Quantitation Report (Qedit)

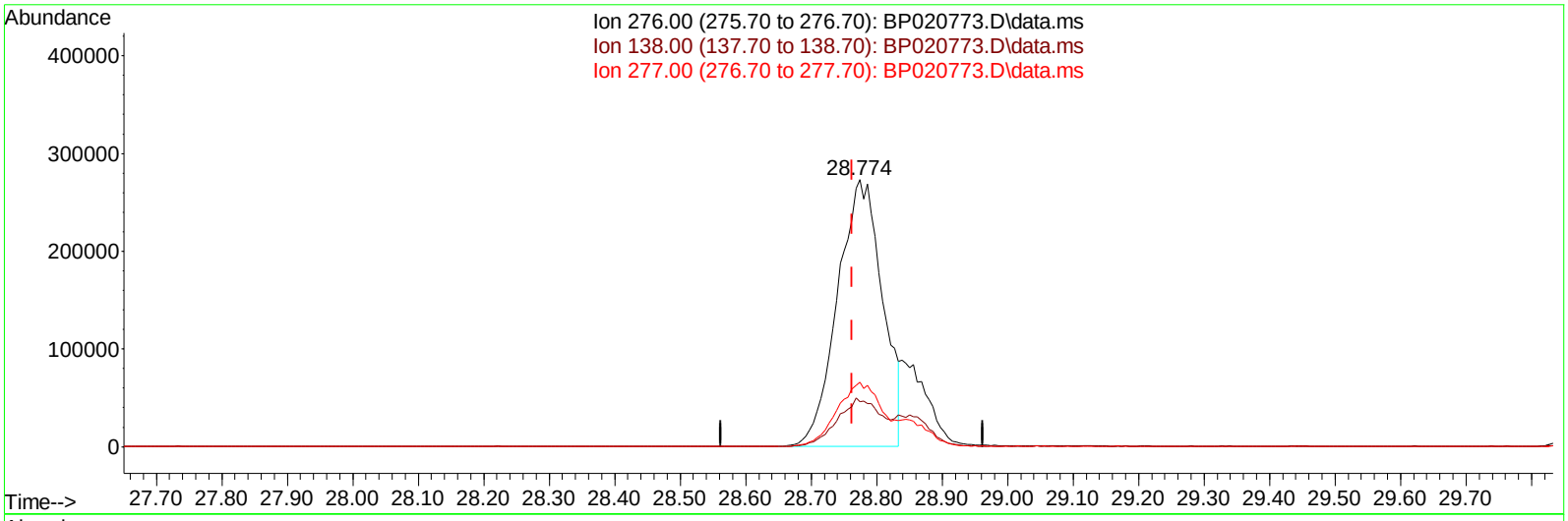
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020773.D
Acq On : 03 Jul 2024 17:21
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

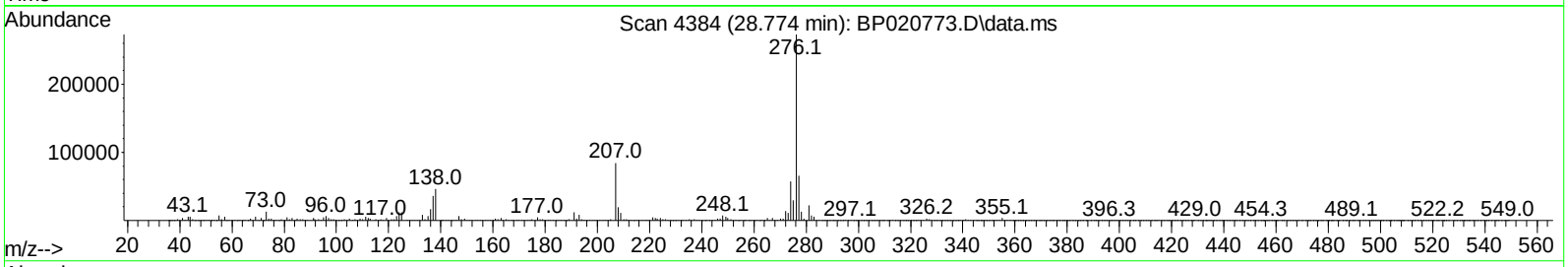
Quant Time: Jul 04 04:03:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

