Quantitation Report (Qedit)

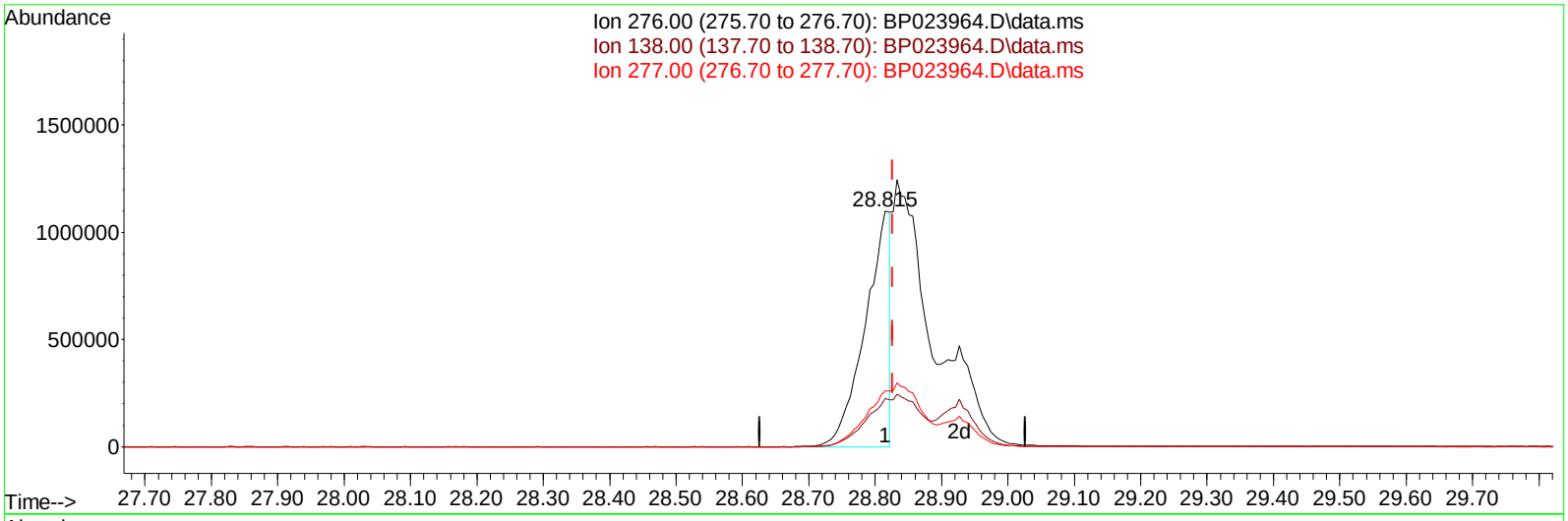
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023964.D
Acq On : 06 Feb 2025 10:36
Operator : RC/JU
Sample : Q1229-06MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

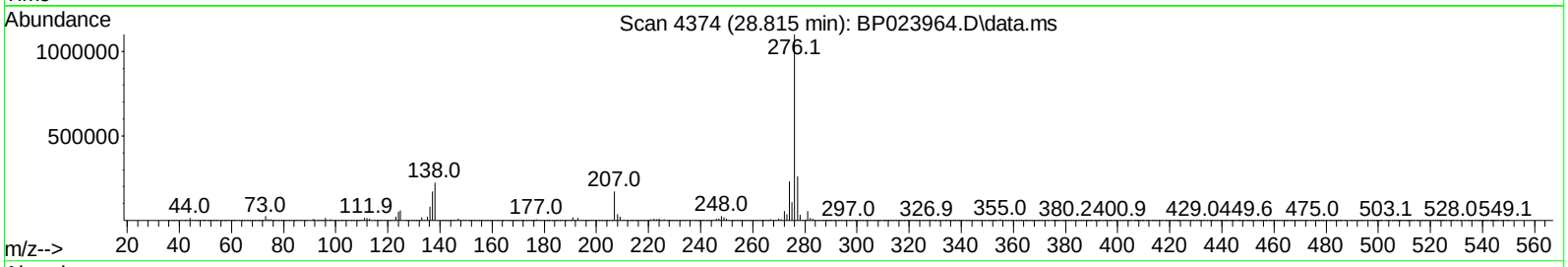
Quant Time: Feb 06 12:53:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

