Quantitation Report (Qedit)

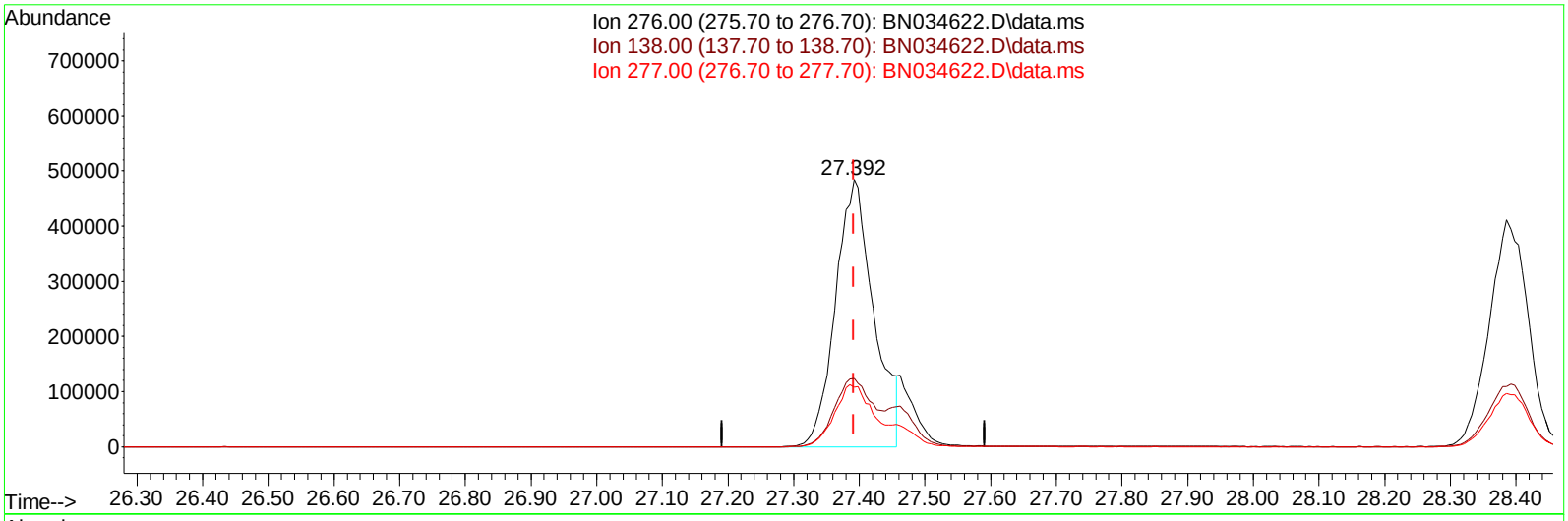
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034622.D
Acq On : 17 Oct 2024 15:21
Operator : RC/JU
Sample : P4352-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

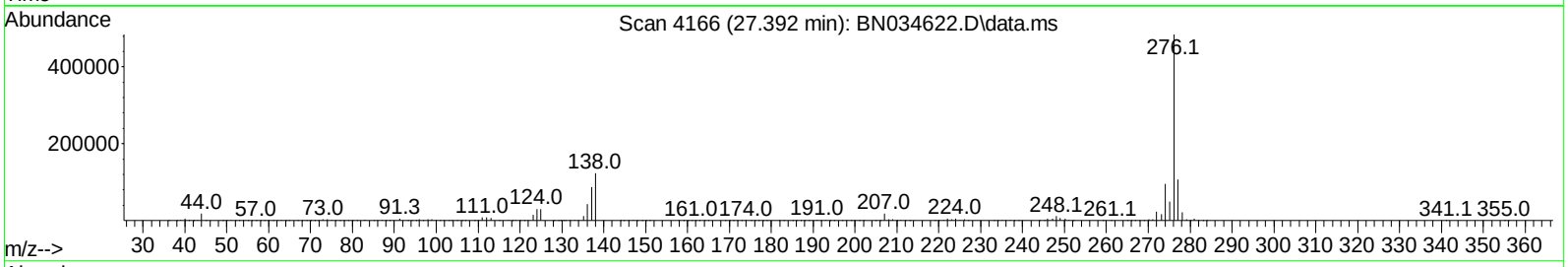
Quant Time: Oct 17 16:13:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

