Quantitation Report (Qedit)

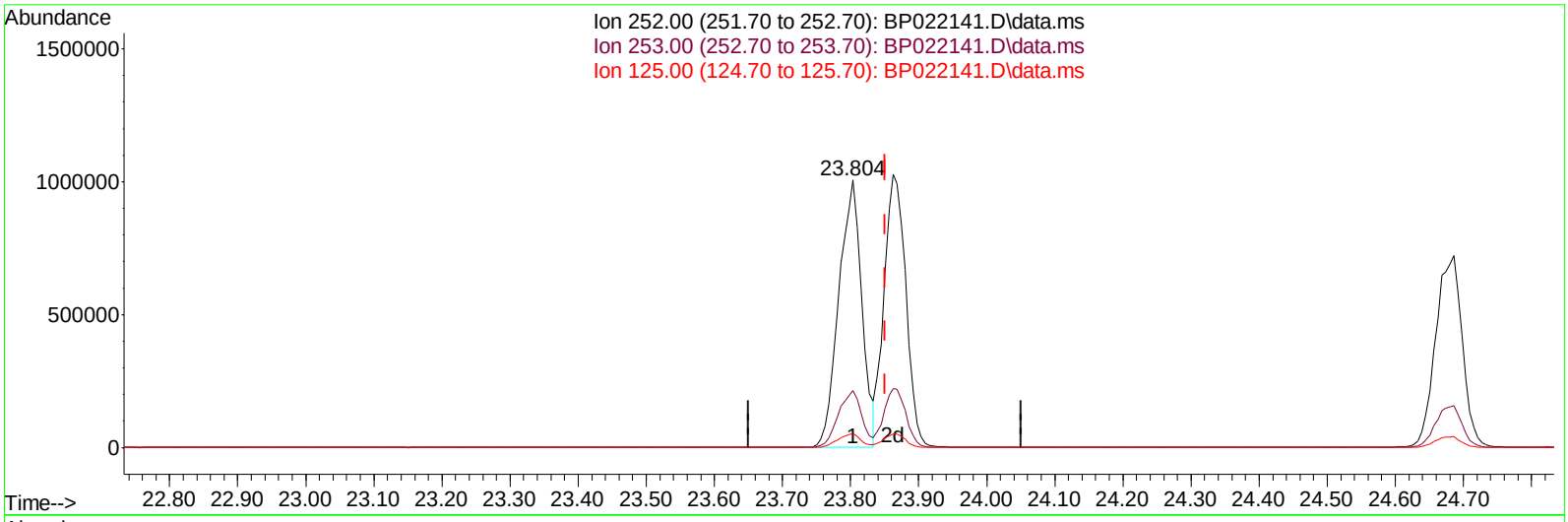
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100124\
Data File : BP022141.D
Acq On : 01 Oct 2024 18:34
Operator : RC/JU
Sample : PB163565BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

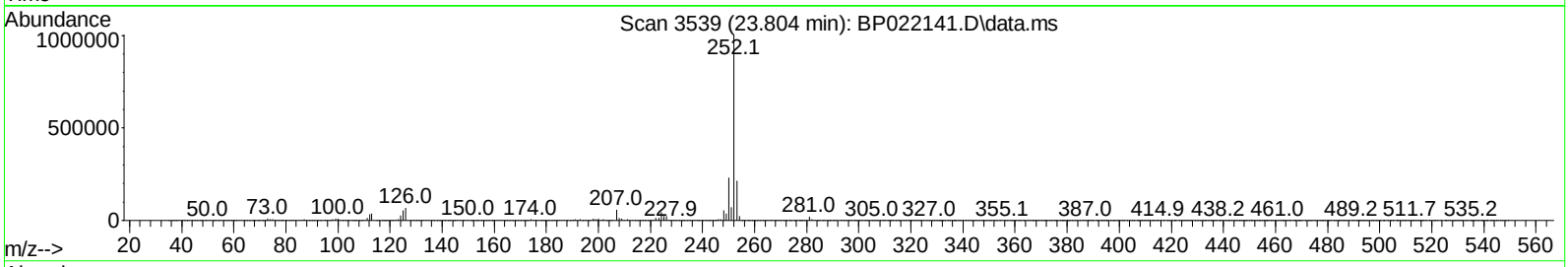
Quant Time: Oct 02 01:06:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

