Quantitation Report (Qedit)

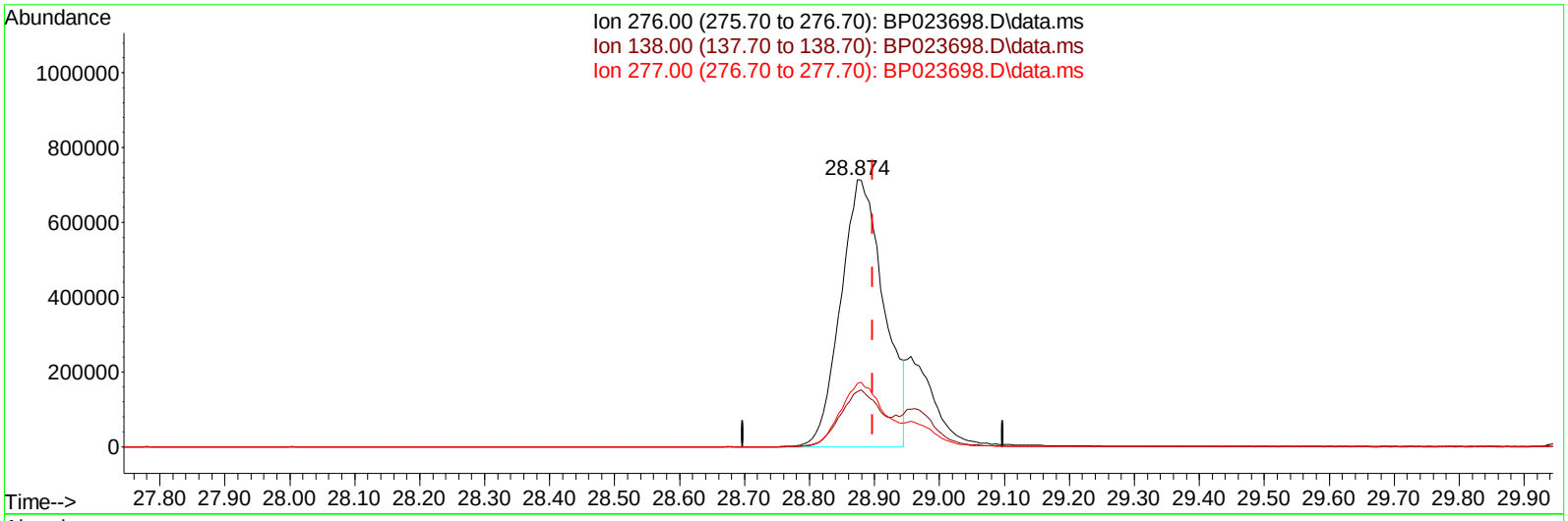
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
Data File : BP023698.D
Acq On : 22 Jan 2025 01:35
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 52 Sample Multiplier: 1

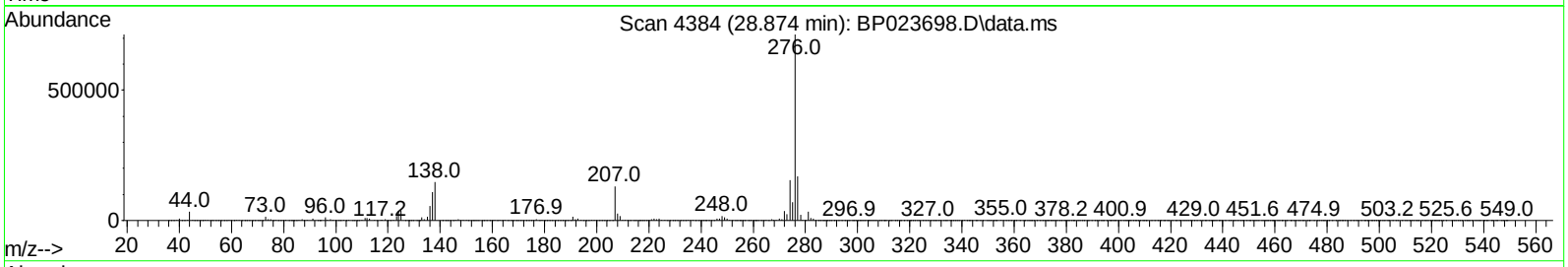
Quant Time: Jan 22 01:57:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 21:50:54 2025
Response via : Initial Calibration

