Quantitation Report (Qedit)

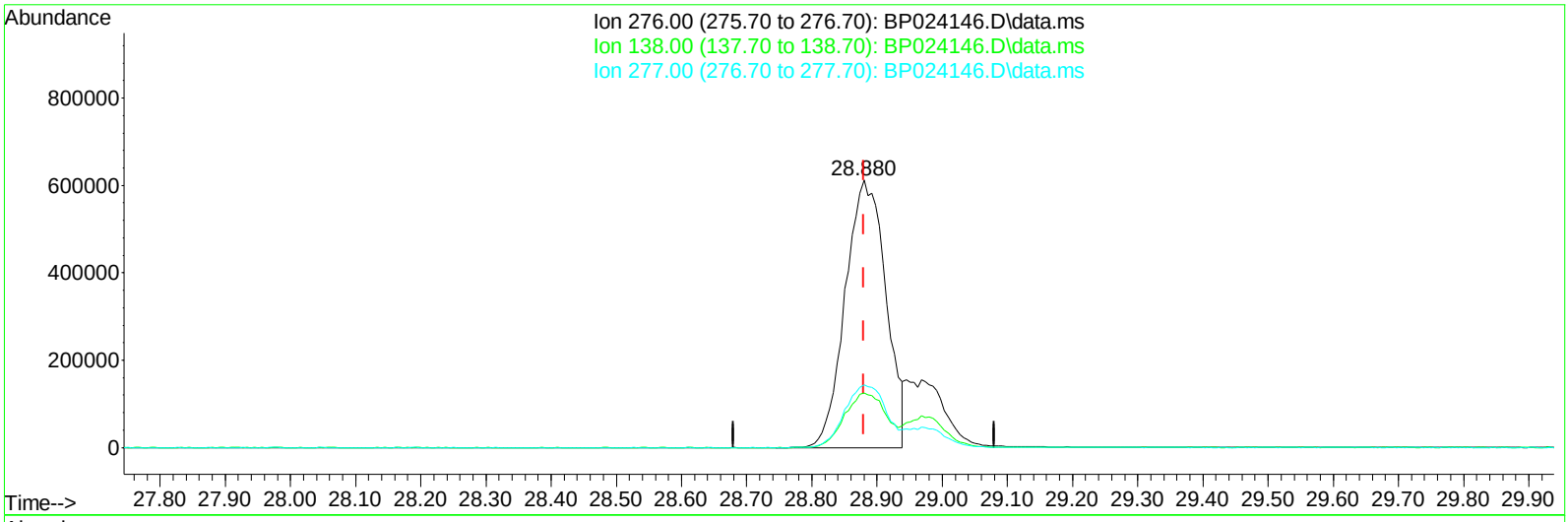
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030425\
Data File : BP024146.D
Acq On : 04 Mar 2025 10:59
Operator : RC/JU
Sample : SSTD02087
Misc :
ALS Vial : 4 Sample Multiplier: 1

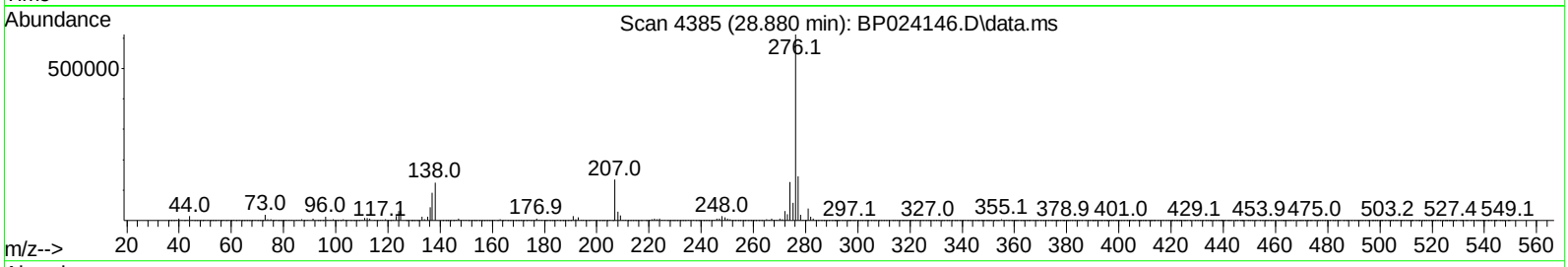
Quant Time: Mar 04 13:28:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 04 13:32:01 2025
Response via : Initial Calibration

