Quantitation Report (Qedit)

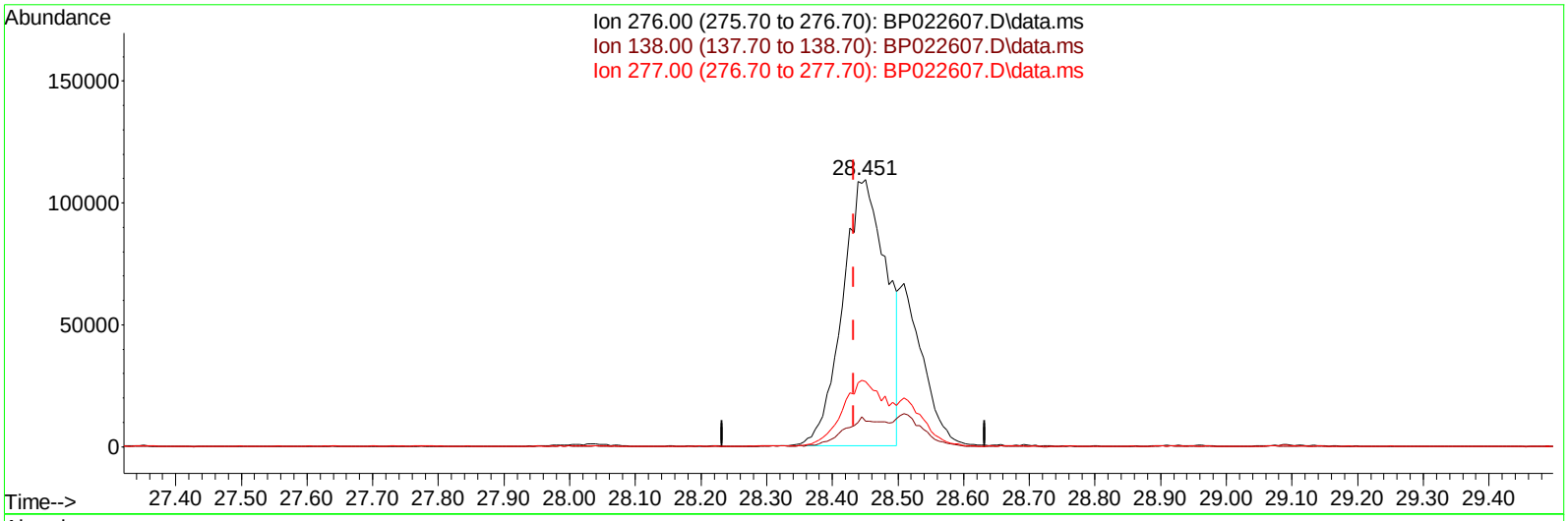
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022607.D
Acq On : 25 Oct 2024 11:54
Operator : RC/JU
Sample : P4415-23MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

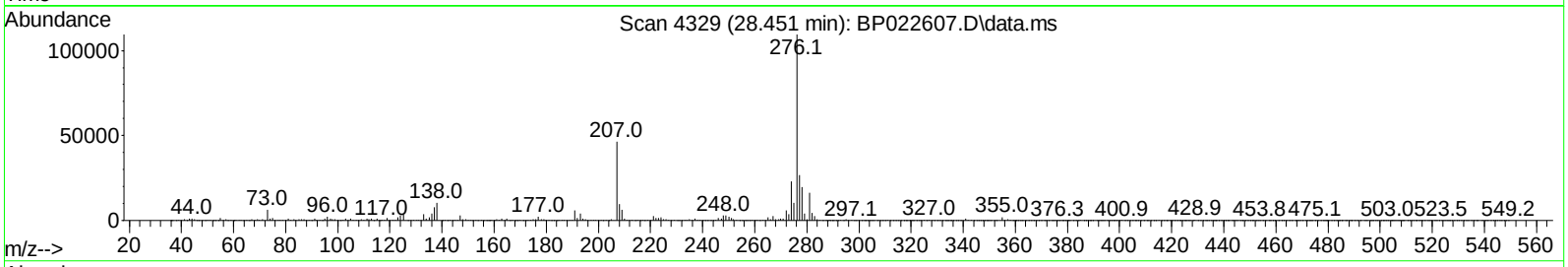
Quant Time: Oct 25 12:47:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

