

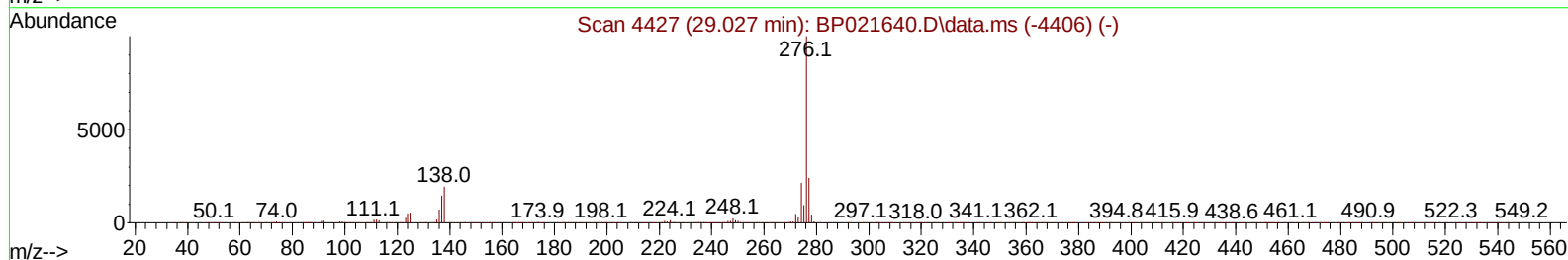
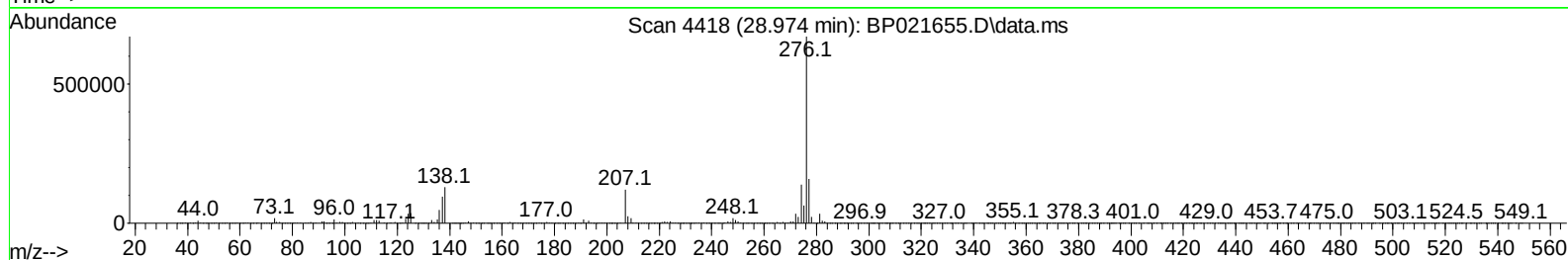
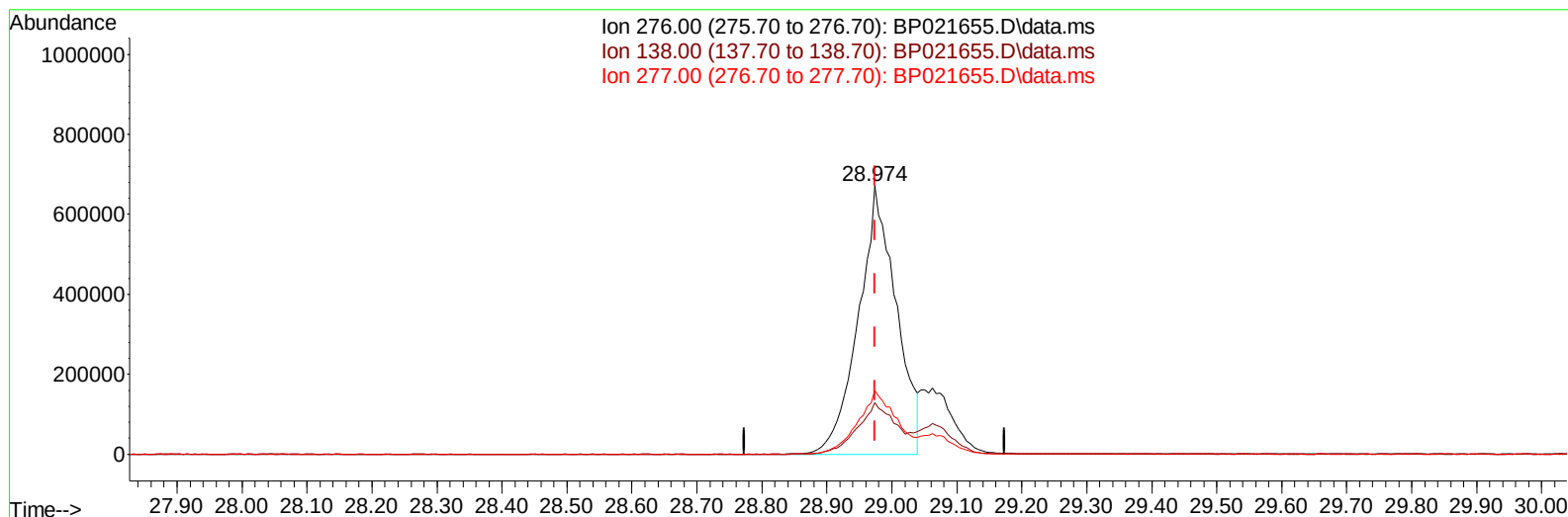
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
Data File : BP021655.D
Acq On : 27 Aug 2024 03:20
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Aug 27 05:13:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 05:11:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/29/2024



