Quantitation Report (Qedit)

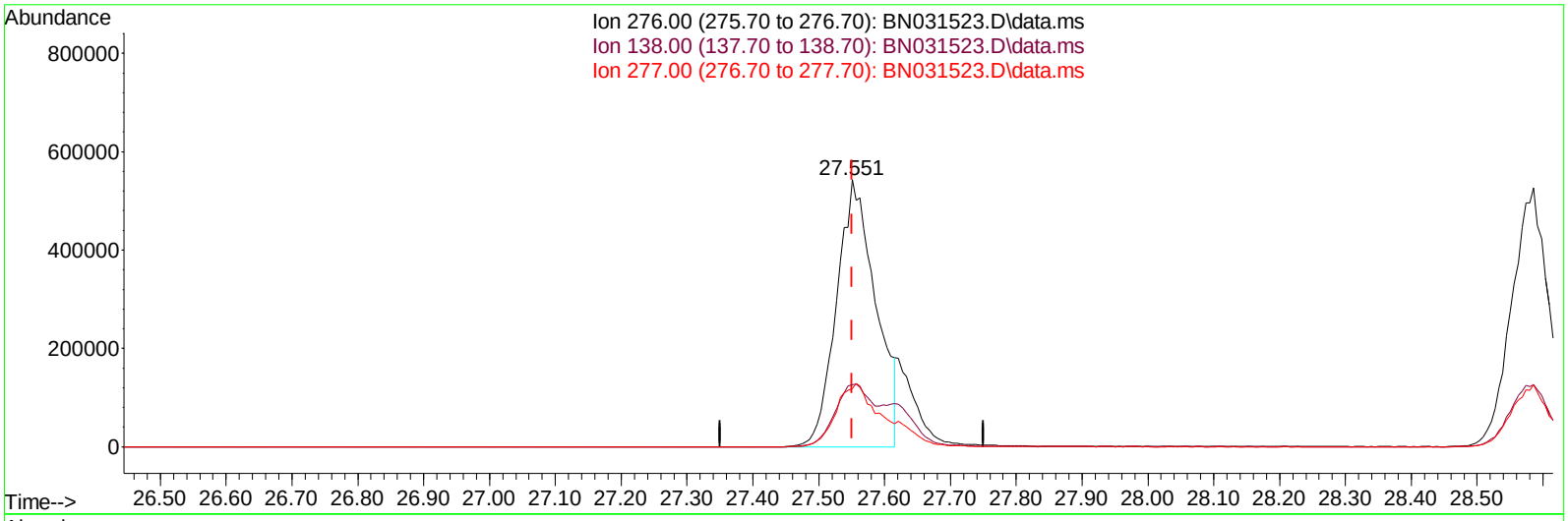
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051524\
Data File : BN031523.D
Acq On : 14 May 2024 13:52
Operator : MA/JU
Sample : SSTD02058
Misc :
ALS Vial : 4 Sample Multiplier: 1

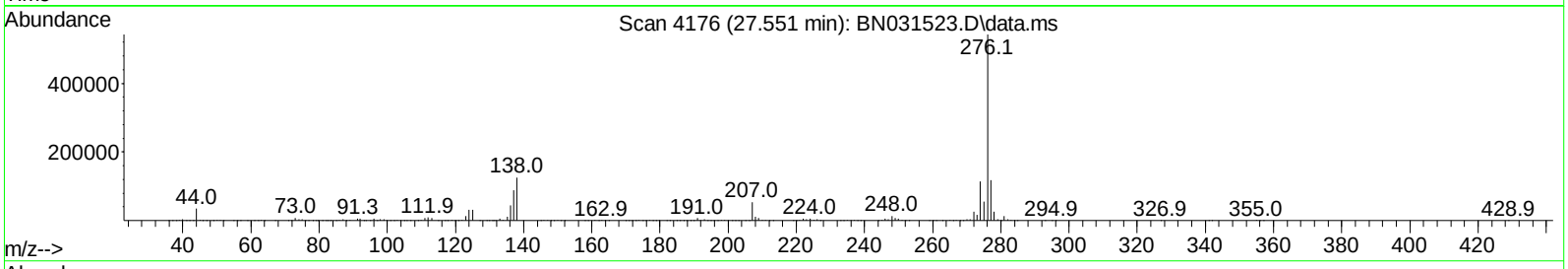
Quant Time: May 14 15:22:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 14 15:23:17 2024
Response via : Initial Calibration

