Quantitation Report (Qedit)

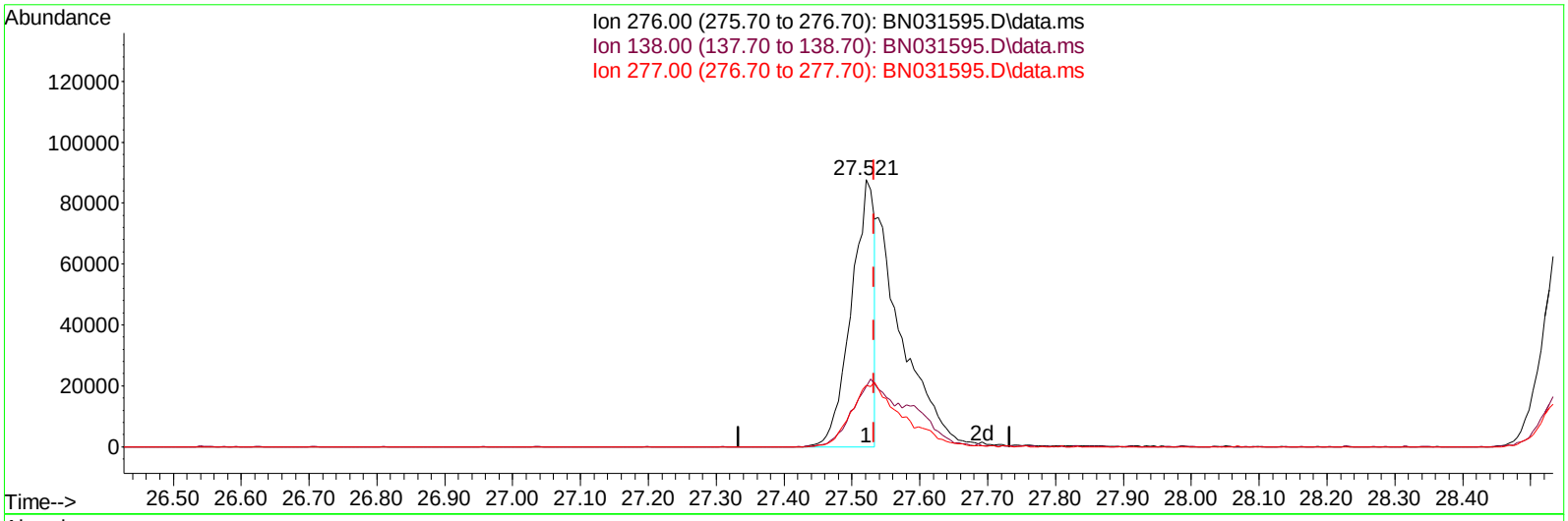
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052124\
Data File : BN031595.D
Acq On : 21 May 2024 11:53
Operator : MA/JU
Sample : SSTD00562
Misc :
ALS Vial : 2 Sample Multiplier: 1

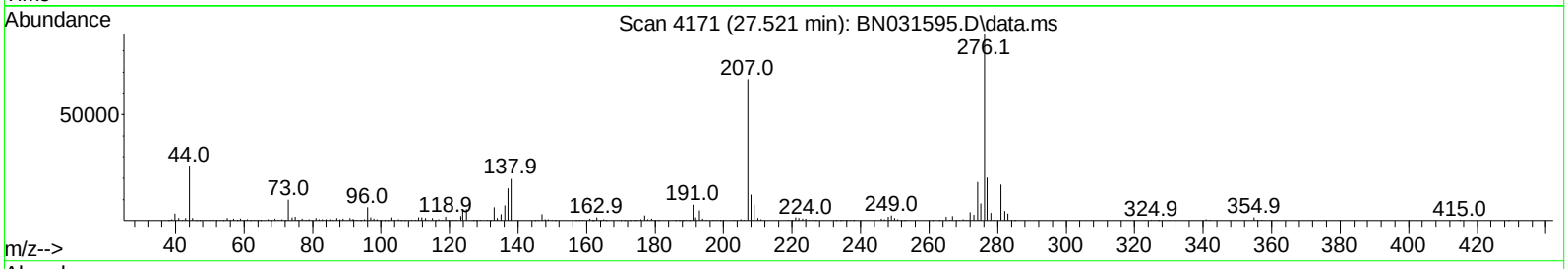
Quant Time: May 21 15:34:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:34:06 2024
Response via : Initial Calibration

