Quantitation Report (Qedit)

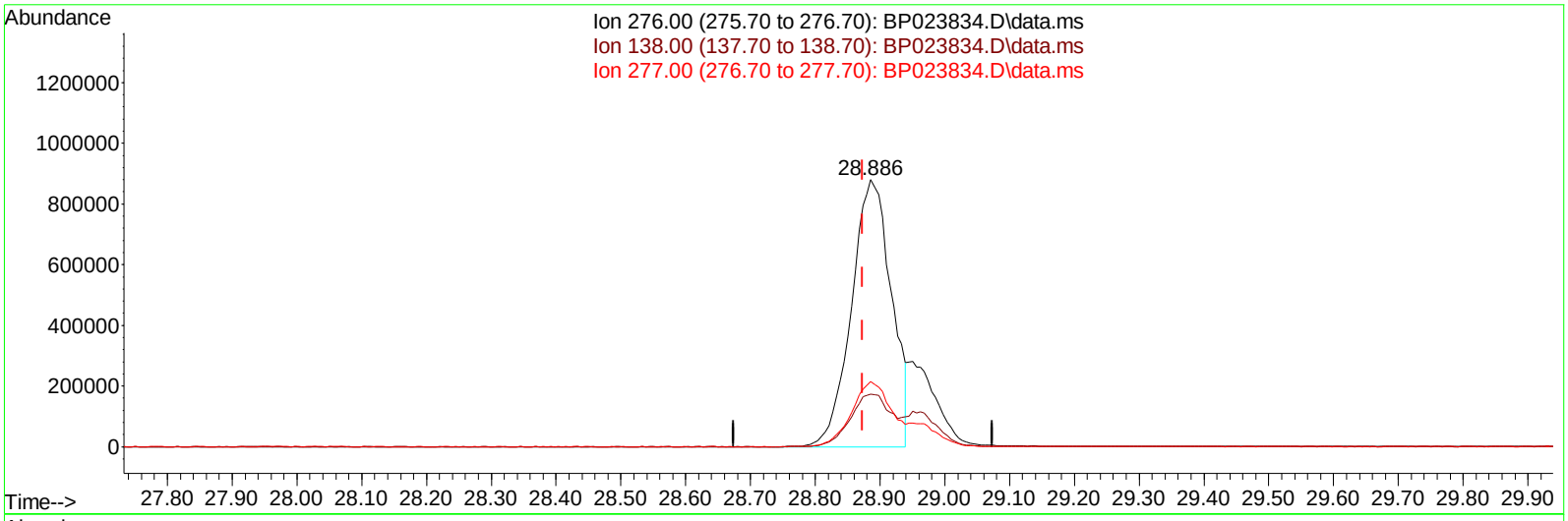
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023834.D
Acq On : 31 Jan 2025 21:26
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

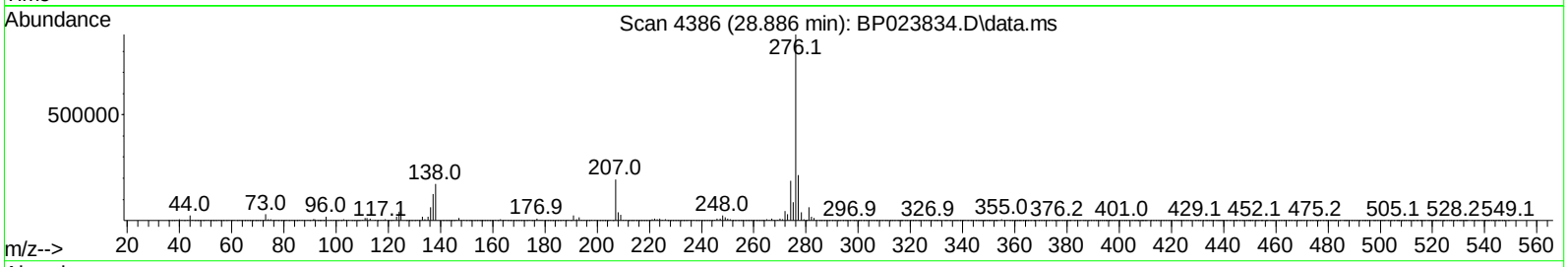
Quant Time: Feb 03 07:46:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

