Quantitation Report (Qedit)

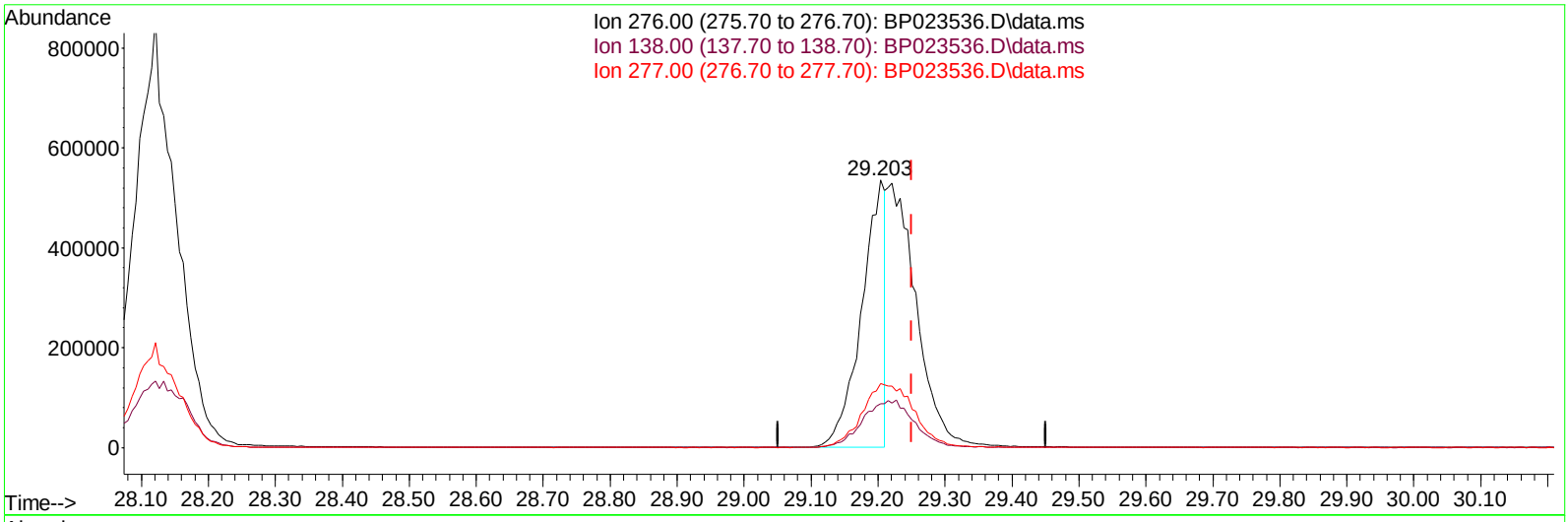
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023536.D
Acq On : 19 Dec 2024 20:42
Operator : RC/JU
Sample : PB165707BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

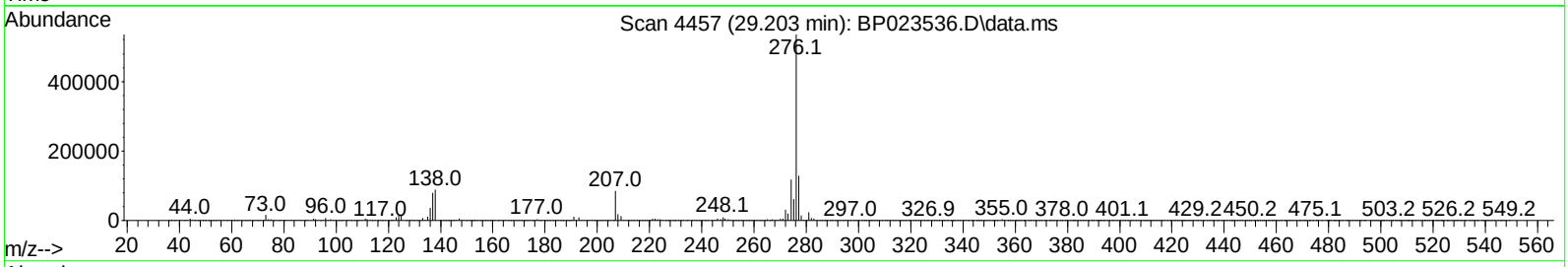
Quant Time: Dec 20 00:36:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