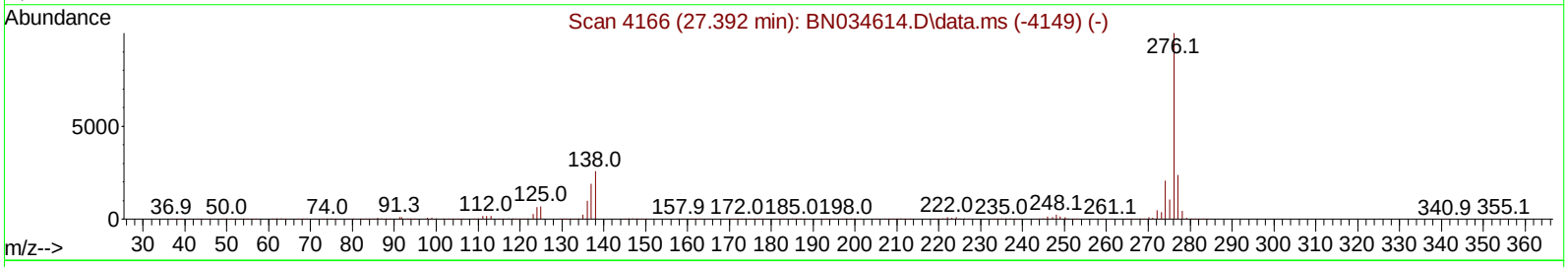
Instrument :
BNA_N
ClientSampleId :
A4FD0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024







TIC: BN034622.D\data.ms

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

27.392min (+ 0.000) 34.28 ng/ul

response 1955333

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	25.50
277.00	22.10	22.23
0.00	0.00	0.00

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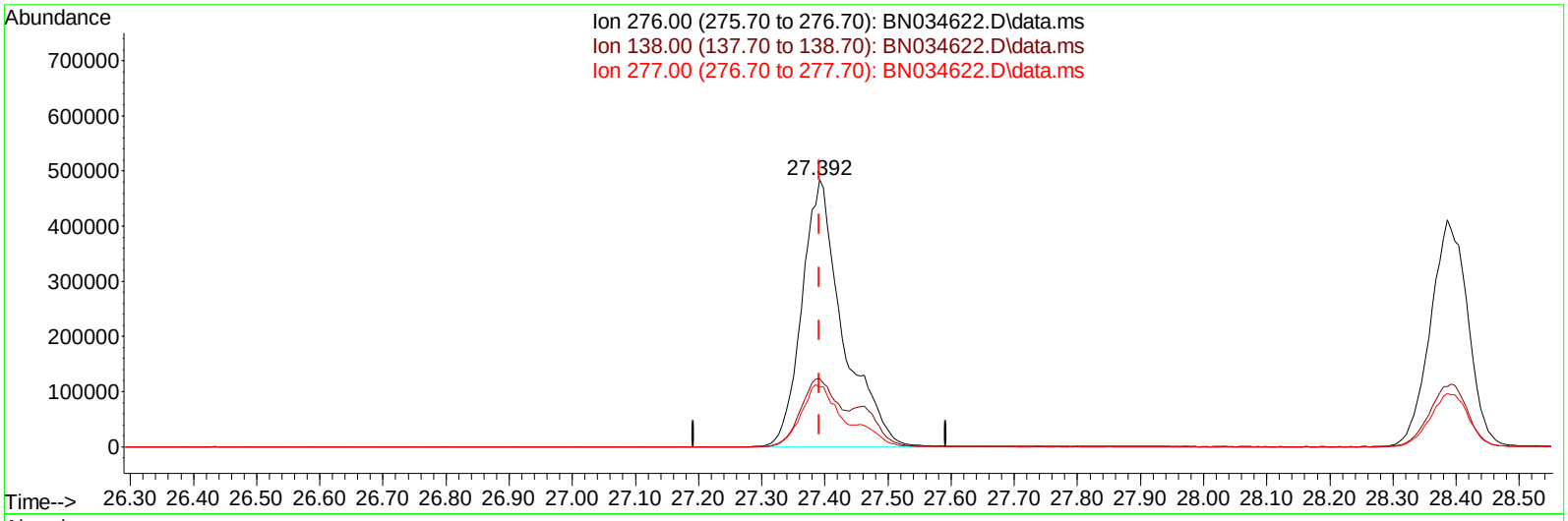