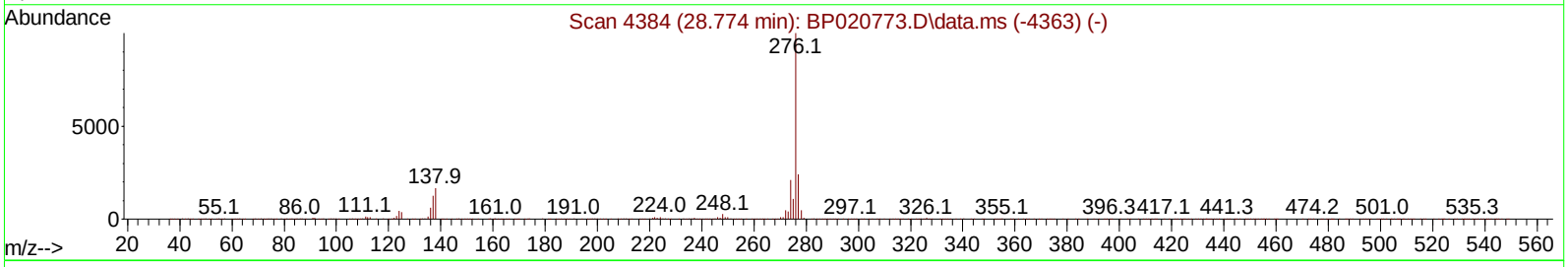
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024







TIC: BP020773.D\data.ms

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

28.774min (+ 0.012) 15.08 ng/ul

response 1293923

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	16.89
277.00	23.70	24.09
0.00	0.00	0.00

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Misc :
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Quant Time: Jul 03 18:06:33 2024
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LabSampleId :
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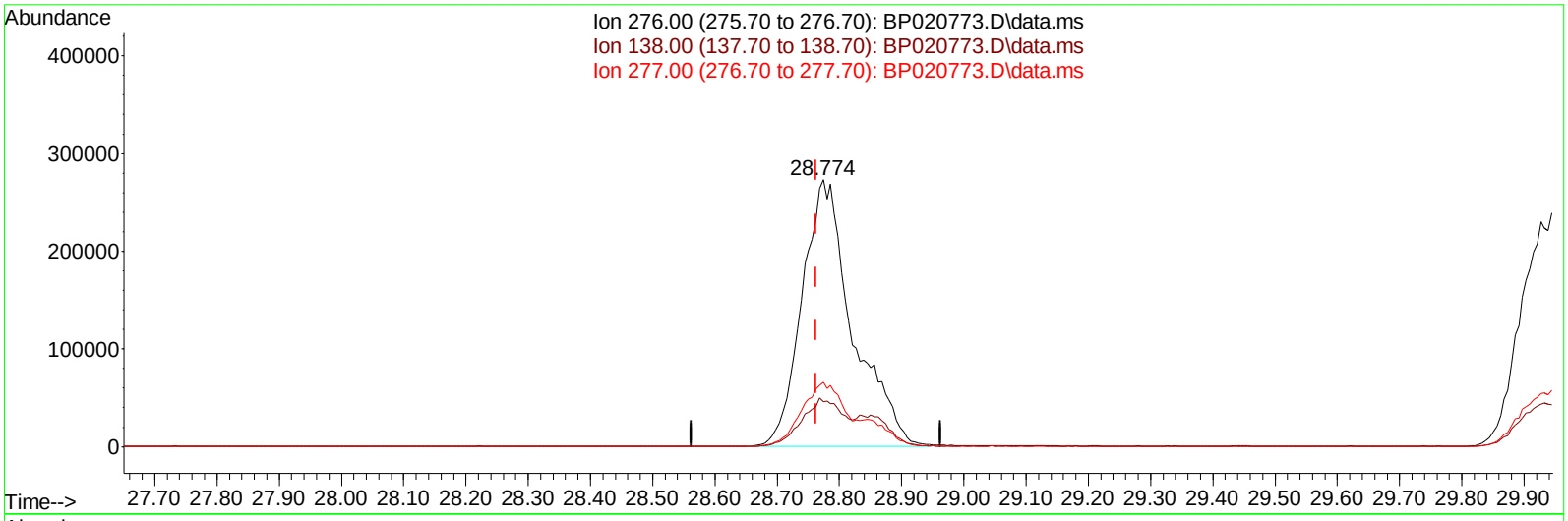