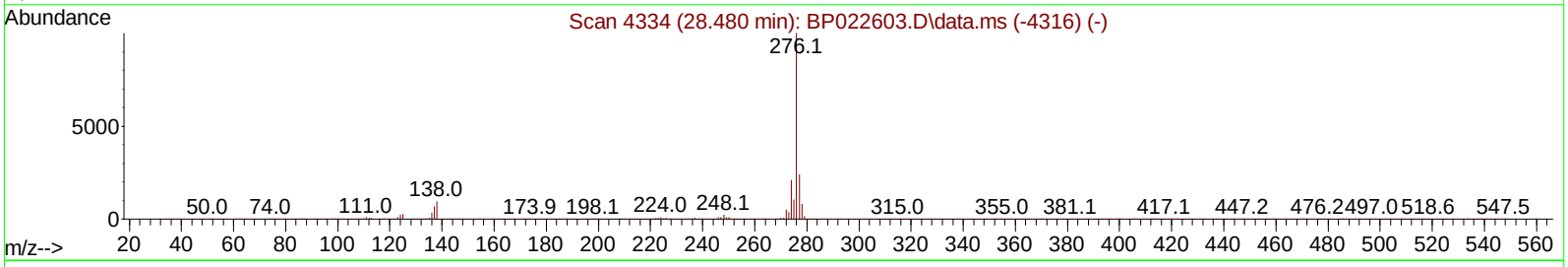
Instrument :
BNA_P
ClientSampleId :
A4F44MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024







TIC: BP022607.D\data.ms

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

28.451min (+ 0.018) 6.51 ng/ul

response 508830

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.65
277.00	23.20	24.46
0.00	0.00	0.00

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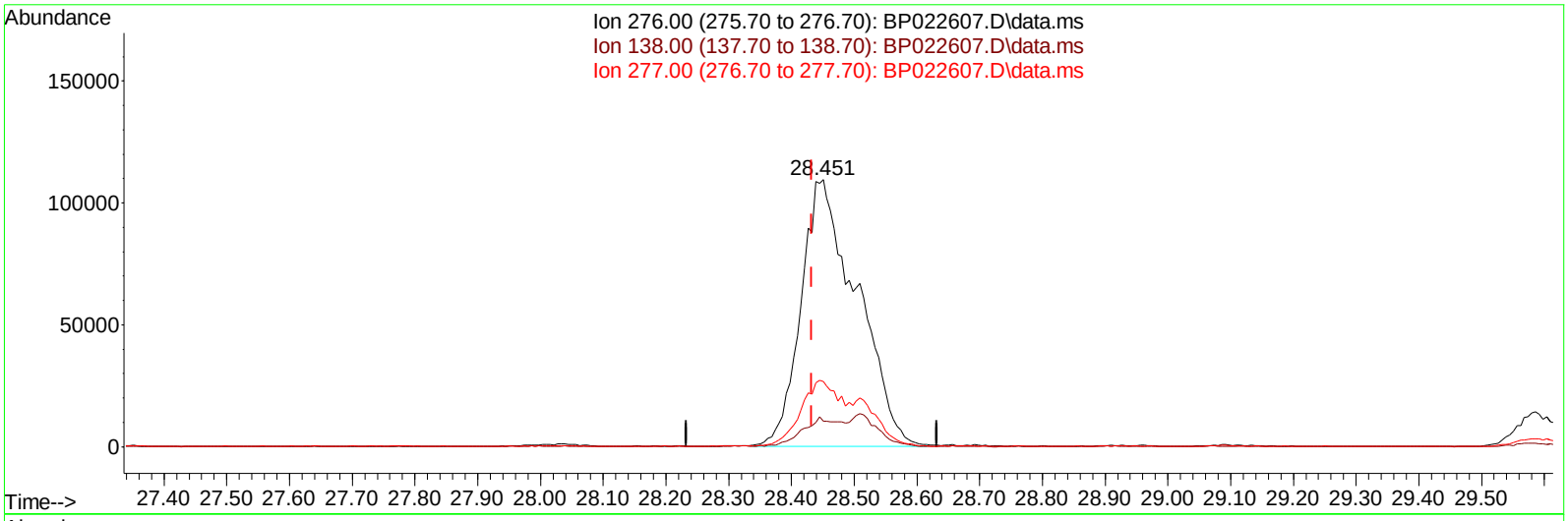