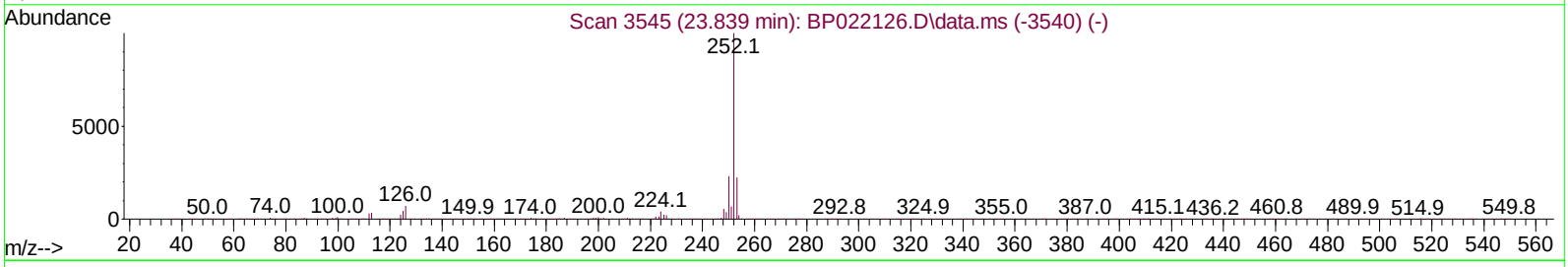
Instrument :
BNA_P
ClientSampleId :
SLCS565

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024







TIC: BP022141.D\data.ms

(91) Benzo(k)fluoranthene

23.804min (-0.047) 26.71 ng/ul

response 2357131

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	21.38
125.00	6.30	5.42
0.00	0.00	0.00

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Acq On : 01 Oct 2024 18:34
Operator : RC/JU
Sample : PB163565BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 02 01:10:00 2024
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Quant Title : SVOA CALIBRATION
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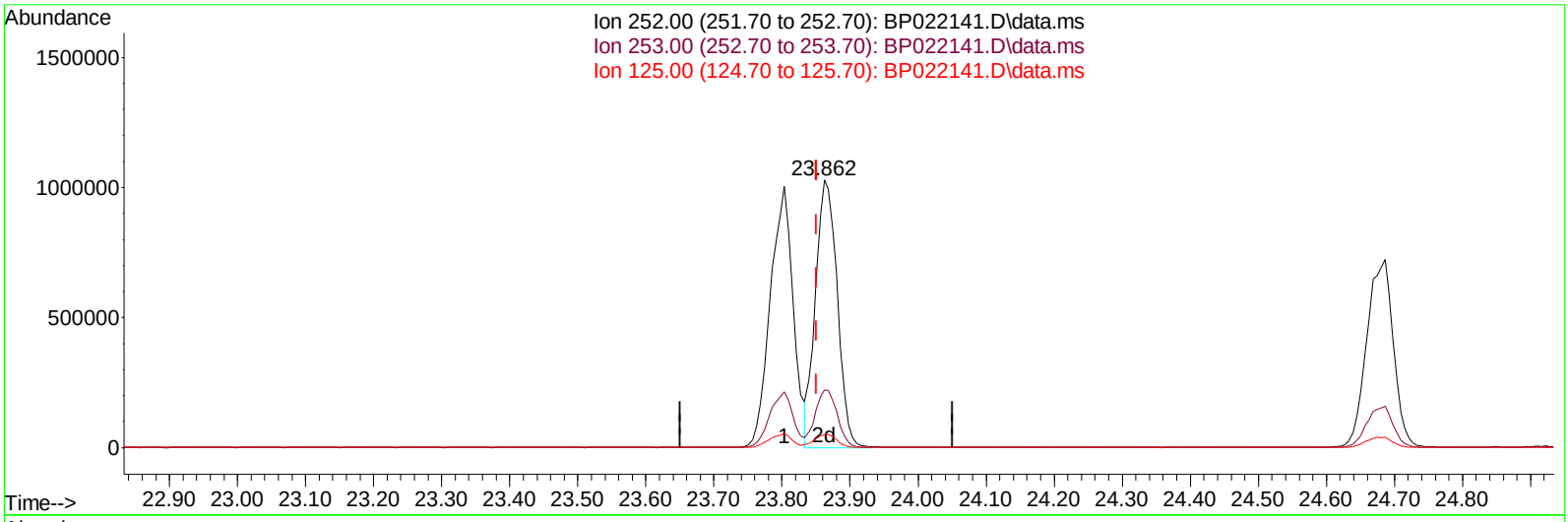