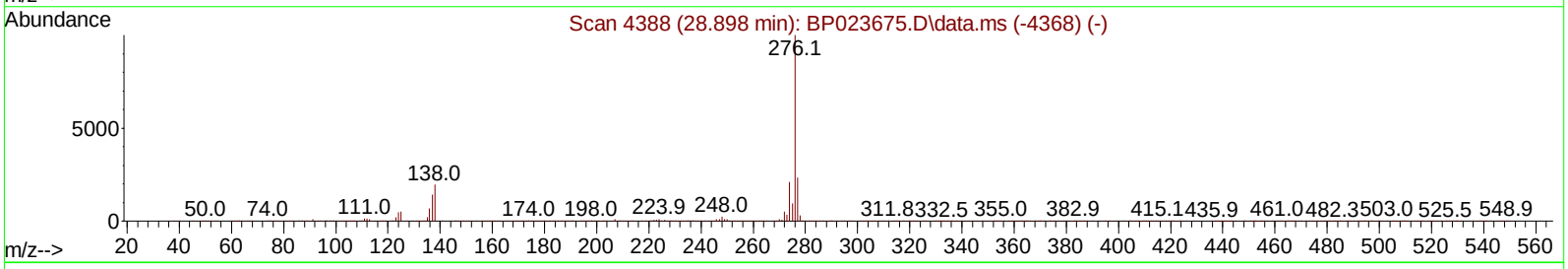
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025







TIC: BP023698.D\data.ms

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

28.874min (-0.024) 14.80 ng/ul

response 3302625

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.74
277.00	24.20	23.61
0.00	0.00	0.00

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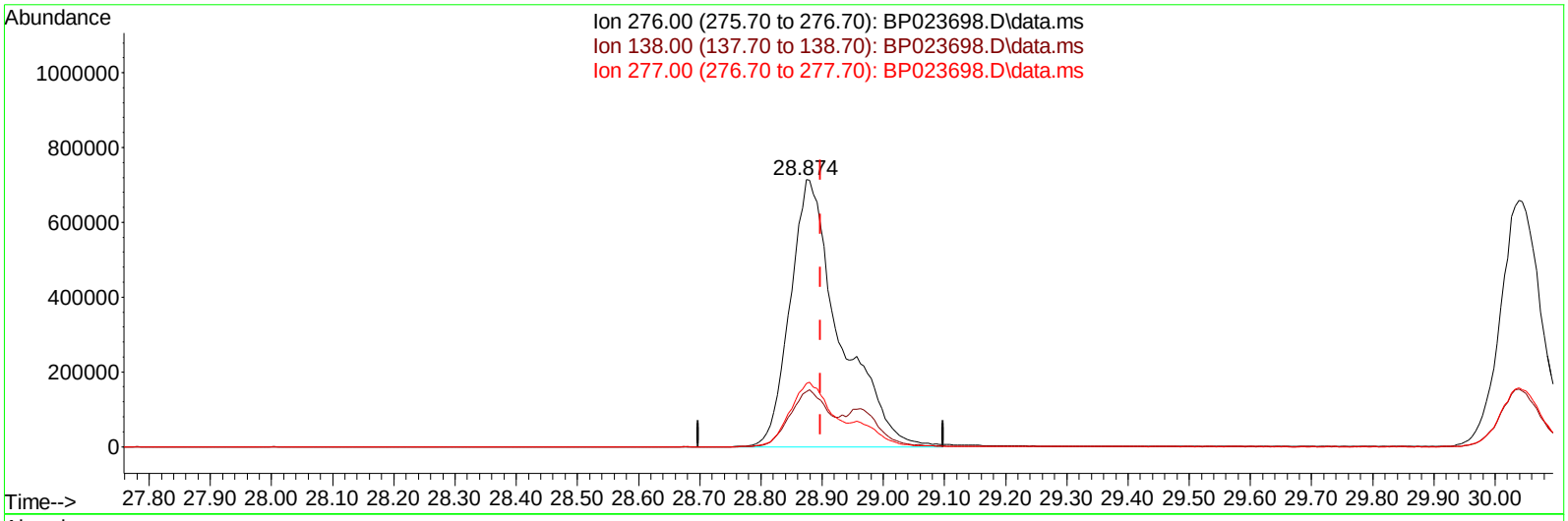

