Quantitation Report (Qedit)

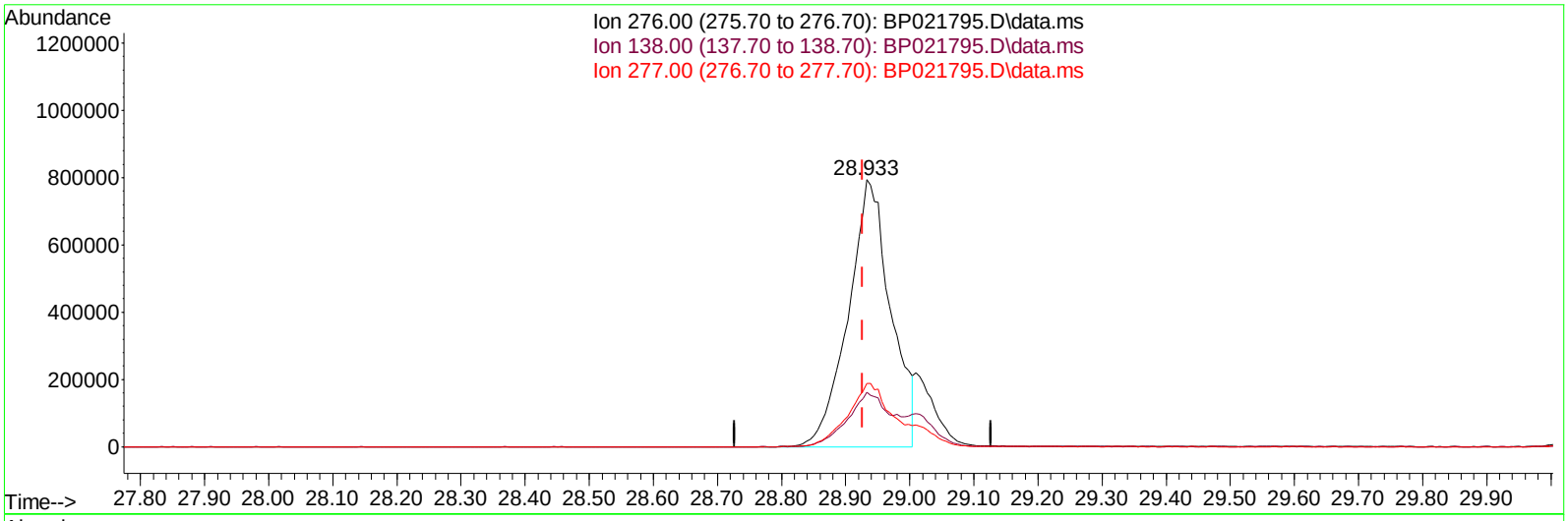
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021795.D
Acq On : 03 Sep 2024 19:56
Operator : RC/JU
Sample : P3722-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

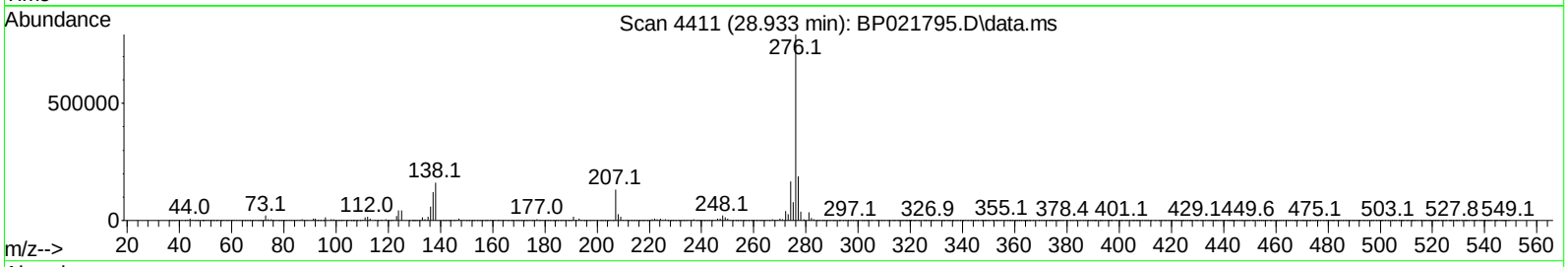
Quant Time: Sep 04 04:02:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

