Quantitation Report (Qedit)

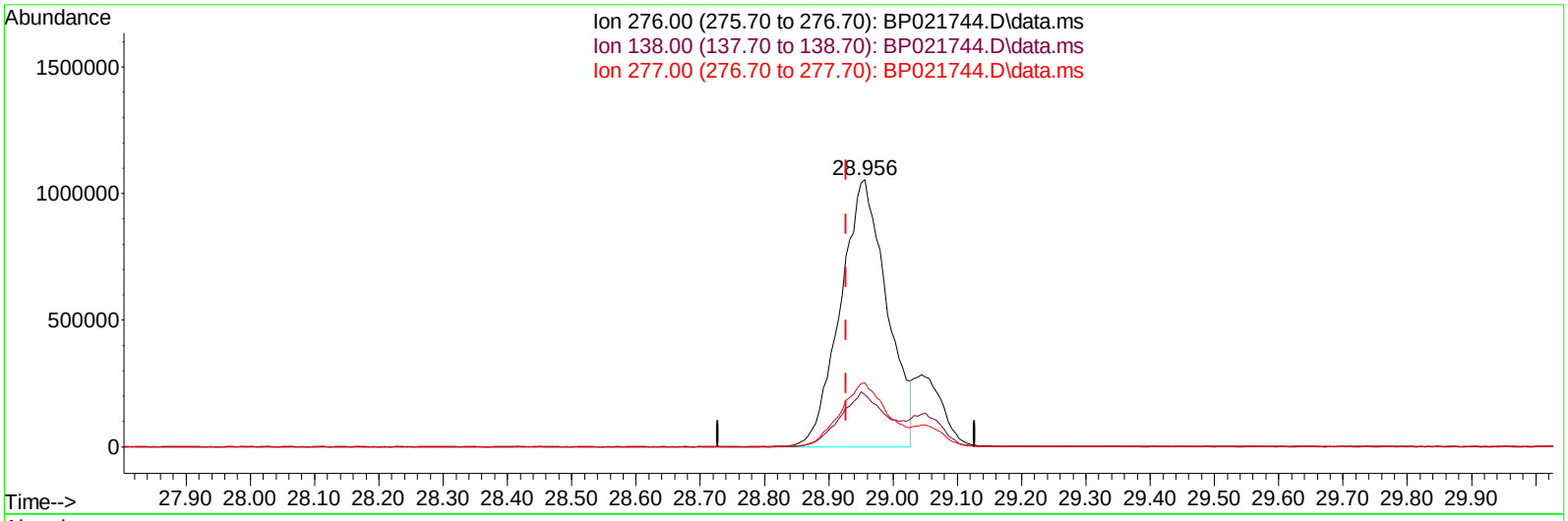
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021744.D
Acq On : 30 Aug 2024 07:11
Operator : RC/JU
Sample : PB163007BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

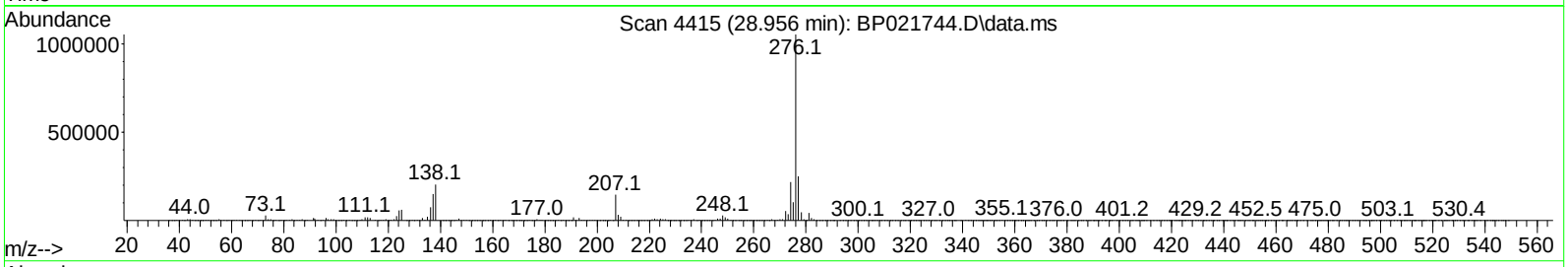
Quant Time: Aug 30 07:41:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