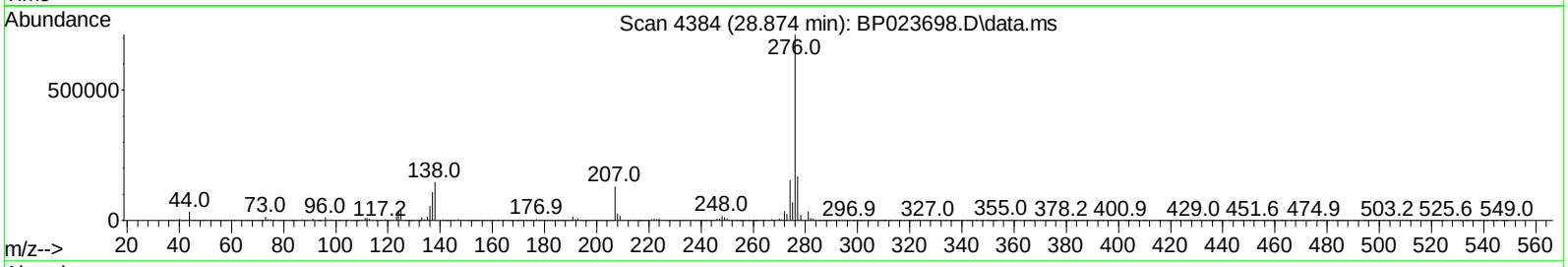

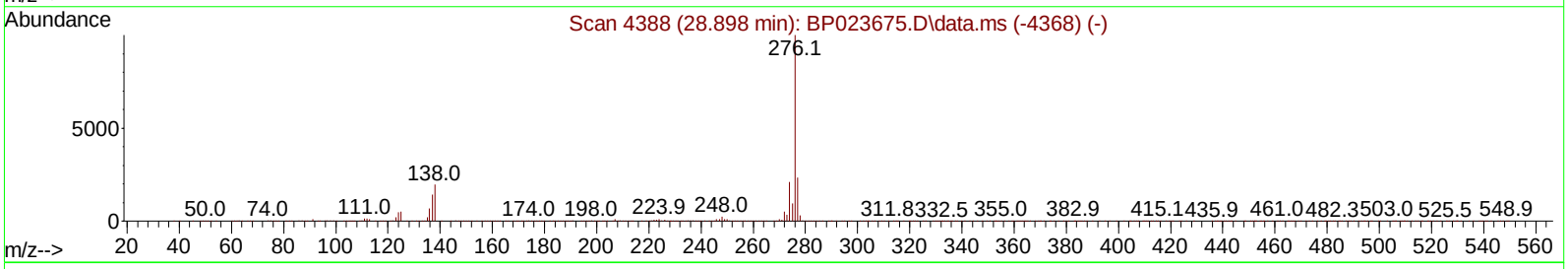

TIC: BP023698.D\data.ms

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

28.874min (-0.024) 18.07 ng/ul m

response 4033134

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.74
277.00	24.20	23.61
0.00	0.00	0.00

