Quantitation Report (Qedit)

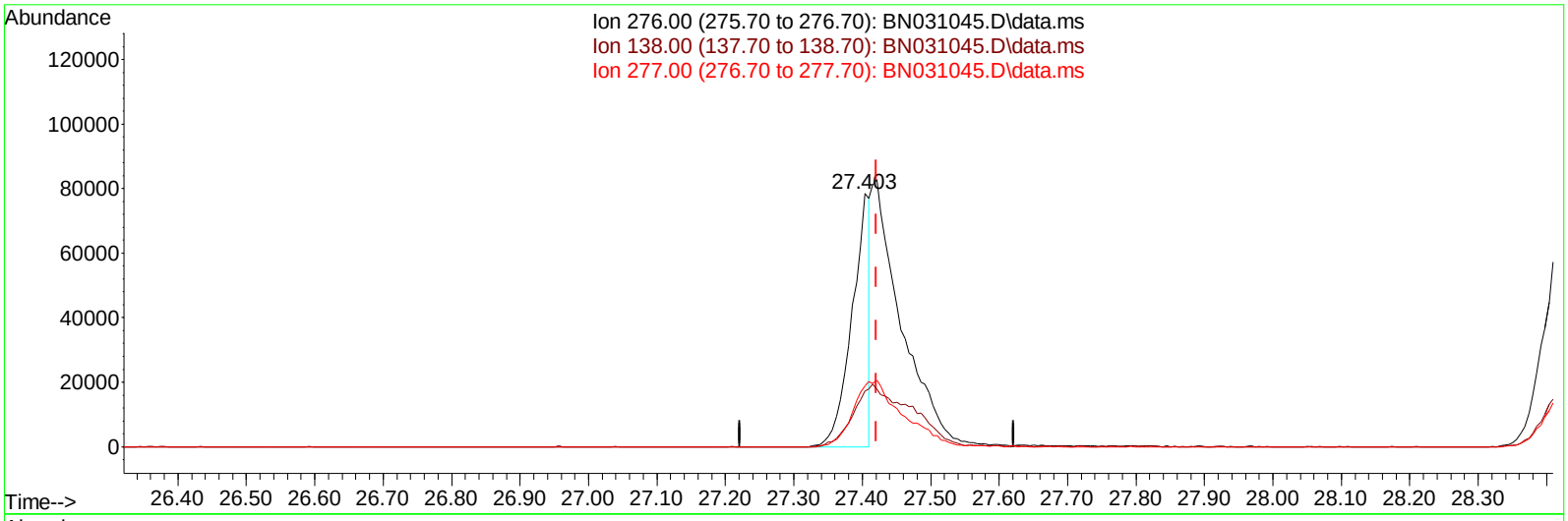
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031045.D
Acq On : 19 Apr 2024 17:44
Operator : MA/JU
Sample : SSTD00538
Misc :
ALS Vial : 92 Sample Multiplier: 1

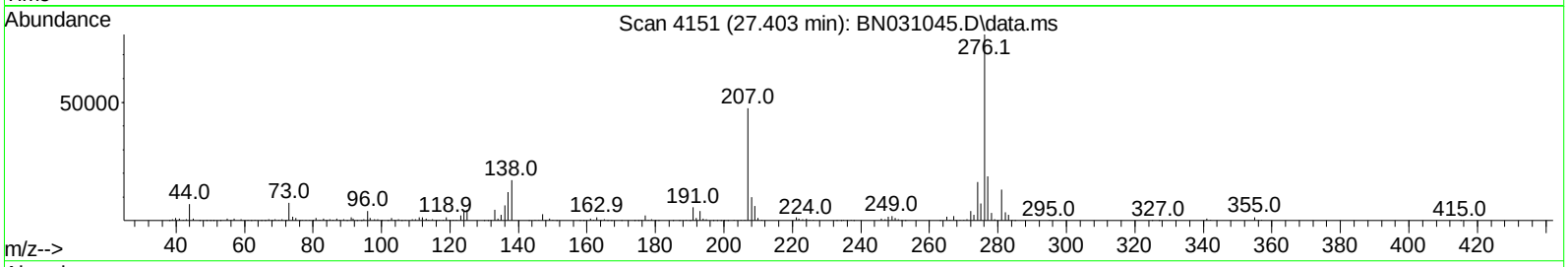
Quant Time: Apr 19 22:36:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:25:10 2024
Response via : Initial Calibration