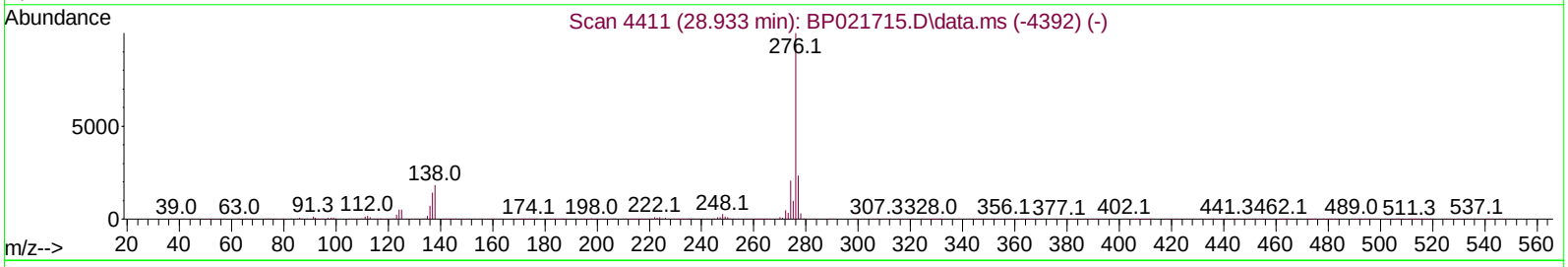
Instrument :
BNA_P
ClientSampleId :
SLCS007

Manual IntegrationsAPPROVED

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







TIC: BP021744.D\data.ms

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

28.956min (+ 0.029) 23.07 ng/ul

response 5300803

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.36
277.00	23.80	23.83
0.00	0.00	0.00

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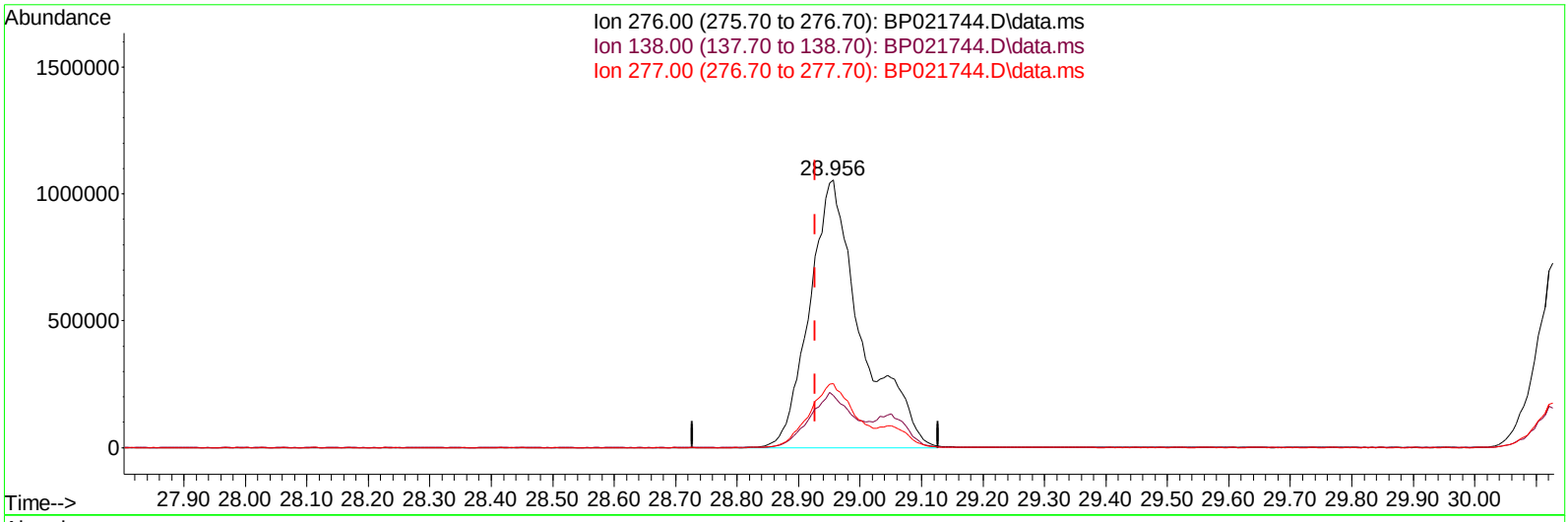