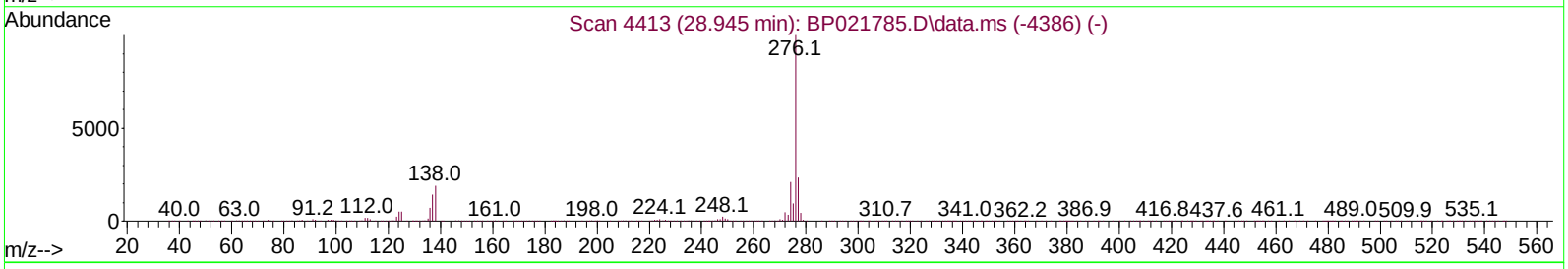
Instrument :
BNA_P
ClientSampleId :
DCYD5MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024







TIC: BP021795.D\data.ms

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

28.933min (+ 0.006) 30.41 ng/ul

response 3638428

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	20.42
277.00	23.80	23.82
0.00	0.00	0.00

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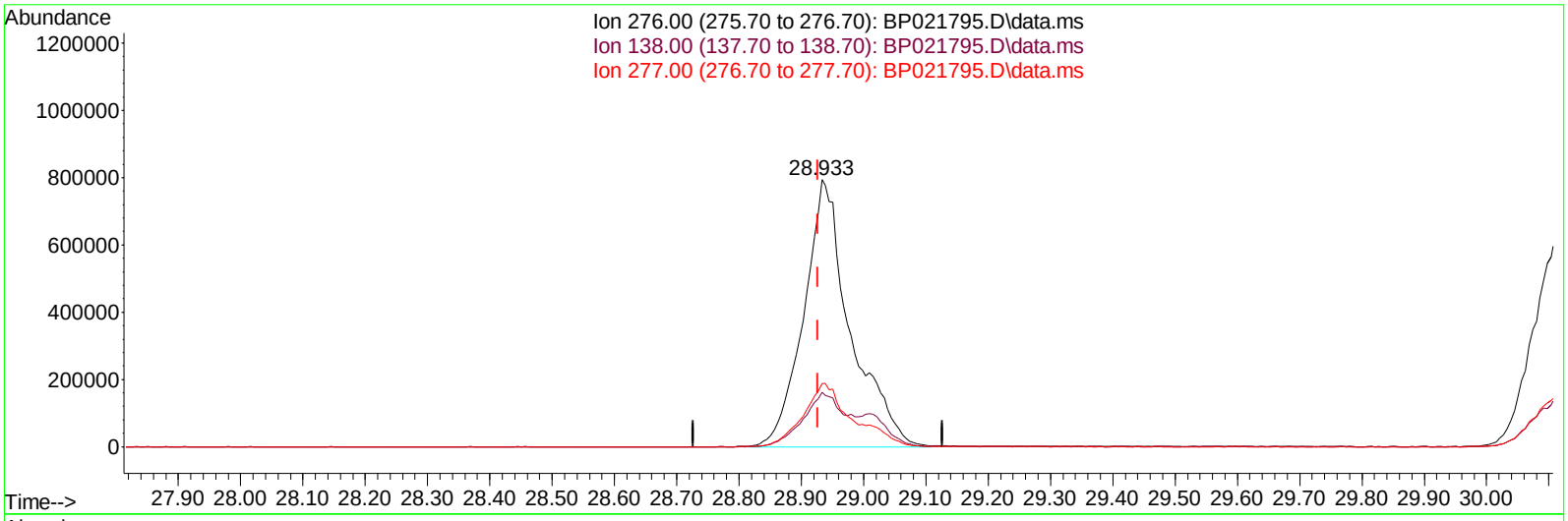