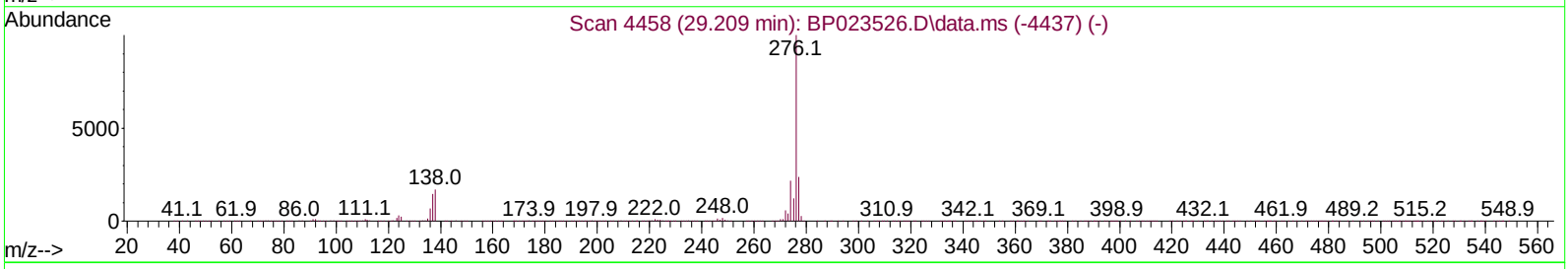
Instrument :
BNA_P
ClientSampleId :
SLCS707

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024







TIC: BP023536.D\data.ms

(96) Benzo(g,h,i)perylene

29.203min (-0.047) 13.73 ng/ul

response 1302645

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	16.48#
277.00	23.60	23.95
0.00	0.00	0.00

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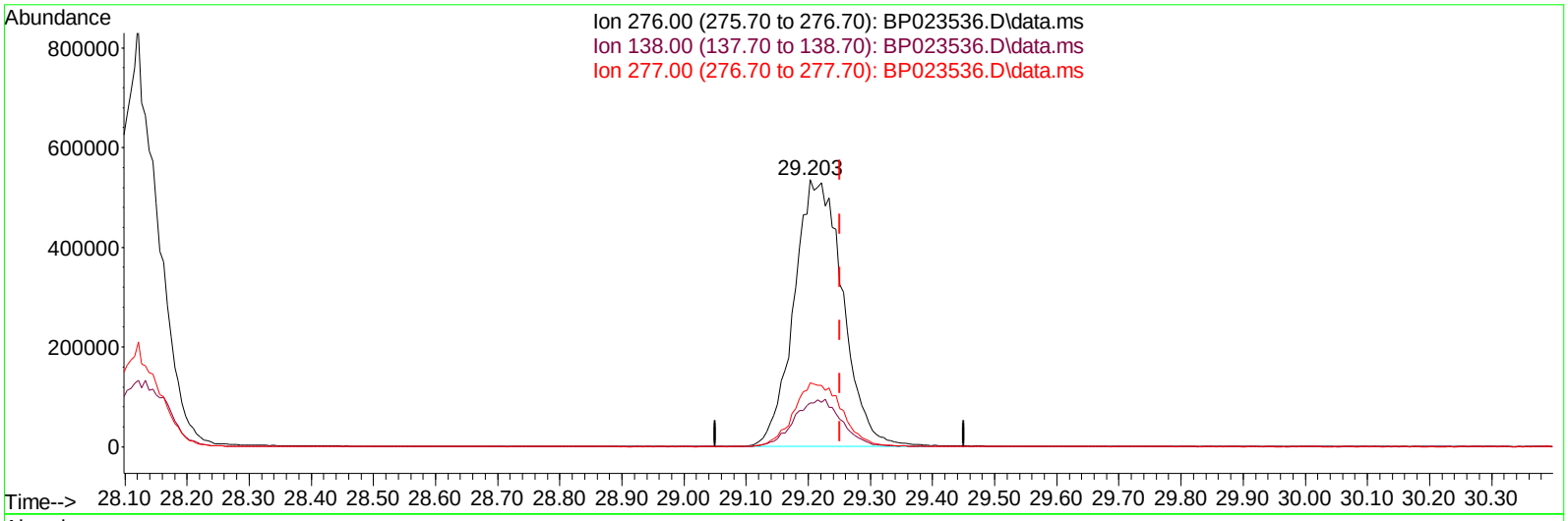

