Quantitation Report (Qedit)

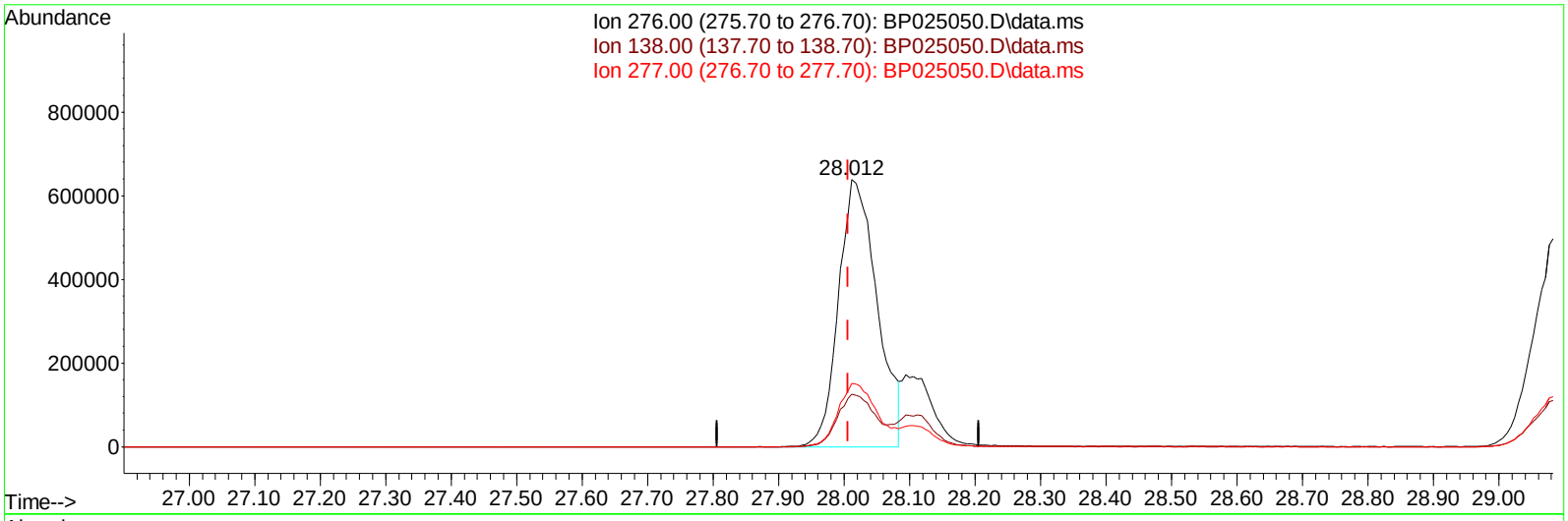
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063025\
Data File : BP025050.D
Acq On : 30 Jun 2025 20:13
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

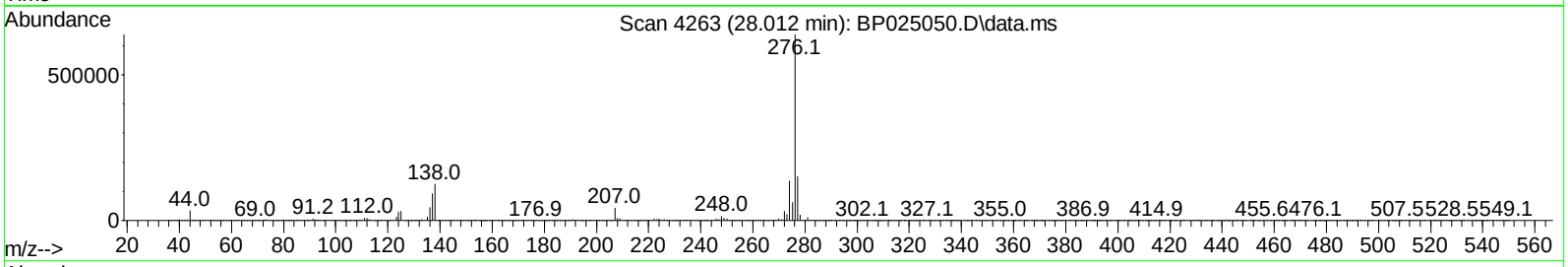
Quant Time: Jul 01 11:18:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP063025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 11:17:33 2025
Response via : Initial Calibration

