Quantitation Report (Qedit)

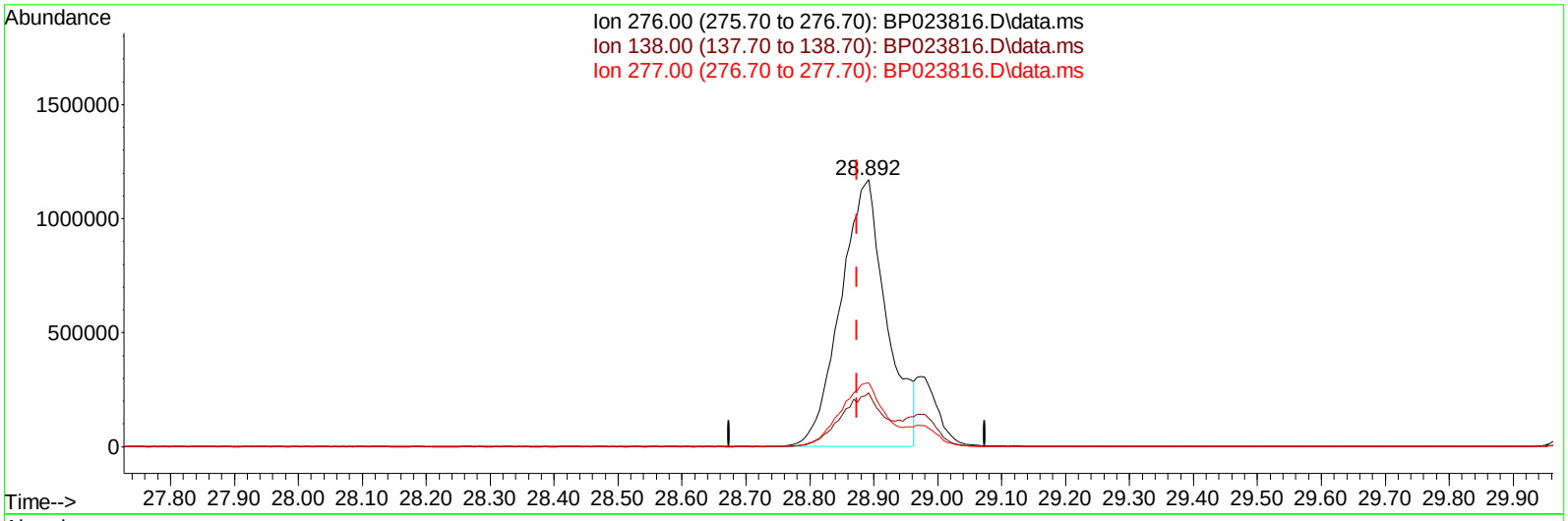
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
Data File : BP023816.D
Acq On : 31 Jan 2025 03:13
Operator : RC/JU
Sample : PB166367BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

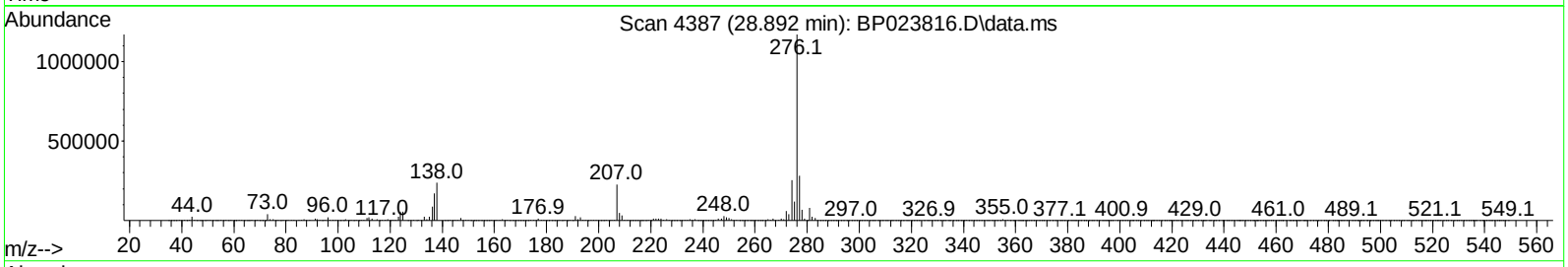
Quant Time: Jan 31 08:37:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 08:09:38 2025
Response via : Initial Calibration