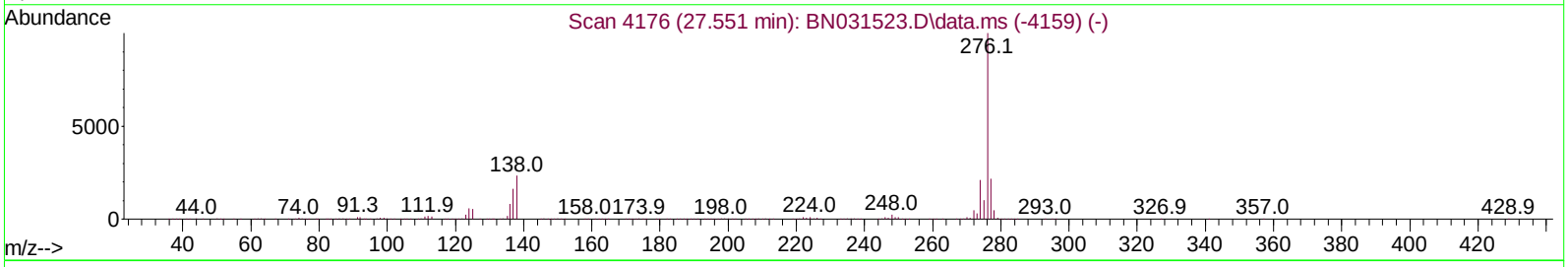
Instrument :
BNA_N
ClientSampleId :
SSTD020240

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024







TIC: BN031523.D\data.ms

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

27.551min (0.000) 16.61 ng/ul

response 2242516

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	23.23
277.00	21.80	21.81
0.00	0.00	0.00

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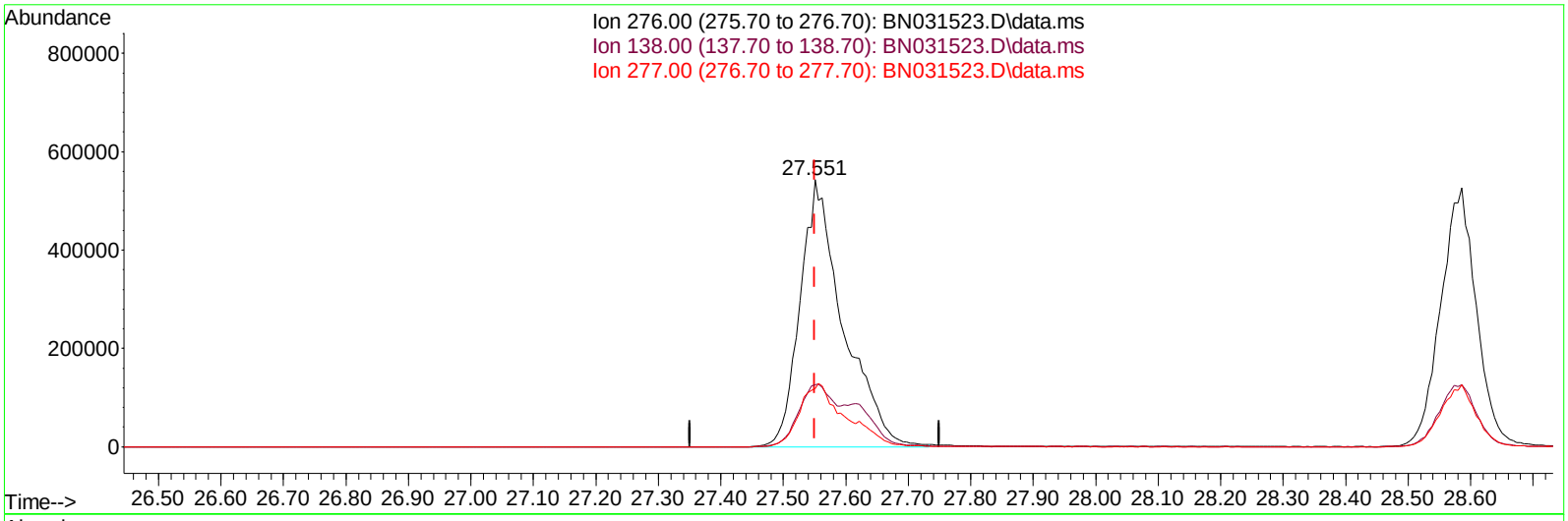

