Quantitation Report (Qedit)

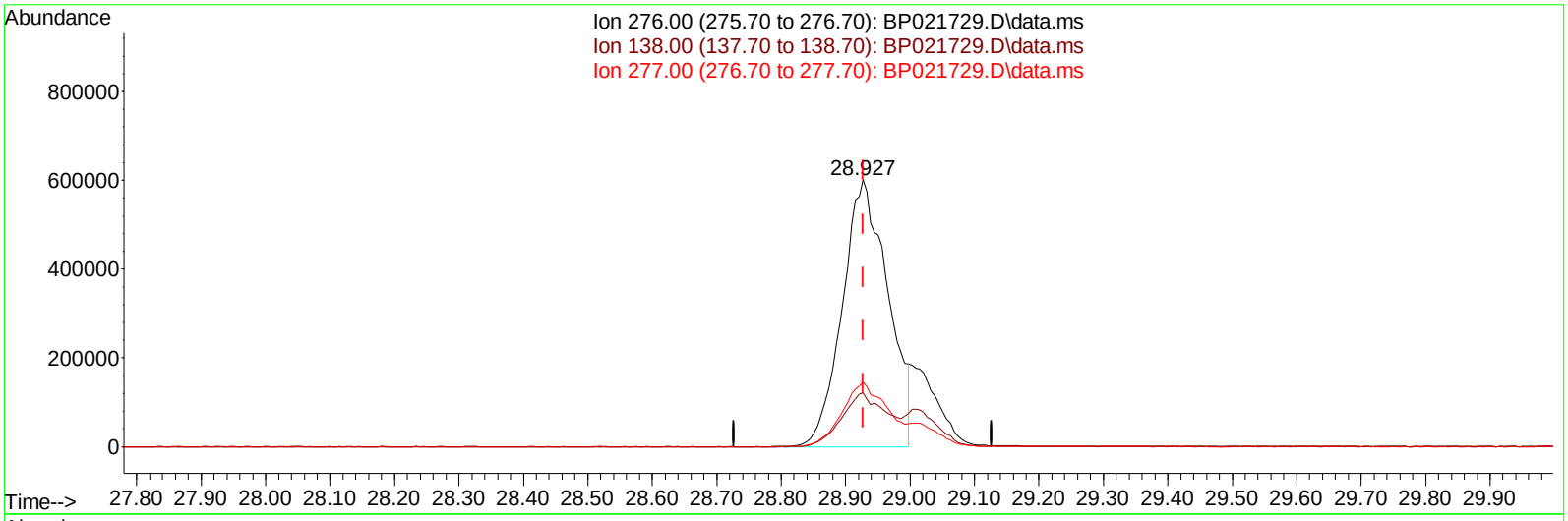
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021729.D
Acq On : 29 Aug 2024 20:24
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

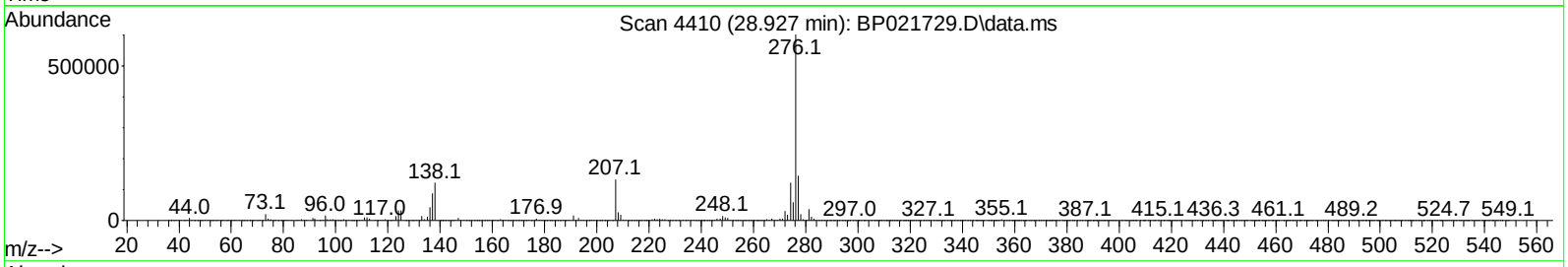
Quant Time: Aug 29 23:58:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