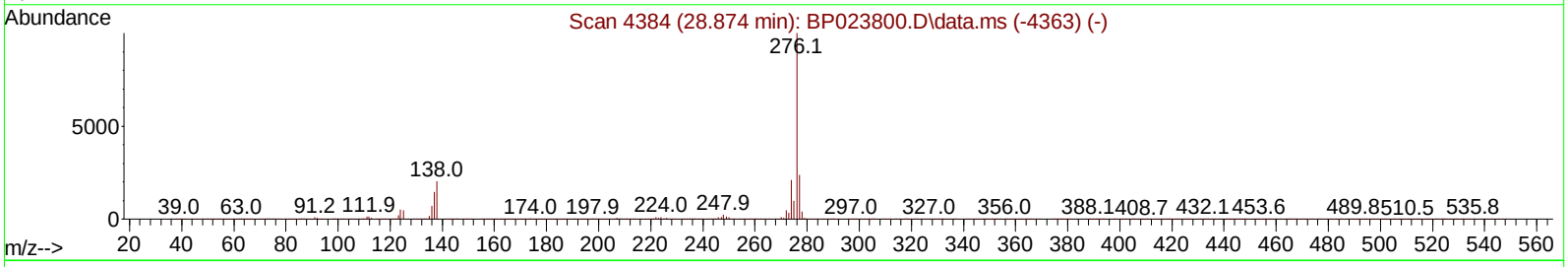
Instrument :
BNA_P
ClientSampleId :
SLCS367

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BP023816.D\data.ms

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

28.892min (+ 0.018) 22.26 ng/ul

response 5826598

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.24
277.00	23.70	23.99
0.00	0.00	0.00

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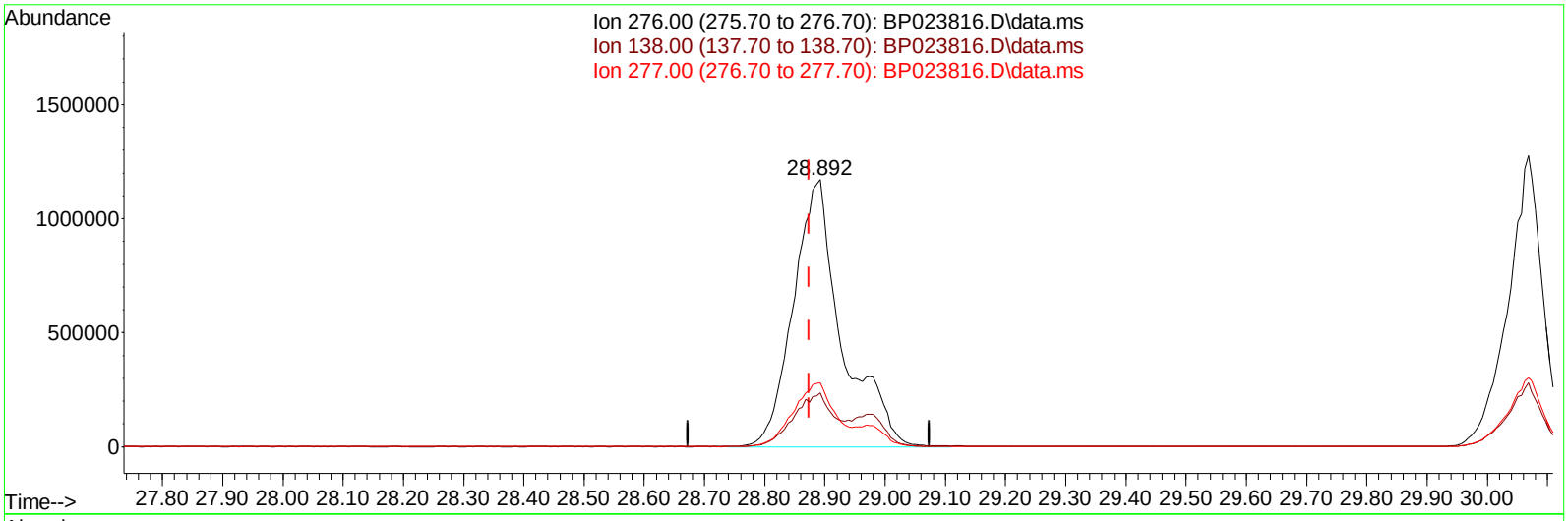

