Quantitation Report (Qedit)

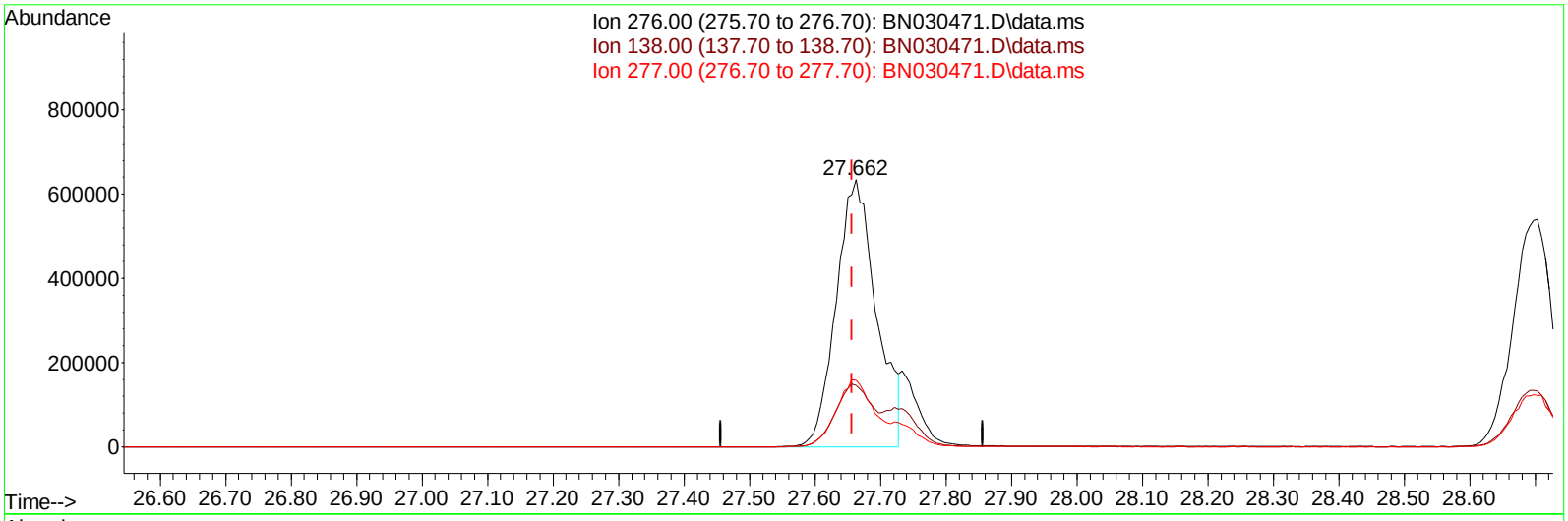
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032324\
Data File : BN030471.D
Acq On : 22 Mar 2024 17:42
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

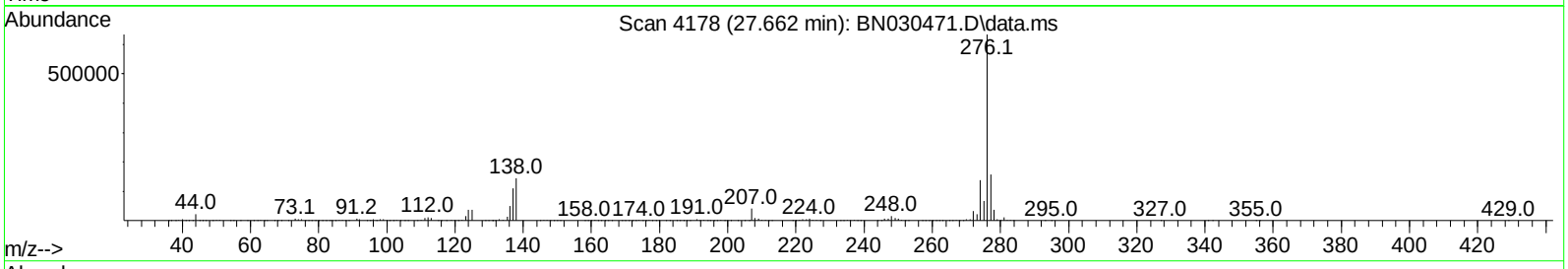
Quant Time: Mar 23 00:12:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 23 00:08:10 2024
Response via : Initial Calibration