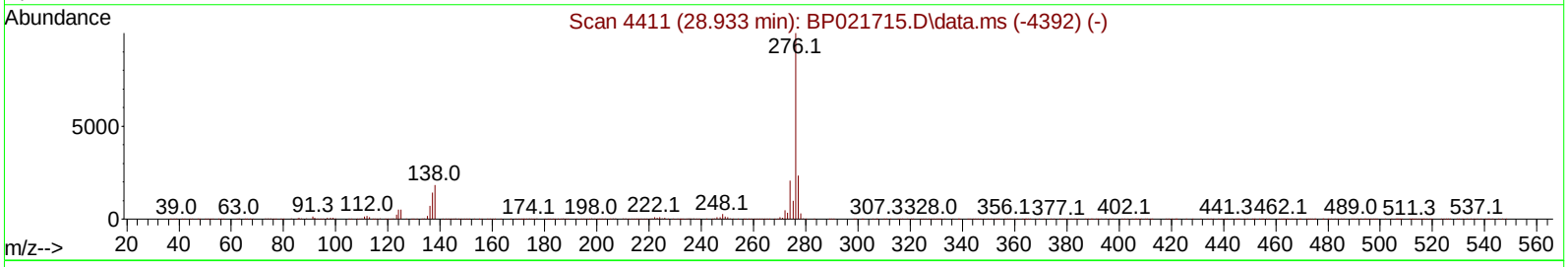
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024







TIC: BP021729.D\data.ms

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

28.927min (0.000) 16.99 ng/ul

response 2968334

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	20.28
277.00	23.80	24.22
0.00	0.00	0.00

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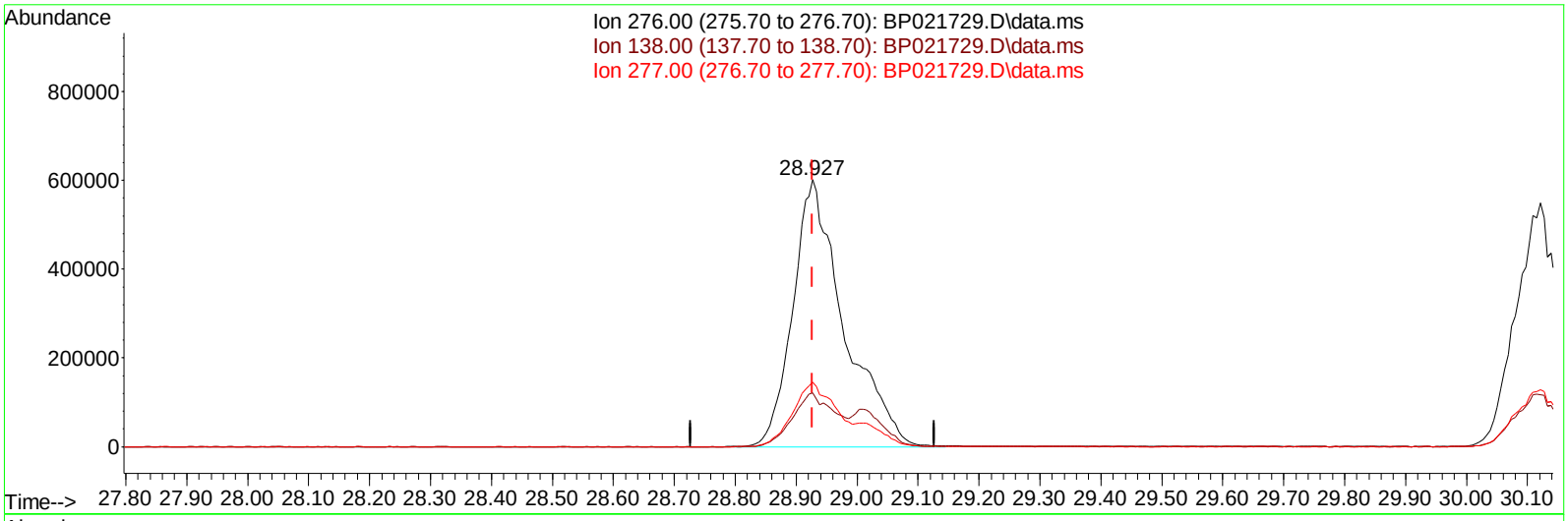