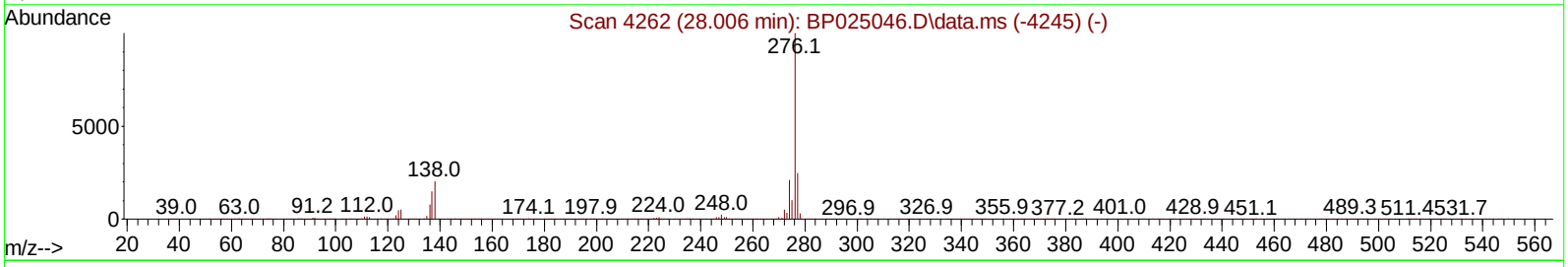
Instrument :
BNA_P
ClientSampleId :
SICV644

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 07/01/2025
Supervised By :Jagrut Upadhyay 07/02/2025







TIC: BP025050.D\data.ms

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

28.012min (+ 0.006) 17.23 ng/ul

response 2604362

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.20	19.81
277.00	24.70	23.77
0.00	0.00	0.00

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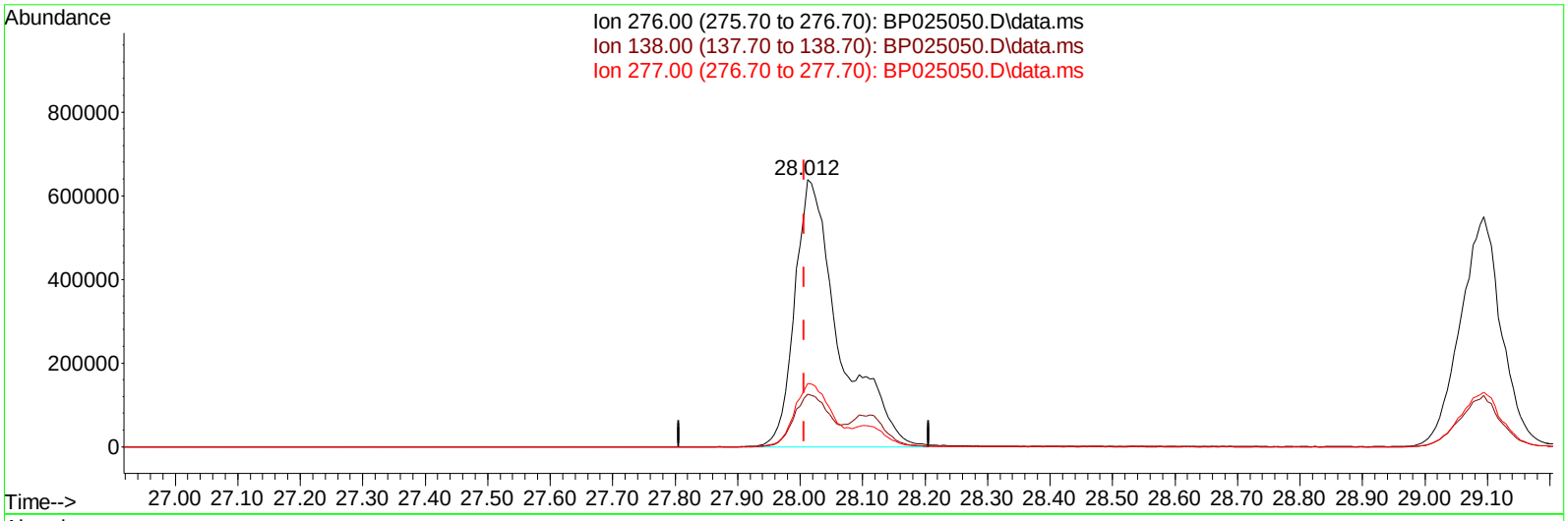

