Quantitation Report (Qedit)

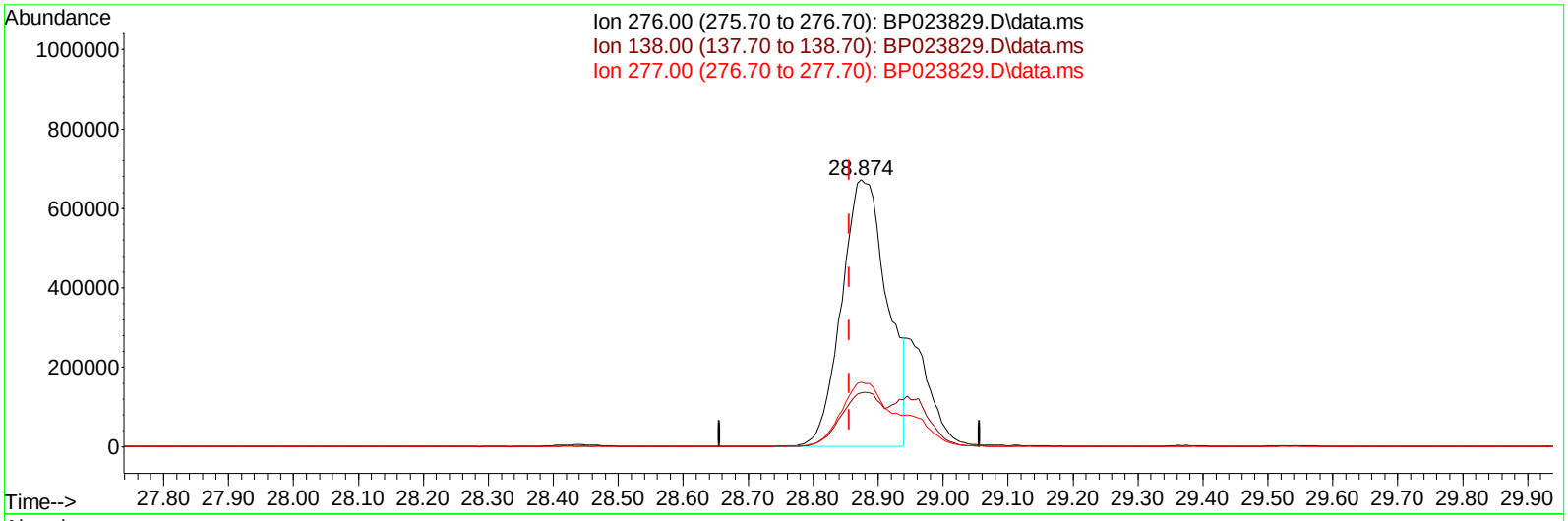
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023829.D
Acq On : 31 Jan 2025 17:22
Operator : RC/JU
Sample : Q1190-07MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

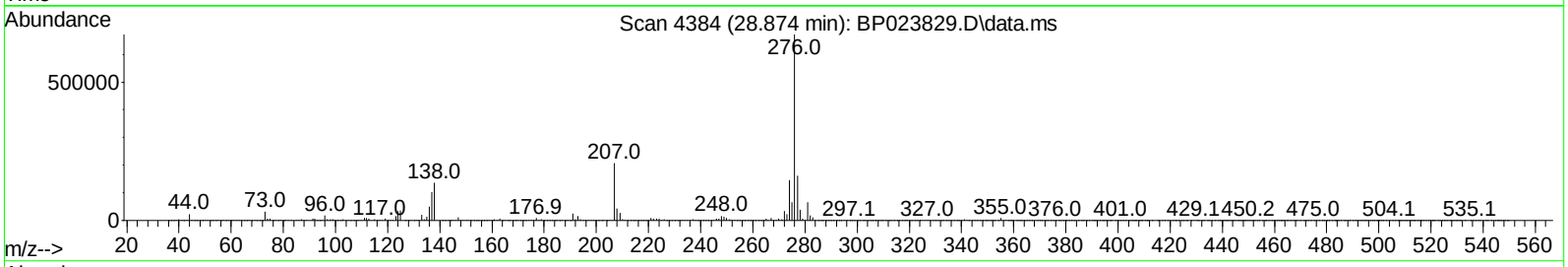
Quant Time: Jan 31 17:52:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