TIC: BP021655.D\data.ms

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

28.974min (0.000) 16.42 ng/u1

response 2714262

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.19
277.00	23.80	23.71
0.00	0.00	0.00

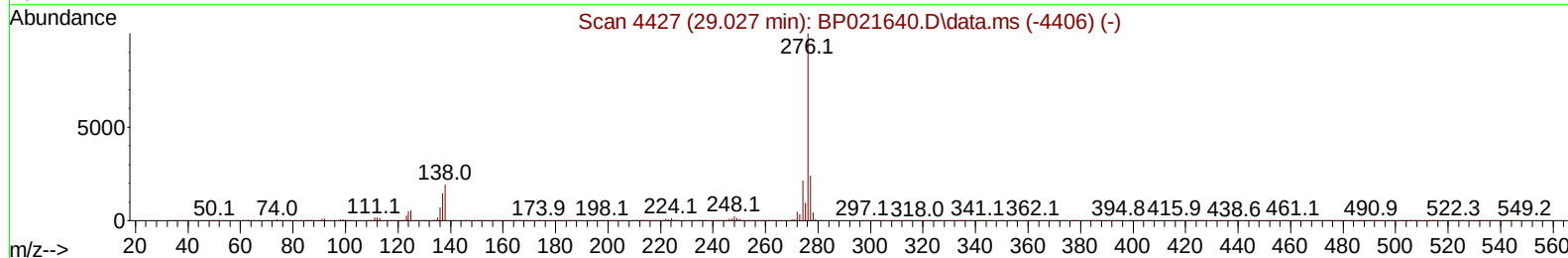
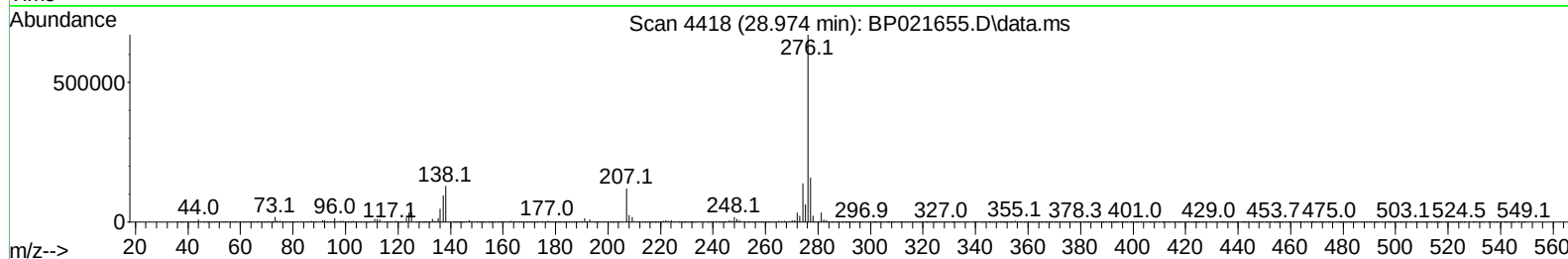
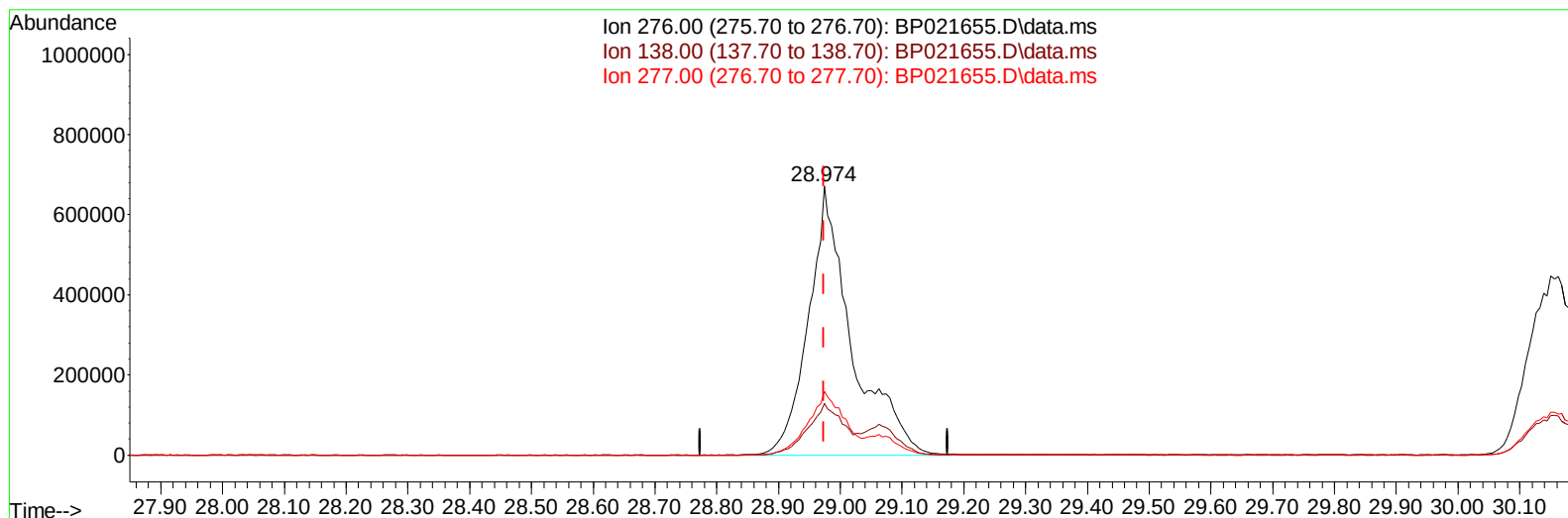
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TIC: BP021655.D\data.ms