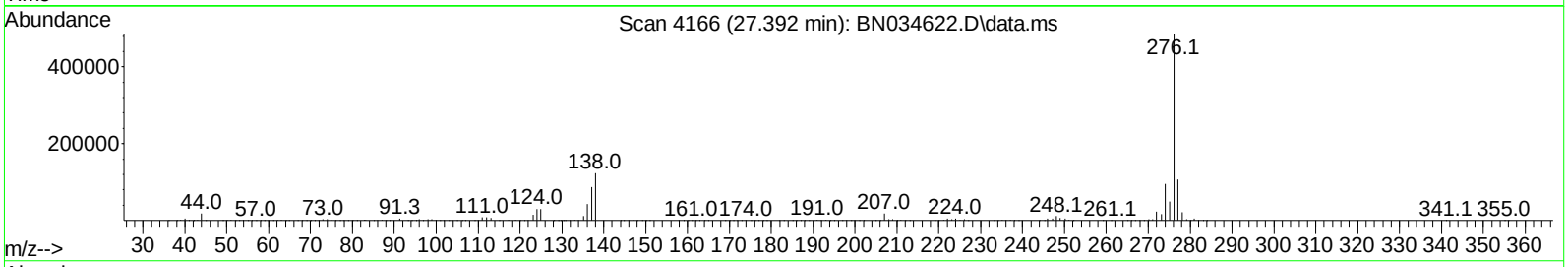

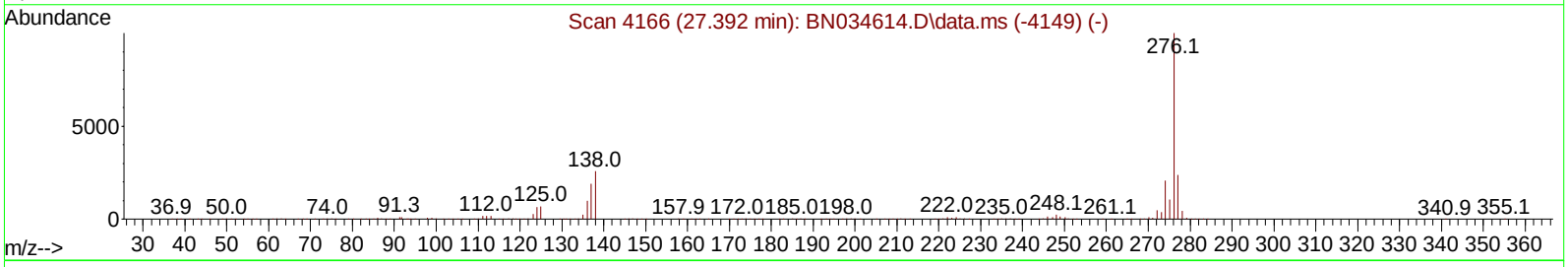

TIC: BN034622.D\data.ms

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

27.392min (+ 0.000) 38.14 ng/ul m

response 2175712

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	25.50
277.00	22.10	22.23
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	7.663	152	233019	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	912554	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	490776	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	892974	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	758676	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	878777	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	25681	4.410	ng/uL	0.00
4) Pyridine-d5	3.599	84	357962	21.053	ng/ul	0.00
7) Phenol-d5	6.834	99	448757	23.466	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	285665	24.217	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	368017	24.912	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	343561	23.052	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	172254	27.125	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	141338	28.164	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	307957	26.624	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	433687	21.856	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	784890	25.280	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	1004044	26.035	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	120320	20.803	ng/ul	0.00
60) Fluorene-d10	15.292	176	684247	25.480	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	58445	19.526	ng/ul	0.00
73) Anthracene-d10	17.139	188	1005743	26.347	ng/ul	0.00
81) Pyrene-d10	19.433	212	1071857	27.516	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1133938	28.005	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	84739	13.543	ng/uL	98
5) Pyridine	3.617	79	559556	32.340	ng/ul	99
6) Benzaldehyde	6.811	77	223385	19.900	ng/ul	100
8) Phenol	6.864	94	679030	34.005	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.099	93	525998	33.406	ng/ul	98
12) 2-Chlorophenol	7.234	128	530123	34.362	ng/ul	96
13) 2-Methylphenol	8.099	108	473387	32.114	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.193	45	774546	32.655	ng/ul	99
16) Acetophenone	8.475	105	756185	31.775	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.475	70	363789	31.389	ng/ul	98
18) 4-Methylphenol	8.428	108	512076	32.043	ng/ul	96
19) Hexachloroethane	8.740	117	222169	34.535	ng/ul	96
22) Nitrobenzene	8.852	77	550892	36.266	ng/ul	100
23) Isophorone	9.375	82	1003568	33.420	ng/ul	99
25) 2-Nitrophenol	9.557	139	234089	39.667	ng/ul	99
26) 2,4-Dimethylphenol	9.628	107	449605	30.529	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.869	93	628014	33.905	ng/ul	99
29) 2,4-Dichlorophenol	10.087	162	416638	35.603	ng/ul	99
30) Naphthalene	10.493	128	1617694	35.267	ng/ul	99
32) 4-Chloroaniline	10.593	127	417259	22.177	ng/ul	100
33) Hexachlorobutadiene	10.787	225	250635	35.634	ng/ul	99
34) Caprolactam	11.346	113	143373	31.424	ng/ul	92
