Quantitation Report (Qedit)

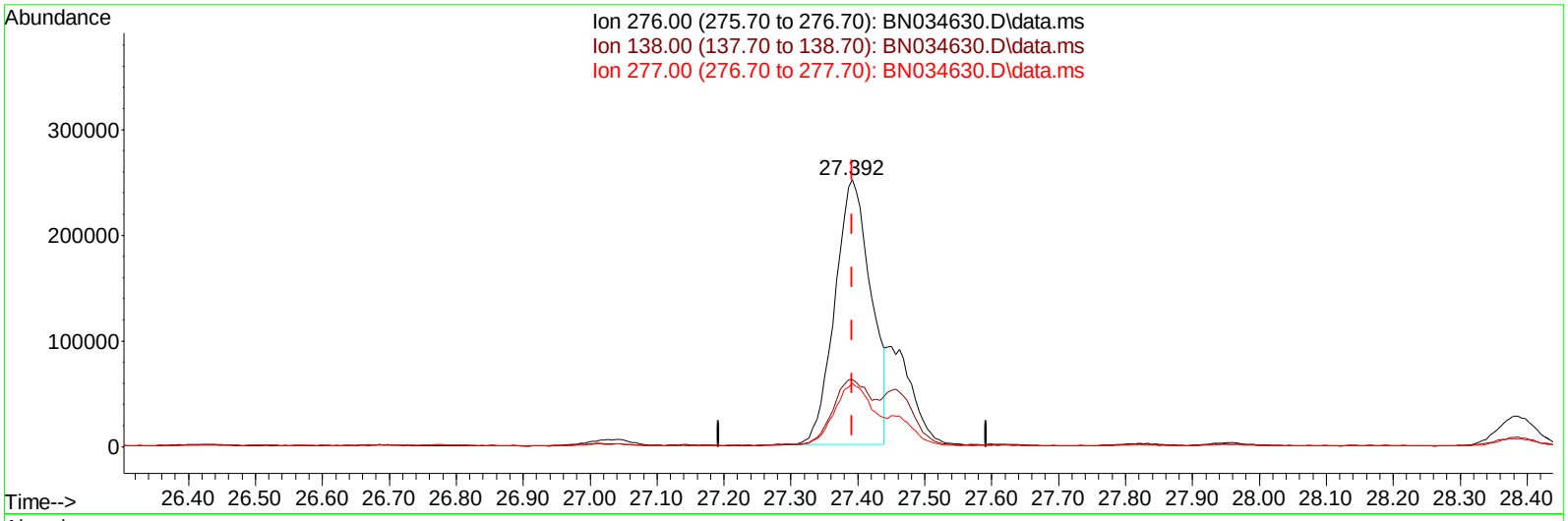
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034630.D
Acq On : 17 Oct 2024 20:35
Operator : RC/JU
Sample : P4360-06MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

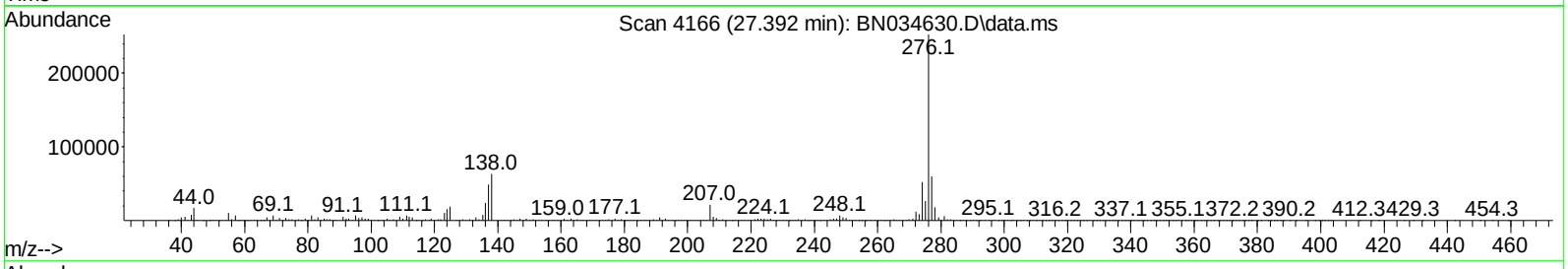
Quant Time: Oct 17 23:48:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