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

28.974min (0.000) 19.85 ng/ul m

response 3280916

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.19
277.00	23.80	23.71
0.00	0.00	0.00

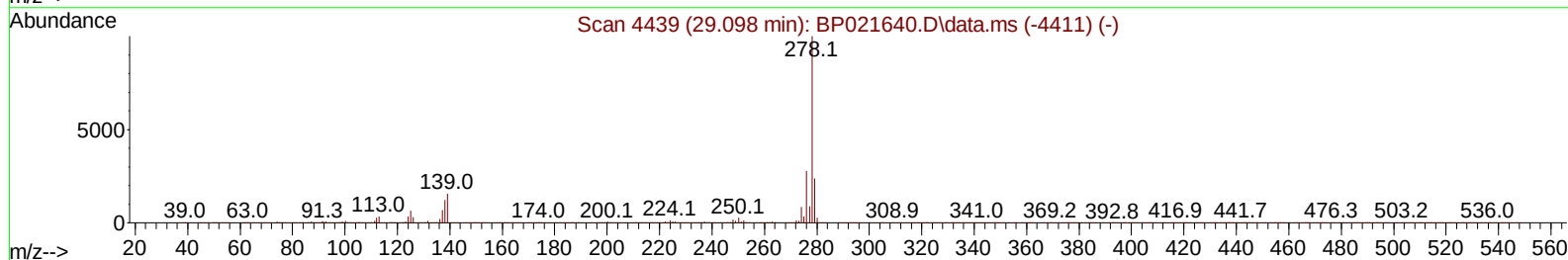
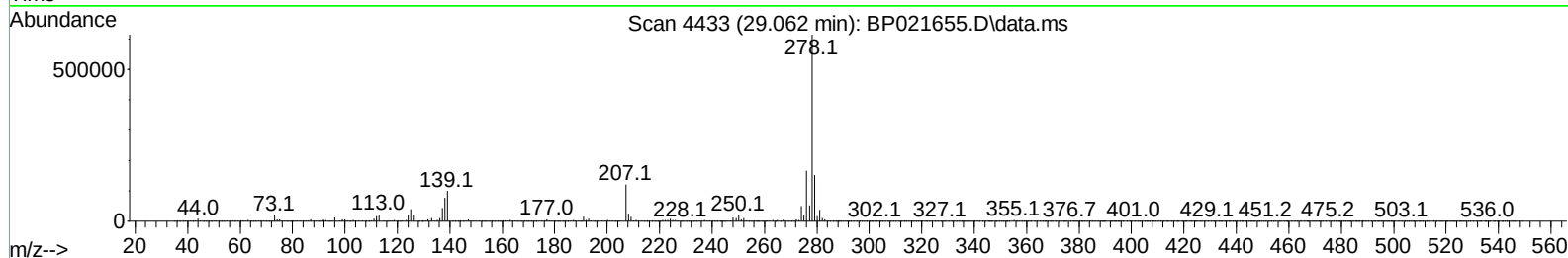