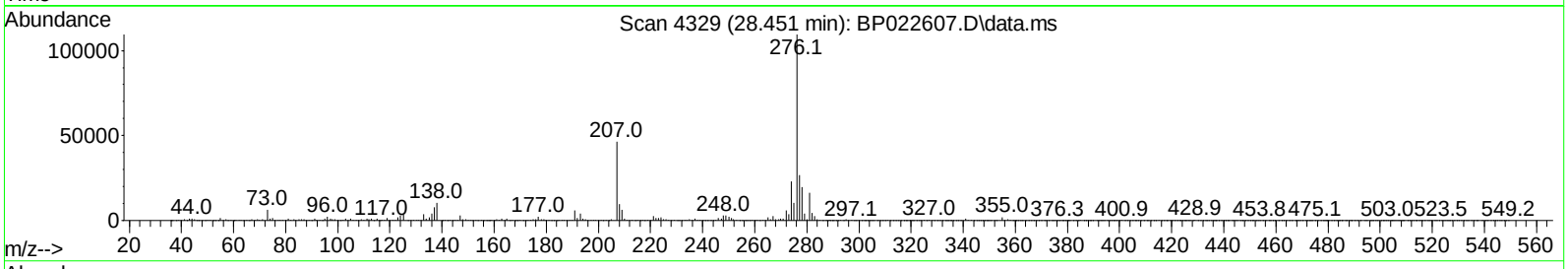

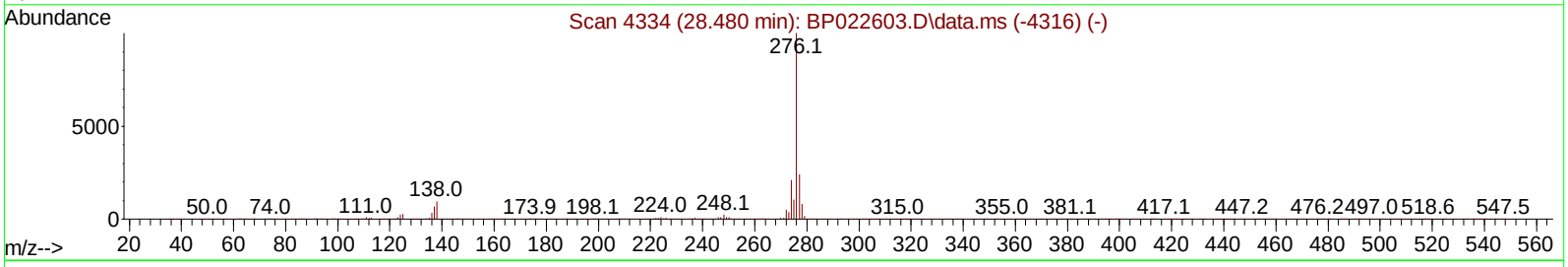

TIC: BP022607.D\data.ms

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

28.451min (+ 0.018) 8.69 ng/ul m

response 679245

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.65
277.00	23.20	24.46
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	7.652	152	120803	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	471529	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	364737	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.057	188	863566	20.000	ng/ul	-0.02
79) Chrysene-d12	21.492	240	856509	20.000	ng/ul	0.00
88) Perylene-d12	24.751	264	1010723	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3419	1.100	ng/uL	0.00
4) Pyridine-d5	3.611	84	38092	4.464	ng/ul	0.00
7) Phenol-d5	6.846	99	73870	7.264	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	40987	6.858	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.199	132	54499	7.553	ng/ul	0.00
15) 4-Methylphenol-d8	8.357	113	58103	7.160	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	26103	7.200	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.499	143	32514	7.746	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.040	165	77169	8.650	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.546	131	58210	5.522	ng/ul	-0.01
46) Dimethylphthalate-d6	13.663	166	256992	8.868	ng/ul	-0.02
49) Acenaphthylene-d8	13.940	160	257507	8.366	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.504	143	35338	7.269	ng/ul	0.00
60) Fluorene-d10	15.269	176	227045	9.033	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.404	200	46270	8.147	ng/ul	-0.01
73) Anthracene-d10	17.163	188	360812	8.882	ng/ul	0.00
81) Pyrene-d10	19.545	212	353301	7.800	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.515	264	273179	5.061	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	11935	3.571	ng/uL	93
5) Pyridine	3.628	79	47601	5.440	ng/ul	89
6) Benzaldehyde	6.811	77	15651	2.848	ng/ul	95
8) Phenol	6.875	94	129191	12.211	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.087	93	88084	11.125	ng/ul	97
12) 2-Chlorophenol	7.228	128	87266	11.696	ng/ul	96
13) 2-Methylphenol	8.093	108	79942	10.412	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.158	45	99991	10.866	ng/ul	96
16) Acetophenone	8.457	105	190667	14.231	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.446	70	80365	11.840	ng/ul	96
18) 4-Methylphenol	8.416	108	91662	10.761	ng/ul	98
19) Hexachloroethane	8.710	117	25474	7.331	ng/ul	97
22) Nitrobenzene	8.834	77	119245	11.019	ng/ul	97
23) Isophorone	9.352	82	231172	11.914	ng/ul	99
25) 2-Nitrophenol	9.534	139	53906	11.916	ng/ul	95
26) 2,4-Dimethylphenol	9.599	107	44340	4.509	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.822	93	125447	11.386	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	109228	12.433	ng/ul	99
30) Naphthalene	10.457	128	295698	11.774	ng/ul	98
32) 4-Chloroaniline	10.569	127	58907	5.661	ng/ul	98
33) Hexachlorobutadiene	10.734	225	89565	12.096	ng/ul	97
34) Caprolactam	11.346	113	34603	12.217	ng/ul	81
