Quantitation Report (Qedit)

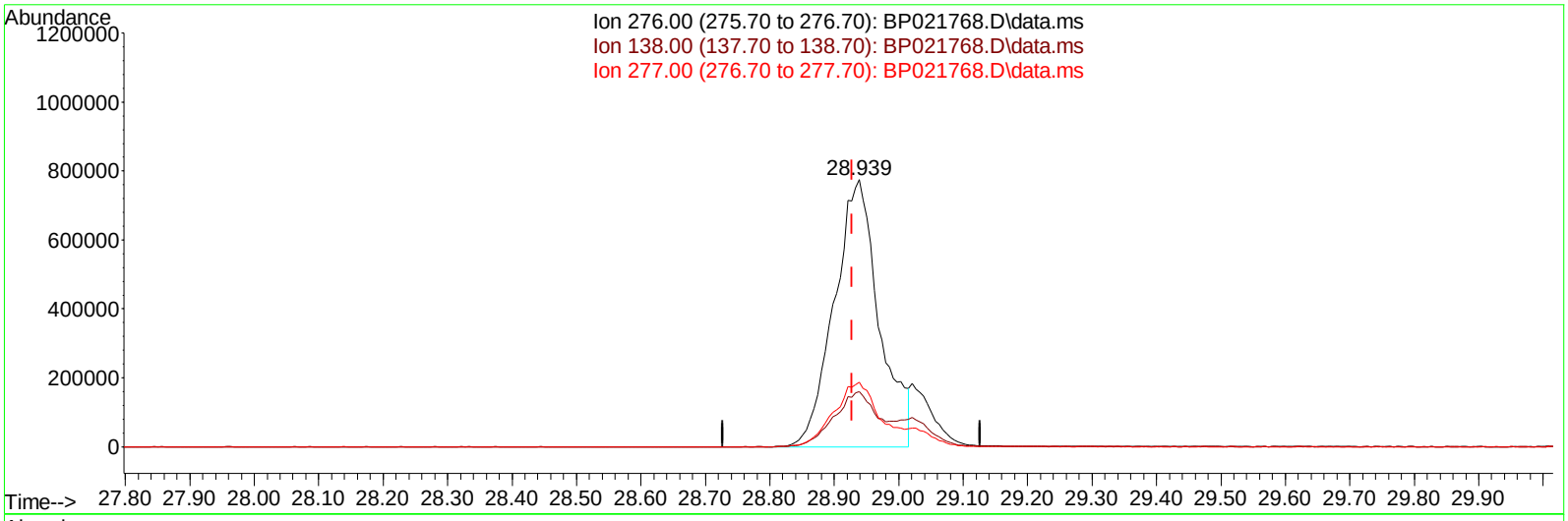
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
Data File : BP021768.D
Acq On : 31 Aug 2024 01:43
Operator : RC/JU
Sample : PB163036BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

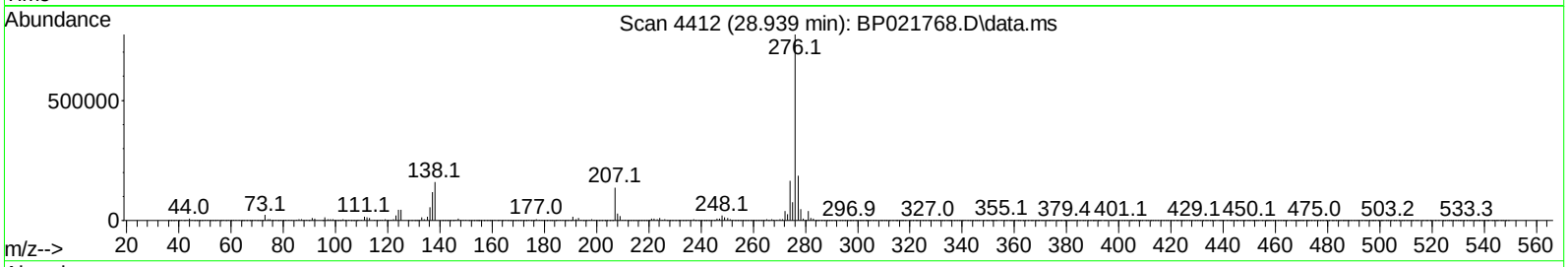
Quant Time: Aug 31 02:11:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