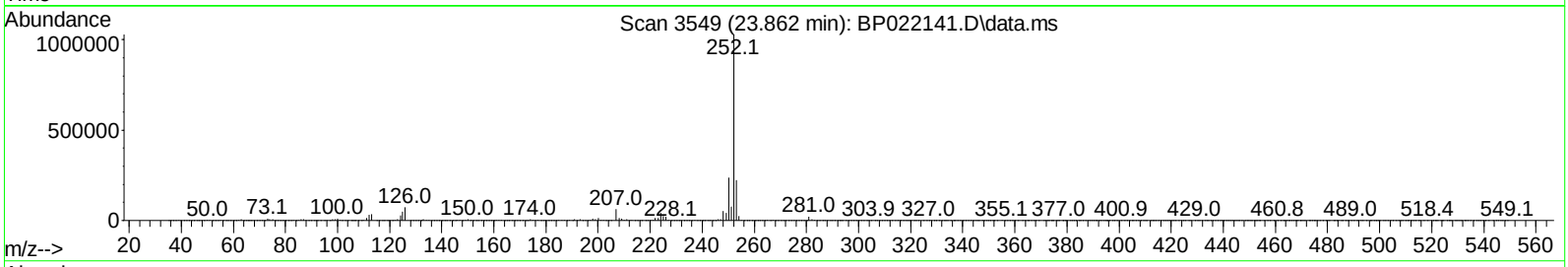

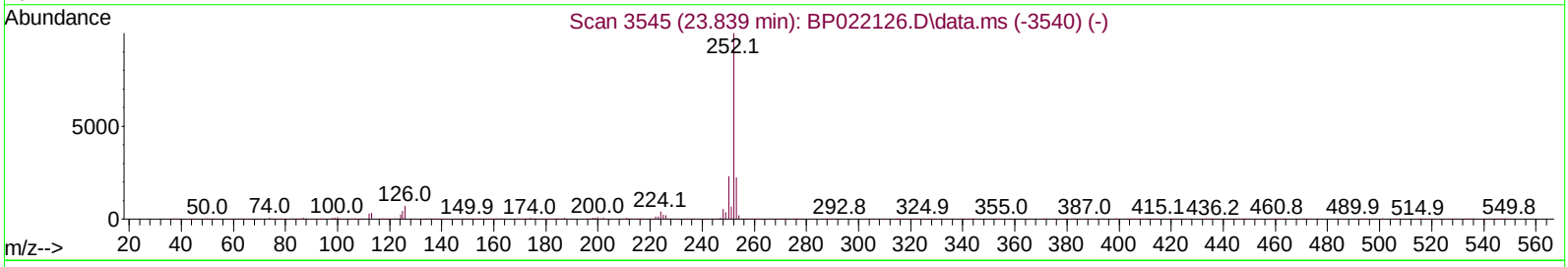

TIC: BP022141.D\data.ms

(91) Benzo(k)fluoranthene

23.862min (+ 0.012) 25.99 ng/ul m

response 2293838

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	21.61
125.00	6.30	4.92#
0.00	0.00	0.00