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Sample : SSTDCCC020EC
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Jan 22 01:59:13 2025
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 21:50:54 2025
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	635113	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	2508006	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	1414627	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	2576036	20.000	ng/ul	-0.02
79) Chrysene-d12	21.651	240	2805073	20.000	ng/ul	-0.01
88) Perylene-d12	25.039	264	3034840	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	120613	7.002	ng/uL	0.00
4) Pyridine-d5	3.716	84	846758	17.633	ng/ul	0.00
7) Phenol-d5	6.963	99	955212	17.469	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	557553	17.406	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	771497	17.866	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	733203	17.288	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	352970	18.439	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	302834	24.101	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	677614	17.730	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	1028872	16.863	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	1794133	16.296	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	2251096	17.188	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	330547	18.063	ng/ul	0.00
60) Fluorene-d10	15.428	176	1560070	16.373	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	170101	20.294	ng/ul	-0.01
73) Anthracene-d10	17.316	188	2352456	16.917	ng/ul	-0.01
81) Pyrene-d10	19.674	212	2592310	16.682	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.804	264	2826802	17.140	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	127226	6.980	ng/uL	98
5) Pyridine	3.734	79	856341	17.681	ng/ul	99
6) Benzaldehyde	6.952	77	602368	20.390	ng/ul	99
8) Phenol	6.993	94	1020729	17.513	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.228	93	795056	17.245	ng/ul	99
12) 2-Chlorophenol	7.369	128	813741	17.605	ng/ul	100
13) 2-Methylphenol	8.234	108	722042	16.973	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	831713	17.415	ng/ul	100
16) Acetophenone	8.610	105	1209394	16.647	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.599	70	541470	15.334	ng/ul	99
18) 4-Methylphenol	8.557	108	794223	16.984	ng/ul	98
19) Hexachloroethane	8.881	117	331937	17.891	ng/ul	99
22) Nitrobenzene	8.987	77	832677	17.873	ng/ul	99
23) Isophorone	9.510	82	1482701	15.670	ng/ul	99
25) 2-Nitrophenol	9.693	139	368198	22.342	ng/ul	97
26) 2,4-Dimethylphenol	9.751	107	792344	17.379	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.993	93	998944	16.823	ng/ul	99
29) 2,4-Dichlorophenol	10.222	162	698944	17.665	ng/ul	99
30) Naphthalene	10.628	128	2521248	16.971	ng/ul	100
32) 4-Chloroaniline	10.728	127	992439	16.997	ng/ul	100
33) Hexachlorobutadiene	10.922	225	450035	17.156	ng/ul	99
34) Caprolactam	11.481	113	209782	14.515	ng/ul	97
35) 4-Chloro-3-methylphenol	11.851	107	673149	16.693	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.234	142	1635817	16.290	ng/ul	99
37) 1-Methylnaphthalene	12.457	142	1637904	16.423	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	832606	17.837	ng/ul	99
40) Hexachlorocyclopentadiene	12.592	237	376751	20.909	ng/ul	99
41) 2,4,6-Trichlorophenol	12.839	196	467775	19.251	ng/ul	100
42) 2,4,5-Trichlorophenol	12.910	196	516402	19.110	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	2063434	17.627	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	1618056	17.744	ng/ul	99
45) 2-Nitroaniline	13.481	65	357549	19.823	ng/ul	98
47) Dimethylphthalate	13.875	163	1836620	16.606	ng/ul	100
48) 2,6-Dinitrotoluene	13.986	165	321762	18.937	ng/ul	92
50) Acenaphthylene	14.139	152	2416338	17.027	ng/ul	99
51) 3-Nitroaniline	14.316	138	368949	18.452	ng/ul	95
52) Acenaphthene	14.486	153	1700164	17.103	ng/ul	100
53) 2,4-Dinitrophenol	14.516	184	96589	17.963	ng/ul	89
55) 4-Nitrophenol	14.616	109	258873	18.225	ng/ul	98
56) Dibenzofuran	14.828	168	2321780	17.158	ng/ul	98
57) 2,4-Dinitrotoluene	14.775	165	459094	17.884	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.051	232	383835	18.169	ng/ul	98
59) Diethylphthalate	15.257	149	1721706	15.789	ng/ul	100
61) Fluorene	15.486	166	1905072	16.767	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.481	204	916697	16.511	ng/ul	99
63) 4-Nitroaniline	15.486	138	391521	18.639	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.545	198	199716	20.021	ng/ul#	93
67) N-Nitrosodiphenylamine	15.692	169	1508202	17.486	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	517127	16.840	ng/ul	99
69) Hexachlorobenzene	16.504	284	627194	16.659	ng/ul	98
70) Atrazine	16.663	200	491453	16.412	ng/ul	100
71) Pentachlorophenol	16.851	266	323036	17.597	ng/ul	99
72) Phenanthrene	17.257	178	2742331	16.980	ng/ul	99
74) Anthracene	17.345	178	2761716	17.042	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	796263	18.887	ng/uL	99
76) Pentachlorobenzene	14.745	250	793191	17.761	ng/uL	99
77) Carbazole	17.616	167	2545200	18.911	ng/ul	100
78) Di-n-butylphthalate	18.222	149	2633822	16.850	ng/ul	100
80) Fluoranthene	19.333	202	3003175	16.895	ng/ul	99
82) Pyrene	19.710	202	3390532	17.507	ng/ul	97
83) Butylbenzylphthalate	20.663	149	1058516	20.804	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.551	252	916426	19.259	ng/ul	100
85) Benzo(a)anthracene	21.633	228	3353431	16.815	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	1635949	18.847	ng/ul	100
87) Chrysene	21.698	228	3150078	16.963	ng/ul	99
89) Di-n-octyl phthalate	22.886	149	2386776	18.685	ng/ul	100
90) Benzo(b)fluoranthene	23.962	252	3230558	16.943	ng/ul	99
91) Benzo(k)fluoranthene	24.033	252	3498650	16.744	ng/ul	100
93) Benzo(a)pyrene	24.880	252	3191985	17.017	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.874	276	4033134m	18.071	ng/ul	
95) Dibenzo(a,h)anthracene	28.956	278	3295297	18.218	ng/ul	99
96) Benzo(g,h,i)perylene	30.039	276	3122259	17.833	ng/ul	98

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

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