Quantitation Report (Qedit)

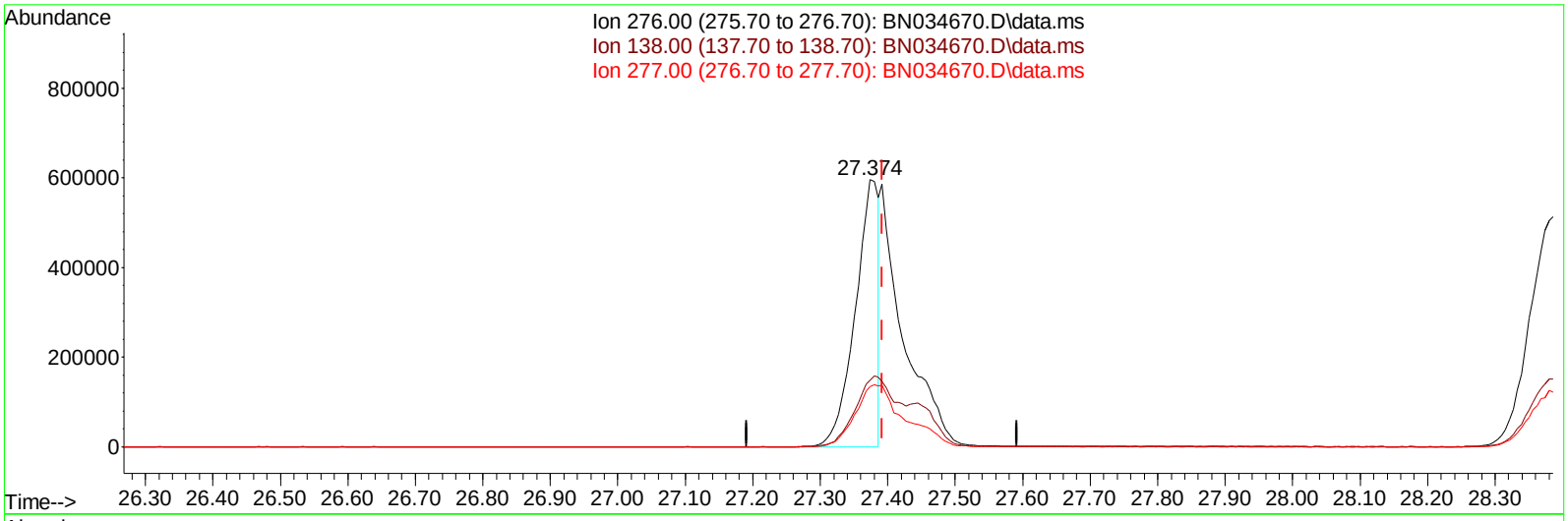
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034670.D
Acq On : 19 Oct 2024 05:03
Operator : RC/JU
Sample : PB164251BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

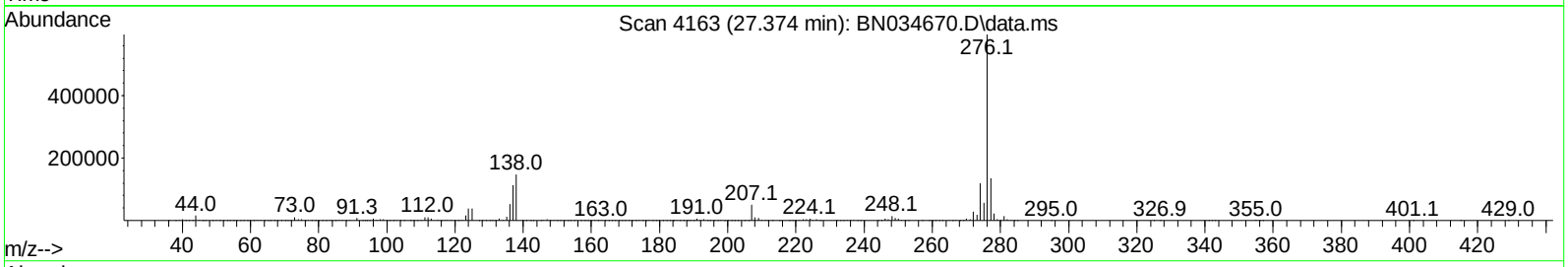
Quant Time: Oct 19 05:35:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