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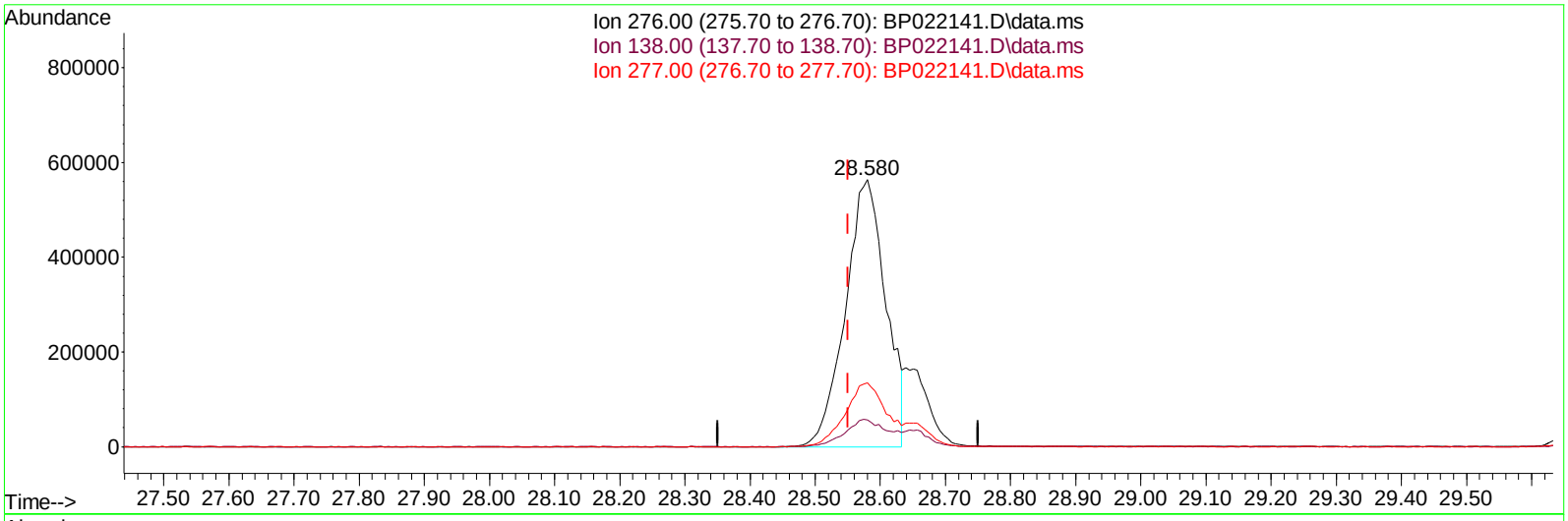

