.834	107	887772	29.136	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.222	142	1869103	26.247	ng/ul	99
37) 1-Methylnaphthalene	12.440	142	1870442	26.275	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.593	216	950600	25.925	ng/ul	99
40) Hexachlorocyclopentadiene	12.581	237	395750	21.183	ng/ul	99
41) 2,4,6-Trichlorophenol	12.834	196	619848	28.753	ng/ul	99
42) 2,4,5-Trichlorophenol	12.898	196	695799	29.222	ng/ul	99
43) 1,1'-Biphenyl	13.240	154	2445225	26.326	ng/ul	99
44) 2-Chloronaphthalene	13.275	162	1906147	26.358	ng/ul	100
45) 2-Nitroaniline	13.475	65	509711	29.679	ng/ul	98
47) Dimethylphthalate	13.863	163	2412768	27.072	ng/ul	100
48) 2,6-Dinitrotoluene	13.975	165	447205	28.132	ng/ul	100
50) Acenaphthylene	14.128	152	3032598	27.222	ng/ul	100
51) 3-Nitroaniline	14.304	138	481181	25.937	ng/ul	100
52) Acenaphthene	14.481	153	2110332	26.792	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	171824	22.016	ng/ul#	83
55) 4-Nitrophenol	14.604	109	362245	27.671	ng/ul	98
56) Dibenzofuran	14.816	168	2926304	27.011	ng/ul	98
57) 2,4-Dinitrotoluene	14.769	165	685646	28.829	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.045	232	542317	27.733	ng/ul	98
59) Diethylphthalate	15.251	149	2427766	27.696	ng/ul	100
61) Fluorene	15.475	166	2535251	28.081	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.475	204	1218449	27.573	ng/ul	98
63) 4-Nitroaniline	15.486	138	604547	32.028	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.539	198	339175	24.214	ng/ul	97
67) N-Nitrosodiphenylamine	15.686	169	2057459	27.085	ng/ul	100
68) 4-Bromophenyl-phenylether	16.381	248	713268	26.340	ng/ul	97
69) Hexachlorobenzene	16.498	284	846356	25.684	ng/ul	99
70) Atrazine	16.657	200	680522	24.287	ng/ul	99
71) Pentachlorophenol	16.845	266	496407	24.939	ng/ul	99
72) Phenanthrene	17.251	178	3864185	27.042	ng/ul	100
74) Anthracene	17.345	178	3890584	27.409	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	920852	25.096	ng/uL	98
76) Pentachlorobenzene	14.739	250	950662	24.389	ng/uL	100
77) Carbazole	17.616	167	3582674	28.737	ng/ul	100
78) Di-n-butylphthalate	18.216	149	4015036	28.301	ng/ul	99
80) Fluoranthene	19.327	202	4348670	28.090	ng/ul	96
82) Pyrene	19.704	202	4778732	28.421	ng/ul	99
83) Butylbenzylphthalate	20.657	149	1669645	27.534	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.557	252	1210609	25.637	ng/ul	99
85) Benzo(a)anthracene	21.639	228	4618773	27.228	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.592	149	2493223	27.571	ng/ul	100
87) Chrysene	21.704	228	4374666	27.547	ng/ul	100
89) Di-n-octyl phthalate	22.898	149	3644411	27.915	ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	4281901	27.677	ng/ul	100
91) Benzo(k)fluoranthene	24.045	252	4484685	28.120	ng/ul	99
93) Benzo(a)pyrene	24.886	252	4068542	27.942	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.874	276	4999474m	27.625	ng/ul	
95) Dibenzo(a,h)anthracene	28.986	278	4078390	27.741	ng/ul	100
96) Benzo(g,h,i)perylene	30.086	276	3890534	27.946	ng/ul	99

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

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