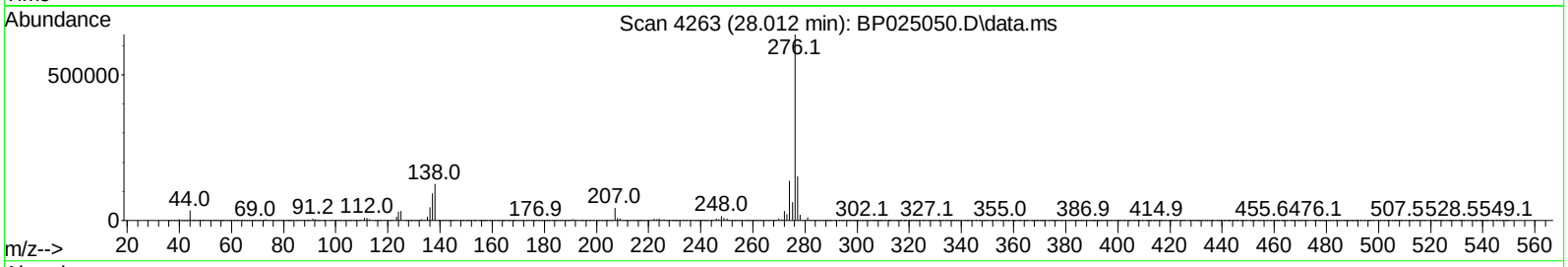

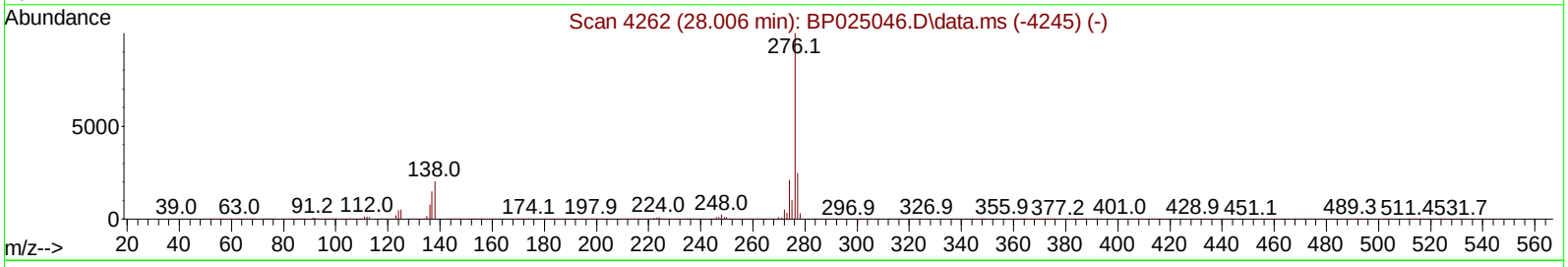

TIC: BP025050.D\data.ms

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

28.012min (+ 0.006) 20.99 ng/ul m

response 3173712

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.20	19.81
277.00	24.70	23.77
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 30 Jun 2025 20:13
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 01 11:20:21 2025
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 11:17:33 2025
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.442	152	348919	20.000	ng/ul	0.00
20) Naphthalene-d8	10.189	136	1448315	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.089	164	953002	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.918	188	1899132	20.000	ng/ul	0.00
79) Chrysene-d12	21.348	240	2002517	20.000	ng/ul	0.00
88) Perylene-d12	24.477	264	2147964	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	59918	7.686	ng/uL	0.00
4) Pyridine-d5	3.472	84	442953	20.070	ng/ul	0.00
7) Phenol-d5	6.625	99	537308	20.003	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.795	67	351202	22.713	ng/ul	0.00
11) 2-Chlorophenol-d4	6.984	132	462310	21.270	ng/ul	0.00
15) 4-Methylphenol-d8	8.137	113	444528	20.431	ng/ul	0.00
21) Nitrobenzene-d5	8.566	128	212285	21.835	ng/ul	0.00
24) 2-Nitrophenol-d4	9.278	143	198838	23.462	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.813	165	461067	21.410	ng/ul	0.00
31) 4-Chloroaniline-d4	10.313	131	685505	20.671	ng/ul	0.00
46) Dimethylphthalate-d6	13.507	166	1431810	20.915	ng/ul	0.00
49) Acenaphthylene-d8	13.772	160	1690119	21.082	ng/ul	0.00
54) 4-Nitrophenol-d4	14.289	143	262134	20.271	ng/ul	0.00
60) Fluorene-d10	15.113	176	1222711	20.804	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.230	200	160066	19.397	ng/ul	0.00
73) Anthracene-d10	17.013	188	1885904	20.656	ng/ul	0.00
81) Pyrene-d10	19.412	212	2188418	21.307	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.265	264	2246002	20.790	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	61943	7.359	ng/uL	97
5) Pyridine	3.490	79	449151	19.642	ng/ul	100
6) Benzaldehyde	6.601	77	345545	26.546	ng/ul	98
8) Phenol	6.654	94	577372	20.937	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.884	93	439408	20.684	ng/ul	100
12) 2-Chlorophenol	7.013	128	485468	21.826	ng/ul	98
13) 2-Methylphenol	7.878	108	437519	20.837	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.966	45	604740	20.580	ng/ul	99
16) Acetophenone	8.242	105	751954	22.057	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.237	70	356803	22.908	ng/ul	99
18) 4-Methylphenol	8.195	108	479905	21.136	ng/ul	100
19) Hexachloroethane	8.501	117	184601	21.763	ng/ul	97
22) Nitrobenzene	8.607	77	486673	21.610	ng/ul	98
23) Isophorone	9.137	82	992867	21.367	ng/ul	99
25) 2-Nitrophenol	9.307	139	238193	24.017	ng/ul	99
26) 2,4-Dimethylphenol	9.384	107	504522	21.117	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.619	93	603661	21.000	ng/ul	99
29) 2,4-Dichlorophenol	9.836	162	465786	21.653	ng/ul	99
30) Naphthalene	10.242	128	1574950	20.722	ng/ul	100
32) 4-Chloroaniline	10.342	127	699975	21.502	ng/ul	100
33) Hexachlorobutadiene	10.542	225	293786	20.482	ng/ul	100