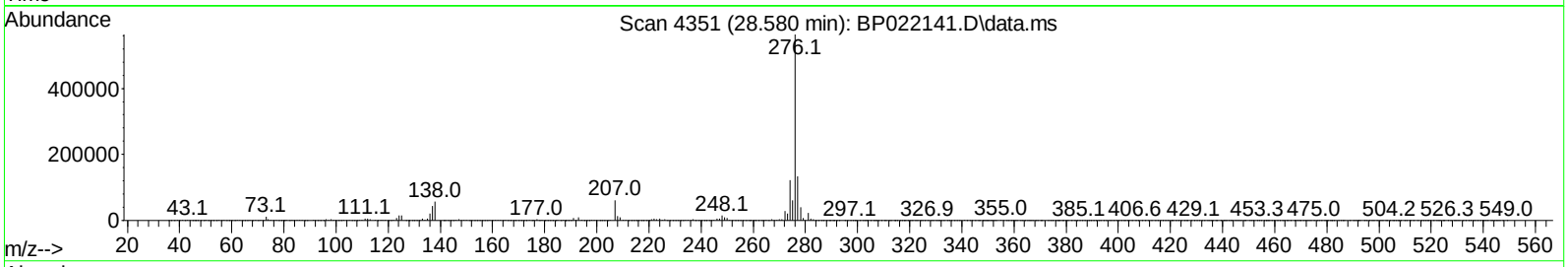

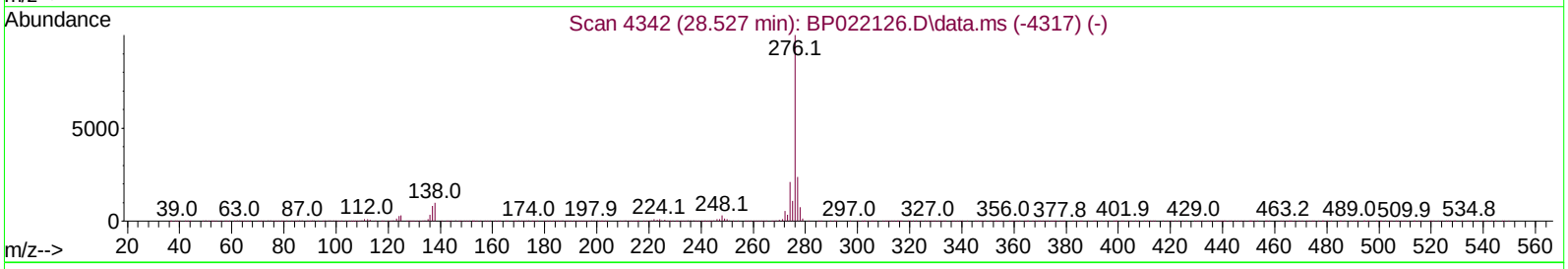

TIC: BP022141.D\data.ms

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

28.580min (+ 0.029) 22.79 ng/ul

response 2423870

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	10.10
277.00	24.20	23.90
0.00	0.00	0.00

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Operator : RC/JU
Sample : PB163565BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 02 01:10:00 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
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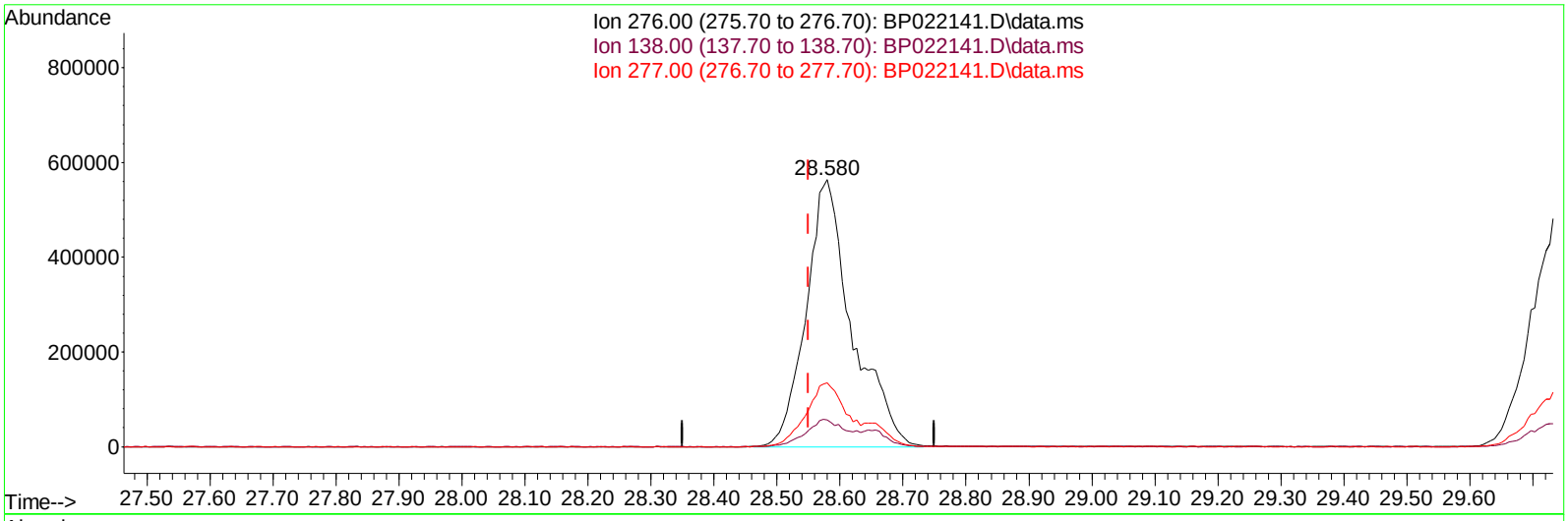

