Quantitation Report (Qedit)

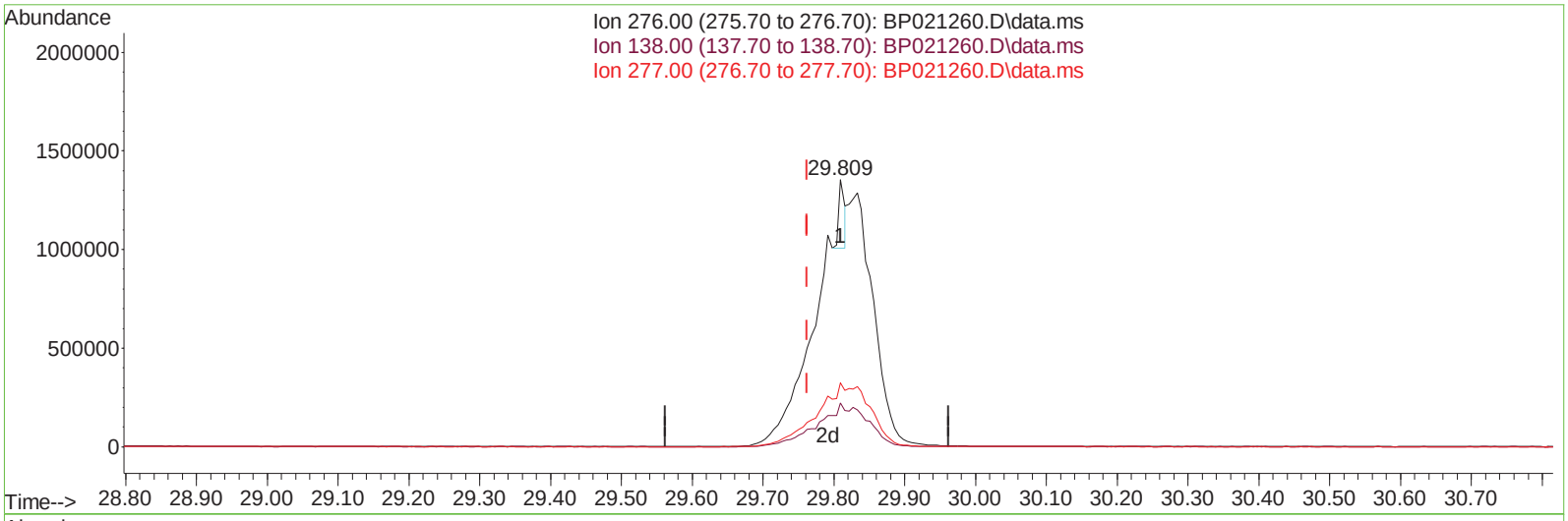
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021260.D
Acq On : 31 Jul 2024 14:03
Operator : CG/JU
Sample : P3283-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

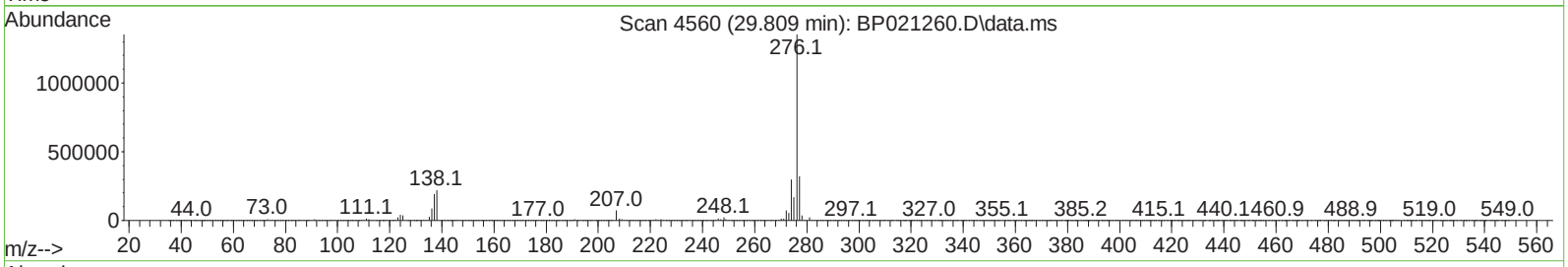
Quant Time: Jul 31 14:31:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