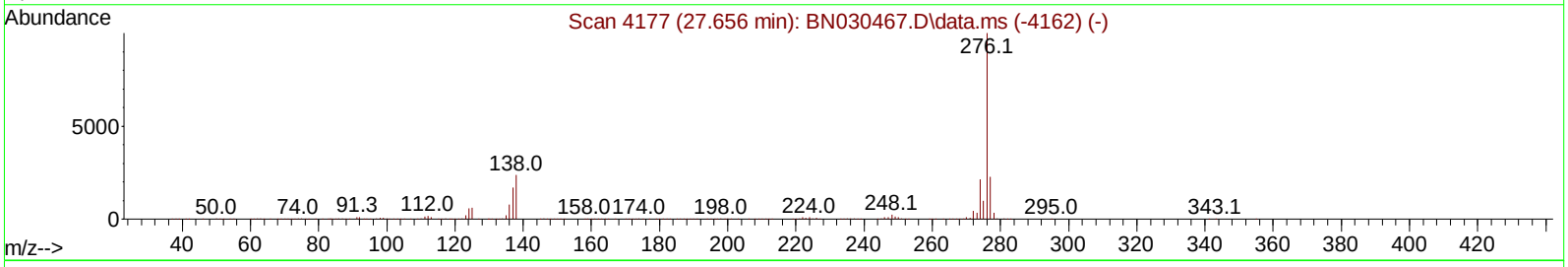
Instrument :
BNA_N
ClientSampleId :
SICV210

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/25/2024
Supervised By :mohammad ahmed 03/26/2024







TIC: BN030471.D\data.ms

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

27.662min (+ 0.006) 18.47 ng/ul

response 2698335

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.60	22.90
277.00	22.70	24.85
0.00	0.00	0.00

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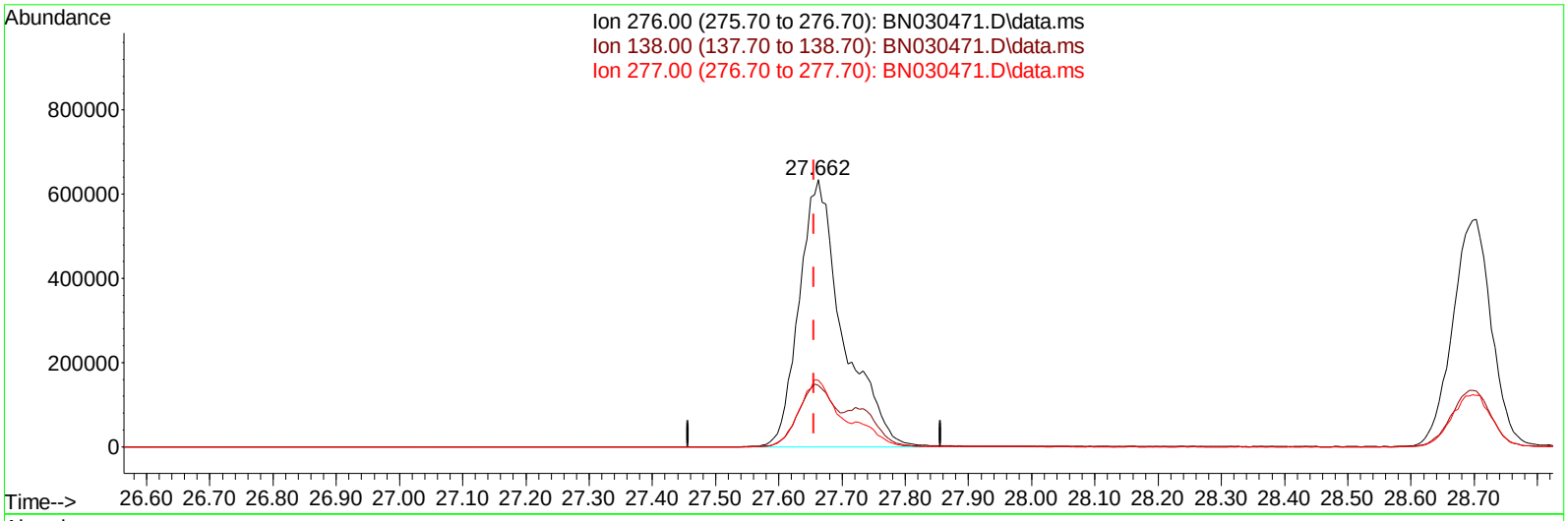