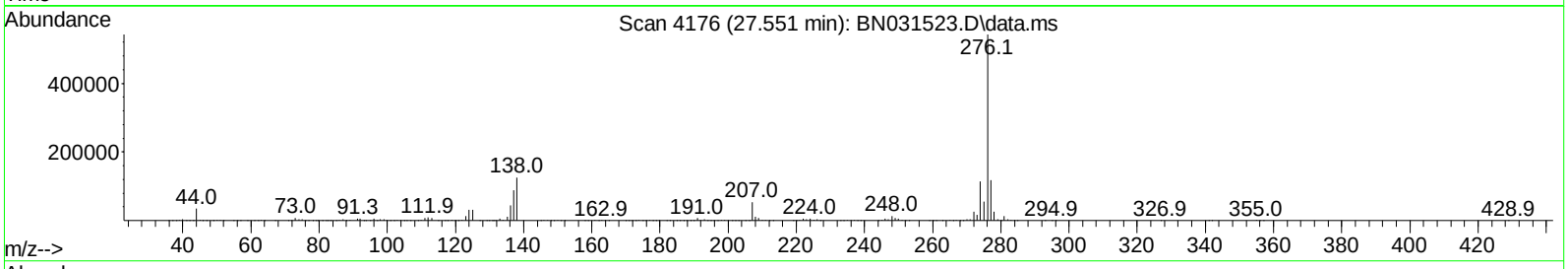

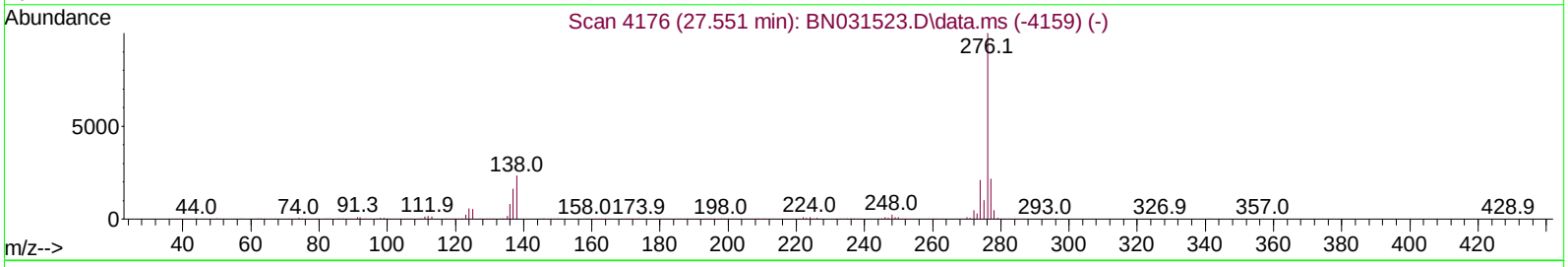

TIC: BN031523.D\data.ms

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

27.551min (0.000) 19.24 ng/ul m

response 2598057

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	23.23
277.00	21.80	21.81
0.00	0.00	0.00