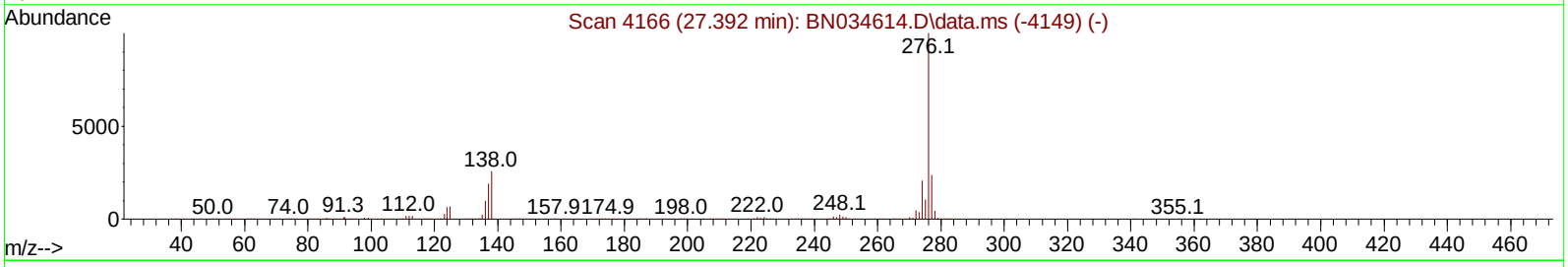
Instrument :
BNA_N
ClientSampleId :
A4FC8MS

Manual IntegrationsAPPROVED

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







TIC: BN034630.D\data.ms

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

27.392min (+ 0.000) 10.98 ng/ul

response 941661

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	25.02
277.00	22.10	23.71
0.00	0.00	0.00

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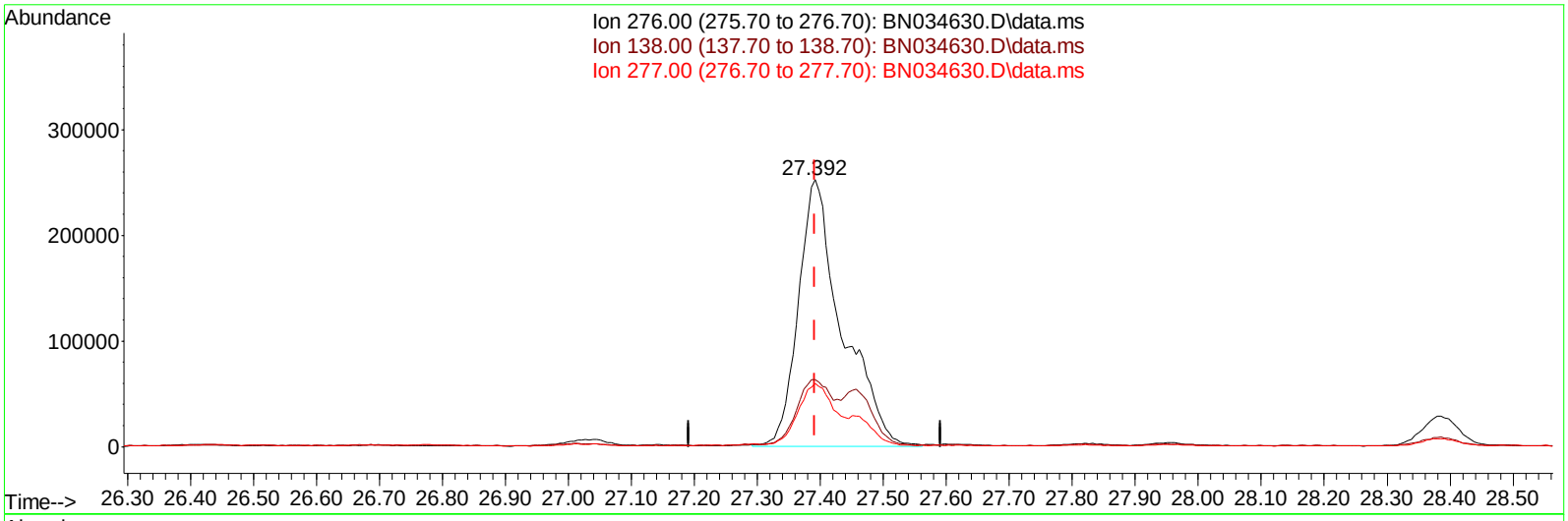