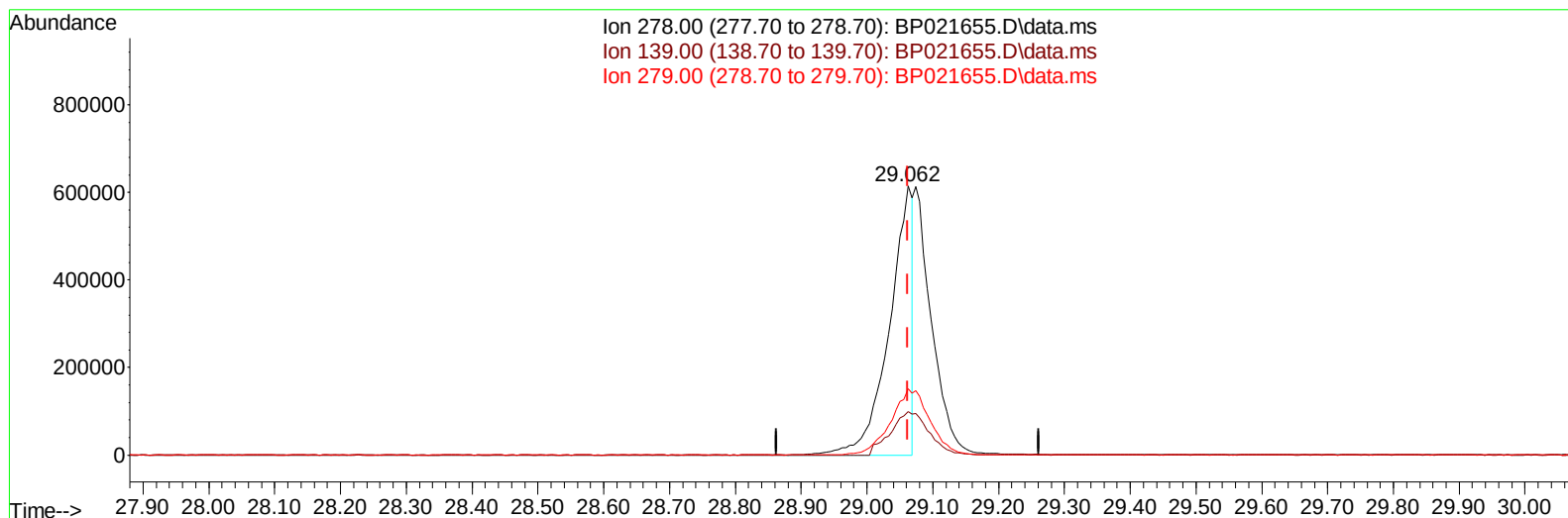
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TIC: BP021655.D\data.ms

(95) Dibenzo(a,h)anthracene

29.062min (0.000) 11.29 ng/u1

response 1499275

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	16.22
279.00	23.60	24.61
0.00	0.00	0.00