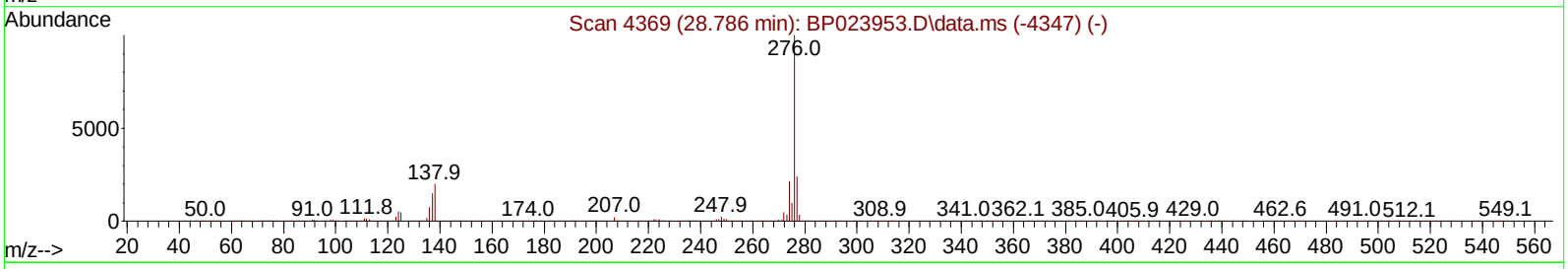
Instrument :
BNA_P
ClientSampleId :
E2993MSD

Manual IntegrationsAPPROVED

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







TIC: BP023964.D\data.ms

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

28.815min (-0.012) 13.34 ng/ul

response 2860269

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.38
277.00	23.70	23.78
0.00	0.00	0.00

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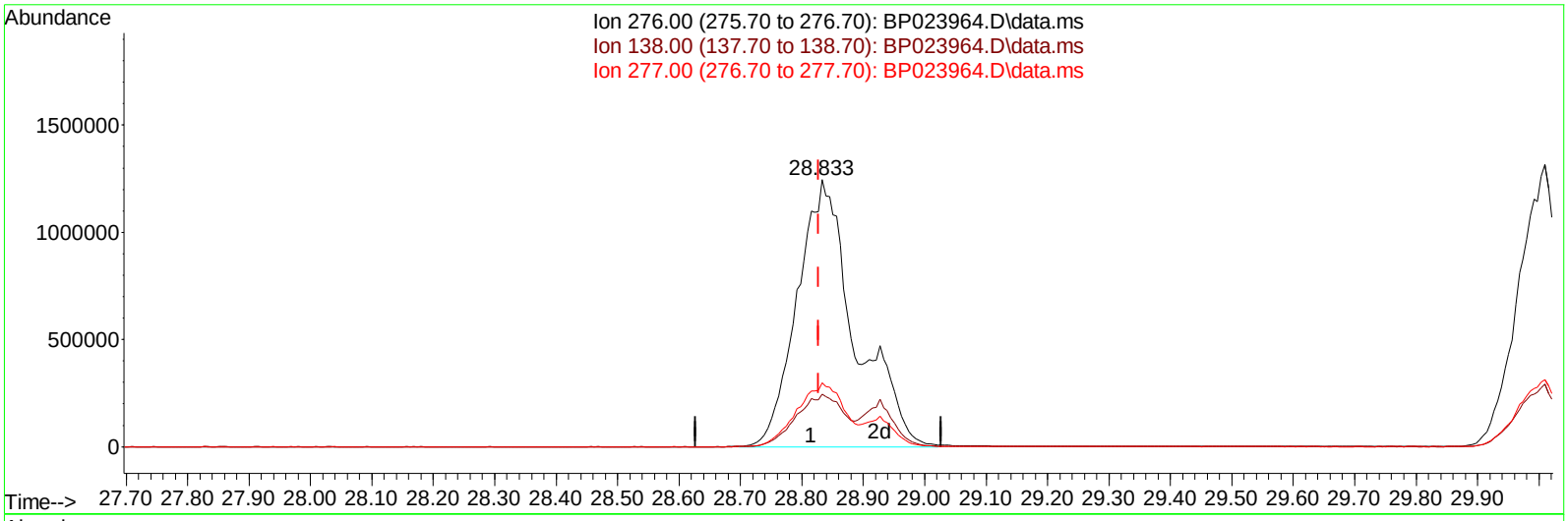