35) 4-Chloro-3-methylphenol	11.698	107	123144	12.847	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.057	142	223762	12.137	ng/ul	94
37) 1-Methylnaphthalene	12.281	142	225876	12.004	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.434	216	159184	11.803	ng/ul	95
40) Hexachlorocyclopentadiene	12.410	237	36488	4.441	ng/ul	99
41) 2,4,6-Trichlorophenol	12.687	196	111639	13.160	ng/ul	98
42) 2,4,5-Trichlorophenol	12.763	196	122536	13.566	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	327014	12.439	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	271344	12.608	ng/ul	99
45) 2-Nitroaniline	13.340	65	77727	12.095	ng/ul	92
47) Dimethylphthalate	13.710	163	368930	12.776	ng/ul	100
48) 2,6-Dinitrotoluene	13.840	165	74985	13.729	ng/ul	95
50) Acenaphthylene	13.969	152	388911	12.175	ng/ul	98
51) 3-Nitroaniline	14.181	138	57033	11.118	ng/ul	99
52) Acenaphthene	14.322	153	297128	13.154	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	43373	10.793	ng/ul	96
55) 4-Nitrophenol	14.516	109	67477	12.506	ng/ul	97
56) Dibenzofuran	14.663	168	434490	12.805	ng/ul	99
57) 2,4-Dinitrotoluene	14.640	165	114412	13.480	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.904	232	112048	13.290	ng/ul#	96
59) Diethylphthalate	15.104	149	364232	13.147	ng/ul	99
61) Fluorene	15.322	166	359347	12.998	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	208228	13.171	ng/ul	97
63) 4-Nitroaniline	15.351	138	68083	13.189	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.416	198	76497	12.504	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	311577	13.473	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	147922	14.204	ng/ul	95
69) Hexachlorobenzene	16.351	284	117076	9.133	ng/ul	97
70) Atrazine	16.528	200	138453	14.403	ng/ul	95
71) Pentachlorophenol	16.704	266	82243	9.978	ng/ul	96
72) Phenanthrene	17.098	178	673331	14.574	ng/ul	99
74) Anthracene	17.204	178	581070	12.603	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	152380	11.589	ng/uL	97
76) Pentachlorobenzene	14.587	250	160503	11.042	ng/uL	99
77) Carbazole	17.475	167	454714	11.146	ng/ul	99
78) Di-n-butylphthalate	18.057	149	629477	13.945	ng/ul	100
80) Fluoranthene	19.192	202	928013	17.822	ng/ul	99
82) Pyrene	19.569	202	636504	11.405	ng/ul	100
83) Butylbenzylphthalate	20.516	149	289557	14.902	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	158854	7.780	ng/ul	100
85) Benzo(a)anthracene	21.474	228	886048	14.757	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	430736	15.444	ng/ul	100
87) Chrysene	21.539	228	834285	14.985	ng/ul	99
89) Di-n-octyl phthalate	22.651	149	686724	14.284	ng/ul	100
90) Benzo(b)fluoranthene	23.715	252	946063	14.870	ng/ul	99
91) Benzo(k)fluoranthene	23.780	252	913892	14.672	ng/ul	99
93) Benzo(a)pyrene	24.592	252	333131	5.689	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.451	276	679245m	8.693	ng/ul	
95) Dibenzo(a,h)anthracene	28.509	278	874239	13.817	ng/ul#	97
96) Benzo(g,h,i)perylene	29.586	276	63229	1.040	ng/ul	98

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

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