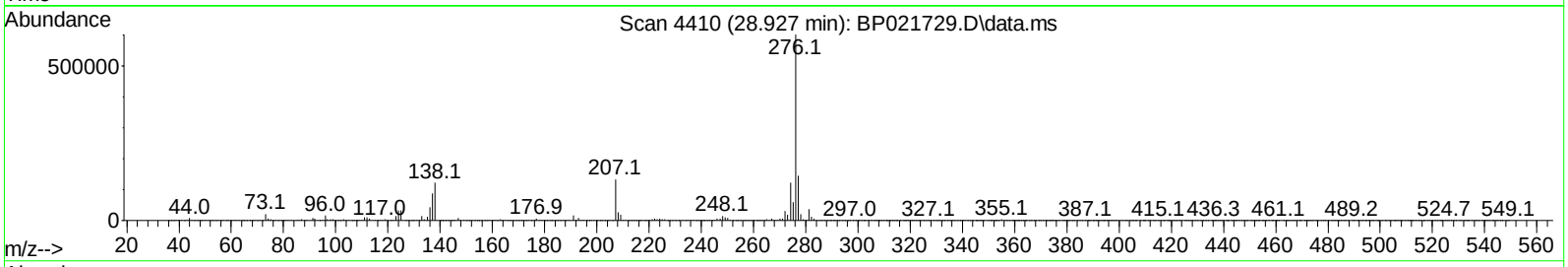

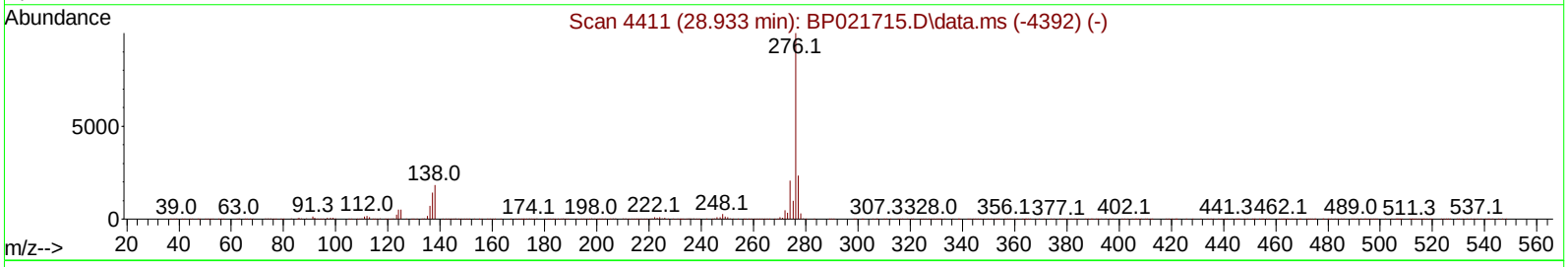

TIC: BP021729.D\data.ms

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

28.927min (0.000) 20.00 ng/ul m

response 3494779

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	20.28
277.00	23.80	24.22
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 30 00:01:22 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	370888	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1588826	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	1039345	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	2215104	20.000	ng/ul	0.00
79) Chrysene-d12	21.669	240	2077314	20.000	ng/ul	0.00
88) Perylene-d12	25.063	264	2350399	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	83898	7.510	ng/uL	0.00
4) Pyridine-d5	3.687	84	642142	19.873	ng/ul	0.00
7) Phenol-d5	6.958	99	785655	19.849	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	450339	20.907	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	527084	20.626	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	615464	20.123	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	259832	20.327	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	264025	20.348	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	529853	20.722	ng/ul	0.00
31) 4-Chloroaniline-d4	10.699	131	751921	20.213	ng/ul	0.00
46) Dimethylphthalate-d6	13.840	166	1592298	20.022	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	1811086	20.284	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	303488	20.058	ng/ul	0.00
60) Fluorene-d10	15.445	176	1345949	20.131	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	212494	17.442	ng/ul	0.00
73) Anthracene-d10	17.339	188	2149277	20.445	ng/ul	0.00
81) Pyrene-d10	19.692	212	2511440	21.149	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.839	264	2566954	20.481	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	88835	7.482	ng/uL	97
5) Pyridine	3.705	79	635563	19.683	ng/ul	100
6) Benzaldehyde	6.928	77	508046	25.095	ng/ul	99
8) Phenol	6.981	94	828033	20.063	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.211	93	657570	20.497	ng/ul	98
12) 2-Chlorophenol	7.358	128	556277	20.740	ng/ul	98
13) 2-Methylphenol	8.222	108	596899	20.048	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.305	45	654729	21.145	ng/ul	99
16) Acetophenone	8.599	105	1012564	20.650	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.587	70	482621	20.857	ng/ul	100
18) 4-Methylphenol	8.546	108	669813	20.549	ng/ul	100
19) Hexachloroethane	8.863	117	245808	20.497	ng/ul	94
22) Nitrobenzene	8.975	77	735711	20.641	ng/ul	100
23) Isophorone	9.505	82	1411946	19.741	ng/ul	99
25) 2-Nitrophenol	9.687	139	301518	20.974	ng/ul	99
26) 2,4-Dimethylphenol	9.746	107	718337	20.359	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.981	93	912588	20.345	ng/ul	99
29) 2,4-Dichlorophenol	10.216	162	529492	20.608	ng/ul	98
30) Naphthalene	10.622	128	1807523	20.185	ng/ul	100
32) 4-Chloroaniline	10.722	127	758321	20.192	ng/ul	97
33) Hexachlorobutadiene	10.916	225	350250	20.317	ng/ul	98
34) Caprolactam	11.504	113	202112	18.602	ng/ul	99