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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	7.699	152	308122	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	1380655	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	875214	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	1823647	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1827204	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	2043030	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	60778	8.351	ng/uL	0.00
4) Pyridine-d5	3.605	84	466825	24.006	ng/ul	0.00
7) Phenol-d5	6.858	99	514029	21.425	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	355463	25.128	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	371738	19.172	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	393053	20.183	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	182265	18.009	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	129956	12.434	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	349630	17.488	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	594638	20.660	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	1132840	18.444	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	1396478	20.192	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	196308	18.196	ng/ul	0.00
60) Fluorene-d10	15.328	176	1028866	20.132	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	104129	10.417	ng/ul	0.00
73) Anthracene-d10	17.181	188	1581471	20.094	ng/ul	0.00
81) Pyrene-d10	19.475	212	1879747	18.218	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.051	264	1854431	19.244	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	65654	8.948	ng/uL	100
5) Pyridine	3.622	79	466790	23.757	ng/ul	100
6) Benzaldehyde	6.846	77	310222	26.327	ng/ul	100
8) Phenol	6.887	94	556725	22.663	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.128	93	477911	24.020	ng/ul	100
12) 2-Chlorophenol	7.263	128	402663	19.730	ng/ul	100
13) 2-Methylphenol	8.134	108	402731	21.531	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.228	45	633306	27.682	ng/ul	100
16) Acetophenone	8.516	105	713105	22.661	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.505	70	353203	22.667	ng/ul	100
18) 4-Methylphenol	8.457	108	431914	21.454	ng/ul	100
19) Hexachloroethane	8.769	117	180130	19.938	ng/ul	100
22) Nitrobenzene	8.893	77	523928	21.088	ng/ul	100
23) Isophorone	9.416	82	1000123	21.169	ng/ul	100
25) 2-Nitrophenol	9.599	139	157473	13.784	ng/ul	100
26) 2,4-Dimethylphenol	9.657	107	448673	19.011	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.904	93	637679	22.673	ng/ul	100
29) 2,4-Dichlorophenol	10.128	162	356098	17.980	ng/ul	100
30) Naphthalene	10.534	128	1463644	20.457	ng/ul	100
32) 4-Chloroaniline	10.646	127	600502	21.479	ng/ul	100
33) Hexachlorobutadiene	10.816	225	233093	16.886	ng/ul	100
34) Caprolactam	11.399	113	119976	18.730	ng/ul	100
35) 4-Chloro-3-methylphenol	11.763	107	412562	17.971	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.146	142	969185	20.001	ng/ul	100
37) 1-Methylnaphthalene	12.369	142	964008	19.971	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.516	216	465743	19.200	ng/ul	100
40) Hexachlorocyclopentadiene	12.498	237	228243	14.583	ng/ul	100
41) 2,4,6-Trichlorophenol	12.757	196	242358	15.706	ng/ul	100
42) 2,4,5-Trichlorophenol	12.822	196	285519	16.992	ng/ul	100
43) 1,1'-Biphenyl	13.169	154	1253025	20.175	ng/ul	100
44) 2-Chloronaphthalene	13.204	162	1007418	20.500	ng/ul	100
45) 2-Nitroaniline	13.410	65	252132	18.567	ng/ul	100
47) Dimethylphthalate	13.798	163	1181138	18.791	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	202797	16.567	ng/ul	100
50) Acenaphthylene	14.057	152	1634731	20.442	ng/ul	100
51) 3-Nitroaniline	14.240	138	226996	18.439	ng/ul	100
52) Acenaphthene	14.398	153	1095104	20.493	ng/ul	100
53) 2,4-Dinitrophenol	14.445	184	66041	9.631	ng/ul	100
55) 4-Nitrophenol	14.540	109	168240	15.618	ng/ul	100
56) Dibenzofuran	14.734	168	1470462	20.600	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	292942	16.576	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.957	232	202119	14.441	ng/ul	100
59) Diethylphthalate	15.169	149	1188915	18.320	ng/ul	100
61) Fluorene	15.387	166	1217891	20.585	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.387	204	572327	19.647	ng/ul	100
63) 4-Nitroaniline	15.404	138	241125	21.596	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.457	198	118253	11.300	ng/ul	100
67) N-Nitrosodiphenylamine	15.598	169	1005295	19.622	ng/ul	100
68) 4-Bromophenyl-phenylether	16.281	248	341664	18.966	ng/ul	100
69) Hexachlorobenzene	16.381	284	382260	18.054	ng/ul	100
70) Atrazine	16.551	200	272886	16.467	ng/ul	100
71) Pentachlorophenol	16.722	266	166740	12.956	ng/ul	100
72) Phenanthrene	17.122	178	1940588	20.655	ng/ul	100
74) Anthracene	17.216	178	1967199	20.502	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.128	216	464908	19.061	ng/uL	100
76) Pentachlorobenzene	14.651	250	441024	18.259	ng/uL	100
77) Carbazole	17.481	167	1805600	21.679	ng/ul	100
78) Di-n-butylphthalate	18.063	149	1969942	17.964	ng/ul	100
80) Fluoranthene	19.139	202	2224709	18.030	ng/ul	100
82) Pyrene	19.498	202	2398126	18.518	ng/ul	100
83) Butylbenzylphthalate	20.416	149	732907	13.686	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.222	252	664431	19.900	ng/ul	100
85) Benzo(a)anthracene	21.292	228	2466479	20.178	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	1251545	16.204	ng/ul	100
87) Chrysene	21.351	228	2240037	19.527	ng/ul	100
89) Di-n-octyl phthalate	22.363	149	1853516	13.952	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	2371704	19.631	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	2495867	20.666	ng/ul	100
93) Benzo(a)pyrene	24.115	252	2305643	20.554	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.551	276	2598057m	19.241	ng/ul	
95) Dibenzo(a,h)anthracene	27.621	278	2247705	19.989	ng/ul	100
96) Benzo(g,h,i)perylene	28.586	276	2105358	19.221	ng/ul	100

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

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