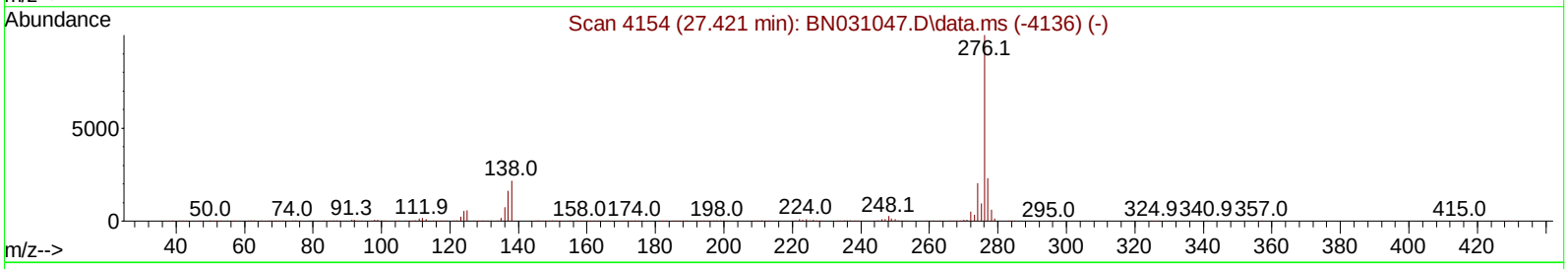
Instrument :
BNA_N
ClientSampleId :
SSTD005217

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024







TIC: BN031045.D\data.ms

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

27.403min (-0.018) 1.94 ng/ul

response 142238

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	21.98
277.00	22.90	24.06
0.00	0.00	0.00

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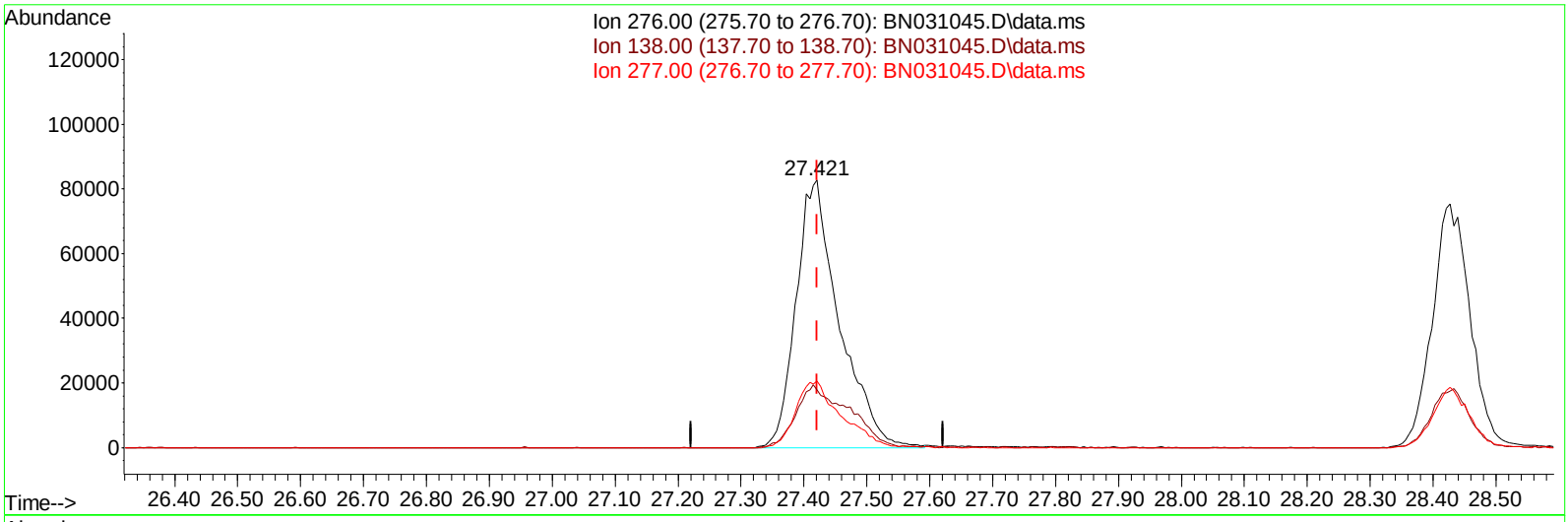

