Quantitation Report (Qedit)

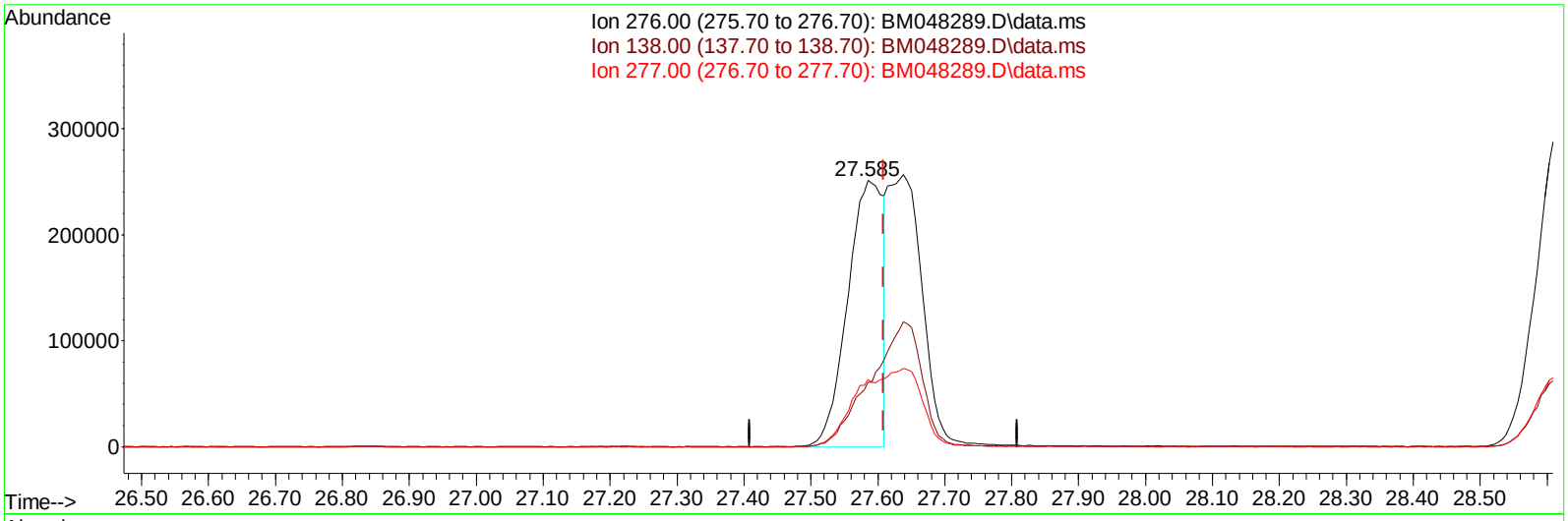
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048289.D
Acq On : 29 Oct 2024 15:27
Operator : RC/JU
Sample : P4492-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

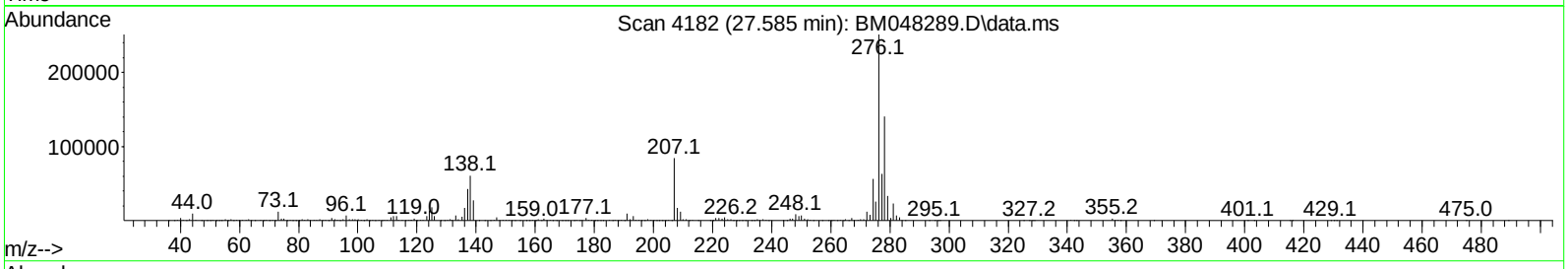
Quant Time: Oct 29 16:01:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

