Quantitation Report (Qedit)

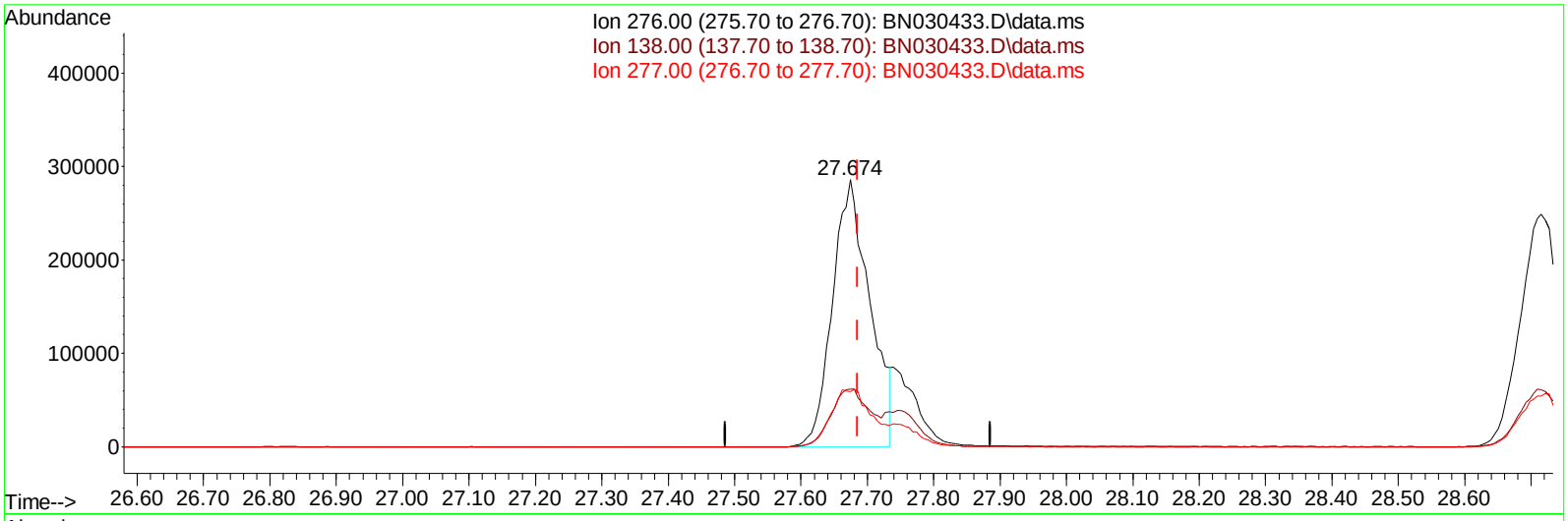
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032024\
Data File : BN030433.D
Acq On : 20 Mar 2024 17:09
Operator : MA/JU
Sample : SSTD01021
Misc :
ALS Vial : 3 Sample Multiplier: 1

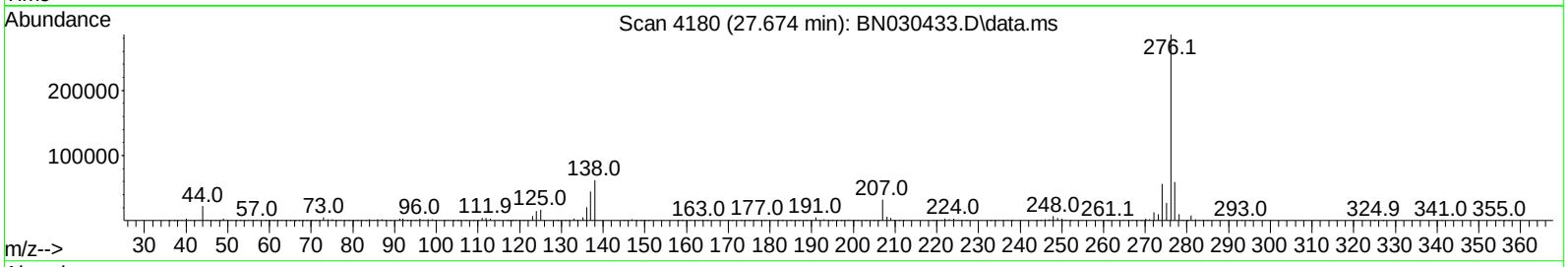
Quant Time: Mar 21 00:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 21 00:01:28 2024
Response via : Initial Calibration

