Quantitation Report (Qedit)

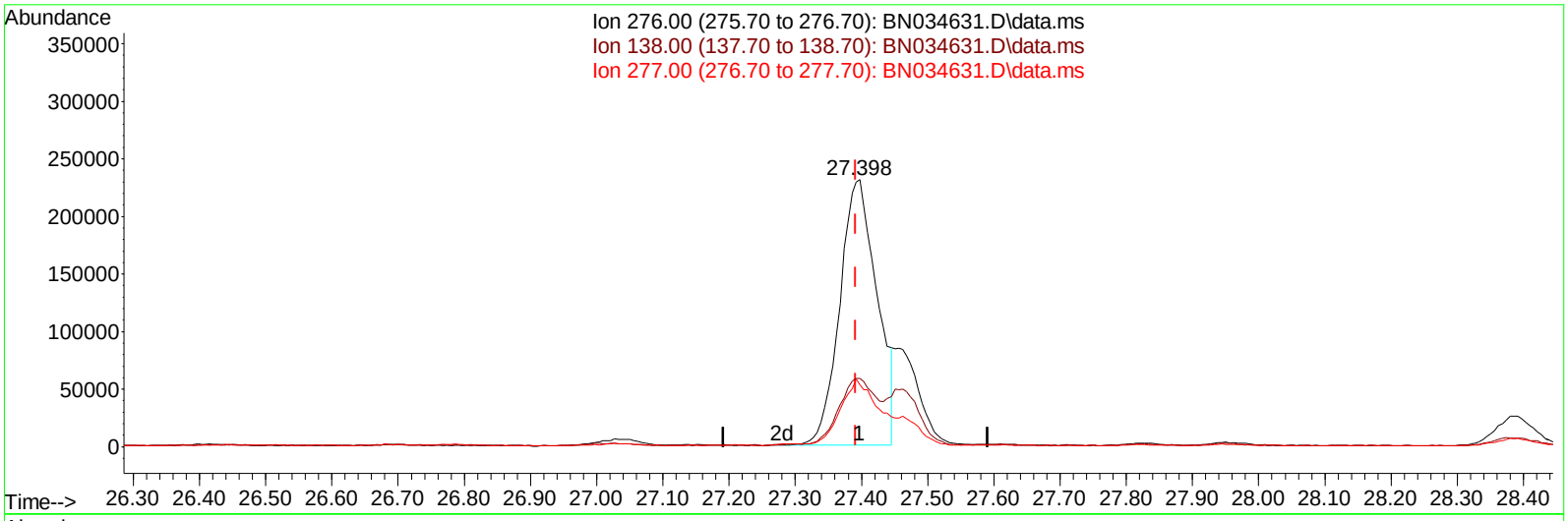
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034631.D
Acq On : 17 Oct 2024 21:14
Operator : RC/JU
Sample : P4360-07MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

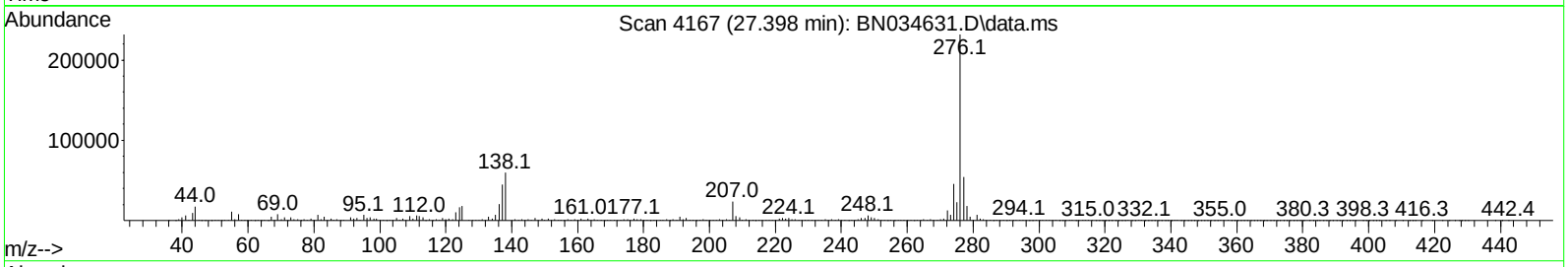
Quant Time: Oct 17 23:48:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