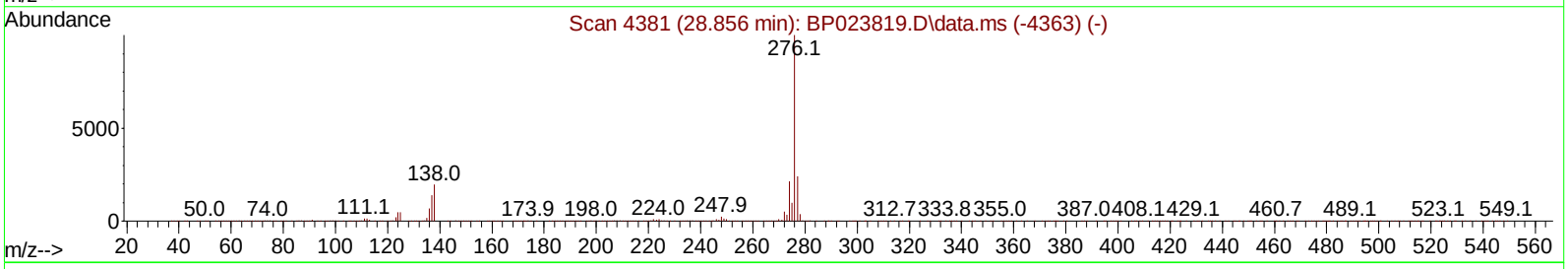
Instrument :
BNA_P
ClientSampleId :
A44S6MSD

Manual IntegrationsAPPROVED

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







TIC: BP023829.D\data.ms

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

28.874min (+ 0.018) 15.84 ng/ul

response 3264287

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.19
277.00	23.70	24.08
0.00	0.00	0.00

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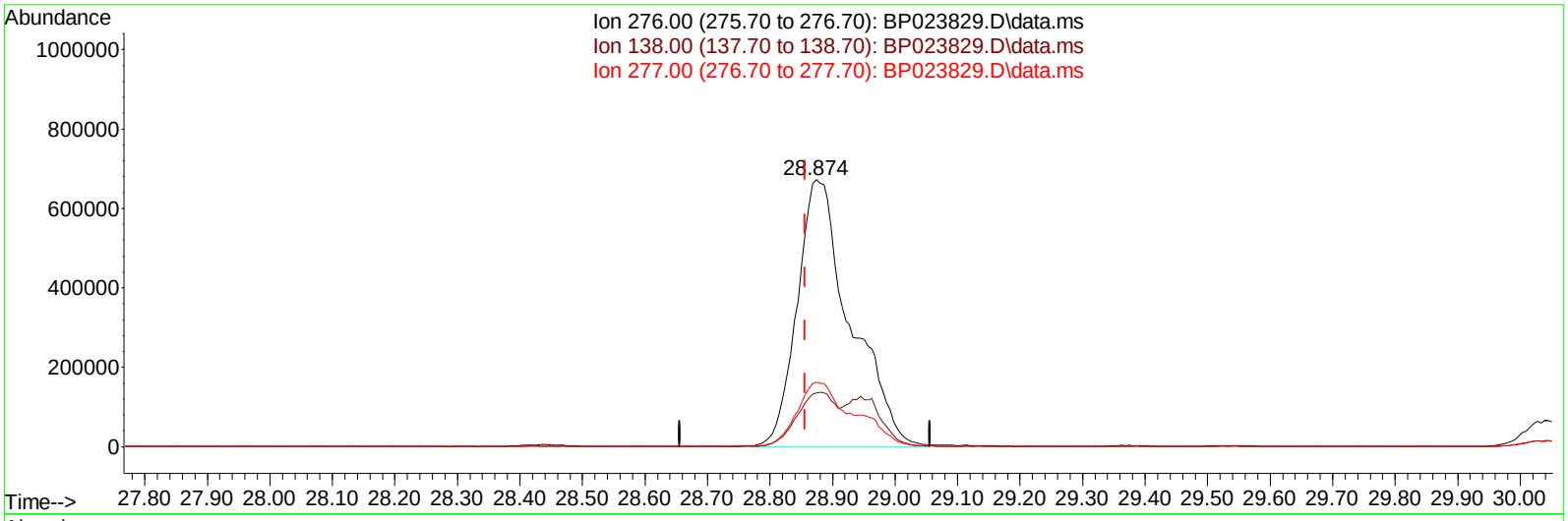