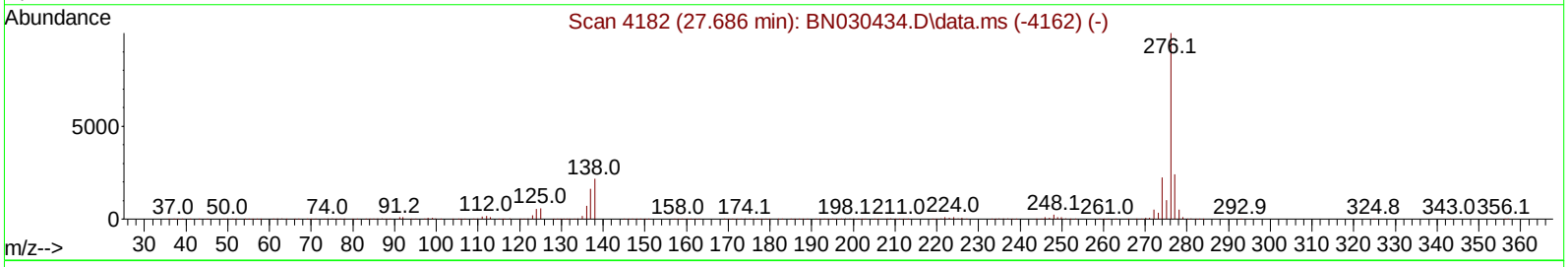
Instrument :
BNA_N
ClientSampleId :
SSTD010247

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :mohammad ahmed 03/26/2024







TIC: BN030433.D\data.ms

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

27.674min (-0.012) 7.01 ng/ul

response 1110952

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	21.62
277.00	24.10	20.76
0.00	0.00	0.00

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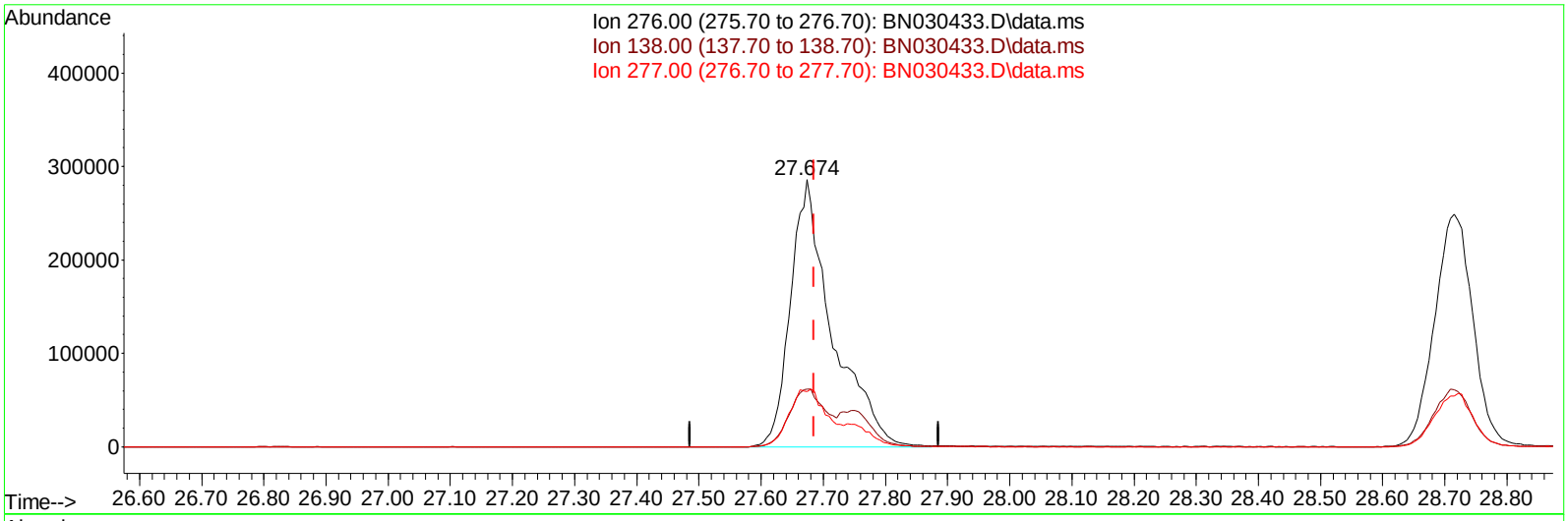