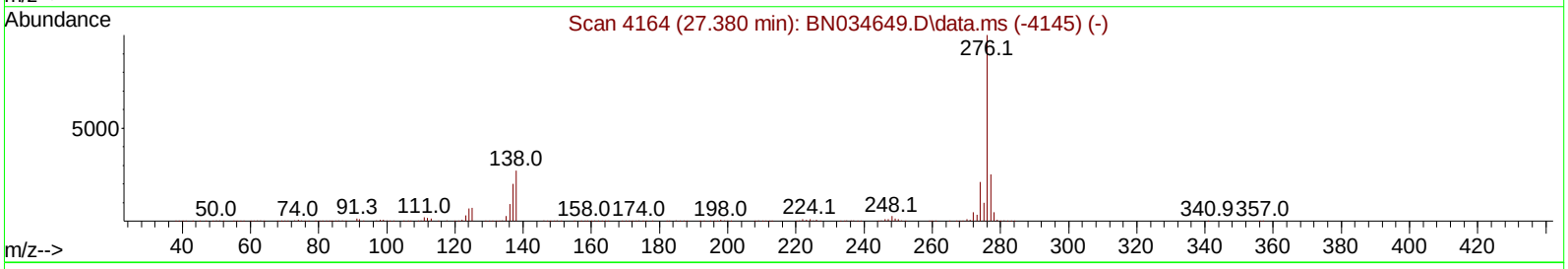
Instrument :
BNA_N
ClientSampleId :
SLCS251

Manual IntegrationsAPPROVED

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







TIC: BN034670.D\data.ms

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

27.374min (-0.018) 15.23 ng/ul

response 1428994

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	24.91
277.00	22.10	22.61
0.00	0.00	0.00

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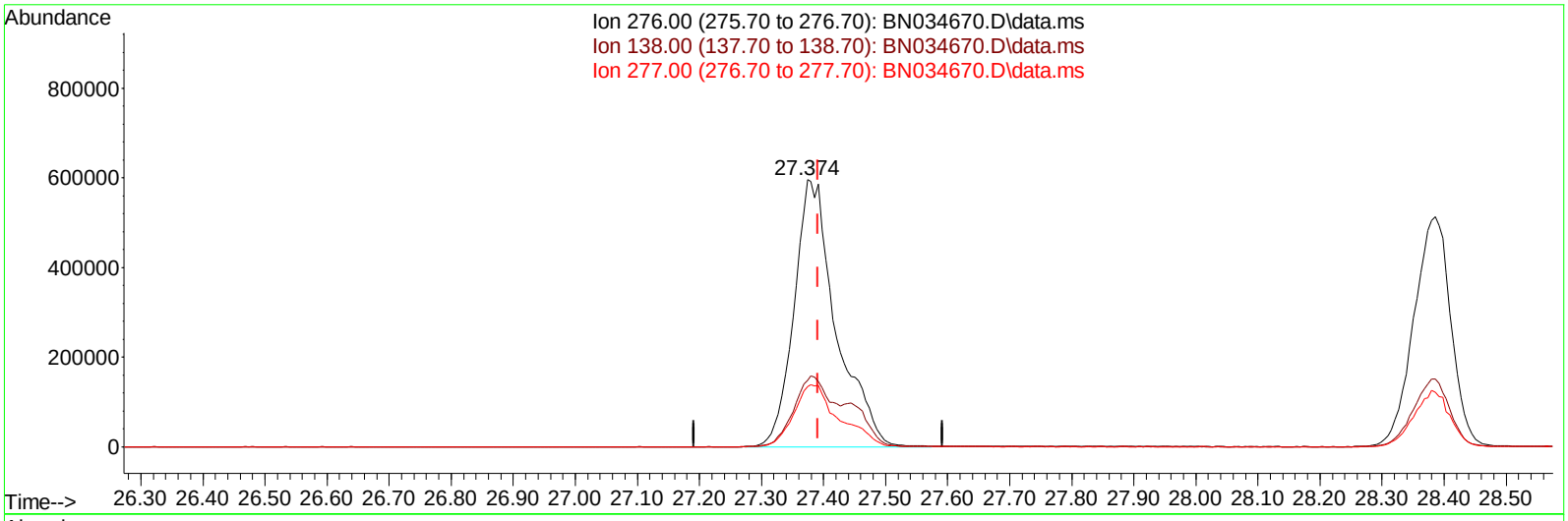