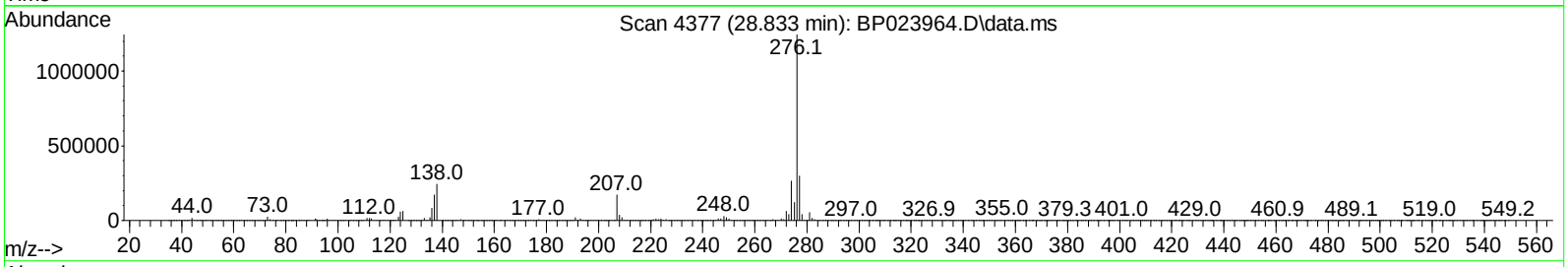

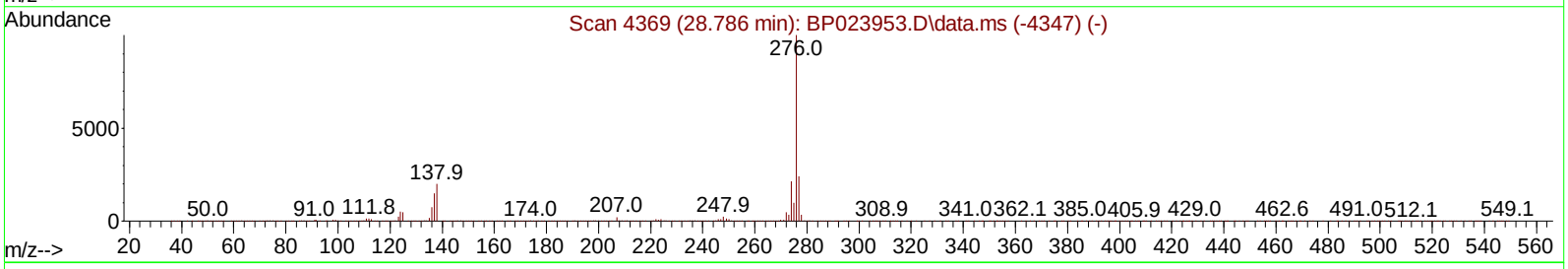

TIC: BP023964.D\data.ms

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

28.833min (+ 0.006) 37.94 ng/ul m

response 8133753

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.68
277.00	23.70	23.97
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	517756	20.000	ng/ul	0.00
20) Naphthalene-d8	10.540	136	2148647	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.387	164	1370558	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	2708567	20.000	ng/ul	0.02
79) Chrysene-d12	21.639	240	2809555	20.000	ng/ul	0.00
88) Perylene-d12	25.010	264	2918903	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	64860	5.205	ng/uL	0.00
4) Pyridine-d5	3.705	84	298659	8.306	ng/ul	0.00
7) Phenol-d5	6.958	99	446737	9.750	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	746758	30.790	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	1044569	29.031	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	787751	21.046	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	564426	32.834	ng/ul	0.00
24) 2-Nitrophenol-d4	9.628	143	624031	33.642	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	1118760	32.877	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	1358174	26.689	ng/ul	0.00
46) Dimethylphthalate-d6	13.793	166	3544514	34.672	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	3873715	33.597	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	219469	10.810	ng/ul	0.01
60) Fluorene-d10	15.398	176	3015467	35.027	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	639645	38.280	ng/ul	0.01
73) Anthracene-d10	17.292	188	4897444	36.825	ng/ul	0.00
81) Pyrene-d10	19.663	212	5743803	38.154	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.774	264	5873652	38.568	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	78077	5.958	ng/uL	98
5) Pyridine	3.728	79	332281	9.230	ng/ul	98
6) Benzaldehyde	6.922	77	514671	22.886	ng/ul	98
8) Phenol	6.987	94	487900	10.370	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.199	93	1102109	30.772	ng/ul	98
12) 2-Chlorophenol	7.346	128	1079428	29.120	ng/ul	100
13) 2-Methylphenol	8.216	108	873359	24.671	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.281	45	1119439	30.296	ng/ul	99
16) Acetophenone	8.581	105	1772696	30.981	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.569	70	823235	30.553	ng/ul	98
18) 4-Methylphenol	8.540	108	864910	22.021	ng/ul	99
19) Hexachloroethane	8.840	117	382858	26.120	ng/ul	100
22) Nitrobenzene	8.958	77	1218633	32.666	ng/ul	98
23) Isophorone	9.481	82	2419074	32.115	ng/ul	99
25) 2-Nitrophenol	9.663	139	681888	33.703	ng/ul	97
26) 2,4-Dimethylphenol	9.728	107	1013549	27.066	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.952	93	1491429	31.787	ng/ul	99
29) 2,4-Dichlorophenol	10.199	162	1124914	32.599	ng/ul	98
30) Naphthalene	10.593	128	3604231	31.338	ng/ul	100
32) 4-Chloroaniline	10.699	127	883815	18.403	ng/ul	100
33) Hexachlorobutadiene	10.881	225	629760	30.146	ng/ul	99
34) Caprolactam	11.481	113	68663	5.136	ng/ul	98
