Quantitation Report (Qedit)

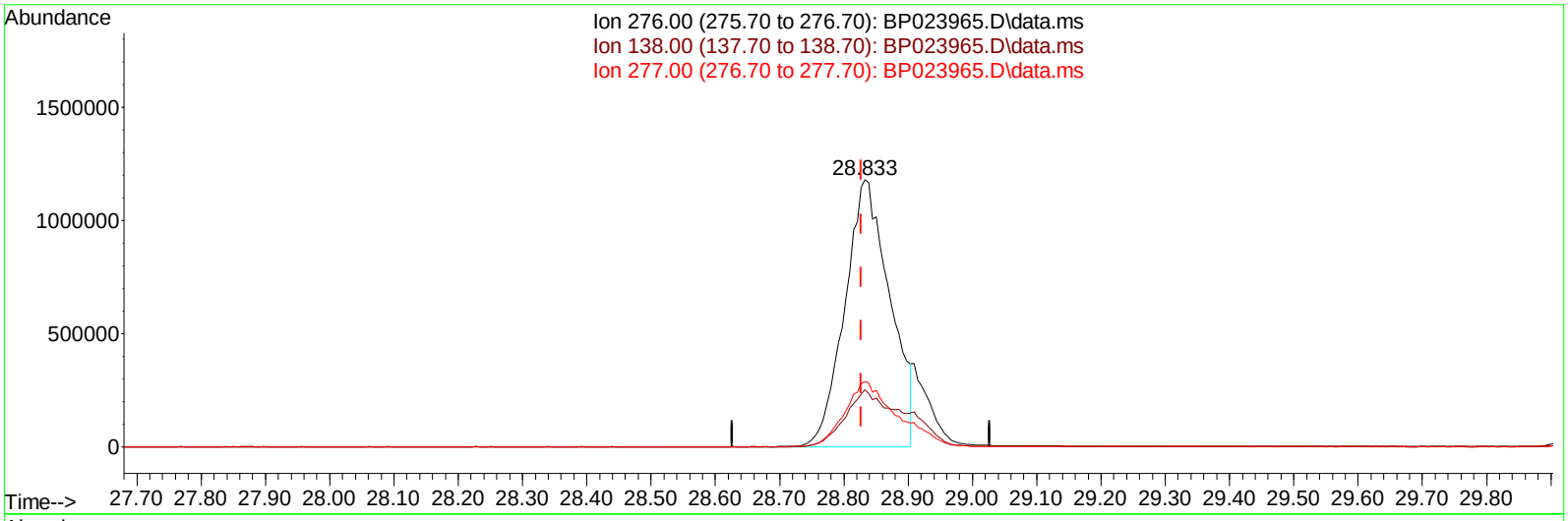
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023965.D
Acq On : 06 Feb 2025 11:16
Operator : RC/JU
Sample : PB166510BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

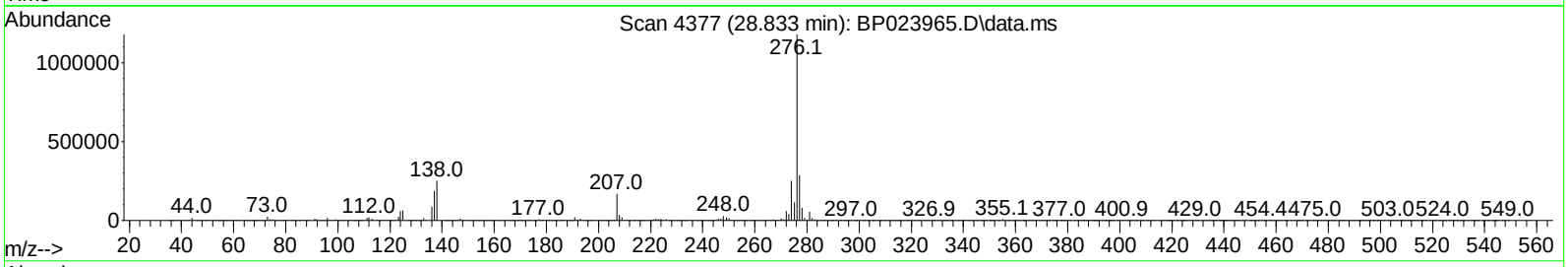
Quant Time: Feb 06 13:03:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