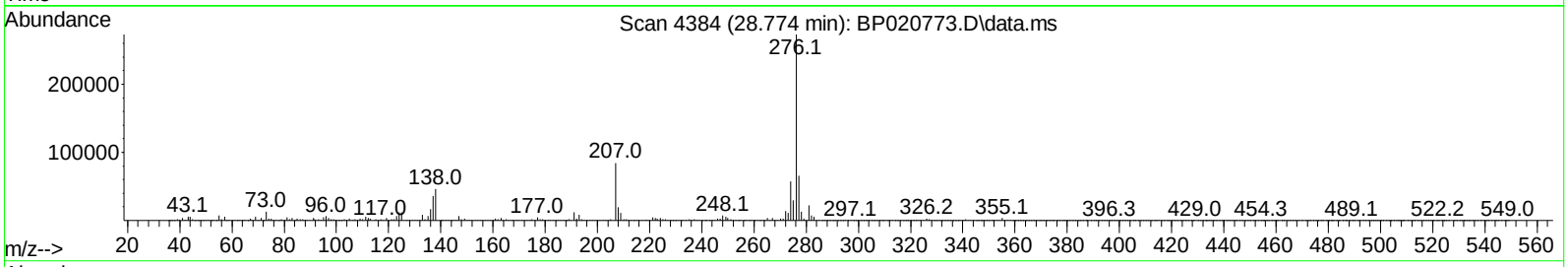

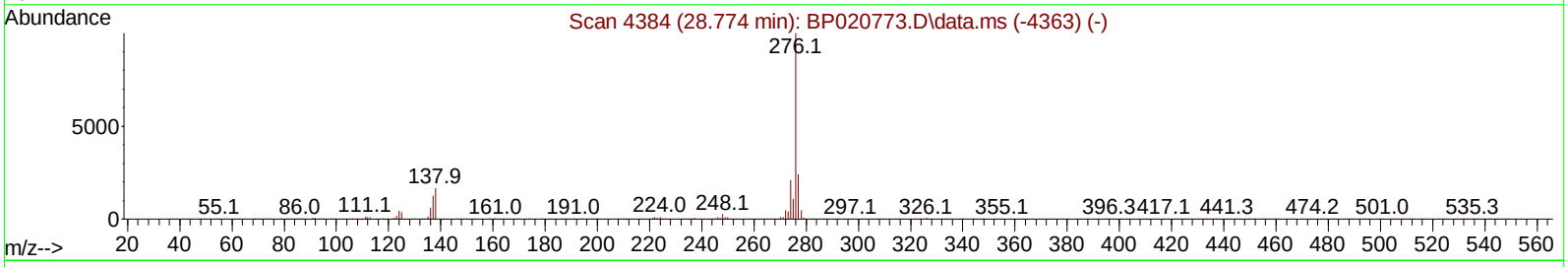

TIC: BP020773.D\data.ms

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

28.774min (+ 0.012) 18.01 ng/ul m

response 1545387

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	16.89
277.00	23.70	24.09
0.00	0.00	0.00