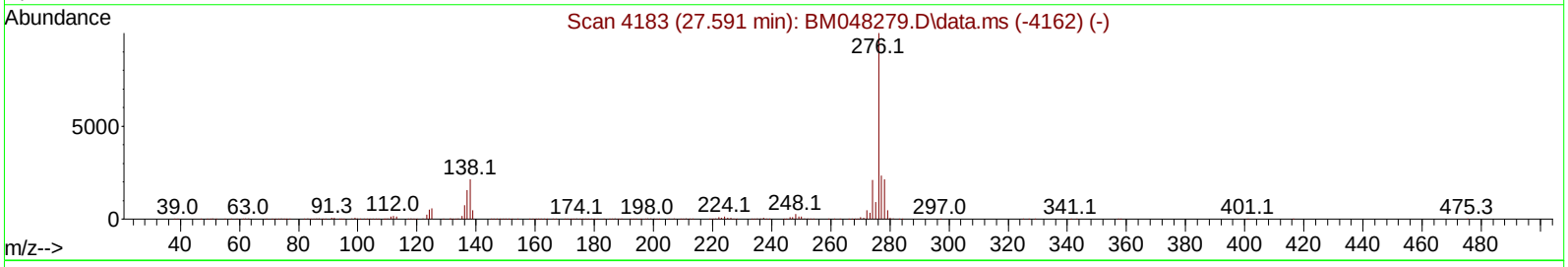
Instrument :
BNA_M
ClientSampleId :
A4E61

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/30/2024
Supervised By :mohammad ahmed 11/01/2024







TIC: BM048289.D\data.ms

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

27.585min (-0.023) 19.56 ng/ul

response 917889

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	24.19#
277.00	23.50	25.25
0.00	0.00	0.00

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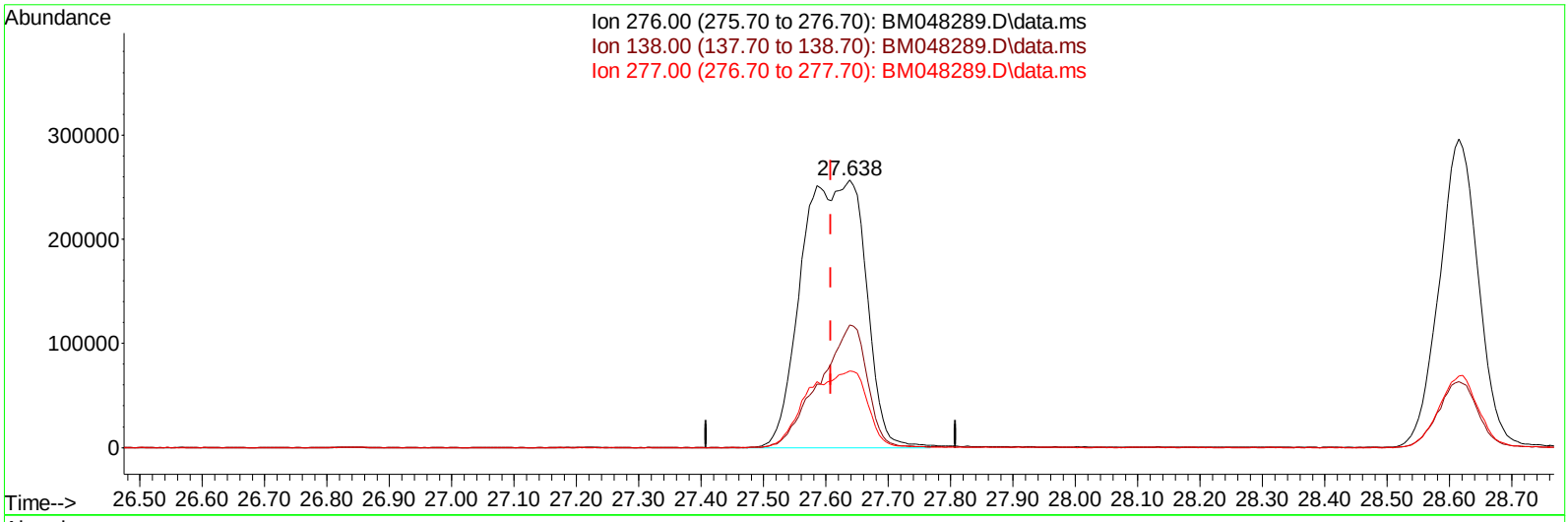