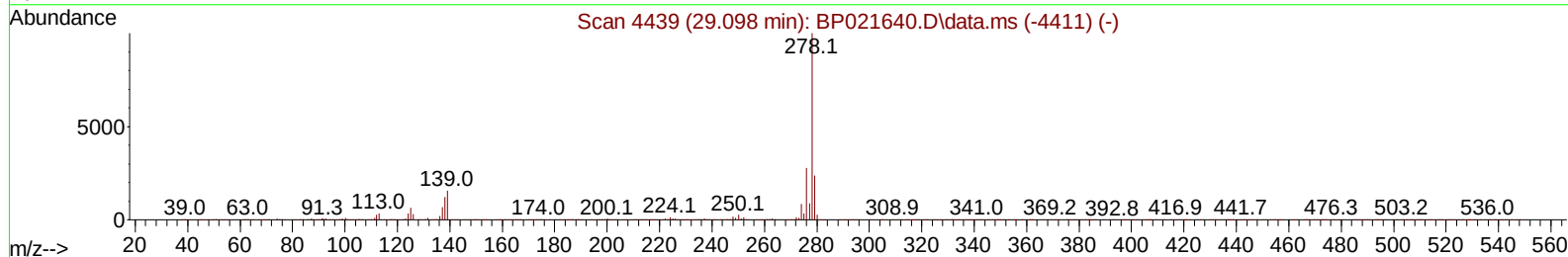
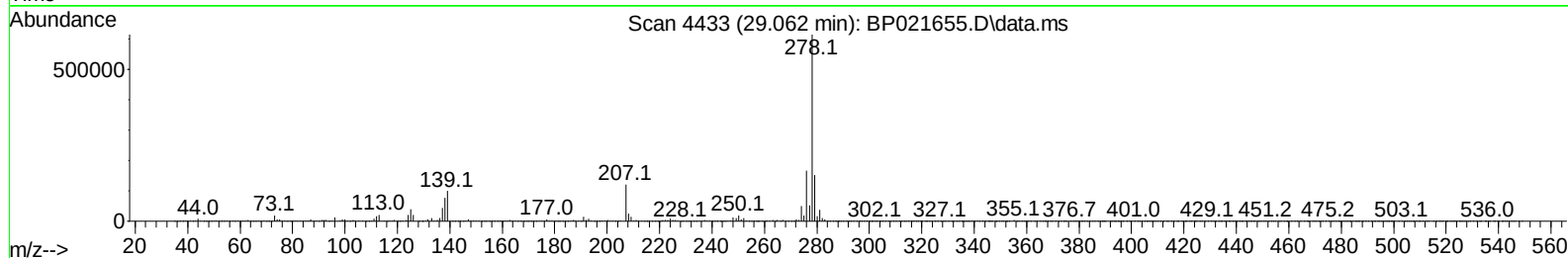
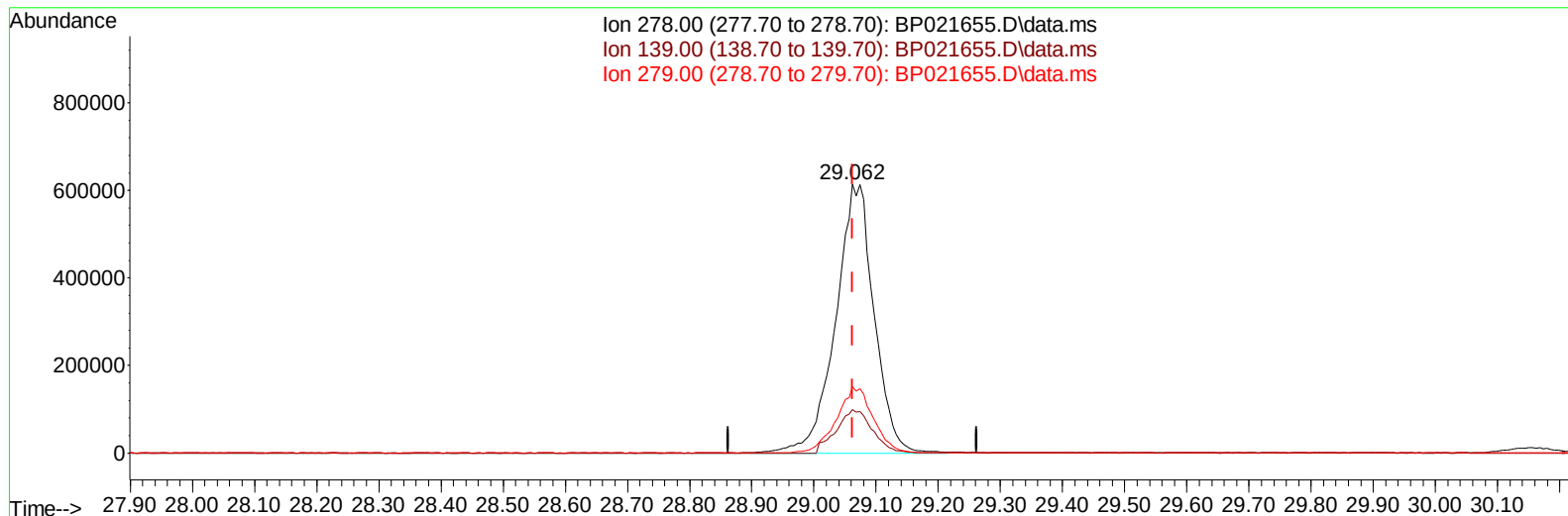
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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LabSampleId :
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TIC: BP021655.D\data.ms