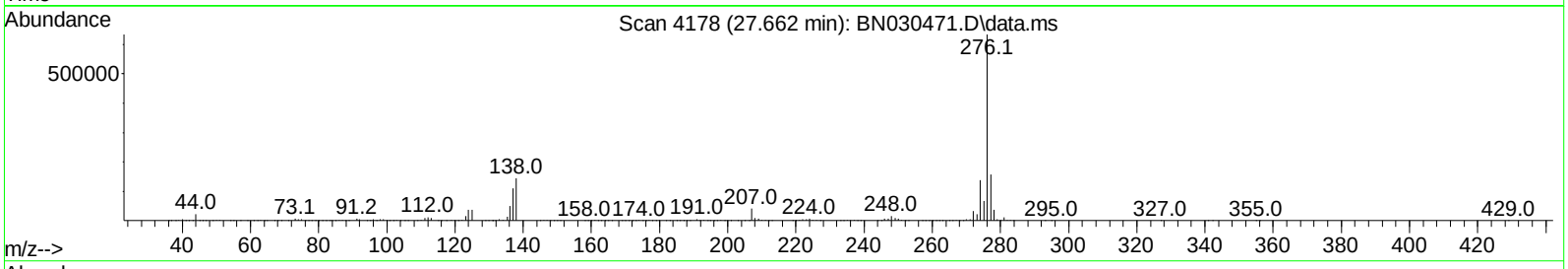

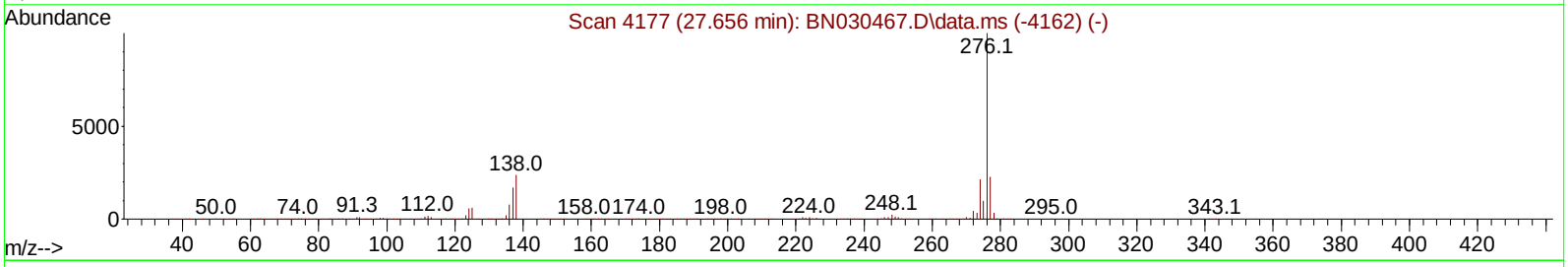

TIC: BN030471.D\data.ms

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

27.662min (+ 0.006) 20.84 ng/ul m

response 3045685

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.60	22.90
277.00	22.70	24.85
0.00	0.00	0.00