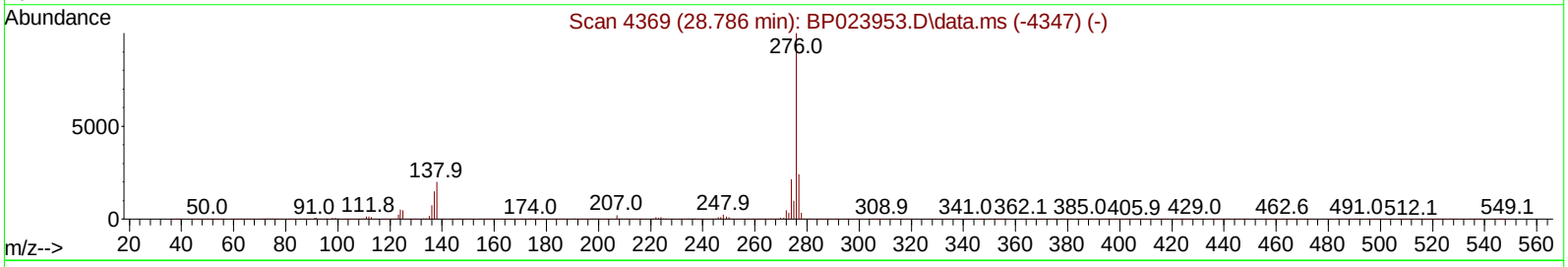
Instrument :
BNA_P
ClientSampleId :
SLCS510

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/07/2025
Supervised By :mohammad ahmed 02/07/2025







TIC: BP023965.D\data.ms

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

28.833min (+ 0.006) 27.45 ng/ul

response 5738563

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	21.33
277.00	23.70	24.33
0.00	0.00	0.00

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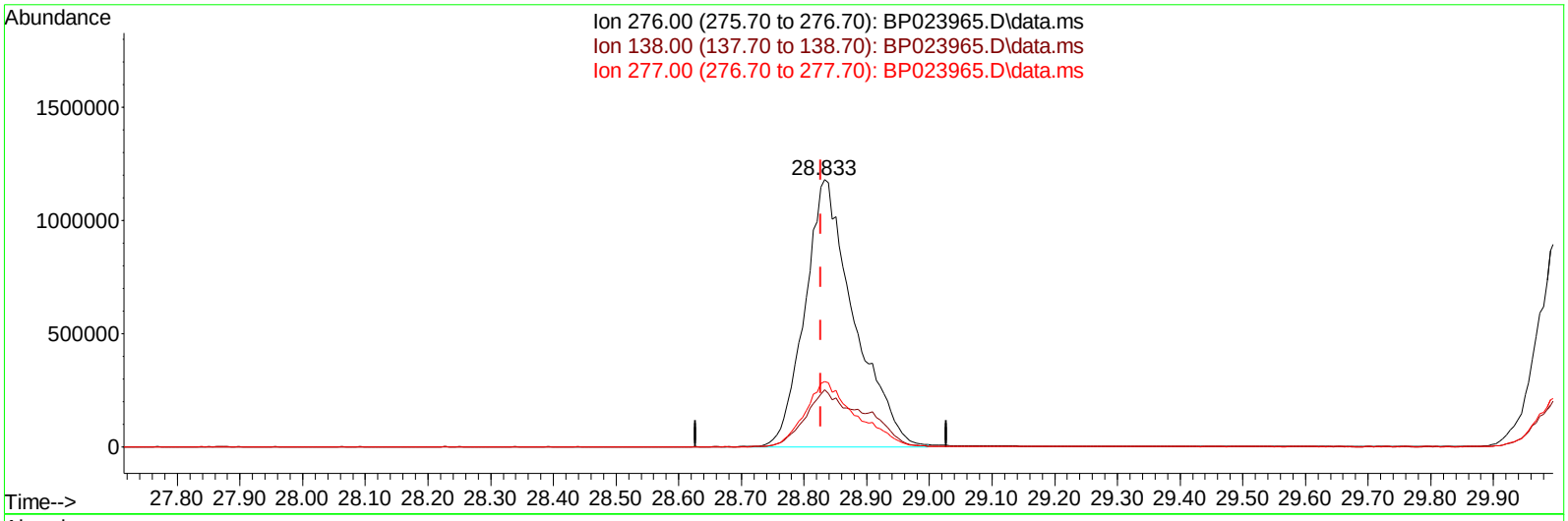