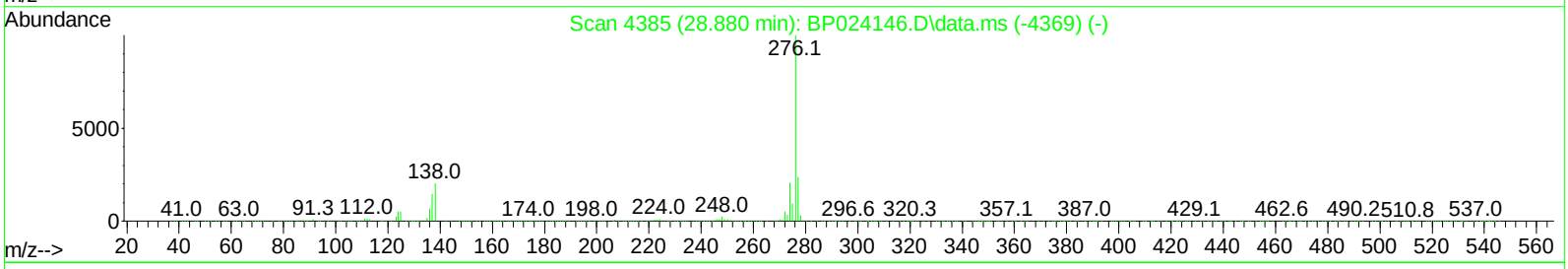
Instrument :
BNA_P
ClientSampleId :
SSTD020625

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025







TIC: BP024146.D\data.ms

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

28.880min (0.000) 17.96 ng/ul

response 2649559

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	20.35
277.00	23.60	23.59
0.00	0.00	0.00

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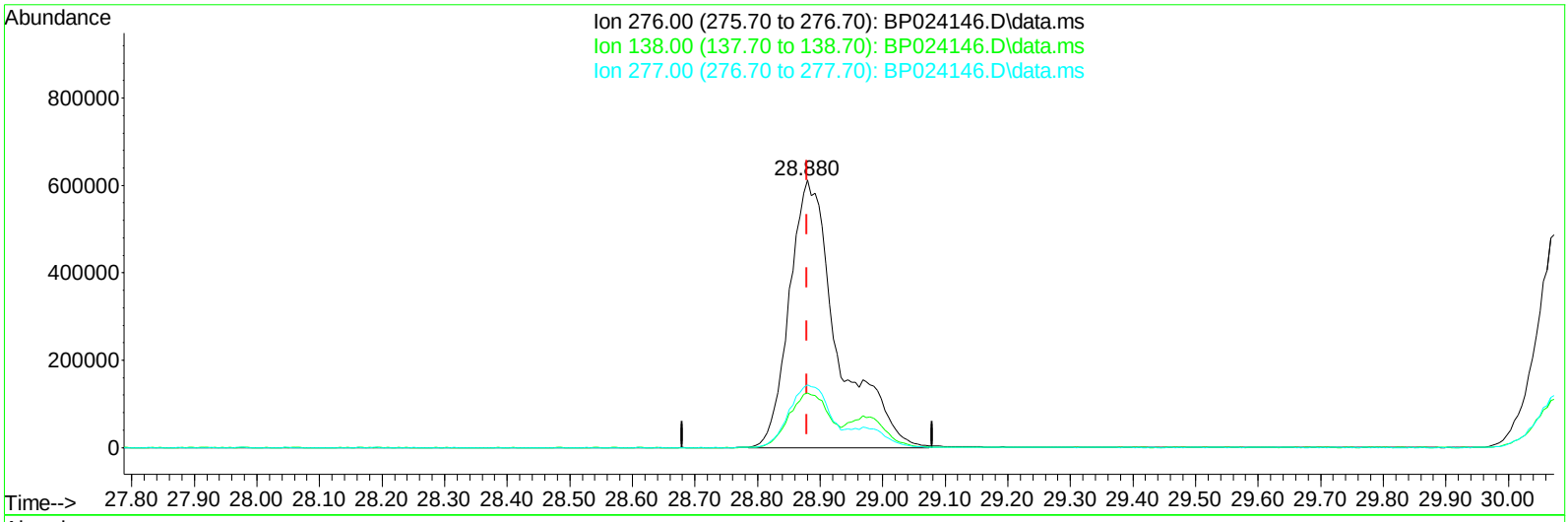