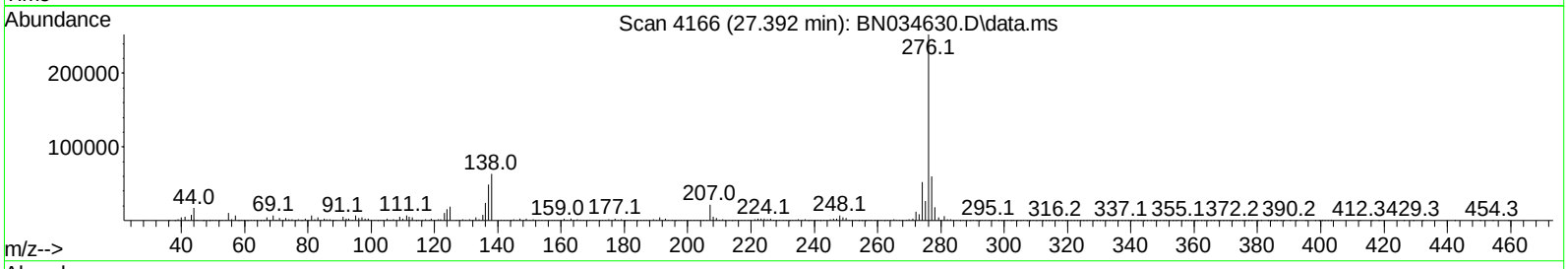

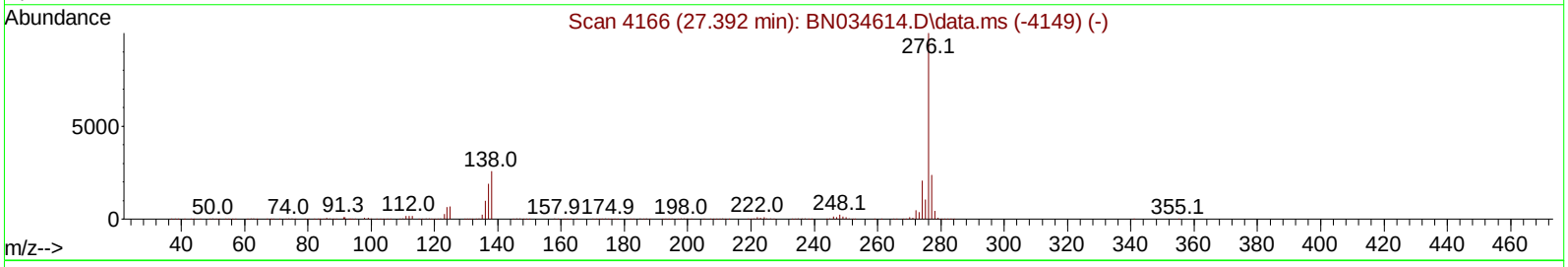

TIC: BN034630.D\data.ms

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

27.392min (+ 0.000) 14.16 ng/ul m

response 1213763

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	25.02
277.00	22.10	23.71
0.00	0.00	0.00