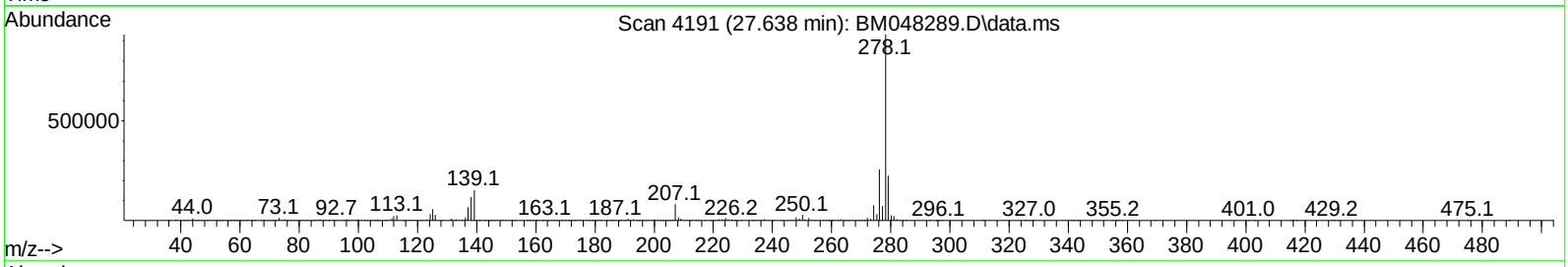

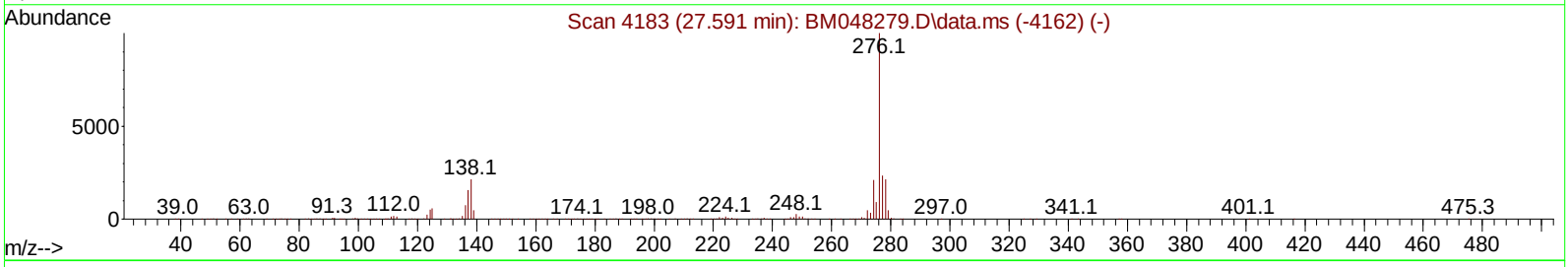

TIC: BM048289.D\data.ms

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

27.638min (+ 0.030) 39.04 ng/ul m

response 1831587

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	45.86#
277.00	23.50	28.73#
0.00	0.00	0.00