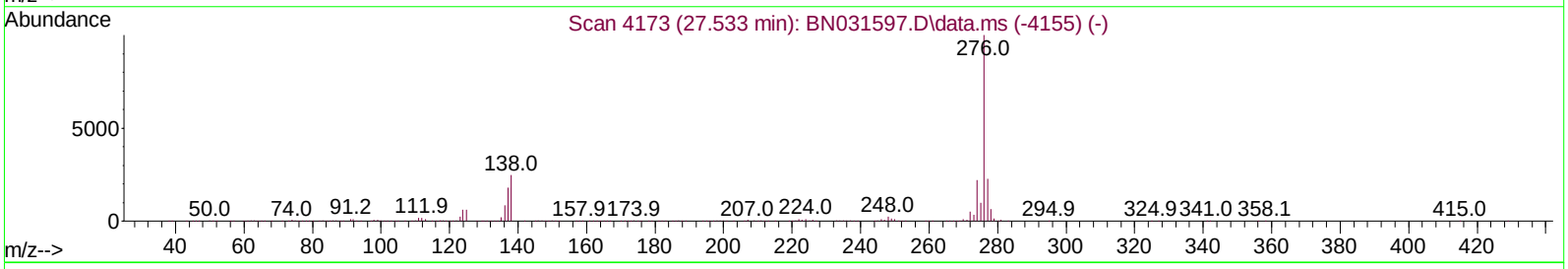
Instrument :
BNA_N
ClientSampleId :
SSTD005245

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024







TIC: BN031595.D\data.ms

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

27.521min (-0.012) 2.44 ng/ul

response 206784

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	22.60
277.00	22.80	23.06
0.00	0.00	0.00

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Sample : SSTD00562
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:34:06 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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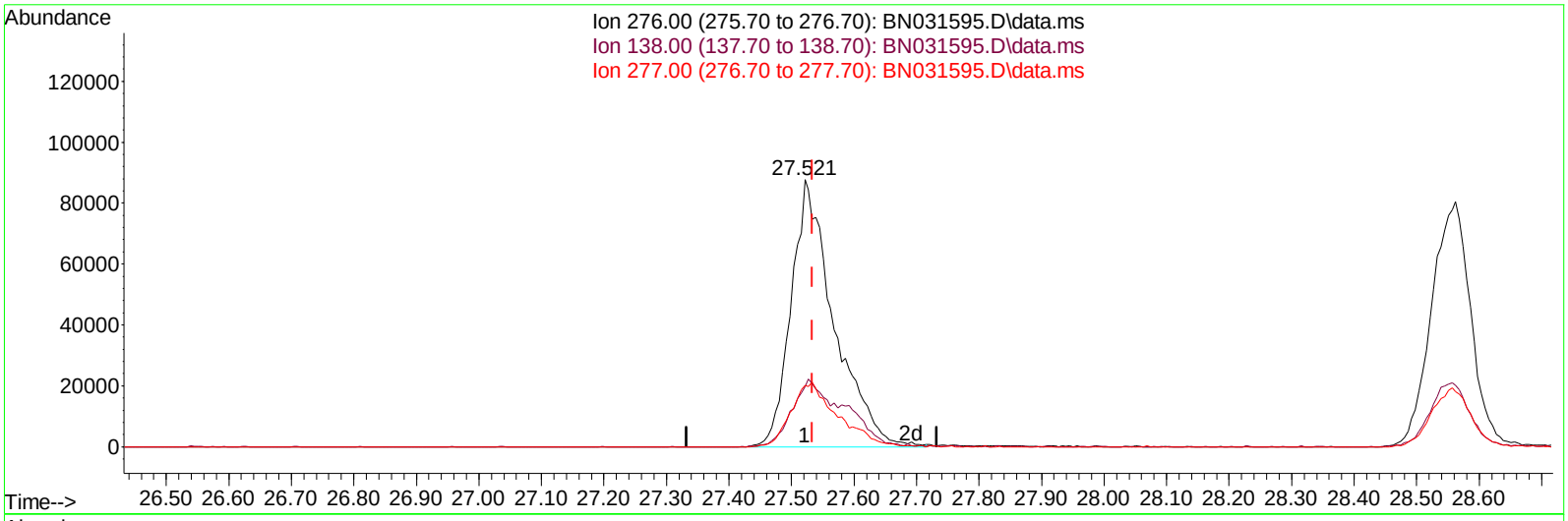