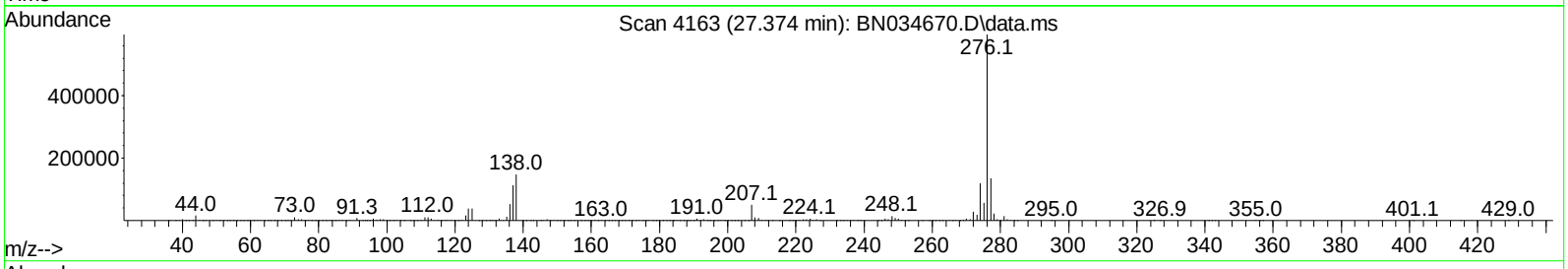

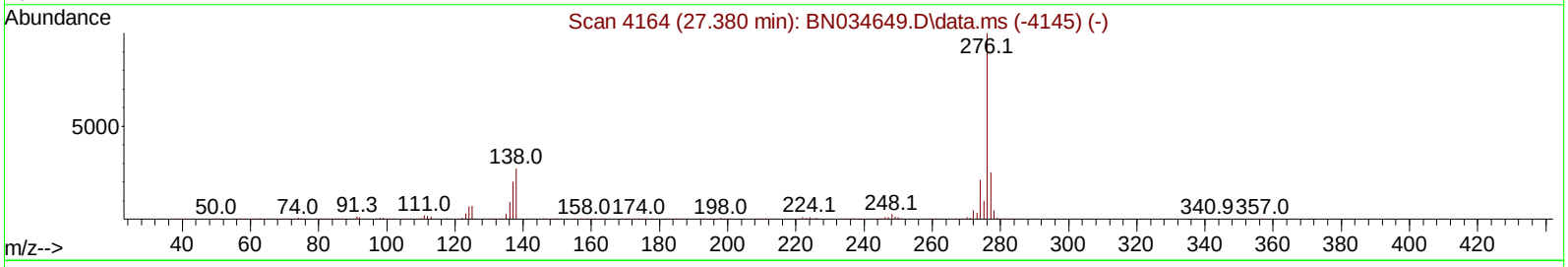

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(94) Indeno(1,2,3-cd)pyrene

27.374min (-0.018) 29.87 ng/ul m

response 2802892

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	24.91
277.00	22.10	22.61
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	378956	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1523393	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	797651	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	1416507	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1211449	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1445686	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	51438	5.432	ng/uL	0.00
4) Pyridine-d5	3.605	84	754677	27.292	ng/ul	0.00
7) Phenol-d5	6.846	99	888068	28.555	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.005	67	537077	27.996	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	732890	30.506	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	677644	27.959	ng/ul	0.01
21) Nitrobenzene-d5	8.810	128	342578	32.315	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	336232	40.135	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	591921	30.655	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	852701	25.742	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	1472517	29.181	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	1853980	29.578	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	284087	30.221	ng/ul	0.01
60) Fluorene-d10	15.292	176	1243813	28.498	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	141444	29.790	ng/ul	0.00
73) Anthracene-d10	17.139	188	1816485	29.999	ng/ul	0.00
81) Pyrene-d10	19.427	212	1902258	30.582	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	2020970	30.339	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	106192	10.436	ng/uL	99
5) Pyridine	3.622	79	752396	26.739	ng/ul	100
6) Benzaldehyde	6.810	77	130446	7.146	ng/ul	99
8) Phenol	6.869	94	903795	27.831	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.099	93	704797	27.524	ng/ul	97
12) 2-Chlorophenol	7.234	128	740000	29.494	ng/ul	97
13) 2-Methylphenol	8.104	108	657082	27.409	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.187	45	1023538	26.534	ng/ul	98
16) Acetophenone	8.481	105	1014250	26.206	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.475	70	487619	25.871	ng/ul	96
18) 4-Methylphenol	8.434	108	707717	27.231	ng/ul	96
19) Hexachloroethane	8.734	117	299111	28.590	ng/ul	96
22) Nitrobenzene	8.852	77	754621	29.759	ng/ul	98
23) Isophorone	9.381	82	1352090	26.972	ng/ul	99
25) 2-Nitrophenol	9.557	139	362650	36.811	ng/ul	99
26) 2,4-Dimethylphenol	9.628	107	687910	27.981	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.863	93	873902	28.262	ng/ul	99
29) 2,4-Dichlorophenol	10.093	162	585147	29.953	ng/ul	98
30) Naphthalene	10.487	128	2150231	28.080	ng/ul	99
32) 4-Chloroaniline	10.598	127	534109	17.005	ng/ul	99
33) Hexachlorobutadiene	10.787	225	334475	28.486	ng/ul	96
34) Caprolactam	11.363	113	188577	24.758	ng/ul	90