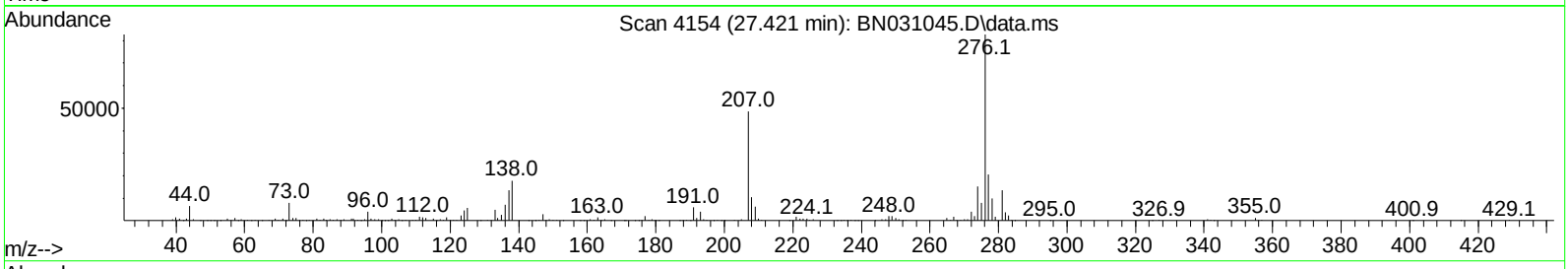

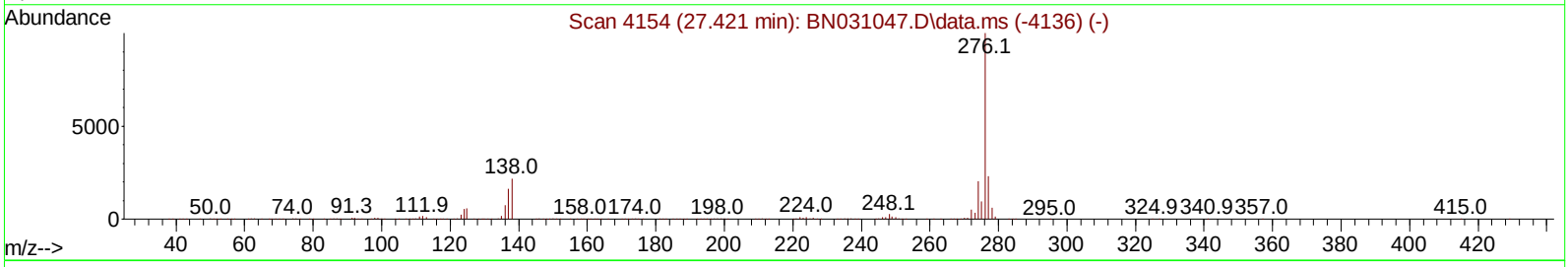

TIC: BN031045.D\data.ms

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

27.421min (-0.000) 5.38 ng/ul m

response 393492

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	21.57
277.00	22.90	24.82
0.00	0.00	0.00