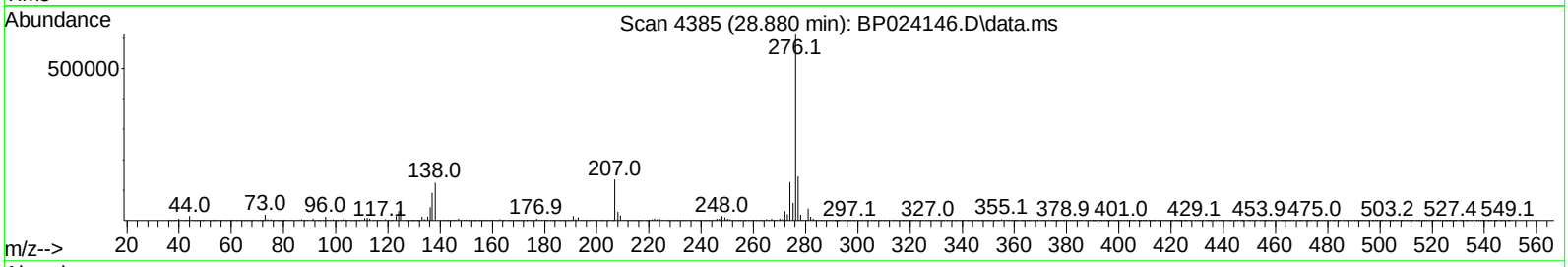

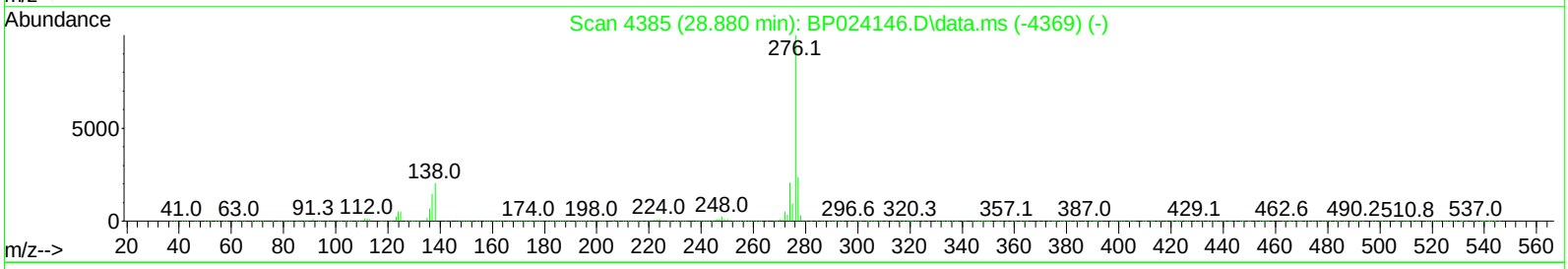

TIC: BP024146.D\data.ms

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

28.880min (0.000) 22.23 ng/ul m

response 3279478

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.30	20.35
277.00	23.60	23.59
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	7.758	152	330869	20.00	ng/ul	0.00
20) Naphthalene-d8	10.534	136	1369680	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	835568	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1627176	20.00	ng/ul	0.00
79) Chrysene-d12	21.651	240	1776968	20.00	ng/ul	0.00
88) Perylene-d12	25.033	264	2000715	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	73948	9.18	ng/uL	0.00
4) Pyridine-d5	3.681	84	526984	22.77	ng/ul	0.00
7) Phenol-d5	6.934	99	624784	21.33	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	355249	22.67	ng/ul	0.00
11) 2-Chlorophenol-d4	7.293	132	504676	21.95	ng/ul	0.00
15) 4-Methylphenol-d8	8.457	113	491851	20.79	ng/ul	0.00
21) Nitrobenzene-d5	8.899	128	245563	22.24	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	257785	21.82	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	466170	21.57	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	689450	21.42	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	1324391	21.36	ng/ul	0.00
49) Acenaphthylene-d8	14.087	160	1555227	22.12	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	258934	20.96	ng/ul	0.00
60) Fluorene-d10	15.404	176	1133678	21.63	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	208045	20.44	ng/ul	0.00
73) Anthracene-d10	17.298	188	1763109	22.03	ng/ul	0.00
81) Pyrene-d10	19.669	212	2020933	21.41	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.804	264	2288554	21.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	79118	9.31	ng/uL	100
5) Pyridine	3.699	79	536347	23.00	ng/ul	100
6) Benzaldehyde	6.905	77	387128	26.85	ng/ul	100
8) Phenol	6.963	94	652547	21.64	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.181	93	510835	22.20	ng/ul	100
12) 2-Chlorophenol	7.328	128	521383	21.98	ng/ul	100
13) 2-Methylphenol	8.199	108	471191	20.95	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.269	45	537561	22.59	ng/ul	100
16) Acetophenone	8.569	105	770858	21.35	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.552	70	370322	21.79	ng/ul	100
18) 4-Methylphenol	8.522	108	526156	21.12	ng/ul	100
19) Hexachloroethane	8.828	117	207755	22.10	ng/ul	100
22) Nitrobenzene	8.946	77	550553	22.86	ng/ul	100
23) Isophorone	9.469	82	1017846	21.44	ng/ul	100
25) 2-Nitrophenol	9.652	139	286596	22.11	ng/ul	100
26) 2,4-Dimethylphenol	9.710	107	511643	21.60	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.940	93	654077	21.91	ng/ul	100
29) 2,4-Dichlorophenol	10.187	162	471771	21.54	ng/ul	100
30) Naphthalene	10.581	128	1622252	22.08	ng/ul	100
32) 4-Chloroaniline	10.693	127	661083	21.71	ng/ul	100
33) Hexachlorobutadiene	10.869	225	287270	21.49	ng/ul	100
34) Caprolactam	11.469	113	163182	19.71	ng/ul	100