35) 4-Chloro-3-methylphenol	11.728	107	609585	27.910	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.104	142	1373460	27.241	ng/ul	100
37) 1-Methylnaphthalene	12.328	142	1331216	25.936	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.475	216	595167	30.365	ng/ul	98
40) Hexachlorocyclopentadiene	12.463	237	270577	25.988	ng/ul	98
41) 2,4,6-Trichlorophenol	12.722	196	388557	34.143	ng/ul	93
42) 2,4,5-Trichlorophenol	12.792	196	420818	33.371	ng/ul	97
43) 1,1'-Biphenyl	13.128	154	1648756	30.100	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	1268795	29.636	ng/ul	98
45) 2-Nitroaniline	13.369	65	377344	33.599	ng/ul	98
47) Dimethylphthalate	13.769	163	1446631	28.541	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	297727	33.910	ng/ul	92
50) Acenaphthylene	14.016	152	1963304	28.907	ng/ul	97
51) 3-Nitroaniline	14.198	138	328401	29.304	ng/ul#	90
52) Acenaphthene	14.363	153	1364236	28.911	ng/ul	95
53) 2,4-Dinitrophenol	14.398	184	81770	23.874	ng/ul	95
55) 4-Nitrophenol	14.510	109	203056	29.497	ng/ul	96
56) Dibenzofuran	14.698	168	1799239	28.695	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	407128	32.513	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.922	232	301062	33.307	ng/ul	97
59) Diethylphthalate	15.139	149	1463465	28.458	ng/ul	99
61) Fluorene	15.345	166	1392260	27.556	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.351	204	634849	27.991	ng/ul	99
63) 4-Nitroaniline	15.363	138	356159	31.898	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.422	198	156546	28.499	ng/ul	95
67) N-Nitrosodiphenylamine	15.563	169	1194945	29.936	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	380349	30.843	ng/ul	95
69) Hexachlorobenzene	16.345	284	394120	27.833	ng/ul	95
70) Atrazine	16.522	200	373850	27.958	ng/ul	98
71) Pentachlorophenol	16.692	266	254077	33.478	ng/ul	96
72) Phenanthrene	17.081	178	2055895	29.078	ng/ul	100
74) Anthracene	17.175	178	2126992	29.115	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	588097	33.159	ng/uL	99
76) Pentachlorobenzene	14.616	250	520338	30.657	ng/uL	96
77) Carbazole	17.439	167	1978047	29.241	ng/ul	99
78) Di-n-butylphthalate	18.033	149	2400851	30.502	ng/ul	99
80) Fluoranthene	19.098	202	2171713	29.102	ng/ul	98
82) Pyrene	19.457	202	2343540	29.482	ng/ul	99
83) Butylbenzylphthalate	20.386	149	1064548	36.124	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.174	252	691818	28.389	ng/ul	99
85) Benzo(a)anthracene	21.245	228	2280336	29.627	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.210	149	1537477	33.250	ng/ul	97
87) Chrysene	21.304	228	2164554	29.629	ng/ul	99
89) Di-n-octyl phthalate	22.321	149	2660300	31.662	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	2294905	29.541	ng/ul	98
91) Benzo(k)fluoranthene	23.310	252	2321362	29.243	ng/ul	99
93) Benzo(a)pyrene	24.015	252	2221217	29.533	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.374	276	2802892m	29.870	ng/ul	
95) Dibenzo(a,h)anthracene	27.451	278	2289738	30.028	ng/ul	100
96) Benzo(g,h,i)perylene	28.386	276	2139132	29.370	ng/ul	97

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

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