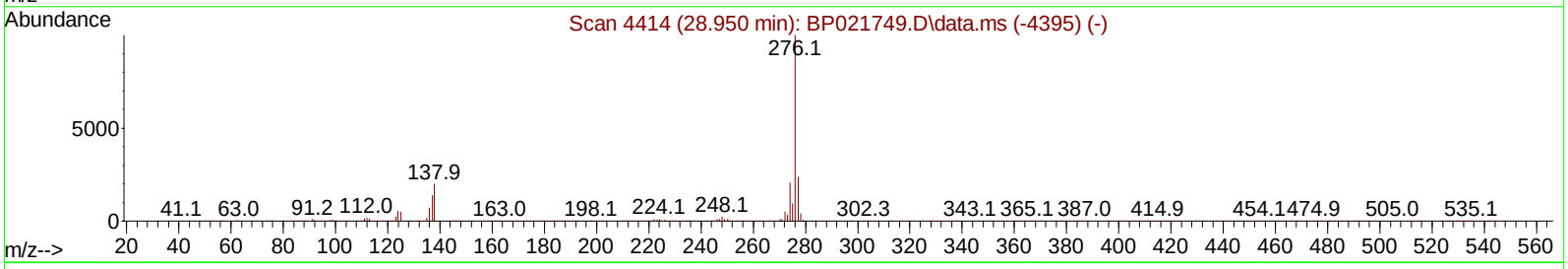
Instrument :
BNA_P
ClientSampleId :
SLCS036

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/03/2024







TIC: BP021768.D\data.ms

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

28.939min (+ 0.012) 25.99 ng/ul

response 3763623

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	20.73
277.00	23.80	24.07
0.00	0.00	0.00

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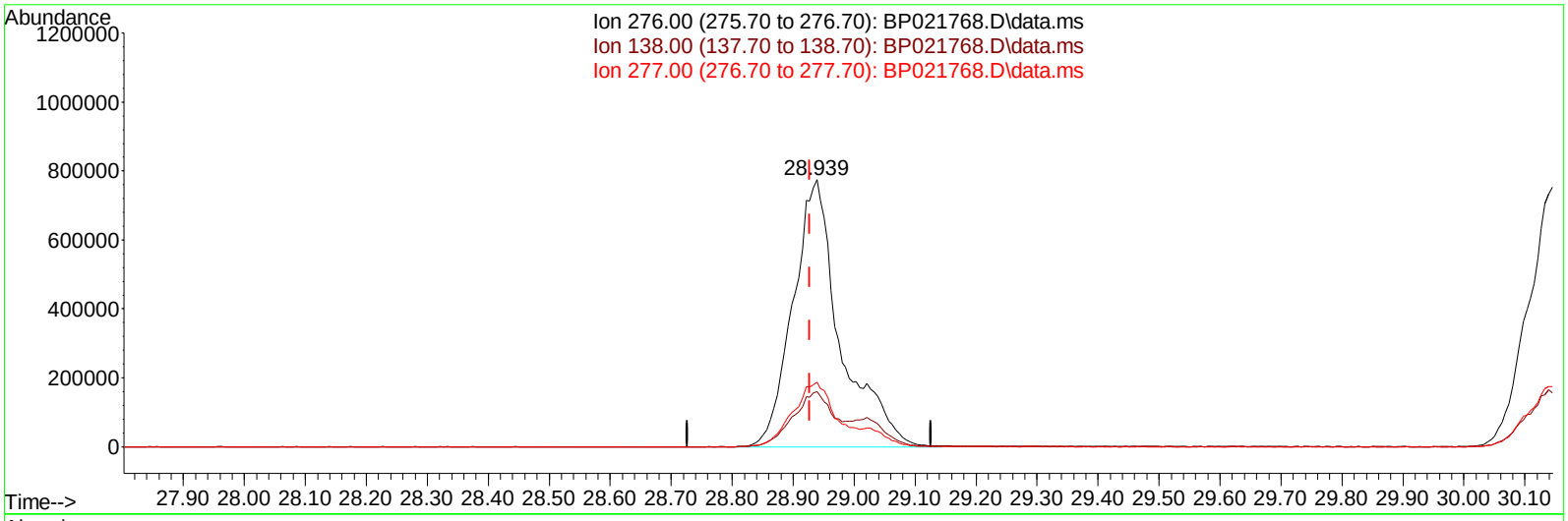