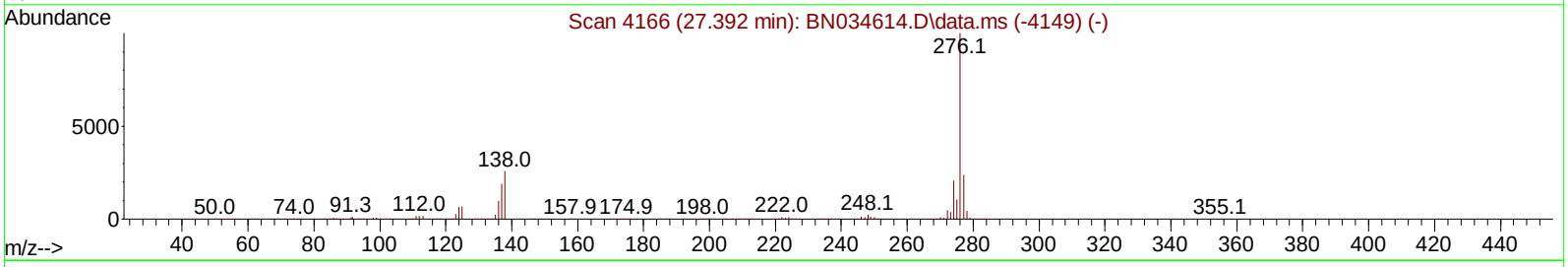
Instrument :
BNA_N
ClientSampleId :
A4FC8MSD

Manual IntegrationsAPPROVED

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







TIC: BN034631.D\data.ms

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

27.398min (+ 0.006) 13.21 ng/ul

response 898065

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	25.70
277.00	22.10	23.30
0.00	0.00	0.00

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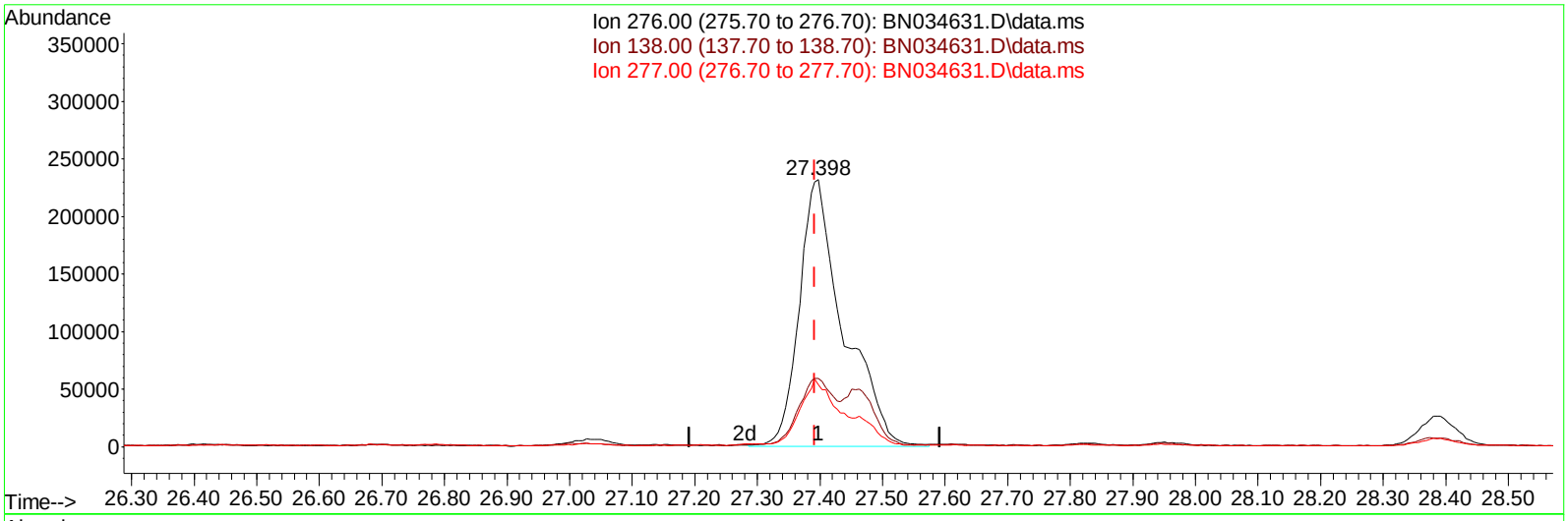