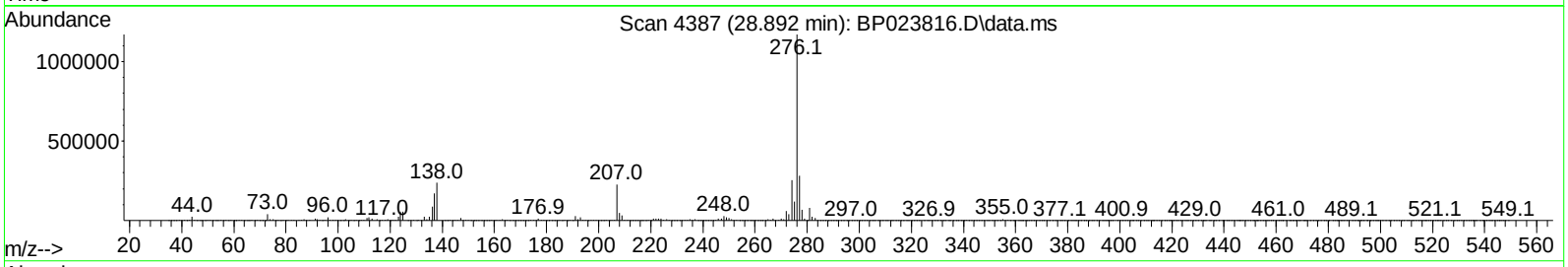

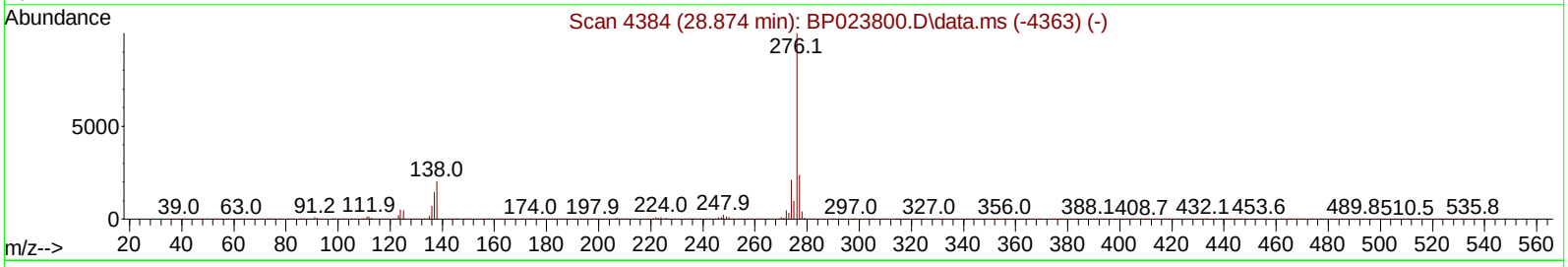

TIC: BP023816.D\data.ms

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

28.892min (+ 0.018) 25.09 ng/ul m

response 6565588

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.24
277.00	23.70	23.99
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	7.787	152	472523	20.000	ng/ul	0.02
20) Naphthalene-d8	10.563	136	2014609	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.410	164	1451673	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.204	188	3115285	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	3241768	20.000	ng/ul	0.00
88) Perylene-d12	25.021	264	3563232	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	53783	4.729	ng/uL	0.01
4) Pyridine-d5	3.711	84	843128	25.692	ng/ul	0.02
7) Phenol-d5	6.981	99	1162651	27.803	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	7.122	67	533484	24.102	ng/ul	0.02
11) 2-Chlorophenol-d4	7.334	132	931136	28.356	ng/ul	0.02
15) 4-Methylphenol-d8	8.499	113	954589	27.945	ng/ul	0.03
21) Nitrobenzene-d5	8.934	128	415222	25.761	ng/ul	0.02
24) 2-Nitrophenol-d4	9.646	143	462816	26.611	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.199	165	951629	29.827	ng/ul	0.02
31) 4-Chloroaniline-d4	10.693	131	1166275	24.443	ng/ul	0.01
46) Dimethylphthalate-d6	13.810	166	2785875	25.728	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	3096819	25.358	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	553530	25.741	ng/ul	0.01
60) Fluorene-d10	15.410	176	2378372	26.083	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	485283	25.250	ng/ul	0.00
73) Anthracene-d10	17.304	188	3854652	25.200	ng/ul	-0.01
81) Pyrene-d10	19.663	212	4470821	25.739	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.792	264	4783604	25.730	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	107747	9.009	ng/uL	98
5) Pyridine	3.734	79	848106	25.814	ng/ul	97
6) Benzaldehyde	6.934	77	184861	9.007	ng/ul	99
8) Phenol	7.005	94	1183429	27.561	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.211	93	782230	23.932	ng/ul	100
12) 2-Chlorophenol	7.369	128	946312	27.972	ng/ul	98
13) 2-Methylphenol	8.240	108	883129	27.335	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.299	45	804512	23.857	ng/ul	100
16) Acetophenone	8.599	105	1273179	24.381	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.587	70	605760	24.634	ng/ul	98
18) 4-Methylphenol	8.563	108	997114	27.817	ng/ul	100
19) Hexachloroethane	8.858	117	323346	24.172	ng/ul	98
22) Nitrobenzene	8.975	77	864180	24.706	ng/ul	99
23) Isophorone	9.505	82	1815034	25.699	ng/ul	99
25) 2-Nitrophenol	9.675	139	496983	26.198	ng/ul	99
26) 2,4-Dimethylphenol	9.752	107	1001008	28.510	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.969	93	1075735	24.452	ng/ul	100
29) 2,4-Dichlorophenol	10.222	162	935927	28.927	ng/ul	97
30) Naphthalene	10.610	128	2648504	24.560	ng/ul	100
32) 4-Chloroaniline	10.716	127	706230	15.684	ng/ul	99
33) Hexachlorobutadiene	10.899	225	480513	24.532	ng/ul	99
34) Caprolactam	11.504	113	344008	27.444	ng/ul	99