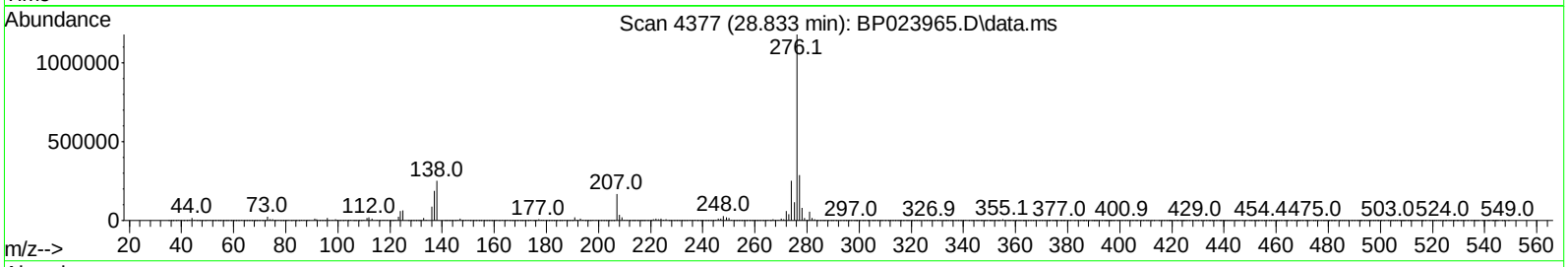

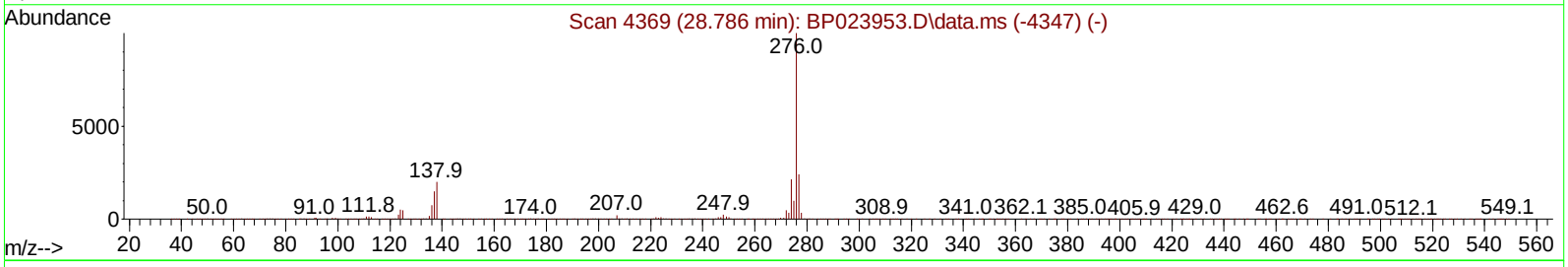

TIC: BP023965.D\data.ms

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

28.833min (+ 0.006) 30.71 ng/ul m

response 6418724

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	21.33
277.00	23.70	24.33
0.00	0.00	0.00