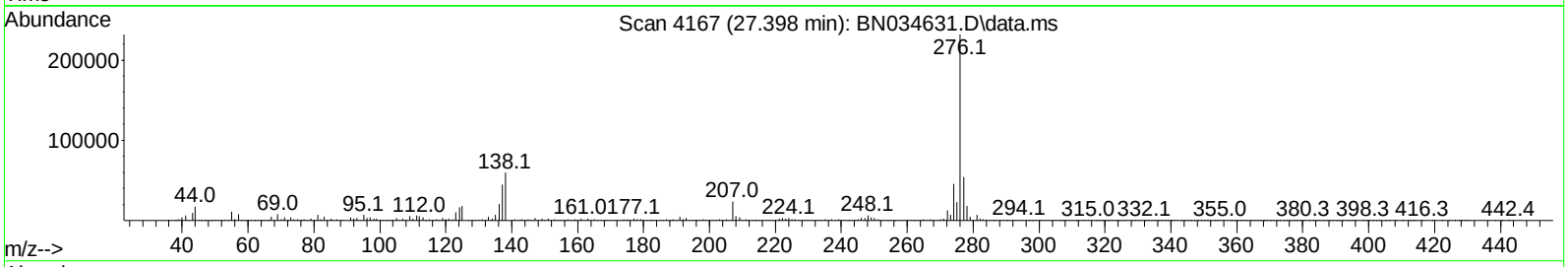

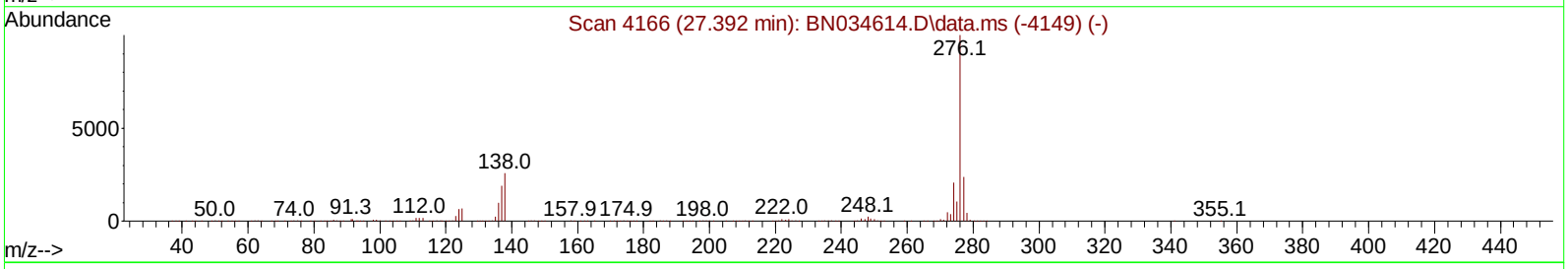

TIC: BN034631.D\data.ms

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

27.398min (+ 0.006) 16.70 ng/ul m

response 1135969

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	25.70
277.00	22.10	23.30
0.00	0.00	0.00