35) 4-Chloro-3-methylphenol	11.822	107	484004	20.87	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.193	142	1085441	21.26	ng/ul	100
37)	1-Methylnaphthalene	12.416	142	1080016	21.35	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.569	216	556552	22.32	ng/ul	100
40)	Hexachlorocyclopentadiene	12.551	237	293612	20.99	ng/ul	100
41)	2,4,6-Trichlorophenol	12.810	196	355354	21.62	ng/ul	100
42)	2,4,5-Trichlorophenol	12.887	196	386047	21.71	ng/ul	100
43)	1,1'-Biphenyl	13.216	154	1390483	22.31	ng/ul	100
44)	2-Chloronaphthalene	13.257	162	1072368	22.08	ng/ul	100
45)	2-Nitroaniline	13.463	65	283014	22.37	ng/ul	100
47)	Dimethylphthalate	13.845	163	1333318	21.53	ng/ul	100
48)	2,6-Dinitrotoluene	13.963	165	262439	21.71	ng/ul	100
50)	Acenaphthylene	14.116	152	1657231	22.11	ng/ul	100
51)	3-Nitroaniline	14.292	138	298425	22.50	ng/ul	100
52)	Acenaphthene	14.463	153	1162604	21.92	ng/ul	100
53)	2,4-Dinitrophenol	14.504	184	138268	18.98	ng/ul	100
55)	4-Nitrophenol	14.622	109	181628	20.90	ng/ul	100
56)	Dibenzofuran	14.798	168	1618241	21.97	ng/ul	100
57)	2,4-Dinitrotoluene	14.763	165	393046	21.82	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.034	232	314813	21.04	ng/ul	100
59)	Diethylphthalate	15.228	149	1326402	21.30	ng/ul	100
61)	Fluorene	15.457	166	1330279	21.85	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.457	204	633091	21.11	ng/ul	100
63)	4-Nitroaniline	15.475	138	312452	24.02	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.539	198	231592	20.81	ng/ul	100
67)	N-Nitrosodiphenylamine	15.675	169	1103030	22.14	ng/ul	100
68)	4-Bromophenyl-phenylether	16.369	248	402295	21.84	ng/ul	100
69)	Hexachlorobenzene	16.481	284	473671	21.30	ng/ul	100
70)	Atrazine	16.651	200	410402	21.36	ng/ul	100
71)	Pentachlorophenol	16.839	266	281753	20.48	ng/ul	100
72)	Phenanthrene	17.239	178	2024898	21.99	ng/ul	100
74)	Anthracene	17.334	178	2054975	22.09	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.181	216	549073	22.83	ng/uL	100
76)	Pentachlorobenzene	14.722	250	566078	22.04	ng/uL	100
77)	Carbazole	17.616	167	1911909	23.44	ng/ul	100
78)	Di-n-butylphthalate	18.204	149	2230620	22.06	ng/ul	100
80)	Fluoranthene	19.322	202	2359520	21.68	ng/ul	100
82)	Pyrene	19.698	202	2511563	22.10	ng/ul	100
83)	Butylbenzylphthalate	20.651	149	1034975	20.98	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.545	252	825620	21.37	ng/ul	100
85)	Benzo(a)anthracene	21.627	228	2558697	21.81	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.569	149	1530528	21.08	ng/ul	100
87)	Chrysene	21.698	228	2405176	22.20	ng/ul	100
89)	Di-n-octyl phthalate	22.863	149	2599603	21.73	ng/ul	100
90)	Benzo(b)fluoranthene	23.963	252	2611479	21.62	ng/ul	100
91)	Benzo(k)fluoranthene	24.039	252	2652027	21.77	ng/ul	100
93)	Benzo(a)pyrene	24.880	252	2481790	21.96	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.880	276	3279478m	22.23	ng/ul	
95)	Dibenzo(a,h)anthracene	28.974	278	2667659	22.31	ng/ul	100
96)	Benzo(g,h,i)perylene	30.092	276	2527013	22.40	ng/ul	100

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

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