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ALS Vial : 92 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	110700	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	506583	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	361429	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	812234	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	947404	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1216893	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	4946	2.095	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	7.169	132	33036	4.863	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.793	128	16307	4.640	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	15724	4.891	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	34016	4.833	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.698	166	120168	4.980	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	136431	4.917	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.281	176	107148	5.074	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.133	188	171408	4.898	ng/ul	0.00
81) Pyrene-d10	19.433	212	221696	4.352	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	274162	4.890	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	5018	1.984	ng/uL	96
12) 2-Chlorophenol	7.199	128	34769	4.771	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.440	70	28361	4.752	ng/ul	98
19) Hexachloroethane	8.699	117	15063	4.930	ng/ul	97
22) Nitrobenzene	8.834	77	39217	4.572	ng/ul	99
23) Isophorone	9.351	82	81176	4.745	ng/ul	99
25) 2-Nitrophenol	9.540	139	17664	4.675	ng/ul#	88
26) 2,4-Dimethylphenol	9.598	107	41108	4.895	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.840	93	52283	4.807	ng/ul	100
29) 2,4-Dichlorophenol	10.069	162	34814	4.846	ng/ul	98
30) Naphthalene	10.469	128	129084	4.968	ng/ul	98
33) Hexachlorobutadiene	10.746	225	22801	5.043	ng/ul	93
35) 4-Chloro-3-methylphenol	11.710	107	39771	4.915	ng/ul	96
36) 2-Methylnaphthalene	12.087	142	92316	5.088	ng/ul	100
37) 1-Methylnaphthalene	12.310	142	93093	5.054	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.457	216	47259	5.067	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	27962	4.797	ng/ul	91
42) 2,4,5-Trichlorophenol	12.775	196	31780	4.828	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	123782	5.025	ng/ul	100
44) 2-Chloronaphthalene	13.151	162	98903	5.100	ng/ul	98
45) 2-Nitroaniline	13.369	65	22494	4.359	ng/ul	96
47) Dimethylphthalate	13.745	163	127144	5.101	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	19898	4.305	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.004	152	162462	5.068	ng/ul	99
52) Acenaphthene	14.345	153	110331	5.165	ng/ul	97
56) Dibenzofuran	14.686	168	151758	5.110	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	30102	4.461	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	26796	4.902	ng/ul	99
59) Diethylphthalate	15.116	149	126141	4.981	ng/ul	98
61) Fluorene	15.334	166	128036	5.424	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.334	204	61514	5.312	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	106798	4.828	ng/ul	98
68) 4-Bromophenyl-phenylether	16.233	248	37108	4.811	ng/ul	88
69) Hexachlorobenzene	16.333	284	44162	4.863	ng/ul	95
72) Phenanthrene	17.075	178	217986	5.224	ng/ul	99
74) Anthracene	17.169	178	220479	5.226	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.075	216	47004	4.710	ng/uL	98
76) Pentachlorobenzene	14.598	250	49816	4.915	ng/uL	98
78) Di-n-butylphthalate	18.010	149	218424	4.840	ng/ul	99
80) Fluoranthene	19.098	202	262707	4.339	ng/ul	98
82) Pyrene	19.463	202	277078	4.333	ng/ul	96
83) Butylbenzylphthalate	20.374	149	107233	4.391	ng/ul	99
85) Benzo(a)anthracene	21.251	228	319842	5.059	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.180	149	176846	4.910	ng/ul	98
87) Chrysene	21.310	228	306402	5.134	ng/ul	99
90) Benzo(b)fluoranthene	23.257	252	322880	4.508	ng/ul	98
91) Benzo(k)fluoranthene	23.315	252	344457	4.736	ng/ul	95
93) Benzo(a)pyrene	24.033	252	336545	4.975	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.421	276	393492m	5.381	ng/ul	
95) Dibenzo(a,h)anthracene	27.474	278	322106	5.232	ng/ul	96
96) Benzo(g,h,i)perylene	28.427	276	315528	5.496	ng/ul	99

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

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