Quantitation Report (Qedit)

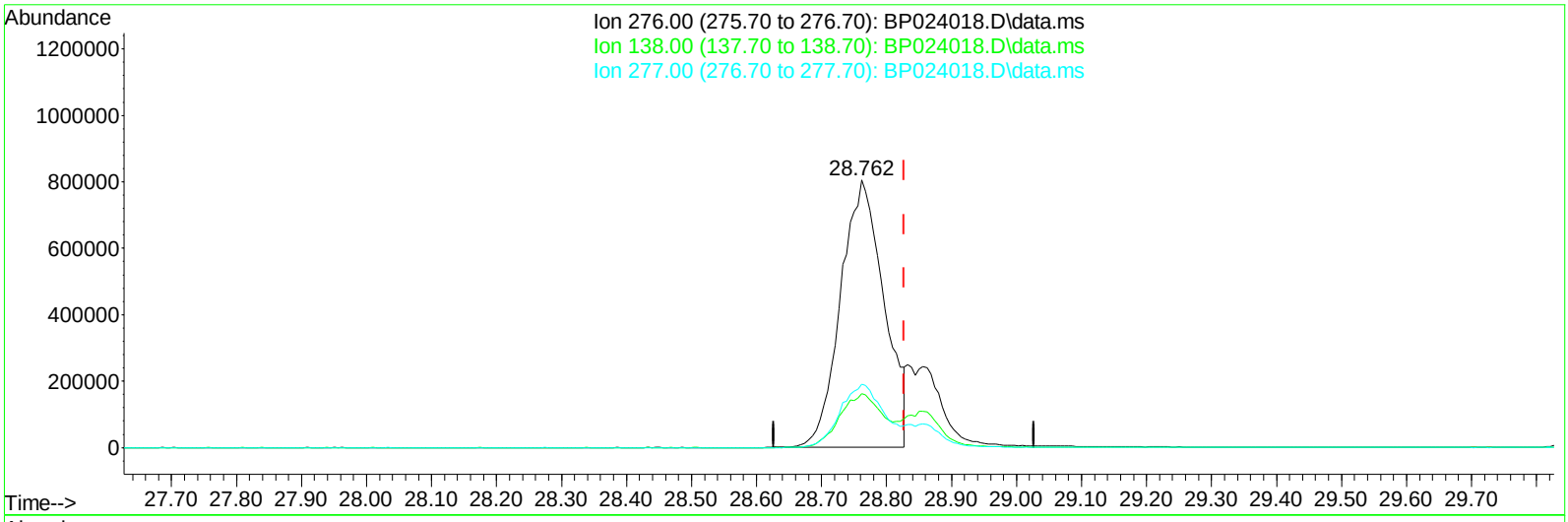
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024018.D
Acq On : 10 Feb 2025 18:33
Operator : RC/JU
Sample : PB166626BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

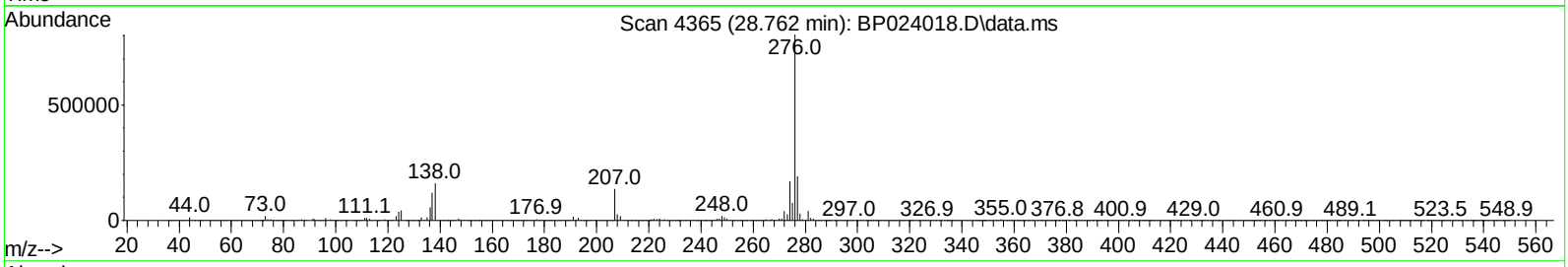
Quant Time: Feb 12 14:53:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