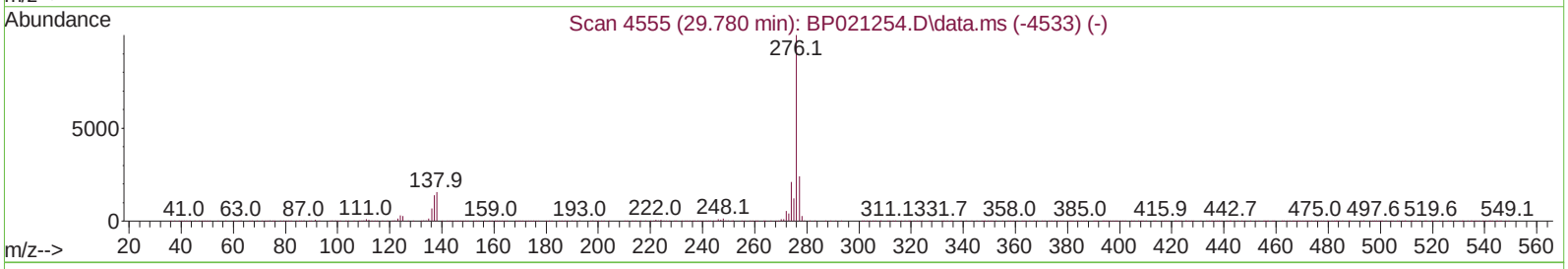
Instrument :
BNA_P
ClientSampleId :
A4DJ0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024







TIC: BP021260.D\data.ms

(96) Benzo(g,h,i)perylene

29.809min (+ 0.047) 3.09 ng/ul

response 201985

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	16.37
277.00	22.70	23.84
0.00	0.00	0.00

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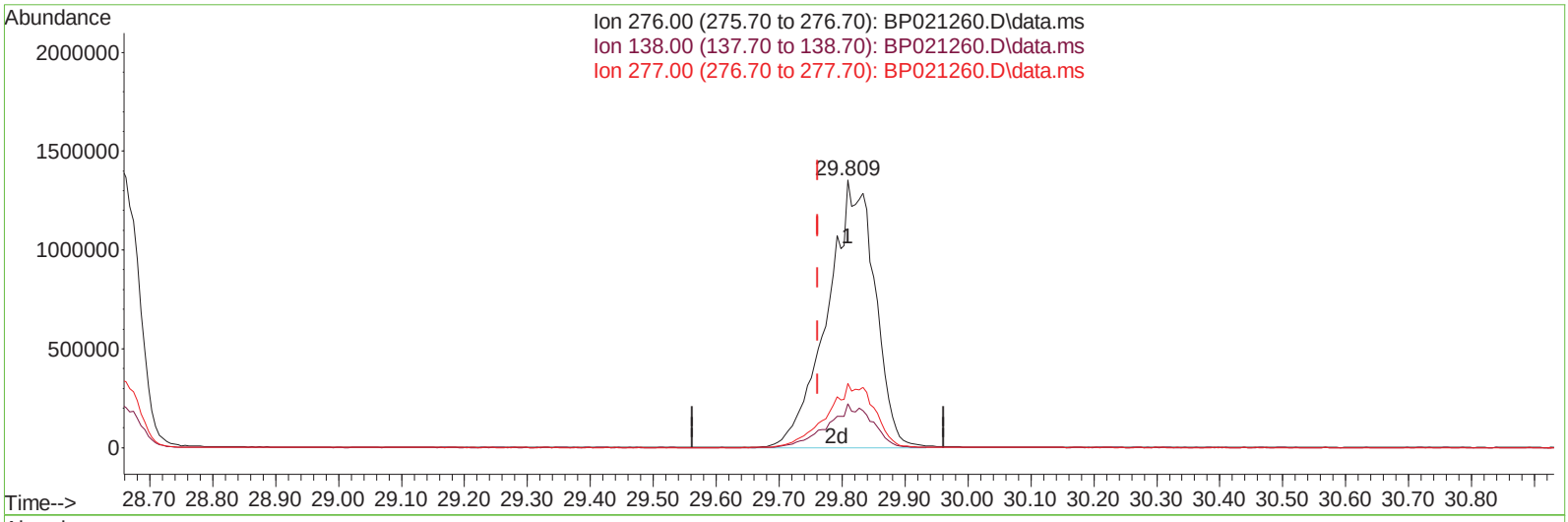