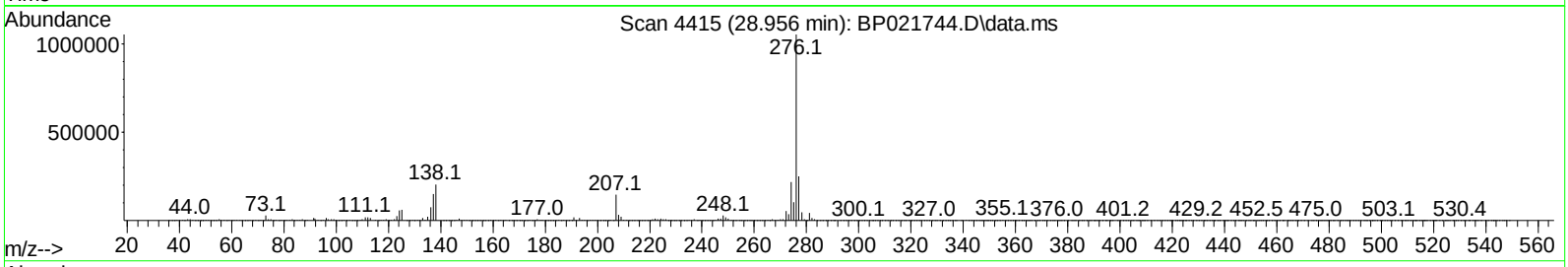

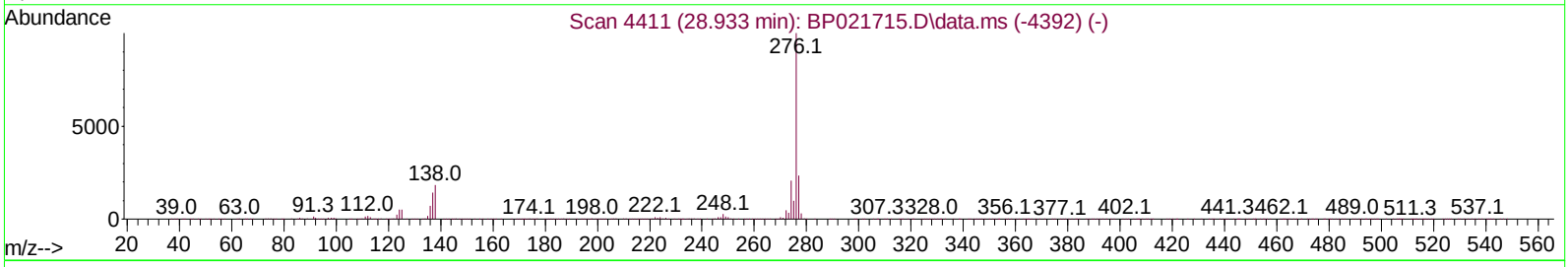

TIC: BP021744.D\data.ms

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

28.956min (+ 0.029) 26.89 ng/ul m

response 6178114

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.36
277.00	23.80	23.83
0.00	0.00	0.00