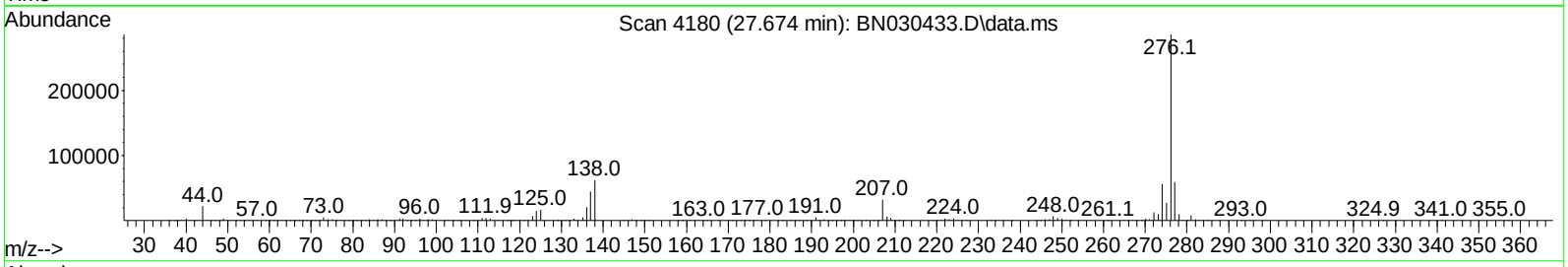

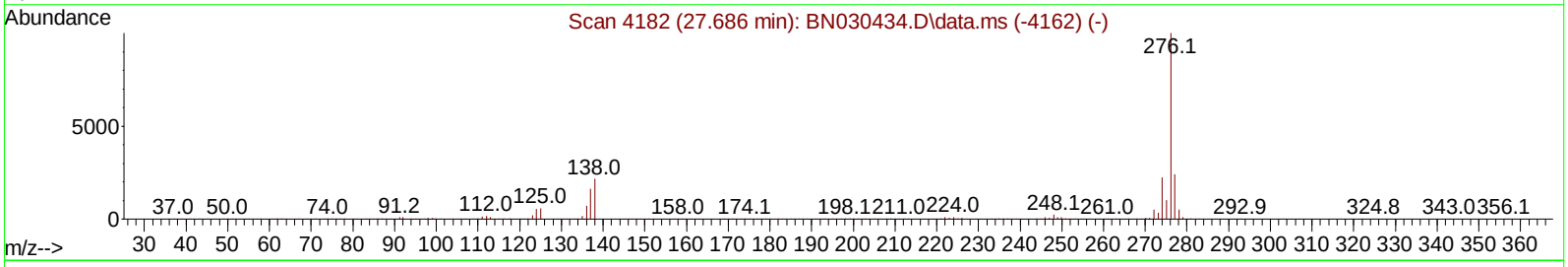

TIC: BN030433.D\data.ms

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

27.674min (-0.012) 8.41 ng/ul m

response 1332926

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	21.62
277.00	24.10	20.76
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTD01021
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 21 00:22:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 21 00:01:28 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010247