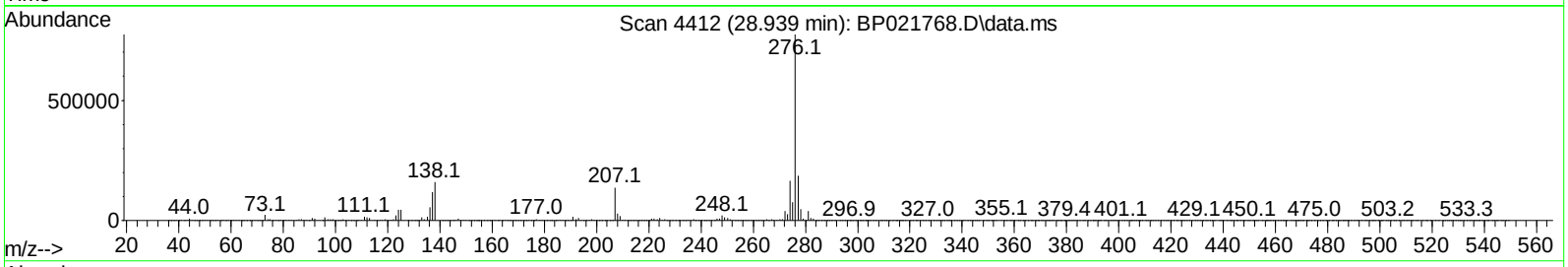

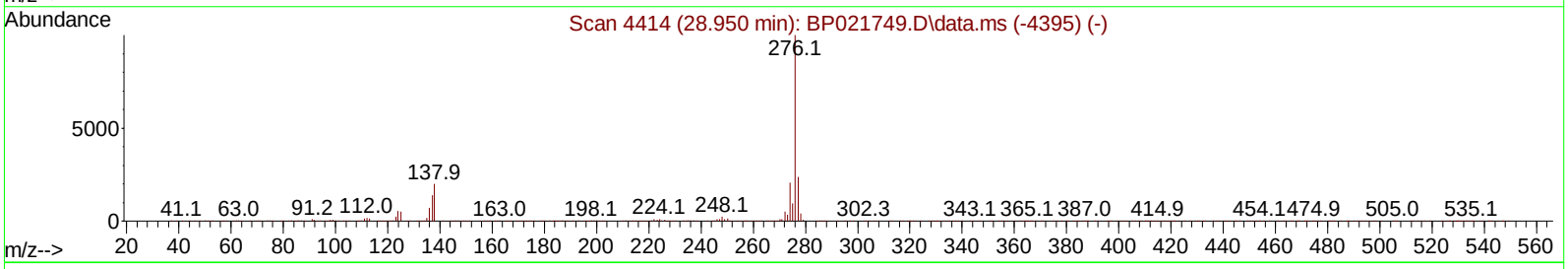

TIC: BP021768.D\data.ms

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

28.939min (+ 0.012) 28.93 ng/ul m

response 4189703

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	20.73
277.00	23.80	24.07
0.00	0.00	0.00