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Operator : RC/JU
Sample : P4360-07MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 18 00:02:24 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 :
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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	332867	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1330404	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	688434	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	1083909	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	857074	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1047777	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	19687	2.367	ng/uL	0.00
4) Pyridine-d5	3.605	84	234383	9.650	ng/ul	0.00
7) Phenol-d5	6.834	99	396098	14.500	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	244957	14.537	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	322496	15.282	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	296912	13.946	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	149529	16.151	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	125810	17.196	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	282057	16.726	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	159762	5.523	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	731778	16.802	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	879777	16.263	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	101300	12.486	ng/ul	0.00
60) Fluorene-d10	15.292	176	597778	15.869	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	29303	8.065	ng/ul	0.00
73) Anthracene-d10	17.139	188	787710	17.000	ng/ul	0.00
81) Pyrene-d10	19.433	212	646193	14.684	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	510147	10.567	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	52145	5.834	ng/uL	99
5) Pyridine	3.622	79	251367	10.170	ng/ul	99
6) Benzaldehyde	6.810	77	94165	5.872	ng/ul	99
8) Phenol	6.863	94	537301	18.836	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.099	93	384193	17.081	ng/ul	98
12) 2-Chlorophenol	7.234	128	388386	17.623	ng/ul	96
13) 2-Methylphenol	8.105	108	333866	15.855	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.193	45	583885	17.233	ng/ul	100
16) Acetophenone	8.481	105	796283	23.423	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.469	70	281069	16.977	ng/ul	99
18) 4-Methylphenol	8.428	108	368554	16.145	ng/ul	96
19) Hexachloroethane	8.740	117	115818	12.603	ng/ul	94
22) Nitrobenzene	8.852	77	406550	18.358	ng/ul	99
23) Isophorone	9.375	82	775272	17.709	ng/ul	99
25) 2-Nitrophenol	9.557	139	168381	19.571	ng/ul	96
26) 2,4-Dimethylphenol	9.628	107	193192	8.998	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.869	93	489458	18.125	ng/ul	100
29) 2,4-Dichlorophenol	10.087	162	324915	19.044	ng/ul	98
30) Naphthalene	10.493	128	1199508	17.937	ng/ul	99
32) 4-Chloroaniline	10.593	127	148959	5.431	ng/ul	99
33) Hexachlorobutadiene	10.787	225	187450	18.281	ng/ul	98
34) Caprolactam	11.346	113	106472	16.007	ng/ul	95
35) 4-Chloro-3-methylphenol	11.728	107	338556	17.749	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	793096	18.012	ng/ul	98
37) 1-Methylnaphthalene	12.328	142	767111	17.114	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.481	216	330457	19.535	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	62122	6.913	ng/ul	98
41) 2,4,6-Trichlorophenol	12.722	196	208186	21.196	ng/ul	92
42) 2,4,5-Trichlorophenol	12.787	196	223228	20.510	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	963679	20.384	ng/ul	98
44) 2-Chloronaphthalene	13.169	162	731654	19.801	ng/ul	98
45) 2-Nitroaniline	13.363	65	196718	20.295	ng/ul	99
47) Dimethylphthalate	13.763	163	841250	19.231	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	156218	20.615	ng/ul	93
50) Acenaphthylene	14.016	152	1130410	19.284	ng/ul	98
51) 3-Nitroaniline	14.192	138	123244	12.742	ng/ul	91
52) Acenaphthene	14.363	153	796658	19.562	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	24727	8.365	ng/ul	96
55) 4-Nitrophenol	14.504	109	97751	16.453	ng/ul	95
56) Dibenzofuran	14.698	168	1039091	19.201	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	209002	19.339	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.922	232	144724	18.551	ng/ul	98
59) Diethylphthalate	15.139	149	831413	18.732	ng/ul	100
61) Fluorene	15.351	166	824219	18.901	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.357	204	359494	18.365	ng/ul	98
63) 4-Nitroaniline	15.357	138	149025	15.464	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.422	198	43722	10.402	ng/ul#	88
67) N-Nitrosodiphenylamine	15.563	169	659598	21.595	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	203334	21.548	ng/ul	98
69) Hexachlorobenzene	16.351	284	157616	14.547	ng/ul	99
70) Atrazine	16.522	200	200513	19.597	ng/ul	100
71) Pentachlorophenol	16.692	266	86212	14.845	ng/ul	93
72) Phenanthrene	17.081	178	1443027	26.673	ng/ul	99
74) Anthracene	17.175	178	1148793	20.550	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	308048	22.698	ng/uL	99
76) Pentachlorobenzene	14.616	250	258319	19.889	ng/uL	99
77) Carbazole	17.439	167	914983	17.676	ng/ul	100
78) Di-n-butylphthalate	18.039	149	1266725	21.032	ng/ul	99
80) Fluoranthene	19.104	202	1721974	32.616	ng/ul	100
82) Pyrene	19.463	202	1292912	22.990	ng/ul	99
83) Butylbenzylphthalate	20.392	149	492781	23.636	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.180	252	129869	7.533	ng/ul	93
85) Benzo(a)anthracene	21.251	228	1374473	25.241	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	812681	24.843	ng/ul	100
87) Chrysene	21.310	228	1299156	25.136	ng/ul	96
89) Di-n-octyl phthalate	22.333	149	1346105	22.105	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1496057	26.572	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	1262270	21.940	ng/ul	99
93) Benzo(a)pyrene	24.021	252	647886	11.885	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.398	276	1135969m	16.703	ng/ul	
95) Dibenzo(a,h)anthracene	27.462	278	1172509	21.216	ng/ul	97
96) Benzo(g,h,i)perylene	28.386	276	108442	2.054	ng/ul	95

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

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