35) 4-Chloro-3-methylphenol	11.722	107	449711	34.372	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	1019759	33.764	ng/ul	100
37) 1-Methylnaphthalene	12.328	142	997570	32.446	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	455808	37.796	ng/ul	96
40) Hexachlorocyclopentadiene	12.469	237	201831	31.506	ng/ul	94
41) 2,4,6-Trichlorophenol	12.722	196	263627	37.650	ng/ul	95
42) 2,4,5-Trichlorophenol	12.787	196	298766	38.506	ng/ul	96
43) 1,1'-Biphenyl	13.134	154	1245657	36.960	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	966867	36.704	ng/ul	99
45) 2-Nitroaniline	13.363	65	273475	39.576	ng/ul	100
47) Dimethylphthalate	13.769	163	1083776	34.752	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	216323	40.044	ng/ul	96
50) Acenaphthylene	14.016	152	1512154	36.186	ng/ul	97
51) 3-Nitroaniline	14.193	138	231891	33.630	ng/ul	92
52) Acenaphthene	14.363	153	1021781	35.194	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	65069	30.876	ng/ul	98
55) 4-Nitrophenol	14.498	109	151423	35.751	ng/ul	92
56) Dibenzofuran	14.698	168	1353877	35.093	ng/ul	96
57) 2,4-Dinitrotoluene	14.657	165	301328	39.111	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.922	232	203908	36.665	ng/ul	96
59) Diethylphthalate	15.145	149	1087239	34.362	ng/ul	100
61) Fluorene	15.351	166	1087540	34.984	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.357	204	489168	35.054	ng/ul	97
63) 4-Nitroaniline	15.357	138	258883	37.684	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.422	198	111812	32.289	ng/ul	96
67) N-Nitrosodiphenylamine	15.563	169	909234	36.132	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	277064	35.640	ng/ul	98
69) Hexachlorobenzene	16.351	284	314768	35.262	ng/ul	97
70) Atrazine	16.522	200	234323	27.798	ng/ul	99
71) Pentachlorophenol	16.692	266	161271	33.708	ng/ul	97
72) Phenanthrene	17.081	178	1582149	35.497	ng/ul	99
74) Anthracene	17.175	178	1623438	35.251	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.087	216	438657	39.233	ng/uL	98
76) Pentachlorobenzene	14.616	250	391720	36.610	ng/uL	99
77) Carbazole	17.439	167	1519589	35.633	ng/ul	99
78) Di-n-butylphthalate	18.039	149	1785671	35.987	ng/ul	99
80) Fluoranthene	19.098	202	1691152	36.187	ng/ul	98
82) Pyrene	19.463	202	1834769	36.857	ng/ul	100
83) Butylbenzylphthalate	20.392	149	735743	39.866	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.180	252	512524	33.583	ng/ul	96
85) Benzo(a)anthracene	21.251	228	1747431	36.253	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	1104321	38.136	ng/ul	100
87) Chrysene	21.310	228	1646908	35.997	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	1918528	37.563	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1702568	36.055	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1781076	36.911	ng/ul	98
93) Benzo(a)pyrene	24.021	252	1681741	36.785	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.392	276	2175712m	38.144	ng/ul	
95) Dibenzo(a,h)anthracene	27.457	278	1783598	38.480	ng/ul	98
96) Benzo(g,h,i)perylene	28.386	276	1700758	38.415	ng/ul	99

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

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