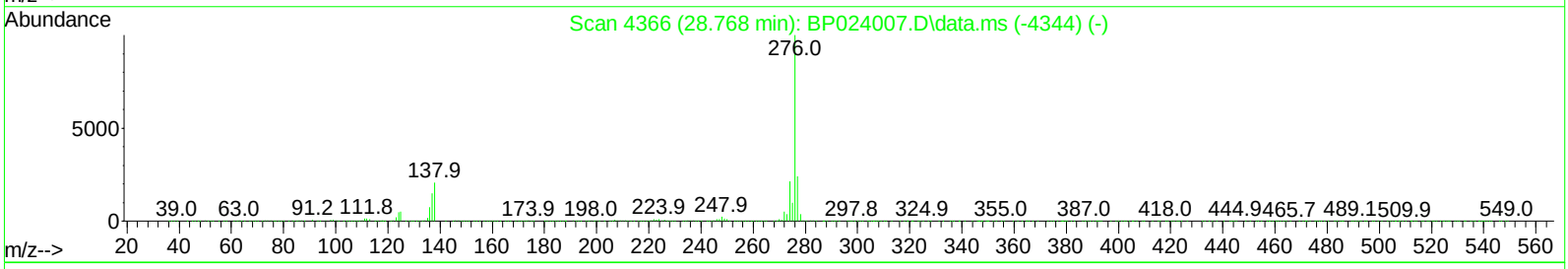
Instrument :
BNA_P
ClientSampleId :
SLCS626

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/12/2025
Supervised By :Sohil Jodhani 02/18/2025







TIC: BP024018.D\data.ms

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

28.762min (-0.065) 23.60 ng/ul

response 3736227

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.13
277.00	23.70	23.73
0.00	0.00	0.00

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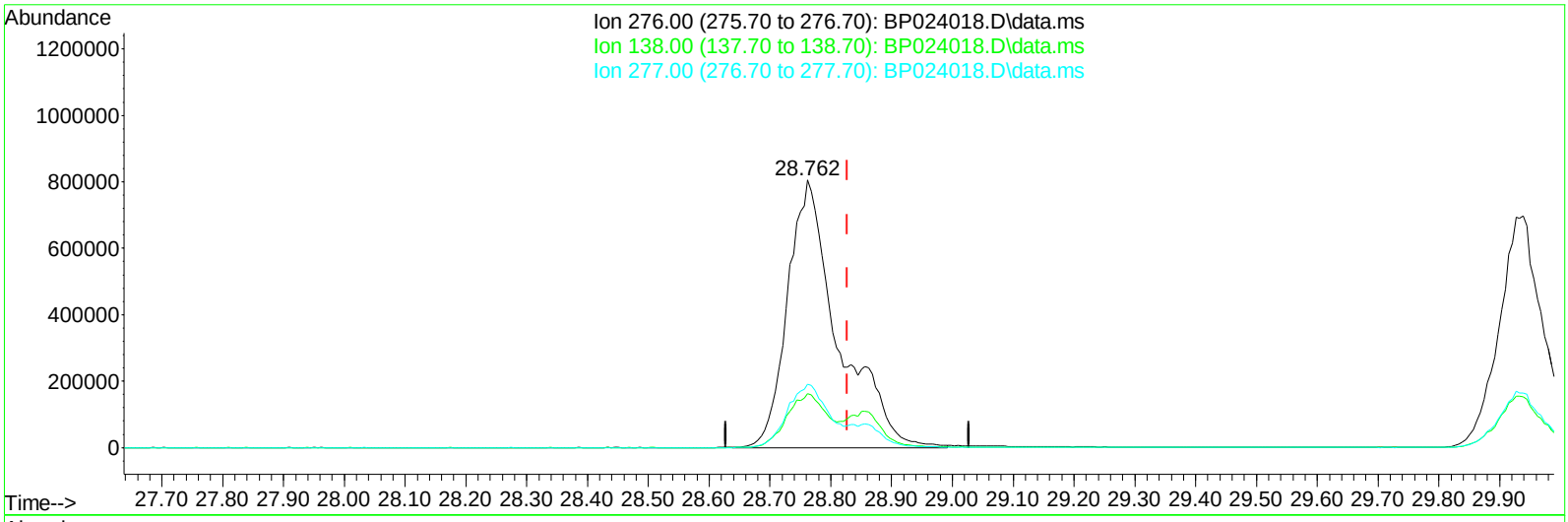