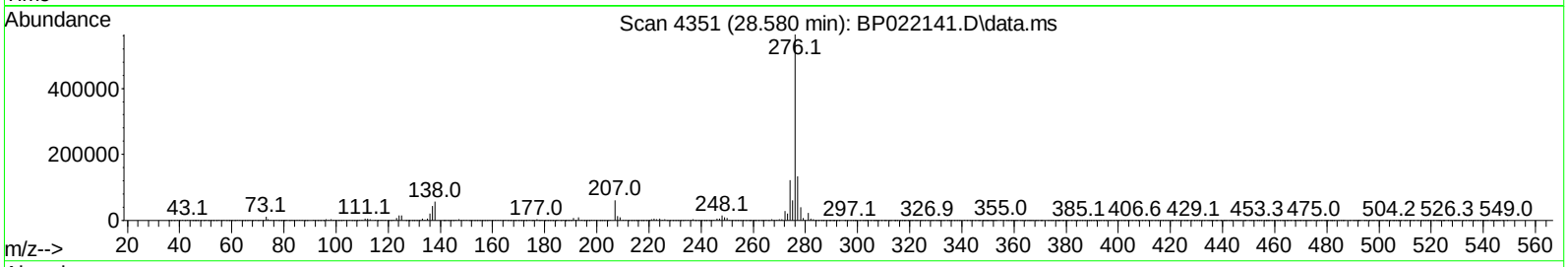

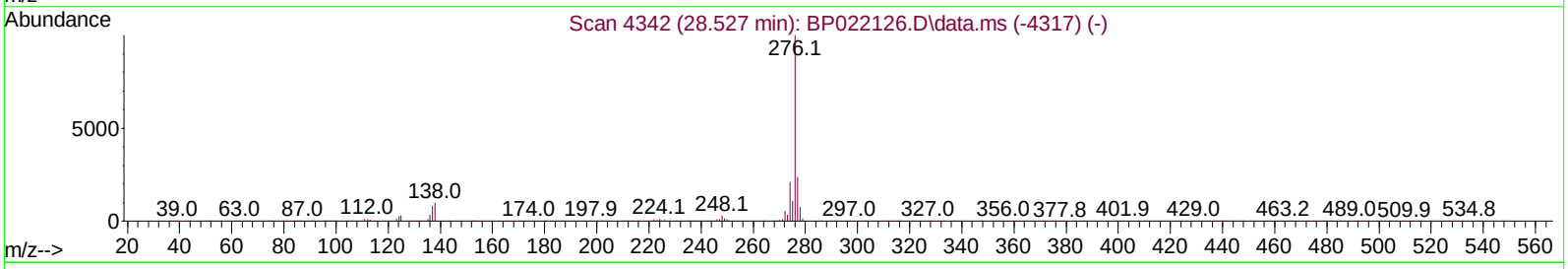

TIC: BP022141.D\data.ms

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

28.580min (+ 0.029) 26.83 ng/ul m

response 2853869

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	10.10
277.00	24.20	23.90
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	175495	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	654689	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.310	164	489333	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.110	188	1124968	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1204883	20.000	ng/ul	0.01
88) Perylene-d12	24.851	264	1426241	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	16979	3.790	ng/uL	0.00
4) Pyridine-d5	3.628	84	246901	19.279	ng/ul	0.00
7) Phenol-d5	6.887	99	327272	22.797	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	187706	21.234	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	253457	24.402	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	255449	22.456	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	120623	24.616	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143	147130	26.481	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	296224	24.551	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	310680	21.580	ng/ul	0.00
46) Dimethylphthalate-d6	13.728	166	884462	23.382	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	959784	23.966	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	150909	23.324	ng/ul	0.00
60) Fluorene-d10	15.316	176	772417	23.085	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	180771	25.882	ng/ul	0.01
73) Anthracene-d10	17.216	188	1227744	23.378	ng/ul	0.00
81) Pyrene-d10	19.586	212	1589830	25.469	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.610	264	1783460	23.775	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	39373	8.112	ng/uL	99
5) Pyridine	3.652	79	248087	19.067	ng/ul	98
6) Benzaldehyde	6.852	77	143538	17.675	ng/ul	98
8) Phenol	6.910	94	377449	25.195	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.128	93	279187	24.348	ng/ul	99
12) 2-Chlorophenol	7.275	128	284861	26.455	ng/ul	97
13) 2-Methylphenol	8.140	108	271447	24.983	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	251585	23.652	ng/ul	98
16) Acetophenone	8.510	105	458164	24.213	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.493	70	240809	24.549	ng/ul	99
18) 4-Methylphenol	8.463	108	295704	24.957	ng/ul	99
19) Hexachloroethane	8.757	117	114651	22.556	ng/ul	92
22) Nitrobenzene	8.881	77	365698	24.410	ng/ul	96
23) Isophorone	9.404	82	664539	25.609	ng/ul	98
25) 2-Nitrophenol	9.587	139	167398	28.159	ng/ul	95
26) 2,4-Dimethylphenol	9.646	107	252452	18.746	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.875	93	371698	24.849	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	312227	26.046	ng/ul	97
30) Naphthalene	10.504	128	856777	24.871	ng/ul	100
32) 4-Chloroaniline	10.622	127	301425	21.141	ng/ul	100
33) Hexachlorobutadiene	10.793	225	261694	24.588	ng/ul	96
34) Caprolactam	11.404	113	81367	22.376	ng/ul	90
