Quantitation Report (Qedit)

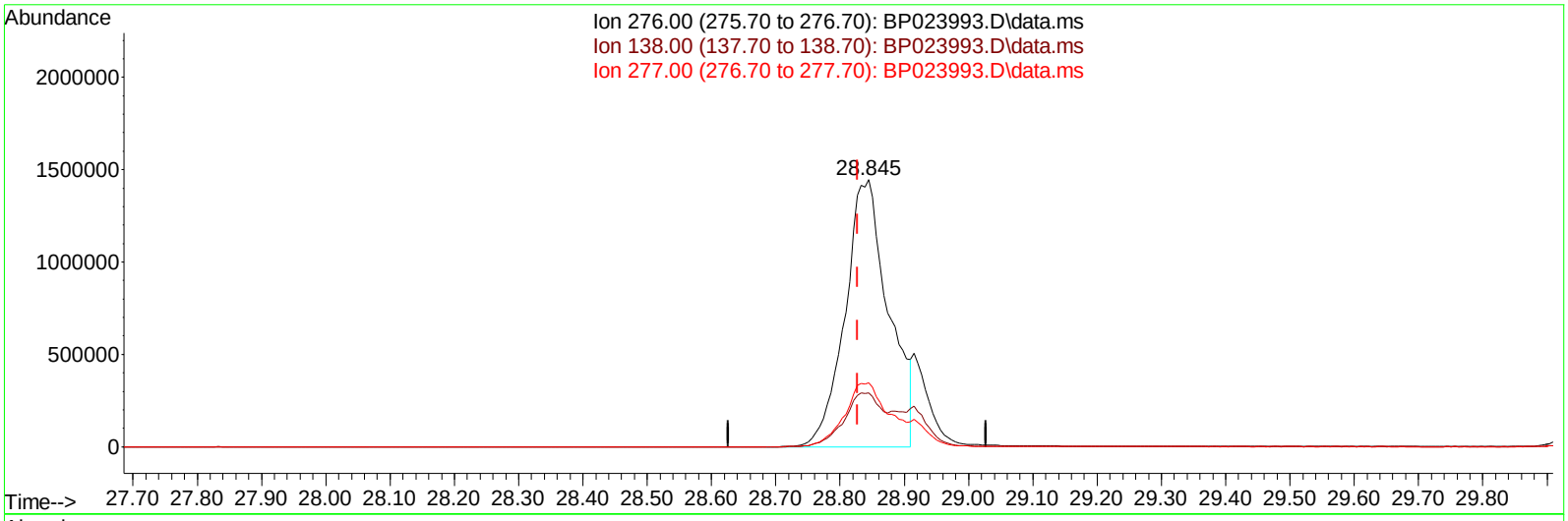
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023993.D
Acq On : 07 Feb 2025 06:52
Operator : RC/JU
Sample : PB166550BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

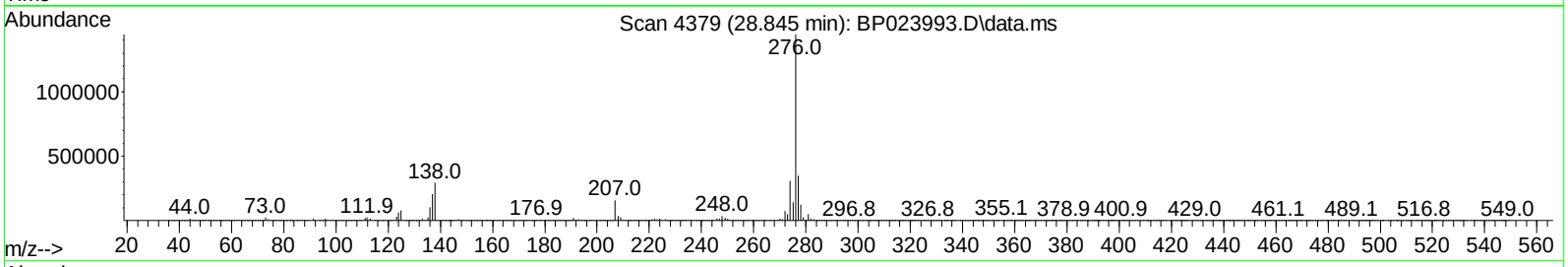
Quant Time: Feb 07 08:13:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