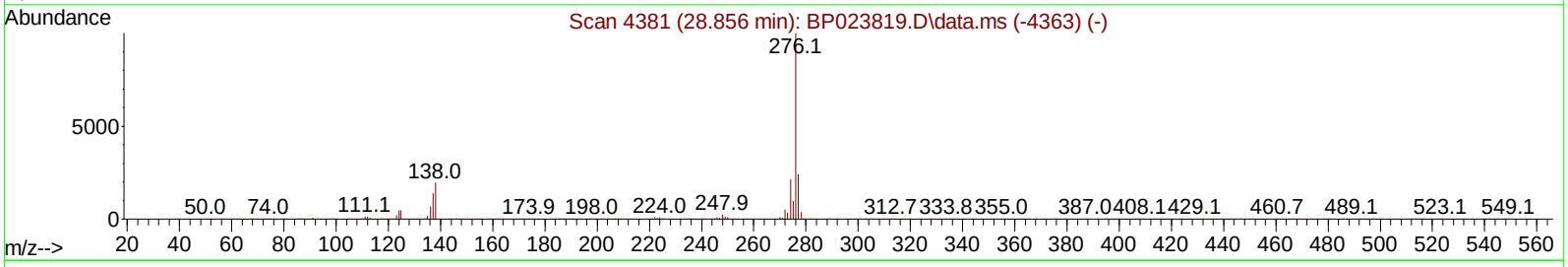
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BP023834.D\data.ms

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

28.886min (+ 0.012) 17.67 ng/ul

response 3751307

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.73
277.00	23.70	24.32
0.00	0.00	0.00

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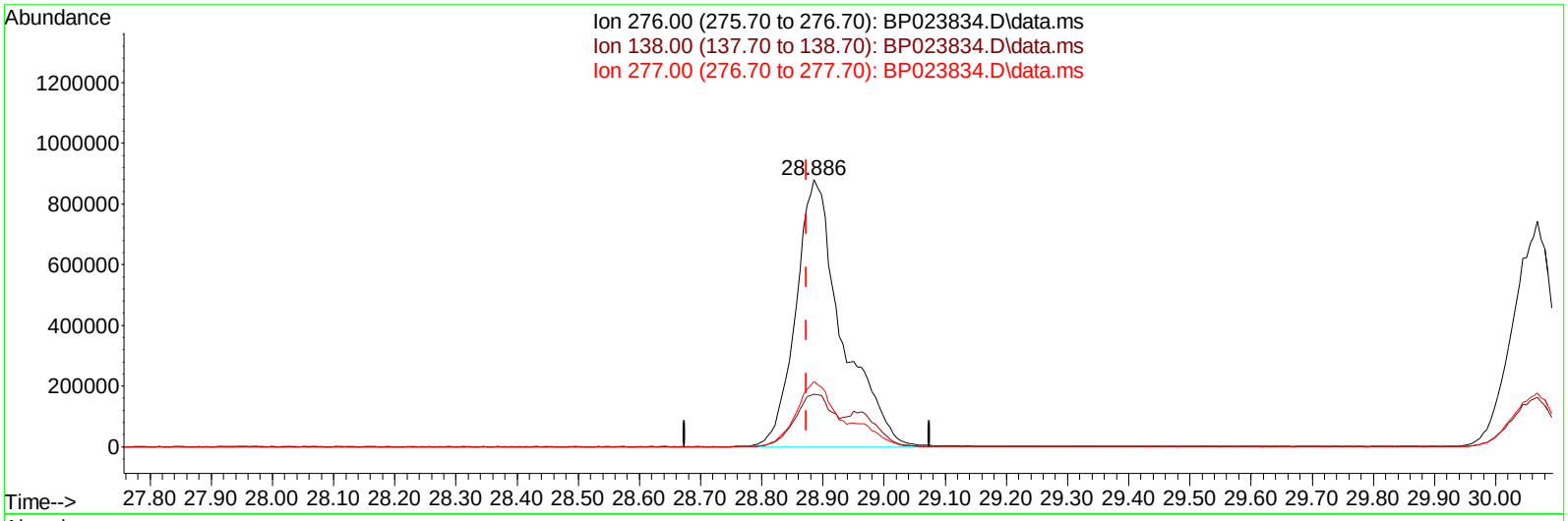