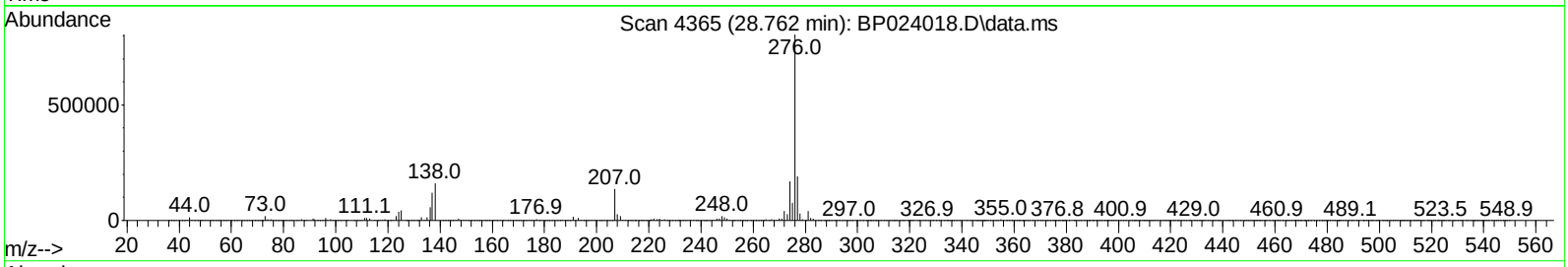

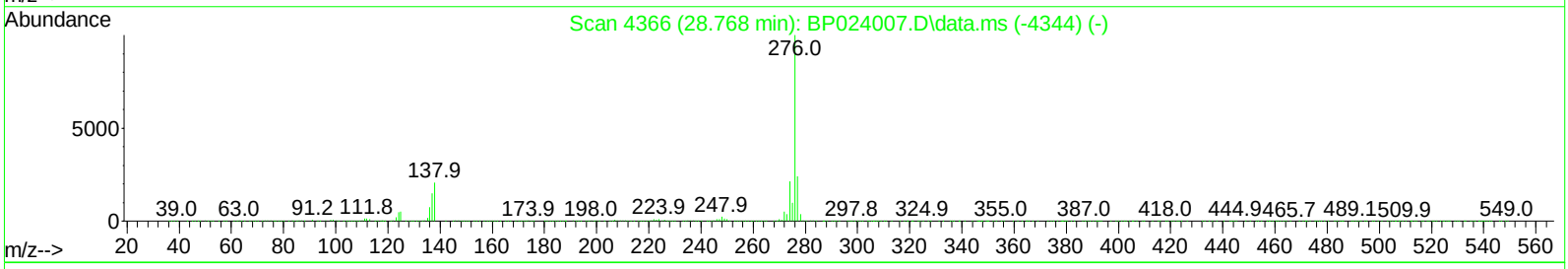

TIC: BP024018.D\data.ms

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

28.762min (-0.065) 29.37 ng/ul m

response 4649311

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.13
277.00	23.70	23.73
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	7.763	152	422083	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.540	136	1809131	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	1125561	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	2167247	20.000	ng/ul	0.00
79) Chrysene-d12	21.610	240	2217410	20.000	ng/ul	-0.03
88) Perylene-d12	24.962	264	2155020	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	60571	5.962	ng/uL	0.00
4) Pyridine-d5	3.699	84	903735	30.830	ng/ul	0.00
7) Phenol-d5	6.952	99	1210139	32.397	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	618342	31.274	ng/ul	0.00
11) 2-Chlorophenol-d4	7.304	132	952731	32.480	ng/ul	-0.01
15) 4-Methylphenol-d8	8.469	113	937086	30.711	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	445184	30.757	ng/ul	0.00
24) 2-Nitrophenol-d4	9.628	143	463501	29.677	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.163	165	902952	31.515	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	1075989	25.112	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	2442005	29.087	ng/ul	-0.01
49) Acenaphthylene-d8	14.069	160	2924083	30.881	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.604	143	466167	27.959	ng/ul	0.00
60) Fluorene-d10	15.386	176	2132707	30.165	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	339199	25.370	ng/ul	0.00
73) Anthracene-d10	17.280	188	3355969	31.538	ng/ul	0.00
81) Pyrene-d10	19.645	212	3745386	31.523	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.733	264	3582543	31.862	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	122803	11.495	ng/uL	97
5) Pyridine	3.716	79	906035	30.872	ng/ul	98
6) Benzaldehyde	6.916	77	164076	8.950	ng/ul	99
8) Phenol	6.975	94	1265458	32.993	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.193	93	888859	30.444	ng/ul	99
12) 2-Chlorophenol	7.340	128	995617	32.947	ng/ul	99
13) 2-Methylphenol	8.210	108	895887	31.043	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.275	45	912858	30.305	ng/ul	99
16) Acetophenone	8.575	105	1439343	30.857	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.563	70	671468	30.569	ng/ul	98
18) 4-Methylphenol	8.534	108	1001506	31.278	ng/ul	100
19) Hexachloroethane	8.834	117	357335	29.905	ng/ul	98
22) Nitrobenzene	8.951	77	1011833	32.212	ng/ul	98
23) Isophorone	9.475	82	1835137	28.935	ng/ul	98
25) 2-Nitrophenol	9.657	139	518090	30.413	ng/ul	97
26) 2,4-Dimethylphenol	9.722	107	871807	27.650	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.951	93	1165658	29.506	ng/ul	99
29) 2,4-Dichlorophenol	10.193	162	905458	31.164	ng/ul	98
30) Naphthalene	10.587	128	2958403	30.550	ng/ul	100
32) 4-Chloroaniline	10.693	127	744452	18.410	ng/ul	99
33) Hexachlorobutadiene	10.875	225	516139	29.343	ng/ul	100
34) Caprolactam	11.475	113	271107	24.085	ng/ul	98