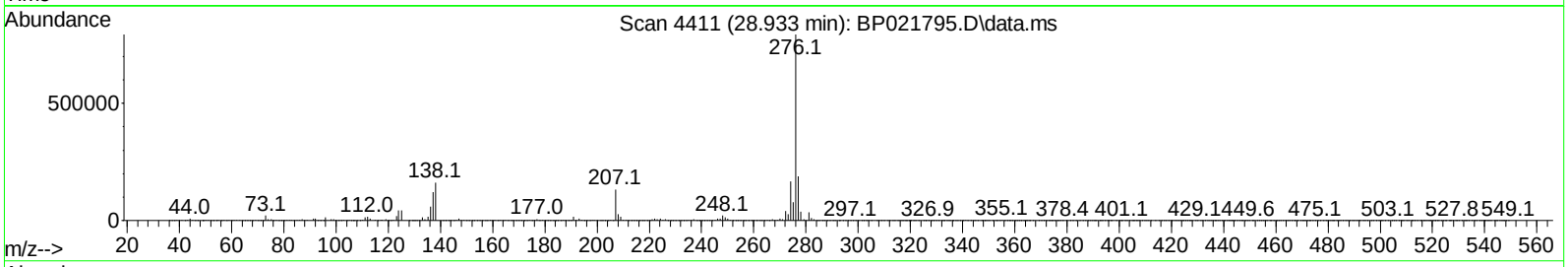

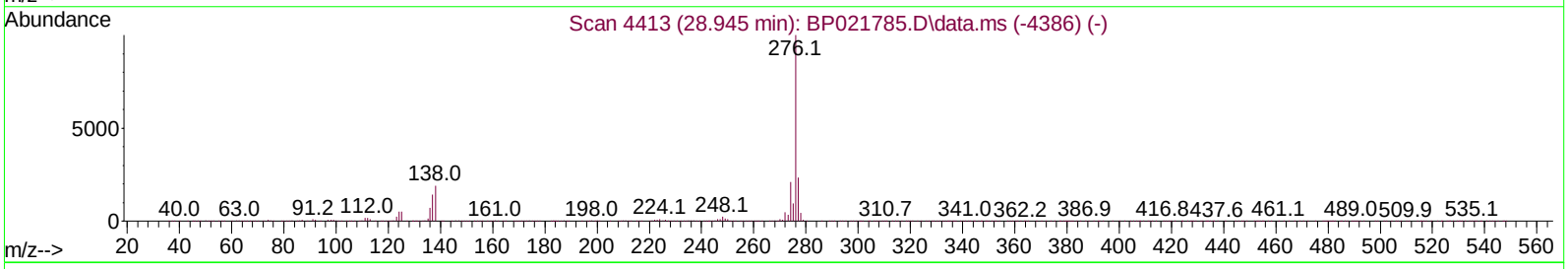

TIC: BP021795.D\data.ms

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

28.933min (+ 0.006) 34.40 ng/ul m

response 4115908

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	20.42
277.00	23.80	23.82
0.00	0.00	0.00