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ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 30 07:44:47 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
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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	7.793	152	491487	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	2132750	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.428	164	1412414	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	3052744	20.000	ng/ul	0.00
79) Chrysene-d12	21.680	240	2709705	20.000	ng/ul	0.01
88) Perylene-d12	25.080	264	3091219	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	72487	4.896	ng/uL	0.00
4) Pyridine-d5	3.687	84	958677	22.389	ng/ul	0.00
7) Phenol-d5	6.963	99	1410669	26.895	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	736998	25.819	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	907084	26.787	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	1081854	26.692	ng/ul	0.01
21) Nitrobenzene-d5	8.940	128	467199	27.228	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	517958	29.738	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	949027	27.650	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	1145876	22.948	ng/ul	0.01
46) Dimethylphthalate-d6	13.834	166	2831269	26.197	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	3217559	26.517	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	574230	27.928	ng/ul	0.02
60) Fluorene-d10	15.439	176	2456799	27.039	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	423580	25.228	ng/ul	0.00
73) Anthracene-d10	17.333	188	3747398	25.866	ng/ul	0.00
81) Pyrene-d10	19.698	212	4533337	29.267	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.856	264	4407932	26.742	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	127306	8.091	ng/uL	96
5) Pyridine	3.711	79	962904	22.504	ng/ul	99
6) Benzaldehyde	6.934	77	586236	21.851	ng/ul	99
8) Phenol	6.993	94	1439245	26.316	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.216	93	1105284	25.999	ng/ul	98
12) 2-Chlorophenol	7.363	128	953857	26.837	ng/ul	100
13) 2-Methylphenol	8.234	108	1041830	26.406	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.310	45	1081607	26.360	ng/ul	98
16) Acetophenone	8.604	105	1672801	25.744	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.593	70	800500	26.105	ng/ul	99
18) 4-Methylphenol	8.557	108	1149823	26.619	ng/ul	98
19) Hexachloroethane	8.863	117	401764	25.281	ng/ul	96
22) Nitrobenzene	8.981	77	1238887	25.893	ng/ul	98
23) Isophorone	9.510	82	2462959	25.653	ng/ul	99
25) 2-Nitrophenol	9.687	139	547734	28.384	ng/ul	98
26) 2,4-Dimethylphenol	9.757	107	958211	20.231	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.981	93	1563036	25.959	ng/ul	98
29) 2,4-Dichlorophenol	10.228	162	918817	26.640	ng/ul	99
30) Naphthalene	10.628	128	3067235	25.517	ng/ul	100
32) 4-Chloroaniline	10.734	127	1095040	21.722	ng/ul	100
33) Hexachlorobutadiene	10.916	225	585368	25.295	ng/ul	98
34) Caprolactam	11.522	113	387162	26.546	ng/ul	99
35) 4-Chloro-3-methylphenol	11.869	107	1272949	27.886	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.239	142	2086575	25.664	ng/ul	100
37) 1-Methylnaphthalene	12.457	142	2098048	25.656	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	1164336	26.155	ng/ul	98
40) Hexachlorocyclopentadiene	12.592	237	376797	14.751	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	695361	24.261	ng/ul	98
42) 2,4,5-Trichlorophenol	12.934	196	793399	25.636	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	2771808	25.939	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	2166529	25.858	ng/ul	99
45) 2-Nitroaniline	13.498	65	765748	29.174	ng/ul	98
47) Dimethylphthalate	13.881	163	2841641	26.259	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	595135	29.820	ng/ul	96
50) Acenaphthylene	14.151	152	3564847	27.317	ng/ul	100
51) 3-Nitroaniline	14.328	138	643997	29.529	ng/ul	100
52) Acenaphthene	14.498	153	2338261	25.479	ng/ul	100
53) 2,4-Dinitrophenol	14.539	184	266241	22.283	ng/ul	98
55) 4-Nitrophenol	14.657	109	515422	27.377	ng/ul	97
56) Dibenzofuran	14.839	168	3273477	25.783	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	877672	29.265	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	592407	22.217	ng/ul	98
59) Diethylphthalate	15.269	149	2920931	26.879	ng/ul	99
61) Fluorene	15.504	166	2659811	25.901	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	1343532	26.037	ng/ul	100
63) 4-Nitroaniline	15.516	138	688246	32.652	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.575	198	452857	24.112	ng/ul	96
67) N-Nitrosodiphenylamine	15.710	169	2332708	25.976	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	899210	26.682	ng/ul	97
69) Hexachlorobenzene	16.527	284	1033944	25.843	ng/ul	99
71) Pentachlorophenol	16.875	266	509395	19.894	ng/ul	99
72) Phenanthrene	17.269	178	4441743	26.503	ng/ul	99
74) Anthracene	17.369	178	4354402	25.646	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	1148672	25.309	ng/uL	98
76) Pentachlorobenzene	14.757	250	1140827	24.251	ng/uL	98
77) Carbazole	17.645	167	4131489	27.054	ng/ul	100
78) Di-n-butylphthalate	18.239	149	5271926	28.362	ng/ul	100
80) Fluoranthene	19.351	202	5283513	29.230	ng/ul	99
82) Pyrene	19.727	202	5432202	28.375	ng/ul	99
83) Butylbenzylphthalate	20.674	149	2441034	31.143	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.580	252	1621641	23.747	ng/ul	99
85) Benzo(a)anthracene	21.663	228	5223534	27.100	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.598	149	3550619	30.691	ng/ul	99
87) Chrysene	21.727	228	4819149	26.566	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	6046950	30.904	ng/ul	100
90) Benzo(b)fluoranthene	24.015	252	5265105	27.221	ng/ul	98
91) Benzo(k)fluoranthene	24.086	252	5272246	27.843	ng/ul	99
93) Benzo(a)pyrene	24.933	252	4695063	26.348	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.956	276	6178114m	26.889	ng/ul	
95) Dibenzo(a,h)anthracene	29.044	278	5036386	27.278	ng/ul	99
96) Benzo(g,h,i)perylene	30.156	276	4933120	27.788	ng/ul	99

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

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