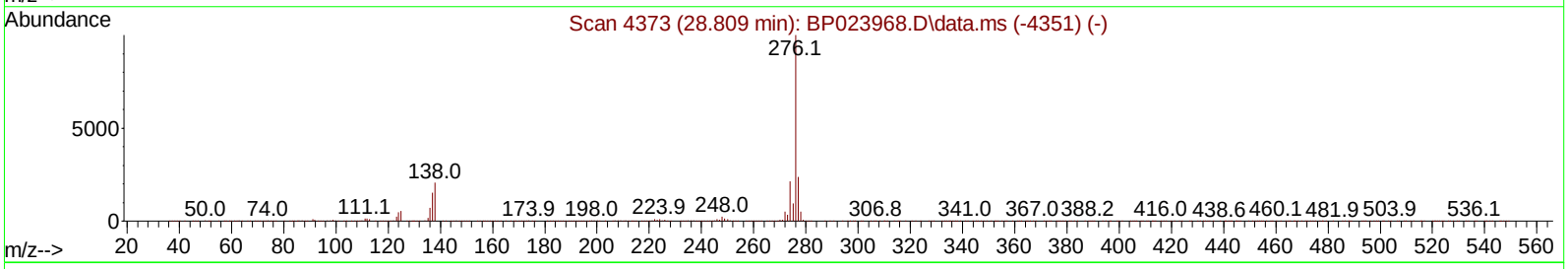
Instrument :
BNA_P
ClientSampleId :
SLCS550

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :Sohil Jodhani 02/10/2025







TIC: BP023993.D\data.ms

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

28.845min (+ 0.018) 34.56 ng/ul

response 6809639

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.21
277.00	23.70	23.96
0.00	0.00	0.00

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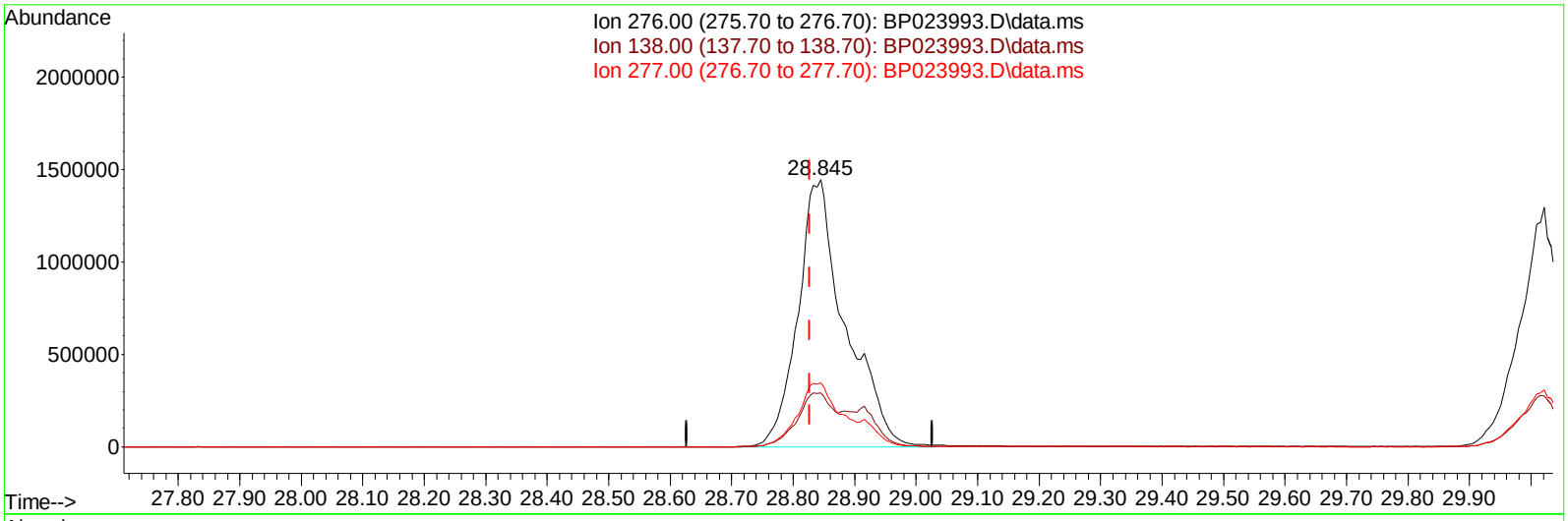