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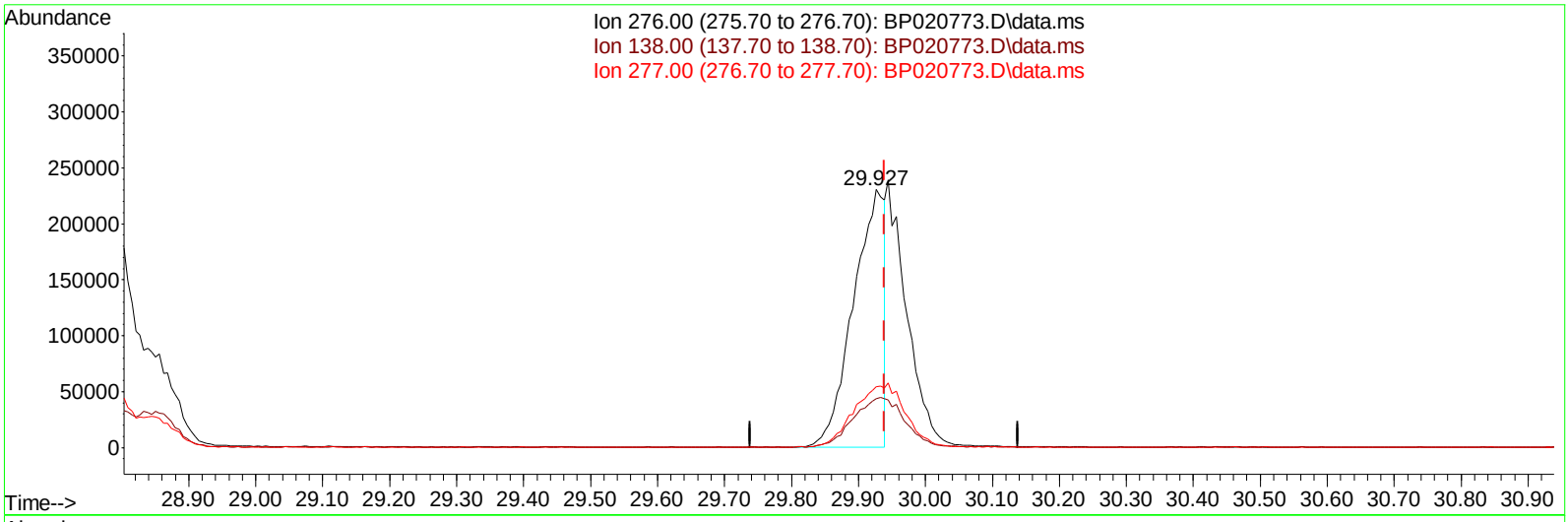

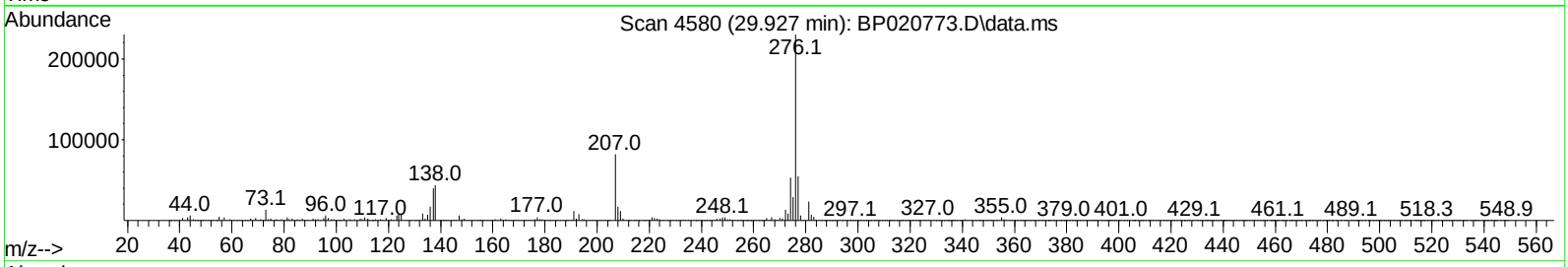

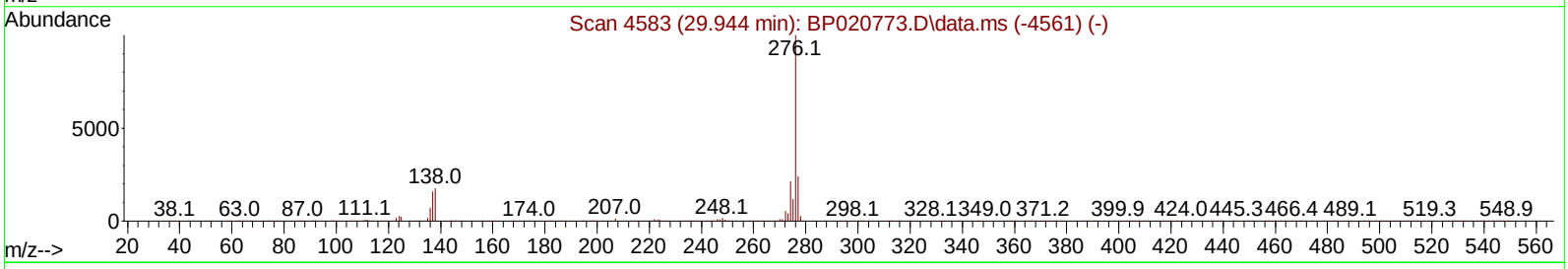

TIC: BP020773.D\data.ms

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

29.927min (-0.012) 10.58 ng/ul

response 741140

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	18.98
277.00	23.40	23.66
0.00	0.00	0.00