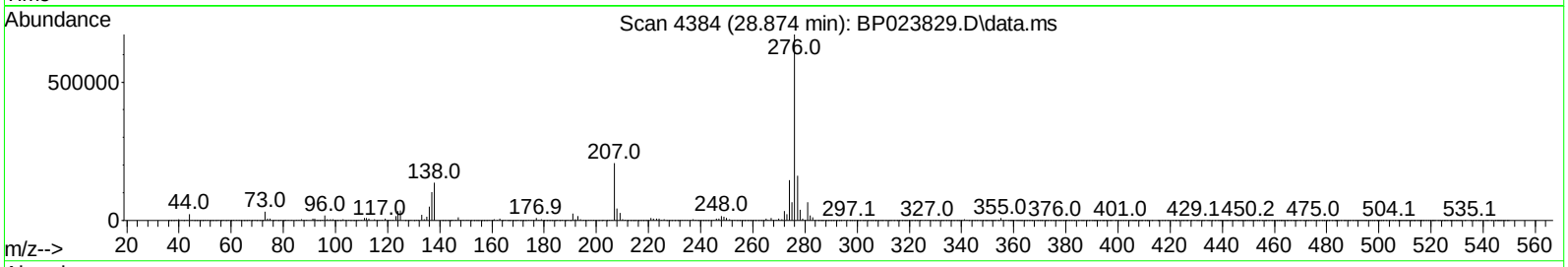

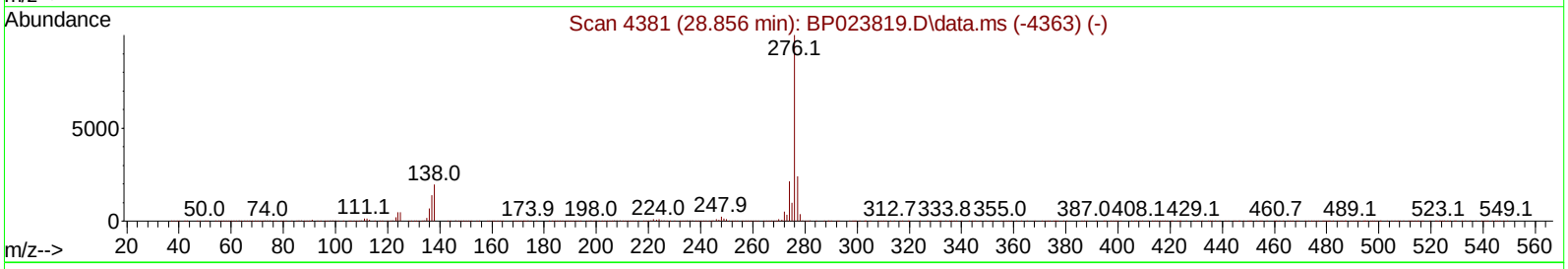

TIC: BP023829.D\data.ms

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

28.874min (+ 0.018) 19.32 ng/ul m

response 3981428

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.19
277.00	23.70	24.08
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	462464	20.000	ng/ul	0.00
20) Naphthalene-d8	10.557	136	1995865	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	1299809	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	2596525	20.000	ng/ul	0.01
79) Chrysene-d12	21.657	240	2684670	20.000	ng/ul	0.01
88) Perylene-d12	25.033	264	2805931	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	31467	2.827	ng/uL	0.00
4) Pyridine-d5	3.711	84	375226	11.683	ng/ul	0.00
7) Phenol-d5	6.969	99	662590	16.190	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.117	67	361060	16.667	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	538472	16.755	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	513788	15.368	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	265438	16.623	ng/ul	0.00
24) 2-Nitrophenol-d4	9.646	143	282248	16.381	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	554360	17.538	ng/ul	0.00
31) 4-Chloroaniline-d4	10.687	131	567951	12.015	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	1818499	18.756	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	1776490	16.246	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	330898	17.186	ng/ul	0.00
60) Fluorene-d10	15.422	176	1315686	16.114	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.528	200	261079	16.299	ng/ul	0.00
73) Anthracene-d10	17.304	188	1974944	15.491	ng/ul	0.00
81) Pyrene-d10	19.686	212	1929556	13.414	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.798	264	1193806	8.154	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	89391	7.637	ng/uL	99
5) Pyridine	3.728	79	433438	13.479	ng/ul	99
6) Benzaldehyde	6.934	77	121428	6.045	ng/ul	99
8) Phenol	6.999	94	994855	23.673	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.211	93	692311	21.641	ng/ul	100
12) 2-Chlorophenol	7.358	128	738212	22.296	ng/ul	99
13) 2-Methylphenol	8.228	108	643924	20.364	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.299	45	720054	21.817	ng/ul	98
16) Acetophenone	8.593	105	1394340	27.282	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.581	70	533863	22.182	ng/ul	99
18) 4-Methylphenol	8.552	108	741169	21.126	ng/ul	98
19) Hexachloroethane	8.852	117	222209	16.973	ng/ul	99
22) Nitrobenzene	8.963	77	772855	22.302	ng/ul	98
23) Isophorone	9.493	82	1530999	21.881	ng/ul	99
25) 2-Nitrophenol	9.675	139	420459	22.372	ng/ul	99
26) 2,4-Dimethylphenol	9.740	107	377491	10.852	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.969	93	963109	22.098	ng/ul	99
29) 2,4-Dichlorophenol	10.216	162	732922	22.865	ng/ul	99
30) Naphthalene	10.610	128	2428385	22.730	ng/ul	100
32) 4-Chloroaniline	10.710	127	492316	11.036	ng/ul	100
33) Hexachlorobutadiene	10.893	225	422496	21.772	ng/ul	99
34) Caprolactam	11.493	113	278116	22.396	ng/ul	99