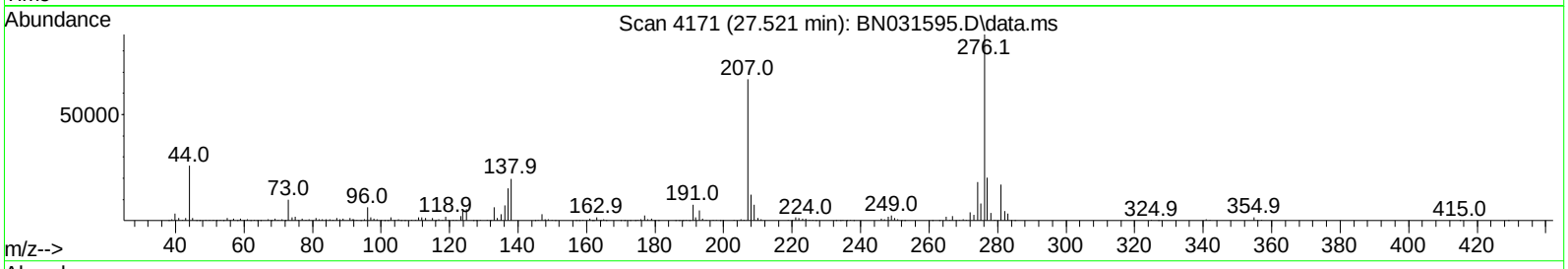

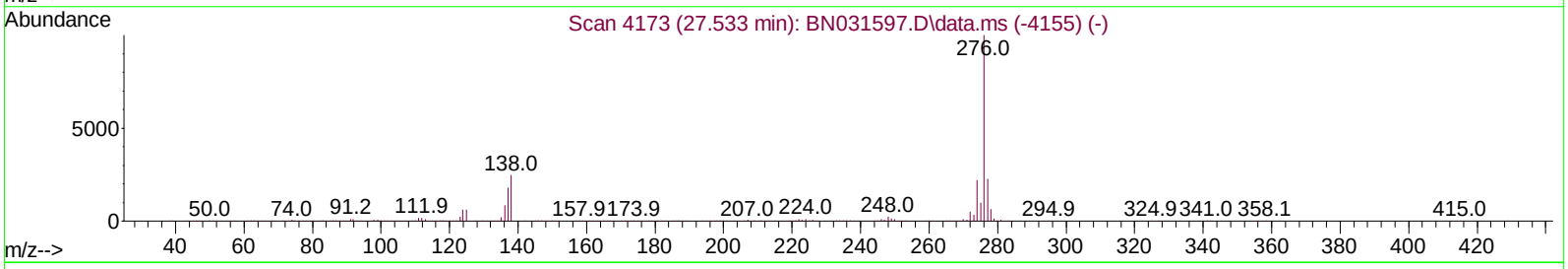

TIC: BN031595.D\data.ms

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

27.521min (-0.012) 4.93 ng/ul m

response 416877

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	22.60
277.00	22.80	23.06
0.00	0.00	0.00