35) 4-Chloro-3-methylphenol	11.828	107	928852	29.739	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.192	142	2013163	29.567	ng/ul	99
37) 1-Methylnaphthalene	12.416	142	1998878	29.593	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	1020648	30.673	ng/ul	99
40) Hexachlorocyclopentadiene	12.545	237	367922	19.622	ng/ul	99
41) 2,4,6-Trichlorophenol	12.804	196	641466	28.860	ng/ul	100
42) 2,4,5-Trichlorophenol	12.887	196	714250	29.814	ng/ul	98
43) 1,1'-Biphenyl	13.210	154	2572874	30.795	ng/ul	100
44) 2-Chloronaphthalene	13.251	162	2016527	30.975	ng/ul	100
45) 2-Nitroaniline	13.451	65	548592	32.378	ng/ul	94
47) Dimethylphthalate	13.834	163	2409307	28.842	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	481836	29.516	ng/ul	98
50) Acenaphthylene	14.098	152	3149095	31.229	ng/ul	99
51) 3-Nitroaniline	14.286	138	539917	30.094	ng/ul	92
52) Acenaphthene	14.451	153	2192376	30.665	ng/ul	100
53) 2,4-Dinitrophenol	14.498	184	173126	17.789	ng/ul	97
55) 4-Nitrophenol	14.616	109	359176	30.450	ng/ul	95
56) Dibenzofuran	14.786	168	3027908	30.564	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	731878	30.141	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.022	232	552623	27.108	ng/ul	93
59) Diethylphthalate	15.222	149	2391787	28.578	ng/ul	99
61) Fluorene	15.445	166	2554567	31.083	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	1228824	30.205	ng/ul	98
63) 4-Nitroaniline	15.469	138	620745	35.562	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.528	198	373980	25.442	ng/ul	99
67) N-Nitrosodiphenylamine	15.657	169	2069713	31.291	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	729187	29.822	ng/ul	99
69) Hexachlorobenzene	16.475	284	852961	28.791	ng/ul	97
70) Atrazine	16.633	200	266228	10.394	ng/ul	99
71) Pentachlorophenol	16.833	266	449543	24.669	ng/ul	99
72) Phenanthrene	17.222	178	3885601	31.748	ng/ul	99
74) Anthracene	17.316	178	3879163	31.429	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.169	216	976340	30.764	ng/uL	100
76) Pentachlorobenzene	14.704	250	994111	29.067	ng/uL	98
77) Carbazole	17.592	167	3630820	33.578	ng/ul	99
78) Di-n-butylphthalate	18.186	149	4034130	30.143	ng/ul	100
80) Fluoranthene	19.298	202	4317678	31.549	ng/ul	99
82) Pyrene	19.680	202	4701597	32.852	ng/ul	100
83) Butylbenzylphthalate	20.621	149	1762596	28.599	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.515	252	1251482	26.086	ng/ul	99
85) Benzo(a)anthracene	21.586	228	4483451	30.748	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	2573408	28.618	ng/ul	99
87) Chrysene	21.657	228	4282398	31.874	ng/ul	99
89) Di-n-octyl phthalate	22.810	149	3986780	30.861	ng/ul	100
90) Benzo(b)fluoranthene	23.892	252	4270186	32.656	ng/ul	98
91) Benzo(k)fluoranthene	23.962	252	4353812	33.213	ng/ul	100
93) Benzo(a)pyrene	24.798	252	3935144	32.225	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.762	276	4649311m	29.373	ng/ul	
95) Dibenzo(a,h)anthracene	28.862	278	3776964	29.416	ng/ul	99
96) Benzo(g,h,i)perylene	29.939	276	3502467	28.889	ng/ul	100

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

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