35) 4-Chloro-3-methylphenol	11.834	107	1170954	31.567	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.199	142	2590862	32.039	ng/ul	99
37) 1-Methylnaphthalene	12.416	142	2590996	32.297	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.569	216	1353874	33.414	ng/ul	99
40) Hexachlorocyclopentadiene	12.557	237	504674	22.104	ng/ul	99
41) 2,4,6-Trichlorophenol	12.816	196	944449	34.896	ng/ul	100
42) 2,4,5-Trichlorophenol	12.899	196	1033188	35.417	ng/ul	98
43) 1,1'-Biphenyl	13.216	154	3458943	33.999	ng/ul	99
44) 2-Chloronaphthalene	13.257	162	2691201	33.949	ng/ul	99
45) 2-Nitroaniline	13.457	65	745366	36.128	ng/ul	99
47) Dimethylphthalate	13.845	163	3572761	35.125	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	752318	37.846	ng/ul	99
50) Acenaphthylene	14.104	152	4169823	33.959	ng/ul	99
51) 3-Nitroaniline	14.293	138	775865	35.515	ng/ul	98
52) Acenaphthene	14.451	153	2958877	33.988	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	409368	34.544	ng/ul	96
55) 4-Nitrophenol	14.634	109	167251	11.644	ng/ul	98
56) Dibenzofuran	14.798	168	4139503	34.315	ng/ul	100
57) 2,4-Dinitrotoluene	14.757	165	1125521	38.067	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.028	232	898211	36.184	ng/ul	93
59) Diethylphthalate	15.234	149	3645765	35.775	ng/ul	99
61) Fluorene	15.457	166	3561018	35.584	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.451	204	1746492	35.255	ng/ul	98
63) 4-Nitroaniline	15.481	138	903211	42.495	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.540	198	696377	37.906	ng/ul#	95
67) N-Nitrosodiphenylamine	15.669	169	3022648	36.565	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	1133623	37.097	ng/ul	97
69) Hexachlorobenzene	16.487	284	1369415	36.985	ng/ul	98
70) Atrazine	16.645	200	1030657	32.197	ng/ul	98
71) Pentachlorophenol	16.845	266	759786	33.361	ng/ul	99
72) Phenanthrene	17.239	178	5662706	37.021	ng/ul	99
74) Anthracene	17.328	178	5709400	37.013	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.181	216	1350845	34.058	ng/uL	99
76) Pentachlorobenzene	14.710	250	1478842	34.599	ng/uL	100
77) Carbazole	17.616	167	5460912	40.409	ng/ul	99
78) Di-n-butylphthalate	18.204	149	6518989	38.975	ng/ul	99
80) Fluoranthene	19.316	202	6668542	38.457	ng/ul	100
82) Pyrene	19.692	202	7118638	39.257	ng/ul	98
83) Butylbenzylphthalate	20.645	149	3073728	39.362	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.539	252	2017888	33.196	ng/ul	99
85) Benzo(a)anthracene	21.616	228	6955851	37.650	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	4527758	39.739	ng/ul	99
87) Chrysene	21.686	228	6458945	37.942	ng/ul	98
89) Di-n-octyl phthalate	22.845	149	7382048	42.189	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	6823336	38.525	ng/ul	99
91) Benzo(k)fluoranthene	24.004	252	6868613	38.684	ng/ul	99
93) Benzo(a)pyrene	24.857	252	6375441	38.546	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.833	276	8133753m	37.939	ng/ul	
95) Dibenzo(a,h)anthracene	28.927	278	6617027	38.048	ng/ul	99
96) Benzo(g,h,i)perylene	30.009	276	6254616	38.088	ng/ul	100

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

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