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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	7.687	152	507151	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1991167	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1165013	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	1975822	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1327058	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1349104	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	26987	2.171	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.222	132	151982	5.092	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.840	128	70448	5.220	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	61069	5.633	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	132203	5.271	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.746	166	346714	4.765	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	444381	4.934	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.322	176	313511	4.732	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.169	188	413782	4.913	ng/ul	0.00
81) Pyrene-d10	19.463	212	399541	5.942	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	293943	4.900	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	27526	2.079	ng/uL	92
12) 2-Chlorophenol	7.252	128	162495	5.031	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.493	70	125097	4.633	ng/ul	98
19) Hexachloroethane	8.763	117	69724	4.783	ng/ul	95
22) Nitrobenzene	8.887	77	182947	5.008	ng/ul	99
23) Isophorone	9.405	82	339601	4.949	ng/ul	99
25) 2-Nitrophenol	9.593	139	69872	5.552	ng/ul	97
26) 2,4-Dimethylphenol	9.652	107	162905	5.208	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.893	93	225184	5.058	ng/ul	100
29) 2,4-Dichlorophenol	10.116	162	135433	5.331	ng/ul	94
30) Naphthalene	10.522	128	527067	5.100	ng/ul	99
33) Hexachlorobutadiene	10.805	225	84580	5.036	ng/ul	97
35) 4-Chloro-3-methylphenol	11.752	107	141963	4.933	ng/ul	98
36) 2-Methylnaphthalene	12.140	142	338582	5.080	ng/ul	99
37) 1-Methylnaphthalene	12.357	142	335262	4.981	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.504	216	166297	5.336	ng/ul	98
41) 2,4,6-Trichlorophenol	12.751	196	91260	5.435	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	100056	5.186	ng/ul	96
43) 1,1'-Biphenyl	13.163	154	419441	5.069	ng/ul	99
44) 2-Chloronaphthalene	13.199	162	334412	5.167	ng/ul	99
45) 2-Nitroaniline	13.404	65	73293	4.390	ng/ul	99
47) Dimethylphthalate	13.787	163	358969	4.723	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	56573	4.298	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.046	152	527107	4.985	ng/ul	100
52) Acenaphthene	14.393	153	347940	4.964	ng/ul	96
56) Dibenzofuran	14.728	168	462401	4.865	ng/ul	100
57) 2,4-Dinitrotoluene	14.693	165	76283	4.056	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.951	232	70743	5.091	ng/ul	97
59) Diethylphthalate	15.157	149	325853	4.340	ng/ul	97
61) Fluorene	15.381	166	368512	4.763	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	175955	4.760	ng/ul	96
67) N-Nitrosodiphenylamine	15.593	169	289793	5.336	ng/ul	97
68) 4-Bromophenyl-phenylether	16.269	248	93828	5.138	ng/ul	97
69) Hexachlorobenzene	16.375	284	104934	4.998	ng/ul	93
72) Phenanthrene	17.116	178	508902	4.944	ng/ul	99
74) Anthracene	17.204	178	503805	4.869	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.116	216	160988	6.033	ng/uL	95
76) Pentachlorobenzene	14.640	250	144901	5.760	ng/uL	94
78) Di-n-butylphthalate	18.051	149	462092	4.525	ng/ul	98
80) Fluoranthene	19.134	202	476376	5.995	ng/ul	99
82) Pyrene	19.498	202	518921	6.027	ng/ul	100
83) Butylbenzylphthalate	20.410	149	153577	5.544	ng/ul	98
85) Benzo(a)anthracene	21.286	228	431382	4.963	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.228	149	214958	4.874	ng/ul#	99
87) Chrysene	21.345	228	400532	4.916	ng/ul	99
90) Benzo(b)fluoranthene	23.310	252	373619	4.914	ng/ul	99
91) Benzo(k)fluoranthene	23.369	252	371386	4.787	ng/ul	96
93) Benzo(a)pyrene	24.098	252	345734	4.669	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.521	276	416877m	4.928	ng/ul	
95) Dibenzo(a,h)anthracene	27.592	278	347731	4.874	ng/ul	99
96) Benzo(g,h,i)perylene	28.562	276	351781	5.112	ng/ul	99

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

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