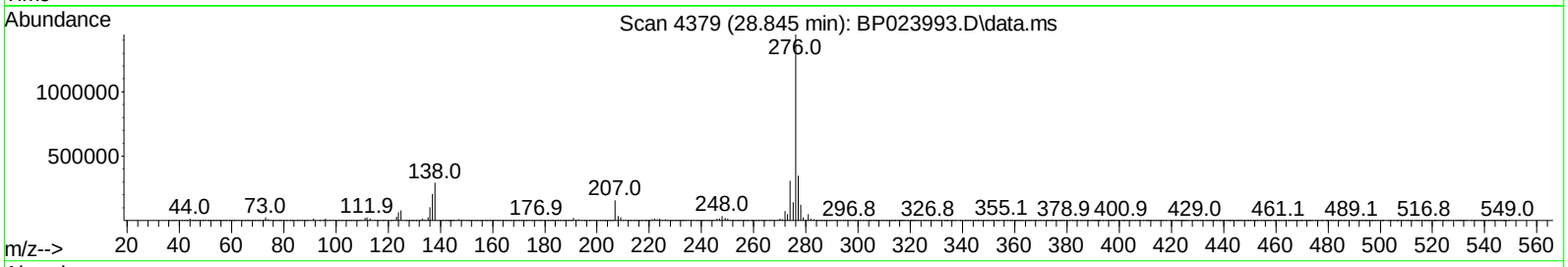

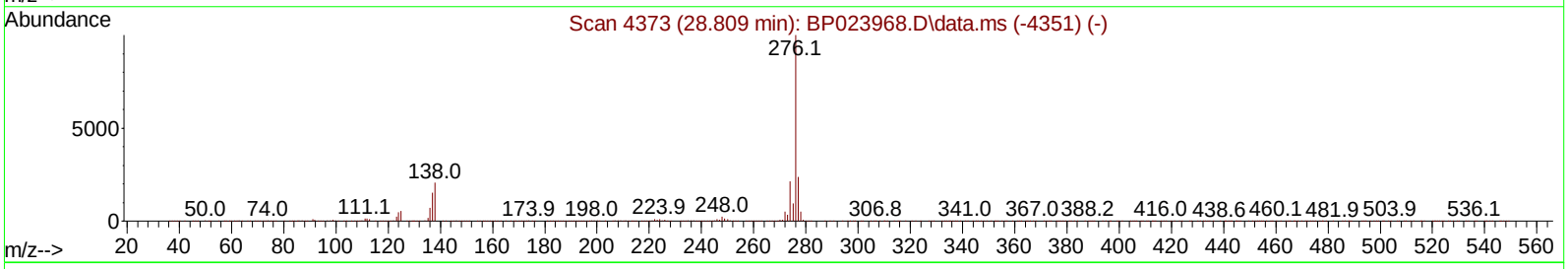

TIC: BP023993.D\data.ms

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

28.845min (+ 0.018) 39.20 ng/ul m

response 7723727

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.21
277.00	23.70	23.96
0.00	0.00	0.00