35) 4-Chloro-3-methylphenol	11.751	107	341244	26.313	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.116	142	644324	25.169	ng/ul	98
37) 1-Methylnaphthalene	12.345	142	653005	25.292	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	465250	25.645	ng/ul#	97
40) Hexachlorocyclopentadiene	12.469	237	125892	11.032	ng/ul	98
41) 2,4,6-Trichlorophenol	12.740	196	259321	23.910	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	297464	25.328	ng/ul	99
43) 1,1'-Biphenyl	13.145	154	896565	25.622	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	734287	26.062	ng/ul	98
45) 2-Nitroaniline	13.392	65	228439	28.041	ng/ul	93
47) Dimethylphthalate	13.775	163	974408	25.647	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	205828	28.260	ng/ul	93
50) Acenaphthylene	14.034	152	1110385	26.587	ng/ul	99
51) 3-Nitroaniline	14.216	138	189200	28.532	ng/ul	97
52) Acenaphthene	14.375	153	738694	24.343	ng/ul	98
53) 2,4-Dinitrophenol	14.434	184	130193	26.271	ng/ul	96
55) 4-Nitrophenol	14.539	109	180844	24.706	ng/ul	96
56) Dibenzofuran	14.722	168	1132577	25.104	ng/ul	98
57) 2,4-Dinitrotoluene	14.686	165	305608	27.228	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.957	232	230268	20.368	ng/ul#	99
59) Diethylphthalate	15.151	149	939212	24.979	ng/ul	99
61) Fluorene	15.375	166	937240	24.981	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.369	204	533352	24.692	ng/ul	99
63) 4-Nitroaniline	15.404	138	204127	30.246	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.469	198	205703	27.052	ng/ul	95
67) N-Nitrosodiphenylamine	15.581	169	806542	27.221	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	375977	27.830	ng/ul	96
69) Hexachlorobenzene	16.398	284	461124	28.111	ng/ul	95
70) Atrazine	16.563	200	2314	0.175	ng/ul	99
71) Pentachlorophenol	16.751	266	210479	19.232	ng/ul	98
72) Phenanthrene	17.157	178	1561971	26.481	ng/ul	99
74) Anthracene	17.251	178	1508995	25.140	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	492322	29.164	ng/uL	97
76) Pentachlorobenzene	14.634	250	457447	24.641	ng/uL	99
77) Carbazole	17.533	167	1383259	26.147	ng/ul	99
78) Di-n-butylphthalate	18.122	149	1629761	26.721	ng/ul	99
80) Fluoranthene	19.245	202	2017464	28.277	ng/ul	99
82) Pyrene	19.622	202	2148214	27.972	ng/ul	96
83) Butylbenzylphthalate	20.574	149	770455	28.786	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	828952	30.048	ng/ul	99
85) Benzo(a)anthracene	21.527	228	2210247	26.618	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1080446	27.514	ng/ul	99
87) Chrysene	21.598	228	2068225	26.540	ng/ul	100
89) Di-n-octyl phthalate	22.715	149	1889129	26.813	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	2357131	26.623	ng/ul	98
91) Benzo(k)fluoranthene	23.862	252	2293838m	25.995	ng/ul	
93) Benzo(a)pyrene	24.686	252	1958101	24.002	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.580	276	2853869m	26.829	ng/ul	
95) Dibenzo(a,h)anthracene	28.656	278	2324420	27.126	ng/ul#	98
96) Benzo(g,h,i)perylene	29.733	276	2221413	26.914	ng/ul	99

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

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