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Operator : RC/JU
Sample : P3722-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 04 04:50:56 2024
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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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	7.781	152	264923	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1082961	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	679116	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1459560	20.000	ng/ul	0.00
79) Chrysene-d12	21.669	240	1427404	20.000	ng/ul	0.00
88) Perylene-d12	25.074	264	1609699	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	35675	4.471	ng/uL	0.00
4) Pyridine-d5	3.687	84	520856	22.567	ng/ul	0.00
7) Phenol-d5	6.952	99	735850	26.027	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	407581	26.490	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	482029	26.408	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	573243	26.239	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	241403	27.707	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	246861	27.913	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	488574	28.033	ng/ul	0.00
31) 4-Chloroaniline-d4	10.699	131	653669	25.780	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	1533819	29.517	ng/ul	-0.02
49) Acenaphthylene-d8	14.110	160	1681821	28.827	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.628	143	285562	28.885	ng/ul	0.00
60) Fluorene-d10	15.428	176	1285746	29.431	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.545	200	221688	27.615	ng/ul	-0.01
73) Anthracene-d10	17.322	188	2024626	29.228	ng/ul	-0.02
81) Pyrene-d10	19.692	212	2488398	30.496	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.827	264	2659556	30.985	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	102666	12.106	ng/uL#	92
5) Pyridine	3.705	79	690398	29.934	ng/ul	98
6) Benzaldehyde	6.928	77	514028	35.546	ng/ul	98
8) Phenol	6.981	94	945621	32.077	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.205	93	748815	32.678	ng/ul	98
12) 2-Chlorophenol	7.352	128	635428	33.167	ng/ul	99
13) 2-Methylphenol	8.222	108	678950	31.925	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.299	45	731801	33.087	ng/ul	99
16) Acetophenone	8.593	105	1129662	32.253	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.581	70	518499	31.370	ng/ul	98
18) 4-Methylphenol	8.546	108	752134	32.304	ng/ul	98
19) Hexachloroethane	8.858	117	284954	33.265	ng/ul	94
22) Nitrobenzene	8.969	77	816382	33.603	ng/ul	99
23) Isophorone	9.499	82	1562315	32.046	ng/ul	99
25) 2-Nitrophenol	9.681	139	339010	34.597	ng/ul	97
26) 2,4-Dimethylphenol	9.746	107	760952	31.640	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.975	93	1004626	32.858	ng/ul	98
29) 2,4-Dichlorophenol	10.216	162	588880	33.625	ng/ul	98
30) Naphthalene	10.616	128	2012589	32.974	ng/ul	99
32) 4-Chloroaniline	10.722	127	787487	30.763	ng/ul	97
33) Hexachlorobutadiene	10.910	225	387850	33.007	ng/ul	99
34) Caprolactam	11.499	113	249252	33.657	ng/ul	95
35) 4-Chloro-3-methylphenol	11.857	107	785754	33.899	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.228	142	1362976	33.015	ng/ul	99
37) 1-Methylnaphthalene	12.446	142	1345159	32.395	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.599	216	732356	34.216	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	364218	29.655	ng/ul	98
41) 2,4,6-Trichlorophenol	12.840	196	482187	34.989	ng/ul	98
42) 2,4,5-Trichlorophenol	12.916	196	517153	34.753	ng/ul	99
43) 1,1'-Biphenyl	13.246	154	1759081	34.237	ng/ul	98
44) 2-Chloronaphthalene	13.287	162	1372930	34.080	ng/ul	99
45) 2-Nitroaniline	13.487	65	459384	36.400	ng/ul	97
47) Dimethylphthalate	13.875	163	1757445	33.776	ng/ul	99
48) 2,6-Dinitrotoluene	13.993	165	348845	36.353	ng/ul	98
50) Acenaphthylene	14.140	152	2152042	34.298	ng/ul	99
51) 3-Nitroaniline	14.322	138	361309	34.455	ng/ul	98
52) Acenaphthene	14.487	153	1500564	34.007	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	180492	31.417	ng/ul	98
55) 4-Nitrophenol	14.640	109	327412	36.169	ng/ul	96
56) Dibenzofuran	14.828	168	2095464	34.326	ng/ul	99
57) 2,4-Dinitrotoluene	14.787	165	525097	36.414	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.057	232	443621	34.602	ng/ul	95
59) Diethylphthalate	15.257	149	1810848	34.657	ng/ul	99
61) Fluorene	15.487	166	1678890	34.002	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.481	204	834008	33.615	ng/ul	99
63) 4-Nitroaniline	15.498	138	371859	36.691	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.557	198	294236	32.767	ng/ul	97
67) N-Nitrosodiphenylamine	15.698	169	1466327	34.151	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	538159	33.399	ng/ul	98
69) Hexachlorobenzene	16.510	284	625941	32.723	ng/ul	97
70) Atrazine	16.675	200	567146	34.822	ng/ul	99
71) Pentachlorophenol	16.863	266	398202	32.527	ng/ul	97
72) Phenanthrene	17.263	178	2745203	34.259	ng/ul	99
74) Anthracene	17.357	178	2722426	33.536	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	721408	33.245	ng/uL	99
76) Pentachlorobenzene	14.751	250	722240	32.111	ng/uL	99
77) Carbazole	17.634	167	2584930	35.404	ng/ul	100
78) Di-n-butylphthalate	18.228	149	3298287	37.112	ng/ul	100
80) Fluoranthene	19.345	202	3360658	35.294	ng/ul	99
82) Pyrene	19.722	202	3536972	35.073	ng/ul	99
83) Butylbenzylphthalate	20.669	149	1519785	36.808	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.569	252	1012847	28.157	ng/ul	99
85) Benzo(a)anthracene	21.651	228	3484587	34.318	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	2267328	37.205	ng/ul	99
87) Chrysene	21.716	228	3254713	34.060	ng/ul	100
89) Di-n-octyl phthalate	22.886	149	3808145	37.374	ng/ul	100
90) Benzo(b)fluoranthene	23.992	252	3561708	35.362	ng/ul	98
91) Benzo(k)fluoranthene	24.057	252	3539611	35.897	ng/ul	99
93) Benzo(a)pyrene	24.910	252	3291060	35.467	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.933	276	4115908m	34.401	ng/ul	
95) Dibenzo(a,h)anthracene	29.009	278	3319406	34.526	ng/ul	99
96) Benzo(g,h,i)perylene	30.109	276	3222103	34.855	ng/ul	98

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

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