35) 4-Chloro-3-methylphenol	11.863	107	1017358	29.251	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.222	142	1898202	25.035	ng/ul	100
37) 1-Methylnaphthalene	12.440	142	1919176	25.515	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.587	216	1010575	23.548	ng/ul	100
40) Hexachlorocyclopentadiene	12.575	237	469342	19.408	ng/ul	99
41) 2,4,6-Trichlorophenol	12.834	196	759503	26.495	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	854565	27.657	ng/ul	99
43) 1,1'-Biphenyl	13.234	154	2538914	23.561	ng/ul	99
44) 2-Chloronaphthalene	13.275	162	2011235	23.954	ng/ul	99
45) 2-Nitroaniline	13.475	65	576351	26.375	ng/ul	96
47) Dimethylphthalate	13.857	163	2717540	25.224	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	557878	26.497	ng/ul	99
50) Acenaphthylene	14.128	152	3232645	24.856	ng/ul	99
51) 3-Nitroaniline	14.310	138	620252	26.806	ng/ul	98
52) Acenaphthene	14.469	153	2276476	24.688	ng/ul	100
53) 2,4-Dinitrophenol	14.510	184	303264	24.160	ng/ul	97
55) 4-Nitrophenol	14.651	109	389574	25.607	ng/ul	96
56) Dibenzofuran	14.810	168	3199797	25.043	ng/ul	99
57) 2,4-Dinitrotoluene	14.769	165	857379	27.377	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.045	232	696479	26.489	ng/ul	95
59) Diethylphthalate	15.240	149	2757162	25.543	ng/ul	99
61) Fluorene	15.463	166	2749956	25.944	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	1331855	25.383	ng/ul	99
63) 4-Nitroaniline	15.487	138	717190	31.857	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.540	198	517176	24.476	ng/ul	97
67) N-Nitrosodiphenylamine	15.681	169	2334117	24.550	ng/ul	100
68) 4-Bromophenyl-phenylether	16.375	248	882340	25.104	ng/ul	98
69) Hexachlorobenzene	16.487	284	1048436	24.619	ng/ul	100
70) Atrazine	16.663	200	877547	23.835	ng/ul	100
71) Pentachlorophenol	16.845	266	576088	21.993	ng/ul	99
72) Phenanthrene	17.245	178	4361202	24.790	ng/ul	100
74) Anthracene	17.339	178	4450597	25.085	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.198	216	1013615	22.219	ng/uL	99
76) Pentachlorobenzene	14.728	250	1127159	22.928	ng/uL	99
77) Carbazole	17.616	167	4205998	27.060	ng/ul	99
78) Di-n-butylphthalate	18.210	149	4934219	25.649	ng/ul	100
80) Fluoranthene	19.316	202	5126228	25.621	ng/ul	99
82) Pyrene	19.692	202	5454638	26.070	ng/ul	99
83) Butylbenzylphthalate	20.639	149	2273154	25.229	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.533	252	1794521	25.586	ng/ul	99
85) Benzo(a)anthracene	21.616	228	5309806	24.909	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.569	149	3248842	24.713	ng/ul	100
87) Chrysene	21.686	228	5056703	25.744	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	5514522	25.817	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	5260449	24.330	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	5365488	24.754	ng/ul	100
93) Benzo(a)pyrene	24.868	252	4980641	24.668	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.892	276	6565588m	25.087	ng/ul	
95) Dibenzo(a,h)anthracene	28.980	278	5335652	25.132	ng/ul	99
96) Benzo(g,h,i)perylene	30.068	276	5111079	25.496	ng/ul	100

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

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