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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	7.787	152	334665	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1366596	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	880244	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1787731	20.000	ng/ul	0.00
79) Chrysene-d12	21.686	240	1531373	20.000	ng/ul	0.02
88) Perylene-d12	25.086	264	1948502	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	59690	5.921	ng/uL	0.00
4) Pyridine-d5	3.681	84	727763	24.960	ng/ul	0.00
7) Phenol-d5	6.958	99	959130	26.855	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.117	67	511269	26.304	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	622653	27.003	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	722018	26.161	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	313238	28.490	ng/ul	0.00
24) 2-Nitrophenol-d4	9.658	143	326142	29.223	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	614911	27.960	ng/ul	0.00
31) 4-Chloroaniline-d4	10.705	131	756002	23.628	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	1828281	27.144	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	2122632	28.070	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	345739	26.981	ng/ul	0.00
60) Fluorene-d10	15.440	176	1581996	27.938	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	258188	26.258	ng/ul	0.00
73) Anthracene-d10	17.334	188	2315940	27.297	ng/ul	0.00
81) Pyrene-d10	19.710	212	2602619	29.731	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.857	264	2898262	27.895	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	104053	9.712	ng/uL	94
5) Pyridine	3.705	79	726783	24.945	ng/ul	98
6) Benzaldehyde	6.928	77	417966	22.880	ng/ul	99
8) Phenol	6.981	94	985053	26.451	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.205	93	764476	26.409	ng/ul	99
12) 2-Chlorophenol	7.352	128	669252	27.653	ng/ul	97
13) 2-Methylphenol	8.222	108	700623	26.079	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.305	45	738603	26.435	ng/ul	98
16) Acetophenone	8.599	105	1157666	26.165	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.587	70	535919	25.667	ng/ul	98
18) 4-Methylphenol	8.552	108	769302	26.156	ng/ul	99
19) Hexachloroethane	8.863	117	297328	27.476	ng/ul	99
22) Nitrobenzene	8.975	77	855033	27.889	ng/ul	99
23) Isophorone	9.505	82	1631233	26.515	ng/ul	99
25) 2-Nitrophenol	9.687	139	355596	28.758	ng/ul	99
26) 2,4-Dimethylphenol	9.746	107	665308	21.922	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.981	93	1035276	26.833	ng/ul	99
29) 2,4-Dichlorophenol	10.222	162	605025	27.377	ng/ul	99
30) Naphthalene	10.622	128	2087101	27.098	ng/ul	100
32) 4-Chloroaniline	10.728	127	702685	21.753	ng/ul	99
33) Hexachlorobutadiene	10.910	225	393270	26.522	ng/ul	99
34) Caprolactam	11.510	113	234090	25.049	ng/ul	96
35) 4-Chloro-3-methylphenol	11.863	107	826069	28.241	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.234	142	1394464	26.767	ng/ul	99
37) 1-Methylnaphthalene	12.457	142	1389321	26.514	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	759969	27.393	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	339975	21.356	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	434057	24.300	ng/ul	100
42) 2,4,5-Trichlorophenol	12.922	196	496460	25.739	ng/ul	97
43) 1,1'-Biphenyl	13.251	154	1820942	27.343	ng/ul	98
44) 2-Chloronaphthalene	13.293	162	1451859	27.804	ng/ul	100
45) 2-Nitroaniline	13.499	65	494005	30.199	ng/ul	98
47) Dimethylphthalate	13.875	163	1846621	27.381	ng/ul	98
48) 2,6-Dinitrotoluene	13.993	165	372083	29.915	ng/ul	98
50) Acenaphthylene	14.146	152	2364924	29.078	ng/ul	100
51) 3-Nitroaniline	14.328	138	392236	28.858	ng/ul	100
52) Acenaphthene	14.498	153	1548520	27.075	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	177424	23.827	ng/ul	98
55) 4-Nitrophenol	14.651	109	325494	27.742	ng/ul	95
56) Dibenzofuran	14.834	168	2152671	27.206	ng/ul	98
57) 2,4-Dinitrotoluene	14.793	165	536554	28.707	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.063	232	356142	21.432	ng/ul	94
59) Diethylphthalate	15.263	149	1845149	27.245	ng/ul	98
61) Fluorene	15.498	166	1754602	27.416	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.493	204	870755	27.077	ng/ul	100
63) 4-Nitroaniline	15.510	138	403102	30.686	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.569	198	282159	25.654	ng/ul	96
67) N-Nitrosodiphenylamine	15.704	169	1499419	28.511	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	553646	28.053	ng/ul	97
69) Hexachlorobenzene	16.522	284	639110	27.278	ng/ul	96
70) Atrazine	16.681	200	19549	0.980	ng/ul	92
71) Pentachlorophenol	16.875	266	279506	18.640	ng/ul	99
72) Phenanthrene	17.275	178	2764570	28.168	ng/ul	99
74) Anthracene	17.369	178	2718885	27.344	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	755806	28.436	ng/uL	98
76) Pentachlorobenzene	14.751	250	738307	26.800	ng/uL	99
77) Carbazole	17.651	167	2497082	27.922	ng/ul	100
78) Di-n-butylphthalate	18.245	149	3013625	27.685	ng/ul	100
80) Fluoranthene	19.363	202	3105918	30.404	ng/ul	99
82) Pyrene	19.739	202	3211238	29.681	ng/ul	98
83) Butylbenzylphthalate	20.692	149	1253739	28.303	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.586	252	968734	25.102	ng/ul	99
85) Benzo(a)anthracene	21.669	228	3114189	28.588	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.610	149	1768068	27.043	ng/ul	99
87) Chrysene	21.733	228	2915494	28.439	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	3054642	24.766	ng/ul	100
90) Benzo(b)fluoranthene	23.998	252	3442881	28.239	ng/ul	99
91) Benzo(k)fluoranthene	24.080	252	3386499	28.373	ng/ul	99
93) Benzo(a)pyrene	24.921	252	3127126	27.840	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.939	276	4189703m	28.929	ng/ul	
95) Dibenzo(a,h)anthracene	29.021	278	3404841	29.256	ng/ul	99
96) Benzo(g,h,i)perylene	30.145	276	3402916	30.410	ng/ul	98

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

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