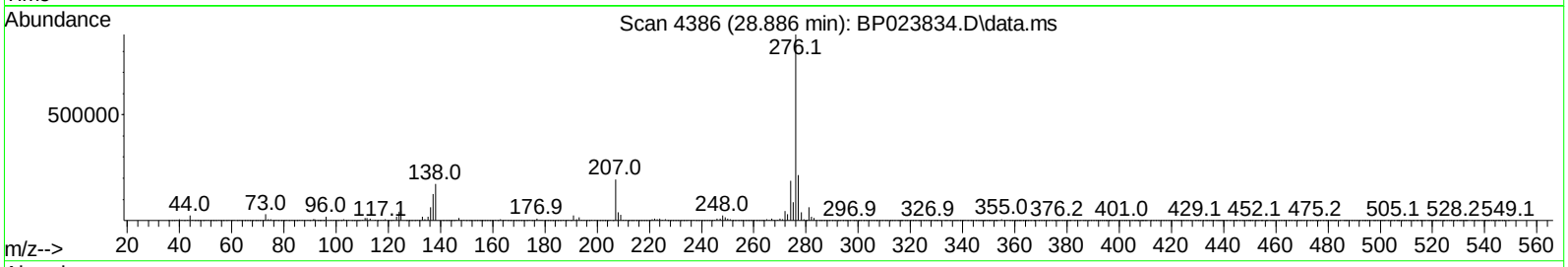

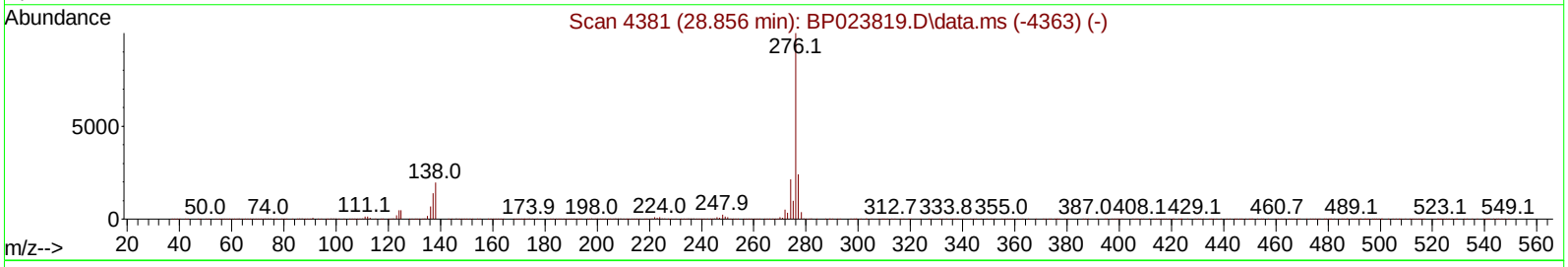

TIC: BP023834.D\data.ms

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

28.886min (+ 0.012) 21.75 ng/ul m

response 4617411

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.73
277.00	23.70	24.32
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	7.781	152	465672	20.000	ng/ul	0.02
20) Naphthalene-d8	10.551	136	2011025	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	1294595	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	2607842	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	2788085	20.000	ng/ul	0.00
88) Perylene-d12	25.033	264	2890166	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	93278	8.323	ng/uL	0.00
4) Pyridine-d5	3.705	84	690744	21.358	ng/ul	0.01
7) Phenol-d5	6.963	99	855826	20.767	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.116	67	470711	21.579	ng/ul	0.02
11) 2-Chlorophenol-d4	7.322	132	691430	21.366	ng/ul	0.01
15) 4-Methylphenol-d8	8.487	113	689004	20.467	ng/ul	0.02
21) Nitrobenzene-d5	8.922	128	342775	21.304	ng/ul	0.01
24) 2-Nitrophenol-d4	9.640	143	359413	20.702	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.181	165	671792	21.093	ng/ul	0.00
31) 4-Chloroaniline-d4	10.687	131	1016447	21.340	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	2061314	21.347	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	2370138	21.762	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	394966	20.596	ng/ul	0.00
60) Fluorene-d10	15.410	176	1754475	21.575	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	303531	18.866	ng/ul	0.00
73) Anthracene-d10	17.298	188	2774918	21.671	ng/ul	-0.02
81) Pyrene-d10	19.663	212	3200607	21.424	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.798	264	3308643	21.941	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	100846	8.556	ng/uL	98
5) Pyridine	3.722	79	698939	21.587	ng/ul	99
6) Benzaldehyde	6.928	77	530516	26.229	ng/ul	99
8) Phenol	6.993	94	896594	21.188	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.205	93	701675	21.783	ng/ul	99
12) 2-Chlorophenol	7.352	128	726075	21.778	ng/ul	99
13) 2-Methylphenol	8.222	108	660276	20.738	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.293	45	724375	21.797	ng/ul	99
16) Acetophenone	8.587	105	1115639	21.678	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.575	70	514650	21.237	ng/ul	99
18) 4-Methylphenol	8.546	108	745817	21.112	ng/ul	97
19) Hexachloroethane	8.852	117	283660	21.517	ng/ul	99
22) Nitrobenzene	8.963	77	752462	21.550	ng/ul	99
23) Isophorone	9.487	82	1455602	20.647	ng/ul	99
25) 2-Nitrophenol	9.669	139	402795	21.271	ng/ul	99
26) 2,4-Dimethylphenol	9.740	107	747768	21.335	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.963	93	929502	21.166	ng/ul	100
29) 2,4-Dichlorophenol	10.210	162	687591	21.289	ng/ul	99
30) Naphthalene	10.604	128	2354786	21.875	ng/ul	100
32) 4-Chloroaniline	10.710	127	970607	21.593	ng/ul	100
33) Hexachlorobutadiene	10.893	225	419201	21.440	ng/ul	100
34) Caprolactam	11.487	113	237984	19.020	ng/ul	97