35) 4-Chloro-3-methylphenol	11.857	107	702691	20.663	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.240	142	1235541	20.399	ng/ul	99
37) 1-Methylnaphthalene	12.457	142	1228864	20.172	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	673690	20.566	ng/ul	100
40) Hexachlorocyclopentadiene	12.593	237	326475	17.369	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	438300	20.781	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	475542	20.881	ng/ul	96
43) 1,1'-Biphenyl	13.257	154	1616726	20.560	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	1237483	20.071	ng/ul	99
45) 2-Nitroaniline	13.499	65	415194	21.496	ng/ul	94
47) Dimethylphthalate	13.887	163	1561846	19.613	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	309296	21.060	ng/ul	98
50) Acenaphthylene	14.157	152	1951415	20.321	ng/ul	100
51) 3-Nitroaniline	14.328	138	345500	21.528	ng/ul	99
52) Acenaphthene	14.504	153	1367227	20.246	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	135933	15.460	ng/ul	98
55) 4-Nitrophenol	14.646	109	285321	20.595	ng/ul	97
56) Dibenzofuran	14.840	168	1902483	20.363	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	467488	21.183	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.069	232	399563	20.364	ng/ul	96
59) Diethylphthalate	15.275	149	1631837	20.407	ng/ul	99
61) Fluorene	15.498	166	1534660	20.308	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	755825	19.906	ng/ul	98
63) 4-Nitroaniline	15.510	138	358967	23.143	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.569	198	239586	17.580	ng/ul	94
67) N-Nitrosodiphenylamine	15.716	169	1338479	20.541	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	491816	20.112	ng/ul	97
69) Hexachlorobenzene	16.522	284	577318	19.887	ng/ul	96
70) Atrazine	16.687	200	509104	20.596	ng/ul	98
71) Pentachlorophenol	16.875	266	363472	19.563	ng/ul	98
72) Phenanthrene	17.275	178	2501640	20.571	ng/ul	99
74) Anthracene	17.369	178	2490678	20.216	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	673988	20.466	ng/uL	98
76) Pentachlorobenzene	14.757	250	681215	19.957	ng/uL	99
77) Carbazole	17.639	167	2321989	20.955	ng/ul	100
78) Di-n-butylphthalate	18.239	149	2882221	21.369	ng/ul	99
80) Fluoranthene	19.345	202	2980455	21.508	ng/ul	100
82) Pyrene	19.722	202	3142697	21.414	ng/ul	98
83) Butylbenzylphthalate	20.675	149	1302555	21.677	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.569	252	997395	19.052	ng/ul	99
85) Benzo(a)anthracene	21.645	228	3013998	20.397	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	1927667	21.735	ng/ul	99
87) Chrysene	21.716	228	2792659	20.081	ng/ul	100
89) Di-n-octyl phthalate	22.892	149	3117483	20.954	ng/ul	100
90) Benzo(b)fluoranthene	23.992	252	2986772	20.309	ng/ul	99
91) Benzo(k)fluoranthene	24.057	252	2974588	20.660	ng/ul	100
93) Benzo(a)pyrene	24.910	252	2768035	20.430	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.927	276	3494779m	20.004	ng/ul	
95) Dibenzo(a,h)anthracene	29.015	278	2799283	19.940	ng/ul	99
96) Benzo(g,h,i)perylene	30.121	276	2694494	19.962	ng/ul	99

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

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