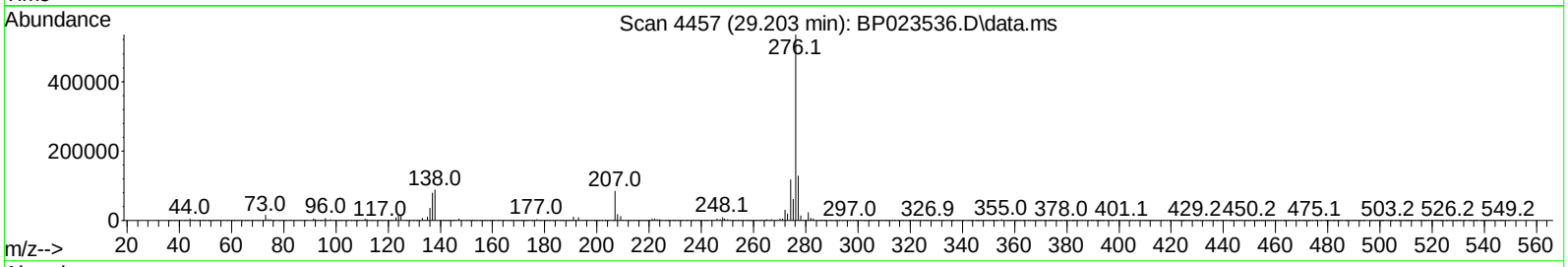

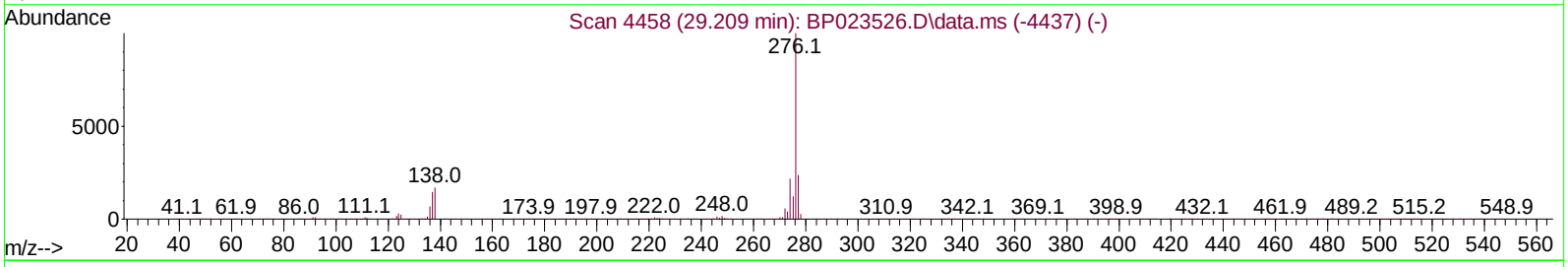

TIC: BP023536.D\data.ms

(96) Benzo(g,h,i)perylene

29.203min (-0.047) 30.74 ng/ul m

response 2917304

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	16.48#
277.00	23.60	23.95
0.00	0.00	0.00