34) Caprolactam	11.083	113	158331	20.763	ng/ul	96
35) 4-Chloro-3-methylphenol	11.472	107	479559	22.350	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.860	142	1018394	18.805	ng/ul	99
37) 1-Methylnaphthalene	12.083	142	1093599	20.553	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.242	216	587111	20.869	ng/ul	99
40) Hexachlorocyclopentadiene	12.230	237	279919	20.333	ng/ul	96
41) 2,4,6-Trichlorophenol	12.478	196	362914	21.820	ng/ul	96
42) 2,4,5-Trichlorophenol	12.548	196	402503	21.751	ng/ul	98
43) 1,1'-Biphenyl	12.901	154	1497546	21.215	ng/ul	100
44) 2-Chloronaphthalene	12.936	162	1146332	20.885	ng/ul	100
45) 2-Nitroaniline	13.142	65	255887	24.667	ng/ul	92
47) Dimethylphthalate	13.554	163	1448420	21.438	ng/ul	100
48) 2,6-Dinitrotoluene	13.654	165	286858	27.117	ng/ul	97
50) Acenaphthylene	13.801	152	1911999	21.037	ng/ul	100
51) 3-Nitroaniline	13.983	138	324241	26.202	ng/ul#	97
52) Acenaphthene	14.154	153	1228963	20.935	ng/ul	99
53) 2,4-Dinitrophenol	14.201	184	105885	20.062	ng/ul	98
55) 4-Nitrophenol	14.301	109	195524	21.326	ng/ul	96
56) Dibenzofuran	14.501	168	1766165	21.233	ng/ul	99
57) 2,4-Dinitrotoluene	14.466	165	377756	24.188	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.730	232	361170	24.152	ng/ul	97
59) Diethylphthalate	14.960	149	1413024	21.411	ng/ul	98
61) Fluorene	15.166	166	1418675	21.096	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.177	204	692420	20.858	ng/ul	98
63) 4-Nitroaniline	15.177	138	334763	27.440	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.242	198	182893	20.363	ng/ul	97
67) N-Nitrosodiphenylamine	15.389	169	1236099	21.984	ng/ul	99
68) 4-Bromophenyl-phenylether	16.089	248	427842	21.478	ng/ul	97
69) Hexachlorobenzene	16.195	284	518466	20.749	ng/ul	99
70) Atrazine	16.389	200	427858	20.710	ng/ul	99
71) Pentachlorophenol	16.554	266	307557	20.363	ng/ul	98
72) Phenanthrene	16.954	178	2229568	21.089	ng/ul	100
74) Anthracene	17.042	178	2255869	21.293	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.854	216	563224	19.828	ng/uL	99
76) Pentachlorobenzene	14.419	250	571302	19.884	ng/uL	99
77) Carbazole	17.330	167	2107193	22.186	ng/ul	100
78) Di-n-butylphthalate	17.965	149	2388874	22.803	ng/ul	100
80) Fluoranthene	19.065	202	2557641	21.439	ng/ul	100
82) Pyrene	19.442	202	2689779	21.241	ng/ul	96
83) Butylbenzylphthalate	20.430	149	897041	24.395	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.265	252	925867	25.299	ng/ul	98
85) Benzo(a)anthracene	21.330	228	2710691	21.050	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.324	149	1485751	24.070	ng/ul	98
87) Chrysene	21.395	228	2527391	21.054	ng/ul	100
89) Di-n-octyl phthalate	22.548	149	2227118	20.933	ng/ul	100
90) Benzo(b)fluoranthene	23.495	252	2650041	20.936	ng/ul	100
91) Benzo(k)fluoranthene	23.559	252	2725096	21.585	ng/ul	100
93) Benzo(a)pyrene	24.330	252	2617565	21.956	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.012	276	3173712m	20.994	ng/ul	
95) Dibenzo(a,h)anthracene	28.118	278	2630729	21.619	ng/ul	98
96) Benzo(g,h,i)perylene	29.094	276	2525760	20.326	ng/ul	99

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

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