(95) Dibenzo(a,h)anthracene

29.062min (0.000) 19.89 ng/ul m

response 2641242

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	16.22
279.00	23.60	24.61
0.00	0.00	0.00

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Instrument :
 BNA_P
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Quant Time: Aug 27 05:15:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 05:11:38 2024
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Reviewed By :Jagrut Upadhyay 08/27/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	327889	20.000	ng/uI	0.00
20) Naphthalene-d8	10.581	136	1367530	20.000	ng/uI	0.00
38) Acenaphthene-d10	14.439	164	904330	20.000	ng/uI	0.00
64) Phenanthrene-d10	17.251	188	1947989	20.000	ng/uI	0.00
79) Chrysene-d12	21.692	240	1921173	20.000	ng/uI	0.00
88) Perylene-d12	25.098	264	2223701	20.000	ng/uI	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	75809	7.676	ng/uL	0.00
4) Pyridine-d5	3.693	84	567001	19.848	ng/uI	0.00
7) Phenol-d5	6.957	99	670013	19.147	ng/uI	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	380252	19.968	ng/uI	0.00
11) 2-Chlorophenol-d4	7.328	132	450394	19.937	ng/uI	0.00
15) 4-Methylphenol-d8	8.493	113	526272	19.463	ng/uI	0.00
21) Nitrobenzene-d5	8.940	128	222804	20.251	ng/uI	0.00
24) 2-Nitrophenol-d4	9.657	143	227420	20.364	ng/uI	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	448086	20.360	ng/uI	0.00
31) 4-Chloroaniline-d4	10.704	131	630282	19.685	ng/uI	0.00
46) Dimethylphthalate-d6	13.839	166	1400458	20.239	ng/uI	0.00
49) Acenaphthylene-d8	14.128	160	1570526	20.215	ng/uI	0.00
54) 4-Nitrophenol-d4	14.628	143	259431	19.706	ng/uI	0.00
60) Fluorene-d10	15.451	176	1178913	20.265	ng/uI	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	199535	18.624	ng/uI	0.00
73) Anthracene-d10	17.351	188	1857559	20.093	ng/uI	0.00
81) Pyrene-d10	19.721	212	2196069	19.997	ng/uI	0.00
92) Benzo(a)pyrene-d12	24.874	264	2346731	19.791	ng/uI	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	81504	7.765	ng/uL	99
5) Pyridine	3.711	79	562911	19.720	ng/uI	98
6) Benzaldehyde	6.940	77	433080	24.197	ng/uI	98
8) Phenol	6.987	94	698692	19.149	ng/uI	99
10) Bis(2-Chloroethyl)ether	7.216	93	564570	19.906	ng/uI	100
12) 2-Chlorophenol	7.363	128	479739	20.232	ng/uI	99
13) 2-Methylphenol	8.228	108	508542	19.320	ng/uI	98
14) 2,2'-oxybis(1-Chloropr...	8.310	45	557523	20.367	ng/uI	98
16) Acetophenone	8.604	105	862646	19.900	ng/uI	98
17) N-Nitroso-di-n-propyla...	8.593	70	407077	19.899	ng/uI	99
18) 4-Methylphenol	8.557	108	567451	19.692	ng/uI	98
19) Hexachloroethane	8.869	117	216486	20.419	ng/uI	96
22) Nitrobenzene	8.981	77	619898	20.206	ng/uI	99
23) Isophorone	9.510	82	1221269	19.838	ng/uI	99
25) 2-Nitrophenol	9.693	139	255723	20.667	ng/uI	98
26) 2,4-Dimethylphenol	9.751	107	612275	20.161	ng/uI	99
27) Bis(2-Chloroethoxy)met...	9.987	93	778654	20.168	ng/uI	99
29) 2,4-Dichlorophenol	10.222	162	455578	20.600	ng/uI	98
30) Naphthalene	10.628	128	1531697	19.873	ng/uI	100
32) 4-Chloroaniline	10.728	127	638507	19.753	ng/uI	98
33) Hexachlorobutadiene	10.922	225	302218	20.367	ng/uI	98
34) Caprolactam	11.504	113	178158	19.051	ng/uI	98
35) 4-Chloro-3-methylphenol	11.863	107	593923	20.291	ng/uI	100