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Misc :
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Quant Time: Oct 29 16:04:12 2024
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	173014	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	707006	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	415863	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	766941	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	576912	20.000	ng/ul	0.00
88) Perylene-d12	24.268	264	671015	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	16697	3.799	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.893	99	379322	25.520	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	239906	26.056	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	322790	26.704	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	304818	25.543	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	158707	27.380	ng/ul	0.00
24) 2-Nitrophenol-d4	9.592	143	169382	26.974	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	364917	31.846	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	226138	14.212	ng/ul	0.00
46) Dimethylphthalate-d6	13.774	166	899796	28.953	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1031142	29.427	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	140713	24.759	ng/ul	0.00
60) Fluorene-d10	15.357	176	786472	29.949	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	108224	21.353	ng/ul	0.00
73) Anthracene-d10	17.198	188	1098961	30.303	ng/ul	-0.01
81) Pyrene-d10	19.492	212	1241728	35.469	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	1138854	32.178	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	6.922	94	627719	40.551	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.145	93	2826634	228.563	ng/ul	98
12) 2-Chlorophenol	7.287	128	1303259	105.015	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.534	70	2076775	215.433	ng/ul	97
19) Hexachloroethane	8.792	117	818046	156.367	ng/ul	99
22) Nitrobenzene	8.916	77	633139	47.006	ng/ul	99
23) Isophorone	9.451	82	4884089	187.115	ng/ul	100
25) 2-Nitrophenol	9.628	139	388981	56.513	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.928	93	3547933	219.157	ng/ul	99
29) 2,4-Dichlorophenol	10.163	162	1413369	120.543	ng/ul	98
33) Hexachlorobutadiene	10.839	225	1254163	160.520	ng/ul	99
35) 4-Chloro-3-methylphenol	11.804	107	536089	45.441	ng/ul	97
36) 2-Methylnaphthalene	12.175	142	1652214	62.073	ng/ul	99
41) 2,4,6-Trichlorophenol	12.792	196	1653586	194.579	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	417104	46.469	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	1596230	263.387	ng/ul	93
50) Acenaphthylene	14.080	152	895377	23.393	ng/ul	99
52) Acenaphthene	14.427	153	3348623	123.290	ng/ul	100
55) 4-Nitrophenol	14.592	109	391153	94.281	ng/ul	97
57) 2,4-Dinitrotoluene	14.739	165	1528982	172.570	ng/ul	97
61) Fluorene	15.416	166	4998573	167.993	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	834341	55.857	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	402513	48.104	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Hexachlorobenzene	16.421	284	2260644	225.800	ng/ul	97
71) Pentachlorophenol	16.762	266	1406748	222.072	ng/ul	98
72) Phenanthrene	17.145	178	2142739	50.456	ng/ul	100
74) Anthracene	17.233	178	2035936	47.897	ng/ul	99
78) Di-n-butylphthalate	18.074	149	8444945	172.185	ng/ul	100
80) Fluoranthene	19.162	202	7286734	178.881	ng/ul	99
82) Pyrene	19.521	202	3465568	79.348	ng/ul	98
83) Butylbenzylphthalate	20.421	149	967636	53.612	ng/ul	100
85) Benzo(a)anthracene	21.309	228	5766720	138.608	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	5451292	209.599	ng/ul	99
87) Chrysene	21.380	228	7609446	194.503	ng/ul	99
90) Benzo(b)fluoranthene	23.356	252	7792225	181.971	ng/ul	100
93) Benzo(a)pyrene	24.133	252	1766978	45.359	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.638	276	1831587m	39.040	ng/ul	
95) Dibenzo(a,h)anthracene	27.644	278	3831629	99.861	ng/ul	99
96) Benzo(g,h,i)perylene	28.615	276	1299795	36.103	ng/ul	99

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

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