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Operator : MA/JU
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Quant Time: Jul 03 18:06:33 2024
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Manual IntegrationsAPPROVED

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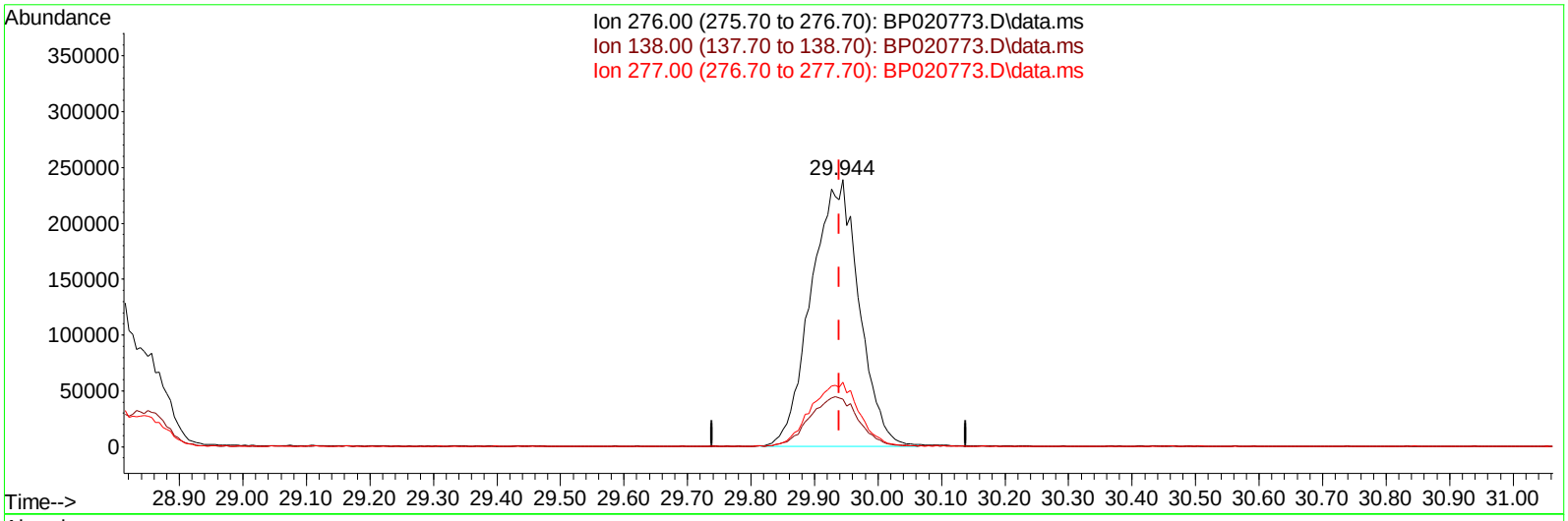