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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	7.769	152	486126	20.000	ng/ul	0.00
20) Naphthalene-d8	10.546	136	2107246	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	1351376	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	2629903	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	2658326	20.000	ng/ul	0.00
88) Perylene-d12	24.986	264	2845747	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	65954	5.637	ng/uL	0.00
4) Pyridine-d5	3.699	84	990229	29.330	ng/ul	0.00
7) Phenol-d5	6.963	99	1387115	32.243	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	673161	29.562	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	1123817	33.266	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	1102631	31.375	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	529043	31.380	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	583730	32.088	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	1091344	32.702	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	1235162	24.748	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	2983126	29.595	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	3477364	30.587	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	555493	27.749	ng/ul	0.00
60) Fluorene-d10	15.398	176	2576526	30.353	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	379120	23.367	ng/ul	0.01
73) Anthracene-d10	17.298	188	3922184	30.374	ng/ul	0.01
81) Pyrene-d10	19.669	212	4472363	31.399	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	4657052	31.365	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	133785	10.873	ng/uL	97
5) Pyridine	3.716	79	991158	29.324	ng/ul	98
6) Benzaldehyde	6.922	77	179786	8.515	ng/ul	99
8) Phenol	6.987	94	1416454	32.065	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.199	93	996584	29.636	ng/ul	99
12) 2-Chlorophenol	7.352	128	1147696	32.976	ng/ul	98
13) 2-Methylphenol	8.216	108	1037075	31.201	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.287	45	1024451	29.529	ng/ul	99
16) Acetophenone	8.587	105	1632778	30.392	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.569	70	747152	29.534	ng/ul	98
18) 4-Methylphenol	8.540	108	1155396	31.330	ng/ul	97
19) Hexachloroethane	8.846	117	407051	29.578	ng/ul	96
22) Nitrobenzene	8.957	77	1127763	30.824	ng/ul	99
23) Isophorone	9.481	82	2121409	28.717	ng/ul	100
25) 2-Nitrophenol	9.663	139	636275	32.066	ng/ul	98
26) 2,4-Dimethylphenol	9.728	107	985466	26.833	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.957	93	1324430	28.782	ng/ul	99
29) 2,4-Dichlorophenol	10.204	162	1076554	31.810	ng/ul	98
30) Naphthalene	10.593	128	3372126	29.896	ng/ul	100
32) 4-Chloroaniline	10.698	127	862024	18.302	ng/ul	99
33) Hexachlorobutadiene	10.887	225	615604	30.047	ng/ul	99
34) Caprolactam	11.487	113	351355	26.798	ng/ul	97
35) 4-Chloro-3-methylphenol	11.840	107	1120623	30.804	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.198	142	2385593	30.080	ng/ul	99
37) 1-Methylnaphthalene	12.422	142	2350410	29.874	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.569	216	1235988	30.938	ng/ul	100
40) Hexachlorocyclopentadiene	12.557	237	438735	19.489	ng/ul	98
41) 2,4,6-Trichlorophenol	12.816	196	806482	30.221	ng/ul	99
42) 2,4,5-Trichlorophenol	12.892	196	882215	30.671	ng/ul	98
43) 1,1'-Biphenyl	13.210	154	3037588	30.281	ng/ul	100
44) 2-Chloronaphthalene	13.251	162	2394450	30.635	ng/ul	99
45) 2-Nitroaniline	13.463	65	626541	30.800	ng/ul	98
47) Dimethylphthalate	13.839	163	2903556	28.951	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	596259	30.421	ng/ul	99
50) Acenaphthylene	14.110	152	3703800	30.592	ng/ul	100
51) 3-Nitroaniline	14.292	138	658223	30.558	ng/ul	99
52) Acenaphthene	14.457	153	2604918	30.347	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	203313	17.400	ng/ul	98
55) 4-Nitrophenol	14.634	109	408410	28.838	ng/ul	97
56) Dibenzofuran	14.792	168	3580734	30.104	ng/ul	100
57) 2,4-Dinitrotoluene	14.757	165	882237	30.262	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.034	232	680607	27.807	ng/ul	97
59) Diethylphthalate	15.222	149	2885558	28.717	ng/ul	99
61) Fluorene	15.451	166	3007011	30.474	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	1450641	29.699	ng/ul	98
63) 4-Nitroaniline	15.475	138	738824	35.254	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.539	198	412903	23.148	ng/ul	94
67) N-Nitrosodiphenylamine	15.669	169	2461130	30.663	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	908698	30.626	ng/ul	98
69) Hexachlorobenzene	16.475	284	1089913	30.317	ng/ul	97
70) Atrazine	16.651	200	341454	10.986	ng/ul	98
71) Pentachlorophenol	16.833	266	532375	24.075	ng/ul	100
72) Phenanthrene	17.233	178	4493375	30.255	ng/ul	99
74) Anthracene	17.333	178	4518330	30.167	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.181	216	1216348	31.584	ng/uL	99
76) Pentachlorobenzene	14.716	250	1230614	29.652	ng/uL	99
77) Carbazole	17.616	167	4241016	32.321	ng/ul	99
78) Di-n-butylphthalate	18.210	149	4838806	29.795	ng/ul	99
80) Fluoranthene	19.322	202	5169759	31.510	ng/ul	98
82) Pyrene	19.698	202	5481630	31.949	ng/ul	99
83) Butylbenzylphthalate	20.645	149	2164130	29.290	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.533	252	1696876	29.503	ng/ul	99
85) Benzo(a)anthracene	21.616	228	5339663	30.546	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	3022801	28.040	ng/ul	100
87) Chrysene	21.680	228	5050357	31.355	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	5039492	29.542	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	5457393	31.605	ng/ul	99
91) Benzo(k)fluoranthene	24.010	252	5389941	31.137	ng/ul	99
93) Benzo(a)pyrene	24.845	252	4937182	30.617	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.833	276	6418724m	30.709	ng/ul	
95) Dibenzo(a,h)anthracene	28.909	278	5289977	31.199	ng/ul	100
96) Benzo(g,h,i)perylene	30.003	276	4901888	30.618	ng/ul	100

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

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