35) 4-Chloro-3-methylphenol	11.852	107	793246	23.021	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.216	142	1698538	22.612	ng/ul	100
37) 1-Methylnaphthalene	12.434	142	1697217	22.776	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.587	216	872796	22.714	ng/ul	98
40) Hexachlorocyclopentadiene	12.569	237	332920	15.375	ng/ul	99
41) 2,4,6-Trichlorophenol	12.834	196	593696	23.130	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	664398	24.015	ng/ul	100
43) 1,1'-Biphenyl	13.228	154	2252527	23.346	ng/ul	98
44) 2-Chloronaphthalene	13.269	162	1746323	23.229	ng/ul	99
45) 2-Nitroaniline	13.475	65	477531	24.406	ng/ul	99
47) Dimethylphthalate	13.857	163	2307527	23.921	ng/ul	100
48) 2,6-Dinitrotoluene	13.975	165	462243	24.519	ng/ul	98
50) Acenaphthylene	14.128	152	2716987	23.332	ng/ul	100
51) 3-Nitroaniline	14.304	138	446299	21.541	ng/ul	98
52) Acenaphthene	14.475	153	2022952	24.502	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	220204	19.593	ng/ul	97
55) 4-Nitrophenol	14.646	109	345002	25.327	ng/ul	98
56) Dibenzofuran	14.810	168	2780596	24.305	ng/ul	99
57) 2,4-Dinitrotoluene	14.775	165	720499	25.695	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.046	232	572154	24.303	ng/ul	94
59) Diethylphthalate	15.240	149	2386296	24.691	ng/ul	100
61) Fluorene	15.475	166	2433945	25.645	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	1138927	24.242	ng/ul	99
63) 4-Nitroaniline	15.487	138	576464	28.598	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.545	198	404921	22.992	ng/ul	96
67) N-Nitrosodiphenylamine	15.687	169	1962402	24.764	ng/ul	100
68) 4-Bromophenyl-phenylether	16.375	248	720325	24.589	ng/ul	98
69) Hexachlorobenzene	16.492	284	694364	19.563	ng/ul	98
70) Atrazine	16.663	200	717778	23.390	ng/ul	99
71) Pentachlorophenol	16.851	266	425680	19.498	ng/ul	99
72) Phenanthrene	17.251	178	4509519	30.754	ng/ul	99
74) Anthracene	17.345	178	3817188	25.814	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.193	216	846341	22.259	ng/uL	99
76) Pentachlorobenzene	14.734	250	880729	21.495	ng/uL	99
77) Carbazole	17.628	167	3359726	25.934	ng/ul	100
78) Di-n-butylphthalate	18.222	149	4227658	26.366	ng/ul	100
80) Fluoranthene	19.339	202	5440926	32.837	ng/ul	99
82) Pyrene	19.716	202	4447678	25.669	ng/ul	98
83) Butylbenzylphthalate	20.657	149	1914346	25.655	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.545	252	917294	15.792	ng/ul	99
85) Benzo(a)anthracene	21.639	228	5060732	28.667	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.575	149	2744232	25.206	ng/ul	100
87) Chrysene	21.704	228	4659756	28.646	ng/ul	98
89) Di-n-octyl phthalate	22.880	149	4444932	26.426	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	5018804	29.478	ng/ul	100
91) Benzo(k)fluoranthene	24.039	252	4733248	27.731	ng/ul	99
93) Benzo(a)pyrene	24.874	252	2257116	14.196	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.874	276	3981428m	19.319	ng/ul	
95) Dibenzo(a,h)anthracene	28.951	278	4453148	26.636	ng/ul	99
96) Benzo(g,h,i)perylene	30.039	276	315341	1.998	ng/ul	99

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

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