35) 4-Chloro-3-methylphenol	11.851	107	727348	20.950	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.210	142	1608156	21.247	ng/ul	99
37) 1-Methylnaphthalene	12.434	142	1618210	21.552	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.581	216	839674	21.940	ng/ul	100
40) Hexachlorocyclopentadiene	12.563	237	426242	19.764	ng/ul	99
41) 2,4,6-Trichlorophenol	12.828	196	530950	20.769	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	588607	21.361	ng/ul	100
43) 1,1'-Biphenyl	13.228	154	2110852	21.966	ng/ul	99
44) 2-Chloronaphthalene	13.269	162	1634010	21.822	ng/ul	100
45) 2-Nitroaniline	13.469	65	414733	21.282	ng/ul	93
47) Dimethylphthalate	13.857	163	2060145	21.442	ng/ul	100
48) 2,6-Dinitrotoluene	13.975	165	398467	21.222	ng/ul	99
50) Acenaphthylene	14.122	152	2562318	22.092	ng/ul	99
51) 3-Nitroaniline	14.304	138	451134	21.862	ng/ul	98
52) Acenaphthene	14.469	153	1796228	21.843	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	182374	16.292	ng/ul	98
55) 4-Nitrophenol	14.645	109	294372	21.697	ng/ul	99
56) Dibenzofuran	14.804	168	2477772	21.745	ng/ul	100
57) 2,4-Dinitrotoluene	14.763	165	608732	21.796	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.045	232	485315	20.698	ng/ul	98
59) Diethylphthalate	15.245	149	2058172	21.381	ng/ul	99
61) Fluorene	15.469	166	2088944	22.099	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	1028392	21.978	ng/ul	100
63) 4-Nitroaniline	15.481	138	492783	24.545	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.539	198	342637	19.371	ng/ul	98
67) N-Nitrosodiphenylamine	15.681	169	1726343	21.690	ng/ul	100
68) 4-Bromophenyl-phenylether	16.375	248	620354	21.085	ng/ul	99
69) Hexachlorobenzene	16.492	284	749025	21.011	ng/ul	99
70) Atrazine	16.657	200	648280	21.034	ng/ul	99
71) Pentachlorophenol	16.851	266	414059	18.883	ng/ul	98
72) Phenanthrene	17.245	178	3214916	21.830	ng/ul	100
74) Anthracene	17.333	178	3294067	22.179	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.192	216	826723	21.649	ng/uL	99
76) Pentachlorobenzene	14.728	250	887928	21.576	ng/uL	99
77) Carbazole	17.616	167	3021528	23.222	ng/ul	100
78) Di-n-butylphthalate	18.210	149	3507770	21.782	ng/ul	100
80) Fluoranthene	19.322	202	3705372	21.533	ng/ul	99
82) Pyrene	19.698	202	4057244	22.547	ng/ul	99
83) Butylbenzylphthalate	20.651	149	1568179	20.237	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.545	252	1296209	21.488	ng/ul	99
85) Benzo(a)anthracene	21.621	228	3988191	21.753	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.568	149	2281125	20.175	ng/ul	100
87) Chrysene	21.692	228	3734563	22.107	ng/ul	99
89) Di-n-octyl phthalate	22.868	149	3596220	20.757	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	3845357	21.927	ng/ul	100
91) Benzo(k)fluoranthene	24.033	252	3883605	22.090	ng/ul	99
93) Benzo(a)pyrene	24.868	252	3614219	22.069	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.886	276	4617411m	21.751	ng/ul	
95) Dibenzo(a,h)anthracene	28.962	278	3777560	21.937	ng/ul	99
96) Benzo(g,h,i)perylene	30.068	276	3526154	21.686	ng/ul	100

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

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