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	267365	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.263	136	1038598	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.128	164	713302	20.000	ng/ul	-0.02
64) Phenanthrene-d10	16.939	188	1543463	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.369	240	1600931	20.000	ng/ul	#-0.02
88) Perylene-d12	24.533	264	1693098	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	37973	5.229	ng/uL	-0.01
4) Pyridine-d5	3.505	84	548056	29.348	ng/ul	-0.01
7) Phenol-d5	6.734	99	725193	34.569	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.875	67	455657	34.427	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.075	132	505115	32.624	ng/ul	-0.01
15) 4-Methylphenol-d8	8.234	113	553511	32.692	ng/ul	-0.02
21) Nitrobenzene-d5	8.663	128	252491	32.556	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.375	143	299811	33.542	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	9.916	165	586475	31.088	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.422	131	624650	29.557	ng/ul	-0.02
46) Dimethylphthalate-d6	13.551	166	1664135	30.053	ng/ul	0.00
49) Acenaphthylene-d8	13.822	160	1851083	31.693	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.404	143	239217	35.253	ng/ul	0.00
60) Fluorene-d10	15.145	176	1426842	29.295	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.310	200	292220	31.327	ng/ul	0.00
73) Anthracene-d10	17.045	188	2239602	31.794	ng/ul	0.00
81) Pyrene-d10	19.422	212	2791357	33.373	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.315	264	2786588	30.745	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.128	88	75063	9.342	ng/uL	98
5) Pyridine	3.522	79	536178	28.108	ng/ul	92
6) Benzaldehyde	6.699	77	298048	24.852	ng/ul	99
8) Phenol	6.763	94	744444	34.087	ng/ul#	83
10) Bis(2-Chloroethyl)ether	6.969	93	581721	33.744	ng/ul	100
12) 2-Chlorophenol	7.105	128	513755	31.652	ng/ul	97
13) 2-Methylphenol	7.981	108	531071	32.789	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.034	45	712527	33.987	ng/ul	99
16) Acetophenone	8.334	105	872639	30.622	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.316	70	482484	31.073	ng/ul	93
18) 4-Methylphenol	8.299	108	578570	33.096	ng/ul	97
19) Hexachloroethane	8.563	117	229985	29.101	ng/ul	89
22) Nitrobenzene	8.710	77	709906	30.082	ng/ul	96
23) Isophorone	9.222	82	1353270	32.376	ng/ul	98
25) 2-Nitrophenol	9.405	139	306323	32.083	ng/ul#	84
26) 2,4-Dimethylphenol	9.481	107	512106	24.222	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.693	93	797875	33.786	ng/ul	99
29) 2,4-Dichlorophenol	9.940	162	550149	29.425	ng/ul	99
30) Naphthalene	10.316	128	1599033	29.409	ng/ul	99
32) 4-Chloroaniline	10.446	127	507687	24.774	ng/ul	99
33) Hexachlorobutadiene	10.581	225	394681	23.797	ng/ul	99
34) Caprolactam	11.234	113	184471	33.814	ng/ul	94
35) 4-Chloro-3-methylphenol	11.593	107	581900	28.663	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.928	142	1080285	26.793	ng/ul	97
37) 1-Methylnaphthalene	12.151	142	1072578	26.105	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.304	216	699857	26.887	ng/ul	97
40) Hexachlorocyclopentadiene	12.269	237	217335	17.378	ng/ul	98
41) 2,4,6-Trichlorophenol	12.563	196	443827	28.812	ng/ul	99
42) 2,4,5-Trichlorophenol	12.651	196	483983	29.406	ng/ul	96
43) 1,1'-Biphenyl	12.951	154	1477046	29.225	ng/ul	98
44) 2-Chloronaphthalene	12.993	162	1220599	29.858	ng/ul	96
45) 2-Nitroaniline	13.234	65	397076	33.525	ng/ul	90
47) Dimethylphthalate	13.598	163	1609359	29.504	ng/ul	98
48) 2,6-Dinitrotoluene	13.722	165	336460	32.192	ng/ul	90
50) Acenaphthylene	13.857	152	1873369	31.496	ng/ul	100
51) 3-Nitroaniline	14.069	138	313823	35.826	ng/ul	99
52) Acenaphthene	14.204	153	1267411	29.153	ng/ul	99
53) 2,4-Dinitrophenol	14.310	184	181341	26.906	ng/ul	90
55) 4-Nitrophenol	14.422	109	256967	28.109	ng/ul#	71
56) Dibenzofuran	14.545	168	1887424	28.587	ng/ul	95
57) 2,4-Dinitrotoluene	14.545	165	507921	30.158	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.781	232	389703	23.851	ng/ul	98
59) Diethylphthalate	14.981	149	1615932	29.705	ng/ul	99
61) Fluorene	15.204	166	1541787	28.679	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.198	204	812906	26.071	ng/ul	98
63) 4-Nitroaniline	15.263	138	315620	40.965	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.322	198	303497	30.670	ng/ul	96
67) N-Nitrosodiphenylamine	15.422	169	1310987	33.261	ng/ul	98
68) 4-Bromophenyl-phenylether	16.110	248	526286	28.884	ng/ul	98
69) Hexachlorobenzene	16.228	284	592244	26.532	ng/ul	97
70) Atrazine	16.404	200	208489	12.156	ng/ul	98
71) Pentachlorophenol	16.598	266	316247	24.273	ng/ul	93
72) Phenanthrene	16.981	178	2581663	32.354	ng/ul	100
74) Anthracene	17.081	178	2494792	31.268	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	705801	31.724	ng/uL	97
76) Pentachlorobenzene	14.457	250	683789	27.884	ng/uL	99
77) Carbazole	17.375	167	2280841	35.088	ng/ul	99
78) Di-n-butylphthalate	17.933	149	2789745	34.928	ng/ul	99
80) Fluoranthene	19.075	202	3220357	33.600	ng/ul#	93
82) Pyrene	19.451	202	3334429	32.786	ng/ul#	92
83) Butylbenzylphthalate	20.410	149	1312946	37.274	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.274	252	1055587	28.735	ng/ul#	99
85) Benzo(a)anthracene	21.345	228	3300148	30.741	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.269	149	1877144	37.109	ng/ul	99
87) Chrysene	21.416	228	3057856	29.723	ng/ul	100
89) Di-n-octyl phthalate	22.474	149	3181828	38.479	ng/ul	100
90) Benzo(b)fluoranthene	23.533	252	3224512	30.313	ng/ul#	98
91) Benzo(k)fluoranthene	23.604	252	3246031	30.669	ng/ul#	99
93) Benzo(a)pyrene	24.380	252	2903986	30.109	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.121	276	3730166	30.095	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.162	278	2997308	30.217	ng/ul#	97
96) Benzo(g,h,i)perylene	29.203	276	2917304m	30.741	ng/ul	

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

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