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 03/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	390898	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	1679557	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	1032524	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	2202596	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	1980451	20.000	ng/ul	0.00
88) Perylene-d12	24.339	264	2136825	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	42729	3.689	ng/uL	0.00
4) Pyridine-d5	3.623	84	287064	10.382	ng/ul	0.00
7) Phenol-d5	6.887	99	341840	9.856	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	219860	11.164	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	257251	9.259	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	262861	9.616	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	115805	8.263	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	90966	6.191	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	239806	9.152	ng/ul	0.00
31) 4-Chloroaniline-d4	10.652	131	417400	10.732	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	797168	9.575	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	948093	10.053	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	125478	8.501	ng/ul	0.00
60) Fluorene-d10	15.363	176	695057	10.178	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	56558	4.111	ng/ul	0.00
73) Anthracene-d10	17.216	188	1076586	10.066	ng/ul	0.00
81) Pyrene-d10	19.516	212	1173822	9.333	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.127	264	1035451	9.251	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	42831	3.852	ng/uL	97
5) Pyridine	3.640	79	291965	10.379	ng/ul	96
6) Benzaldehyde	6.875	77	195000	12.063	ng/ul	99
8) Phenol	6.911	94	350135	10.146	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.158	93	299221	10.849	ng/ul	100
12) 2-Chlorophenol	7.287	128	271423	9.495	ng/ul	99
13) 2-Methylphenol	8.163	108	266339	10.293	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.252	45	398576	15.893	ng/ul	99
16) Acetophenone	8.546	105	457152	10.405	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.534	70	237753	11.310	ng/ul	99
18) 4-Methylphenol	8.487	108	288183	10.541	ng/ul	97
19) Hexachloroethane	8.799	117	111846	8.422	ng/ul	98
22) Nitrobenzene	8.922	77	309764	8.565	ng/ul	98
23) Isophorone	9.446	82	683599	10.934	ng/ul	99
25) 2-Nitrophenol	9.628	139	115038	7.268	ng/ul	98
26) 2,4-Dimethylphenol	9.687	107	296655	9.080	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.934	93	409375	11.163	ng/ul	98
29) 2,4-Dichlorophenol	10.157	162	245978	9.346	ng/ul	98
30) Naphthalene	10.563	128	949621	9.905	ng/ul	99
32) 4-Chloroaniline	10.669	127	403419	10.664	ng/ul	98
33) Hexachlorobutadiene	10.846	225	155059	8.445	ng/ul	96
34) Caprolactam	11.422	113	90783	11.584	ng/ul	93
35) 4-Chloro-3-methylphenol	11.793	107	288314	9.681	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.181	142	644932	10.329	ng/ul	100
37) 1-Methylnaphthalene	12.404	142	631745	10.234	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.546	216	309004	9.477	ng/ul	98
40) Hexachlorocyclopentadiene	12.528	237	150055	6.144	ng/ul	98
41) 2,4,6-Trichlorophenol	12.787	196	184378	8.913	ng/ul	97
42) 2,4,5-Trichlorophenol	12.857	196	198630	8.787	ng/ul	95
43) 1,1'-Biphenyl	13.204	154	820536	9.416	ng/ul	98
44) 2-Chloronaphthalene	13.240	162	648666	9.584	ng/ul	99
45) 2-Nitroaniline	13.446	65	148723	7.622	ng/ul	99
47) Dimethylphthalate	13.834	163	817046	9.657	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	120834	7.395	ng/ul	96
50) Acenaphthylene	14.087	152	1111268	10.127	ng/ul	99
51) 3-Nitroaniline	14.269	138	138278	8.637	ng/ul#	98
52) Acenaphthene	14.434	153	714480	9.828	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	33085	3.604	ng/ul	96
55) 4-Nitrophenol	14.569	109	110025	6.575	ng/ul	95
56) Dibenzofuran	14.769	168	967236	9.975	ng/ul	98
57) 2,4-Dinitrotoluene	14.728	165	175922	7.544	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.993	232	161657	8.886	ng/ul	99
59) Diethylphthalate	15.210	149	827987	9.156	ng/ul	100
61) Fluorene	15.422	166	806268	10.072	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.422	204	382907	9.992	ng/ul	99
63) 4-Nitroaniline	15.434	138	140888	9.504	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.487	198	68526	4.616	ng/ul#	92
67) N-Nitrosodiphenylamine	15.634	169	678975	9.770	ng/ul	98
68) 4-Bromophenyl-phenylether	16.316	248	216418	9.171	ng/ul	97
69) Hexachlorobenzene	16.416	284	264650	10.240	ng/ul	95
70) Atrazine	16.592	200	227819	9.525	ng/ul	98
71) Pentachlorophenol	16.757	266	136833	7.824	ng/ul	94
72) Phenanthrene	17.157	178	1256301	9.780	ng/ul	99
74) Anthracene	17.251	178	1291452	9.883	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.157	216	299932	9.122	ng/uL	99
76) Pentachlorobenzene	14.681	250	299721	9.775	ng/uL	98
77) Carbazole	17.516	167	1165166	10.041	ng/ul	98
78) Di-n-butylphthalate	18.104	149	1385820	8.594	ng/ul	99
80) Fluoranthene	19.181	202	1388040	9.007	ng/ul	99
82) Pyrene	19.539	202	1476428	9.321	ng/ul	96
83) Butylbenzylphthalate	20.469	149	497904	6.561	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.275	252	391316	9.092	ng/ul	97
85) Benzo(a)anthracene	21.345	228	1425205	9.590	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.304	149	800881	6.973	ng/ul	100
87) Chrysene	21.404	228	1299487	9.428	ng/ul	96
89) Di-n-octyl phthalate	22.445	149	1160430	5.801	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	1313880	9.326	ng/ul	99
91) Benzo(k)fluoranthene	23.457	252	1345959	9.250	ng/ul	98
93) Benzo(a)pyrene	24.192	252	1222199	9.166	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.674	276	1332926m	8.405	ng/ul	
95) Dibenzo(a,h)anthracene	27.751	278	1138648	8.808	ng/ul	96
96) Benzo(g,h,i)perylene	28.715	276	1067321	8.310	ng/ul	99

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

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