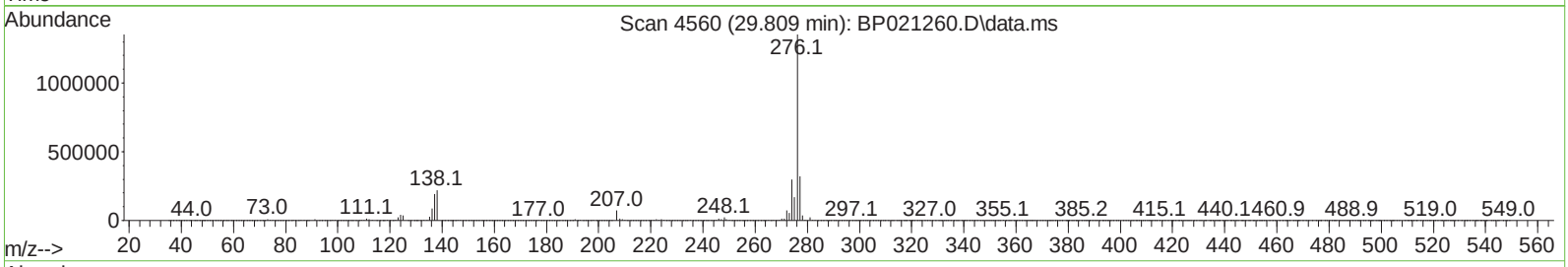

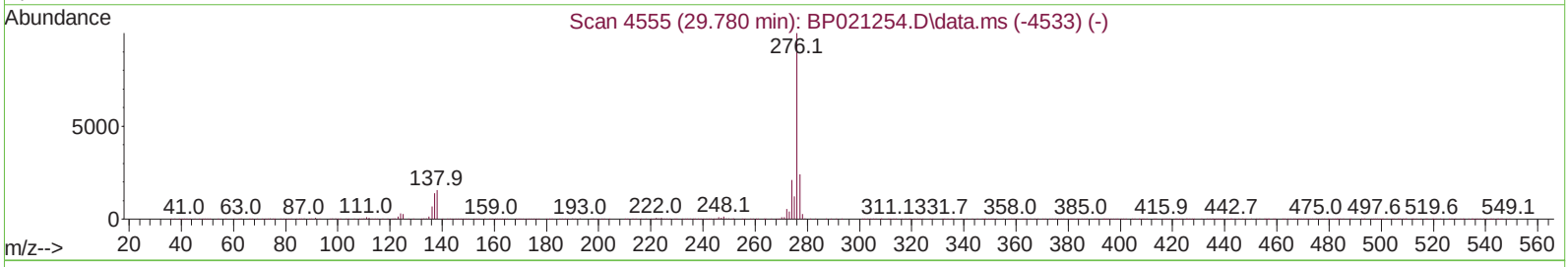

TIC: BP021260.D\data.ms

(96) Benzo(g,h,i)perylene

29.809min (+ 0.047) 108.71 ng/ul m

response 7096087

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	16.37
277.00	22.70	23.84
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	7.628	152	144000	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	570488	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	389000	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	894004	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	998452	20.000	ng/ul	# 0.02
88) Perylene-d12	24.845	264	1084633	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	10450	3.302	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.840	99	246659	21.010	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	141557	19.896	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	213903	22.114	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	198176	20.325	ng/ul	0.00
21) Nitrobenzene-d5	8.799	128	103885	23.445	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	122653	24.184	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	274055	29.884	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.563	131	196583	16.181	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	804864	28.462	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	859965	27.083	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	125306	31.144	ng/ul	-0.04
60) Fluorene-d10	15.281	176	685447	29.546	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	115605	21.372	ng/ul	0.00
73) Anthracene-d10	17.192	188	1149327	28.945	ng/ul	0.00
81) Pyrene-d10	19.586	212	1566911	25.384	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.621	264	1627180	30.418	ng/ul	0.02
Target Compounds						Qvalue
8) Phenol	6.863	94	815935	68.684	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.075	93	1294425	131.900	ng/ul	96
12) 2-Chlorophenol	7.210	128	262422	27.069	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.434	70	574113	72.809	ng/ul	93
22) Nitrobenzene	8.834	77	325342	30.651	ng/ul	99
25) 2-Nitrophenol	9.534	139	469664	88.794	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.816	93	1565200	122.027	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	1116017	123.482	ng/ul	99
30) Naphthalene	10.440	128	4578537	152.577	ng/ul	100
35) 4-Chloro-3-methylphenol	11.722	107	1433303	145.897	ng/ul	96
41) 2,4,6-Trichlorophenol	12.681	196	1026666	128.613	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	1107287	131.103	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	686066	119.596	ng/ul	90
50) Acenaphthylene	13.987	152	4968572	138.204	ng/ul	99
52) Acenaphthene	14.334	153	2574522	107.894	ng/ul	99
55) 4-Nitrophenol	14.563	109	597790	182.653	ng/ul	92
56) Dibenzofuran	14.681	168	2896191	88.634	ng/ul	98
59) Diethylphthalate	15.116	149	4309313	150.280	ng/ul	99
61) Fluorene	15.339	166	2138518	80.201	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	2300587	159.002	ng/ul	96
71) Pentachlorophenol	16.733	266	1130411	173.227	ng/ul	98
74) Anthracene	17.233	178	6664539	140.959	ng/ul	100
78) Di-n-butylphthalate	18.092	149	3540524	66.397	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Fluoranthene	19.245	202	7181718	96.339	ng/ul	96
82) Pyrene	19.622	202	8949221	117.974	ng/ul	97
83) Butylbenzylphthalate	20.563	149	4622511	146.256	ng/ul	90
85) Benzo(a)anthracene	21.527	228	5527428	79.029	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	5779065	127.058	ng/ul#	96
87) Chrysene	21.604	228	10274147	158.085	ng/ul	98
91) Benzo(k)fluoranthene	23.874	252	5102490	77.678	ng/ul#	98
93) Benzo(a)pyrene	24.692	252	2215620	35.621	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.645	276	7667412	95.664	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.692	278	1835712	27.658	ng/ul	97
96) Benzo(g,h,i)perylene	29.809	276	7096087m	108.711	ng/ul	

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

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