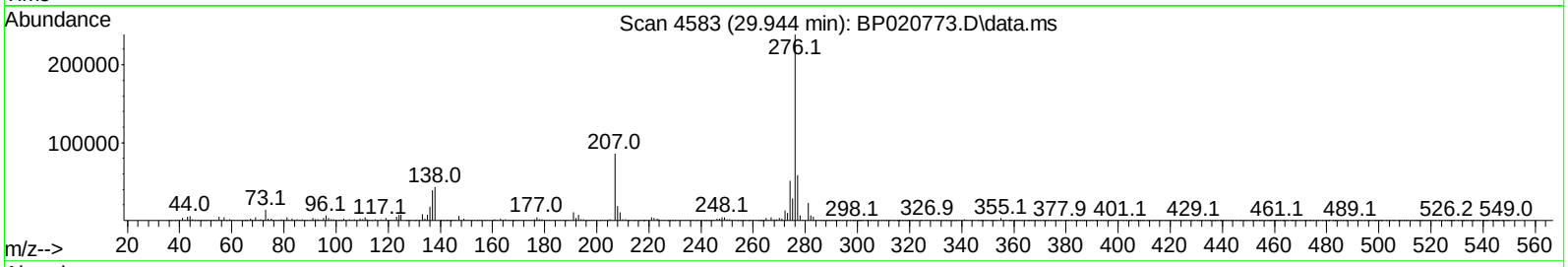

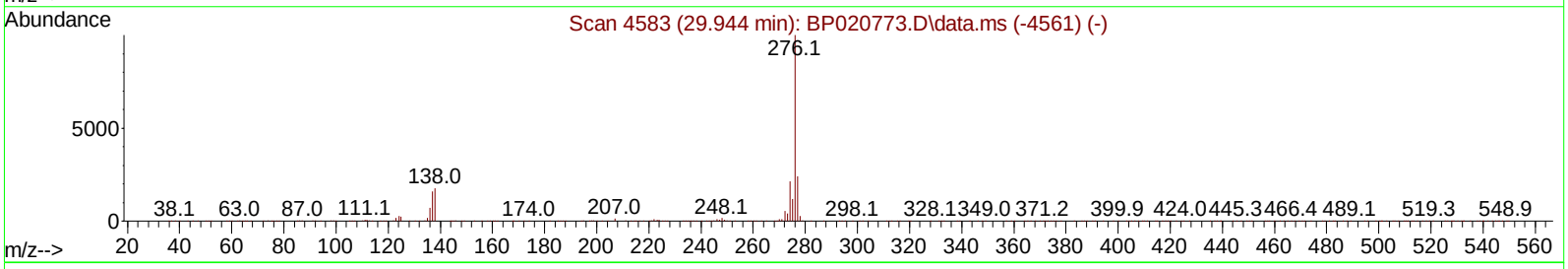

TIC: BP020773.D\data.ms

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

29.944min (+ 0.006) 17.71 ng/ul m

response 1240804

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	17.91
277.00	23.40	24.26
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	176040	20.000	ng/ul	0.00
20) Naphthalene-d8	10.498	136	725117	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	472113	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1011812	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	965390	20.000	ng/ul	0.00
88) Perylene-d12	24.968	264	1169890	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	28645	6.987	ng/uL	0.00
4) Pyridine-d5	3.681	84	201858	16.895	ng/ul	0.00
7) Phenol-d5	6.916	99	260842	18.066	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	154276	16.854	ng/ul	0.00
11) 2-Chlorophenol-d4	7.275	132	218333	18.502	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	214869	18.323	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128	106178	19.833	ng/ul	0.00
24) 2-Nitrophenol-d4	9.598	143	118887	22.191	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	216932	19.658	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	296169	19.150	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	644020	19.619	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	729329	18.620	ng/ul	0.01
54) 4-Nitrophenol-d4	14.598	143	110033	21.939	ng/ul	0.02
60) Fluorene-d10	15.369	176	536376	19.418	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	94053	18.446	ng/ul	0.00
73) Anthracene-d10	17.269	188	859131	18.919	ng/ul	0.00
81) Pyrene-d10	19.651	212	1015741	17.514	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.727	264	1063968	18.696	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	30894	6.734	ng/uL#	92
5) Pyridine	3.699	79	212263	17.151	ng/ul	97
6) Benzaldehyde	6.899	77	162320	22.231	ng/ul	97
8) Phenol	6.946	94	260578	17.697	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.169	93	210750	17.289	ng/ul	97
12) 2-Chlorophenol	7.304	128	215990	18.208	ng/ul	98
13) 2-Methylphenol	8.181	108	203936	18.052	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	300805	16.237	ng/ul	97
16) Acetophenone	8.551	105	331858	17.721	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.534	70	164772	16.553	ng/ul	98
18) 4-Methylphenol	8.504	108	218787	18.297	ng/ul	99
19) Hexachloroethane	8.793	117	91994	17.864	ng/ul	96
22) Nitrobenzene	8.928	77	251032	18.088	ng/ul	97
23) Isophorone	9.440	82	477474	17.364	ng/ul	98
25) 2-Nitrophenol	9.628	139	125005	21.606	ng/ul	95
26) 2,4-Dimethylphenol	9.687	107	242559	18.001	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.922	93	283941	17.357	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	210541	19.275	ng/ul	97
30) Naphthalene	10.551	128	697295	17.966	ng/ul	99
32) 4-Chloroaniline	10.669	127	278070	18.675	ng/ul	98
33) Hexachlorobutadiene	10.816	225	155111	18.994	ng/ul	100
34) Caprolactam	11.463	113	68923	20.735	ng/ul	87
35) 4-Chloro-3-methylphenol	11.804	107	229205	19.005	ng/ul	96