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Misc :
ALS Vial : 8 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	286142	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	1397320	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	1017970	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	2198317	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	2098111	20.000	ng/ul	0.00
88) Perylene-d12	24.327	264	2334905	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	53756	7.978	ng/uL	0.00
4) Pyridine-d5	3.617	84	440956	21.059	ng/ul	0.00
7) Phenol-d5	6.881	99	533446	20.746	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	372147	22.523	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	388871	21.662	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	450912	21.119	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	212890	22.703	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	198676	23.897	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	433724	23.153	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	710157	21.220	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	1553644	21.903	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1749302	21.892	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	297545	21.955	ng/ul	0.00
60) Fluorene-d10	15.363	176	1311946	21.614	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	176971	19.768	ng/ul	0.00
73) Anthracene-d10	17.210	188	2028489	21.404	ng/ul	0.00
81) Pyrene-d10	19.510	212	2382538	21.825	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.121	264	2365661	21.772	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	54210	7.510	ng/uL	98
5) Pyridine	3.634	79	387650	18.488	ng/ul	98
6) Benzaldehyde	6.869	77	310898	24.637	ng/ul	96
8) Phenol	6.910	94	533419	19.774	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.157	93	441654	19.733	ng/ul	99
12) 2-Chlorophenol	7.287	128	402389	20.705	ng/ul	98
13) 2-Methylphenol	8.157	108	404783	19.543	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	597167	19.277	ng/ul	99
16) Acetophenone	8.546	105	755327	21.559	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.528	70	391978	20.792	ng/ul	98
18) 4-Methylphenol	8.487	108	466813	20.190	ng/ul	95
19) Hexachloroethane	8.799	117	157655	19.653	ng/ul	96
22) Nitrobenzene	8.922	77	507464	20.389	ng/ul	97
23) Isophorone	9.446	82	1117775	20.458	ng/ul	99
25) 2-Nitrophenol	9.628	139	223254	22.721	ng/ul	98
26) 2,4-Dimethylphenol	9.687	107	406484	16.598	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.934	93	668754	19.917	ng/ul	99
29) 2,4-Dichlorophenol	10.151	162	408640	21.220	ng/ul	98
30) Naphthalene	10.563	128	1467986	20.122	ng/ul	100
32) 4-Chloroaniline	10.669	127	674624	20.758	ng/ul	99
33) Hexachlorobutadiene	10.846	225	228027	20.130	ng/ul	96
34) Caprolactam	11.428	113	185110	22.503	ng/ul	96
35) 4-Chloro-3-methylphenol	11.793	107	519302	21.836	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.181	142	1078248	21.066	ng/ul	96
37) 1-Methylnaphthalene	12.398	142	1016138	19.683	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	519618	20.742	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	268831	19.739	ng/ul	95
41) 2,4,6-Trichlorophenol	12.787	196	336165	21.369	ng/ul	95
42) 2,4,5-Trichlorophenol	12.851	196	380096	21.784	ng/ul	99
43) 1,1'-Biphenyl	13.198	154	1462697	20.724	ng/ul	98
44) 2-Chloronaphthalene	13.240	162	1116487	20.511	ng/ul	96
45) 2-Nitroaniline	13.440	65	338244	22.225	ng/ul	99
47) Dimethylphthalate	13.834	163	1490413	20.184	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	298395	23.671	ng/ul	96
50) Acenaphthylene	14.087	152	1891136	20.209	ng/ul	99
51) 3-Nitroaniline	14.269	138	358353	25.612	ng/ul	98
52) Acenaphthene	14.434	153	1202189	19.514	ng/ul	97
53) 2,4-Dinitrophenol	14.475	184	105118	18.563	ng/ul	98
55) 4-Nitrophenol	14.569	109	221001	20.821	ng/ul	98
56) Dibenzofuran	14.769	168	1752108	20.788	ng/ul	97
57) 2,4-Dinitrotoluene	14.728	165	421295	22.634	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.986	232	348801	23.661	ng/ul	97
59) Diethylphthalate	15.204	149	1542463	20.384	ng/ul	99
61) Fluorene	15.416	166	1432297	20.448	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.416	204	684989	20.522	ng/ul	100
63) 4-Nitroaniline	15.434	138	379575	26.831	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.486	198	194184	19.511	ng/ul	94
67) N-Nitrosodiphenylamine	15.634	169	1288955	21.272	ng/ul	97
68) 4-Bromophenyl-phenylether	16.310	248	422547	20.890	ng/ul	98
69) Hexachlorobenzene	16.410	284	477051	20.059	ng/ul	97
70) Atrazine	16.586	200	447251	21.136	ng/ul	97
71) Pentachlorophenol	16.757	266	297799	21.058	ng/ul	90
72) Phenanthrene	17.157	178	2331200	20.475	ng/ul	99
74) Anthracene	17.245	178	2390676	20.522	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	527305	20.865	ng/uL	99
76) Pentachlorobenzene	14.681	250	513903	19.654	ng/uL	94
77) Carbazole	17.516	167	2281073	22.192	ng/ul	99
78) Di-n-butylphthalate	18.098	149	2769254	21.341	ng/ul	99
80) Fluoranthene	19.175	202	2704338	20.424	ng/ul	100
82) Pyrene	19.539	202	2861940	20.624	ng/ul	99
83) Butylbenzylphthalate	20.463	149	1182698	21.732	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.269	252	999705	23.601	ng/ul	99
85) Benzo(a)anthracene	21.339	228	2889962	20.331	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.292	149	1922227	22.287	ng/ul	99
87) Chrysene	21.404	228	2700324	20.637	ng/ul	96
89) Di-n-octyl phthalate	22.427	149	2940056	20.379	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	2778545	20.465	ng/ul	99
91) Benzo(k)fluoranthene	23.451	252	2679570	19.222	ng/ul	99
93) Benzo(a)pyrene	24.180	252	2614348	20.175	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.662	276	3045685m	20.842	ng/ul	
95) Dibenzo(a,h)anthracene	27.733	278	2505158	20.405	ng/ul	99
96) Benzo(g,h,i)perylene	28.703	276	2321898	20.061	ng/ul	100

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

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