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	440131	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.540	136	1902079	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.387	164	1216735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	2436058	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	2585403	20.000	ng/ul	0.00
88) Perylene-d12	25.004	264	2682901	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	79611	7.515	ng/uL	0.00
4) Pyridine-d5	3.699	84	1208723	39.543	ng/ul	0.00
7) Phenol-d5	6.958	99	1649985	42.361	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	818417	39.696	ng/ul	0.00
11) 2-Chlorophenol-d4	7.311	132	1299337	42.480	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	1279300	40.207	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	607355	39.911	ng/ul	0.00
24) 2-Nitrophenol-d4	9.628	143	659172	40.143	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	1241968	41.230	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	1445150	32.079	ng/ul	0.00
46) Dimethylphthalate-d6	13.793	166	3401580	37.480	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	4071377	39.775	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	720353	39.967	ng/ul	0.00
60) Fluorene-d10	15.398	176	2999234	39.243	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	564302	37.549	ng/ul	0.00
73) Anthracene-d10	17.292	188	4753063	39.738	ng/ul	0.00
81) Pyrene-d10	19.663	212	5582333	40.297	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	5687351	40.629	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	161741	14.519	ng/uL	99
5) Pyridine	3.717	79	1196493	39.098	ng/ul	99
6) Benzaldehyde	6.916	77	210959	11.035	ng/ul	99
8) Phenol	6.981	94	1696953	42.429	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.193	93	1187489	39.004	ng/ul	100
12) 2-Chlorophenol	7.346	128	1335756	42.390	ng/ul	99
13) 2-Methylphenol	8.210	108	1218921	40.505	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.281	45	1216791	38.739	ng/ul	99
16) Acetophenone	8.581	105	1908899	39.245	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.569	70	884798	38.629	ng/ul	99
18) 4-Methylphenol	8.534	108	1362607	40.810	ng/ul	98
19) Hexachloroethane	8.840	117	480855	38.592	ng/ul	99
22) Nitrobenzene	8.952	77	1337017	40.485	ng/ul	99
23) Isophorone	9.481	82	2500501	37.499	ng/ul	99
25) 2-Nitrophenol	9.663	139	717038	40.035	ng/ul	99
26) 2,4-Dimethylphenol	9.728	107	1149044	34.662	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.952	93	1577068	37.969	ng/ul	99
29) 2,4-Dichlorophenol	10.199	162	1243156	40.696	ng/ul	99
30) Naphthalene	10.593	128	3985481	39.145	ng/ul	100
32) 4-Chloroaniline	10.699	127	1013134	23.830	ng/ul	100
33) Hexachlorobutadiene	10.875	225	687972	37.201	ng/ul	99
34) Caprolactam	11.481	113	403814	34.121	ng/ul	98
35) 4-Chloro-3-methylphenol	11.834	107	1300443	39.602	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.198	142	2726778	38.090	ng/ul	99
37) 1-Methylnaphthalene	12.416	142	2705183	38.092	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.569	216	1396413	38.821	ng/ul	100
40) Hexachlorocyclopentadiene	12.551	237	504486	24.889	ng/ul	99
41) 2,4,6-Trichlorophenol	12.816	196	913181	38.006	ng/ul	99
42) 2,4,5-Trichlorophenol	12.898	196	1019971	39.385	ng/ul	100
43) 1,1'-Biphenyl	13.216	154	3542312	39.221	ng/ul	99
44) 2-Chloronaphthalene	13.257	162	2789689	39.641	ng/ul	98
45) 2-Nitroaniline	13.463	65	760413	41.517	ng/ul	96
47) Dimethylphthalate	13.845	163	3406756	37.727	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	703362	39.857	ng/ul	99
50) Acenaphthylene	14.110	152	4345981	39.869	ng/ul	100
51) 3-Nitroaniline	14.293	138	784564	40.454	ng/ul	96
52) Acenaphthene	14.457	153	2977956	38.531	ng/ul	100
53) 2,4-Dinitrophenol	14.498	184	348823	33.156	ng/ul	98
55) 4-Nitrophenol	14.628	109	526651	41.302	ng/ul	97
56) Dibenzofuran	14.792	168	4162944	38.872	ng/ul	97
57) 2,4-Dinitrotoluene	14.757	165	1055054	40.195	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.028	232	796184	36.129	ng/ul	94
59) Diethylphthalate	15.228	149	3426305	37.872	ng/ul	99
61) Fluorene	15.457	166	3519408	39.614	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	1713705	38.967	ng/ul	99
63) 4-Nitroaniline	15.475	138	919202	48.715	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.528	198	614154	37.170	ng/ul	98
67) N-Nitrosodiphenylamine	15.669	169	2918249	39.251	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	1059112	38.536	ng/ul	99
69) Hexachlorobenzene	16.475	284	1273042	38.229	ng/ul	97
70) Atrazine	16.639	200	395185	13.726	ng/ul	98
71) Pentachlorophenol	16.834	266	727925	35.538	ng/ul	100
72) Phenanthrene	17.234	178	5498743	39.970	ng/ul	99
74) Anthracene	17.328	178	5515976	39.759	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.181	216	1367086	38.323	ng/uL	99
76) Pentachlorobenzene	14.716	250	1406279	36.582	ng/uL	99
77) Carbazole	17.610	167	5184672	42.657	ng/ul	99
78) Di-n-butylphthalate	18.192	149	5917918	39.339	ng/ul	99
80) Fluoranthene	19.316	202	6425491	40.268	ng/ul	98
82) Pyrene	19.692	202	6778213	40.621	ng/ul	97
83) Butylbenzylphthalate	20.639	149	2757015	38.367	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.527	252	1957804	35.000	ng/ul	99
85) Benzo(a)anthracene	21.616	228	6815609	40.090	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.557	149	3945109	37.628	ng/ul	99
87) Chrysene	21.680	228	6393058	40.811	ng/ul	98
89) Di-n-octyl phthalate	22.839	149	6421437	39.928	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	6513911	40.014	ng/ul	99
91) Benzo(k)fluoranthene	24.016	252	6810383	41.730	ng/ul	99
93) Benzo(a)pyrene	24.851	252	6190103	40.717	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.845	276	7723727m	39.195	ng/ul	
95) Dibenzo(a,h)anthracene	28.915	278	6346006	39.699	ng/ul	100
96) Benzo(g,h,i)perylene	30.021	276	5841810	38.703	ng/ul	99

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

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