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.163	142	475897	18.305	ng/ul	99
37) 1-Methylnaphthalene	12.387	142	492878	18.545	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	280345	18.573	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	215328	22.920	ng/ul	100
41) 2,4,6-Trichlorophenol	12.787	196	181730	20.182	ng/ul	97
42) 2,4,5-Trichlorophenol	12.857	196	194417	20.818	ng/ul	96
43) 1,1'-Biphenyl	13.181	154	633348	17.938	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	501218	18.024	ng/ul	98
45) 2-Nitroaniline	13.445	65	148551	21.208	ng/ul	90
47) Dimethylphthalate	13.816	163	647969	19.378	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	131586	22.069	ng/ul	96
50) Acenaphthylene	14.081	152	809567	18.298	ng/ul	99
51) 3-Nitroaniline	14.281	138	136536	24.638	ng/ul	94
52) Acenaphthene	14.422	153	534720	18.219	ng/ul	98
53) 2,4-Dinitrophenol	14.486	184	56755	18.351	ng/ul	98
55) 4-Nitrophenol	14.616	109	91371	20.358	ng/ul	94
56) Dibenzofuran	14.763	168	745269	18.844	ng/ul	100
57) 2,4-Dinitrotoluene	14.733	165	195231	23.721	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.004	232	170244	22.071	ng/ul	95
59) Diethylphthalate	15.192	149	653786	19.822	ng/ul	97
61) Fluorene	15.428	166	615550	19.371	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	316713	19.100	ng/ul	98
63) 4-Nitroaniline	15.463	138	143318	27.250	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.522	198	102163	18.704	ng/ul	91
67) N-Nitrosodiphenylamine	15.639	169	532387	17.842	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	206500	18.297	ng/ul	98
69) Hexachlorobenzene	16.451	284	237219	18.777	ng/ul	95
70) Atrazine	16.616	200	205217	19.508	ng/ul	99
71) Pentachlorophenol	16.816	266	143748	19.763	ng/ul	96
72) Phenanthrene	17.210	178	980449	18.505	ng/ul	99
74) Anthracene	17.304	178	1020407	18.723	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	276498	16.835	ng/uL	98
76) Pentachlorobenzene	14.681	250	279898	17.881	ng/uL	99
77) Carbazole	17.586	167	899809	20.005	ng/ul	99
78) Di-n-butylphthalate	18.174	149	1146410	19.624	ng/ul	100
80) Fluoranthene	19.304	202	1206918	17.036	ng/ul	99
82) Pyrene	19.680	202	1256526	17.294	ng/ul	98
83) Butylbenzylphthalate	20.627	149	529480	19.626	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.527	252	396578	18.580	ng/ul	96
85) Benzo(a)anthracene	21.592	228	1240286	18.329	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	774700	18.495	ng/ul	99
87) Chrysene	21.663	228	1157991	18.105	ng/ul	99
89) Di-n-octyl phthalate	22.804	149	1367141	18.203	ng/ul	100
90) Benzo(b)fluoranthene	23.892	252	1262427	17.812	ng/ul	99
91) Benzo(k)fluoranthene	23.968	252	1256776	17.530	ng/ul	99
93) Benzo(a)pyrene	24.798	252	1206706	18.036	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.774	276	1545387m	18.009	ng/ul	
95) Dibenzo(a,h)anthracene	28.856	278	1263090	17.909	ng/ul	99
96) Benzo(g,h,i)perylene	29.944	276	1240804m	17.710	ng/ul	

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

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