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Sample : P4360-06MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 18 00:01:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
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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	7.663	152	317580	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1235580	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	652730	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	1181486	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	1080925	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1320749	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	17199	2.167	ng/uL	0.00
4) Pyridine-d5	3.605	84	200591	8.656	ng/ul	0.00
7) Phenol-d5	6.834	99	321638	12.341	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	204150	12.698	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	263045	13.065	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	231760	11.410	ng/ul	0.00
21) Nitrobenzene-d5	8.804	128	119726	13.924	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	92852	13.665	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	221467	14.141	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	147848	5.503	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	581584	14.084	ng/ul	0.00
49) Acenaphthylene-d8	13.986	160	716140	13.962	ng/ul	0.00
54) 4-Nitrophenol-d4	14.486	143	90184	11.724	ng/ul	0.00
60) Fluorene-d10	15.292	176	503664	14.102	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	29737	7.509	ng/ul	0.00
73) Anthracene-d10	17.139	188	710059	14.059	ng/ul	0.00
81) Pyrene-d10	19.433	212	682336	12.294	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	546453	8.980	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	46316	5.431	ng/uL	98
5) Pyridine	3.622	79	214212	9.084	ng/ul	99
6) Benzaldehyde	6.810	77	76454	4.997	ng/ul	99
8) Phenol	6.857	94	431041	15.838	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.099	93	318199	14.828	ng/ul	99
12) 2-Chlorophenol	7.228	128	317847	15.117	ng/ul	99
13) 2-Methylphenol	8.104	108	266802	13.280	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.187	45	479384	14.829	ng/ul	100
16) Acetophenone	8.475	105	656491	20.240	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.469	70	221174	14.002	ng/ul	98
18) 4-Methylphenol	8.428	108	292137	13.413	ng/ul	97
19) Hexachloroethane	8.734	117	96343	10.989	ng/ul	98
22) Nitrobenzene	8.851	77	329284	16.010	ng/ul	98
23) Isophorone	9.375	82	616663	15.167	ng/ul	99
25) 2-Nitrophenol	9.557	139	130860	16.377	ng/ul	99
26) 2,4-Dimethylphenol	9.622	107	144499	7.247	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.863	93	388063	15.473	ng/ul	100
29) 2,4-Dichlorophenol	10.087	162	255807	16.145	ng/ul	99
30) Naphthalene	10.487	128	984721	15.855	ng/ul	99
32) 4-Chloroaniline	10.593	127	128649	5.050	ng/ul	98
33) Hexachlorobutadiene	10.787	225	151893	15.950	ng/ul	98
34) Caprolactam	11.340	113	84409	13.664	ng/ul	92
35) 4-Chloro-3-methylphenol	11.722	107	265909	15.011	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	634522	15.516	ng/ul	99
37) 1-Methylnaphthalene	12.328	142	617058	14.823	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.481	216	263328	16.418	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	52561	6.169	ng/ul	97
41) 2,4,6-Trichlorophenol	12.716	196	164003	17.611	ng/ul	96
42) 2,4,5-Trichlorophenol	12.787	196	181368	17.576	ng/ul	95
43) 1,1'-Biphenyl	13.134	154	753482	16.810	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	586013	16.727	ng/ul	99
45) 2-Nitroaniline	13.363	65	152127	16.553	ng/ul	99
47) Dimethylphthalate	13.763	163	669577	16.143	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	123829	17.235	ng/ul	97
50) Acenaphthylene	14.016	152	920296	16.558	ng/ul	99
51) 3-Nitroaniline	14.192	138	99191	10.816	ng/ul	94
52) Acenaphthene	14.357	153	650009	16.834	ng/ul	100
53) 2,4-Dinitrophenol	14.398	184	24471	8.731	ng/ul	95
55) 4-Nitrophenol	14.498	109	90630	16.089	ng/ul	99
56) Dibenzofuran	14.698	168	847393	16.515	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	173033	16.886	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.922	232	122219	16.523	ng/ul	97
59) Diethylphthalate	15.139	149	677573	16.101	ng/ul	100
61) Fluorene	15.345	166	691439	16.723	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.351	204	304520	16.408	ng/ul	96
63) 4-Nitroaniline	15.357	138	131030	14.341	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.416	198	45273	9.881	ng/ul#	85
67) N-Nitrosodiphenylamine	15.563	169	559046	16.791	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	176541	17.164	ng/ul	97
69) Hexachlorobenzene	16.351	284	143088	12.115	ng/ul	95
70) Atrazine	16.522	200	173971	15.598	ng/ul	99
71) Pentachlorophenol	16.692	266	80125	12.658	ng/ul	98
72) Phenanthrene	17.080	178	1360493	23.070	ng/ul	99
74) Anthracene	17.175	178	1048581	17.209	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	247065	16.701	ng/uL	99
76) Pentachlorobenzene	14.616	250	211251	14.922	ng/uL	94
77) Carbazole	17.439	167	889404	15.763	ng/ul	100
78) Di-n-butylphthalate	18.039	149	1180195	17.977	ng/ul	100
80) Fluoranthene	19.098	202	1757571	26.396	ng/ul	98
82) Pyrene	19.463	202	1359871	19.173	ng/ul	99
83) Butylbenzylphthalate	20.392	149	523123	19.895	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.174	252	142106	6.536	ng/ul	96
85) Benzo(a)anthracene	21.251	228	1469049	21.391	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	884633	21.442	ng/ul	99
87) Chrysene	21.310	228	1446165	22.186	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	1467246	19.114	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1571191	22.139	ng/ul	98
91) Benzo(k)fluoranthene	23.310	252	1432807	19.757	ng/ul	98
93) Benzo(a)pyrene	24.021	252	709690	10.328	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.392	276	1213763m	14.159	ng/ul	
95) Dibenzo(a,h)anthracene	27.462	278	1260888	18.100	ng/ul	98
96) Benzo(g,h,i)perylene	28.386	276	115851	1.741	ng/ul	93

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

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