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 QLast Update : Tue Aug 27 05:11:38 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	1041938	19.986	ng/ul	99
37) 1-Methylnaphthalene	12.463	142	1056101	20.141	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	584241	20.498	ng/ul	100
40) Hexachlorocyclopentadiene	12.598	237	323120	19.757	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	380409	20.729	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	407959	20.588	ng/ul	99
43) 1,1'-Biphenyl	13.263	154	1367242	19.983	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	1075430	20.047	ng/ul	99
45) 2-Nitroaniline	13.504	65	347025	20.649	ng/ul	97
47) Dimethylphthalate	13.886	163	1383412	19.966	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	267012	20.895	ng/ul	100
50) Acenaphthylene	14.157	152	1686378	20.183	ng/ul	99
51) 3-Nitroaniline	14.328	138	297019	21.271	ng/ul	100
52) Acenaphthene	14.504	153	1180755	20.095	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	131562	17.197	ng/ul	99
55) 4-Nitrophenol	14.645	109	238826	19.813	ng/ul	97
56) Dibenzofuran	14.845	168	1651092	20.311	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	409263	21.313	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.075	232	351666	20.599	ng/ul	99
59) Diethylphthalate	15.281	149	1411551	20.287	ng/ul	100
61) Fluorene	15.510	166	1309984	19.923	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	664007	20.098	ng/ul	97
63) 4-Nitroaniline	15.516	138	313249	23.211	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.580	198	225405	18.808	ng/ul	99
67) N-Nitrosodiphenylamine	15.722	169	1152301	20.108	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	434378	20.199	ng/ul	99
69) Hexachlorobenzene	16.533	284	515965	20.210	ng/ul	99
70) Atrazine	16.692	200	448906	20.651	ng/ul	98
71) Pentachlorophenol	16.892	266	325873	19.945	ng/ul	99
72) Phenanthrene	17.292	178	2169276	20.284	ng/ul	99
74) Anthracene	17.386	178	2173761	20.063	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	588906	20.334	ng/uL	100
76) Pentachlorobenzene	14.769	250	605202	20.161	ng/uL	98
77) Carbazole	17.657	167	1988611	20.407	ng/ul	99
78) Di-n-butylphthalate	18.269	149	2501392	21.089	ng/ul	100
80) Fluoranthene	19.374	202	2588882	20.201	ng/ul	99
82) Pyrene	19.745	202	2762171	20.350	ng/ul	99
83) Butylbenzylphthalate	20.698	149	1146853	20.637	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.592	252	951299	19.649	ng/ul	100
85) Benzo(a)anthracene	21.674	228	2740103	20.050	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.627	149	1766103	21.532	ng/ul	98
87) Chrysene	21.745	228	2572903	20.005	ng/ul	100
89) Di-n-octyl phthalate	22.933	149	2874134	20.419	ng/ul	100
90) Benzo(b)fluoranthene	24.021	252	2761162	19.845	ng/ul	99
91) Benzo(k)fluoranthene	24.098	252	2743886	20.144	ng/ul	99
93) Benzo(a)pyrene	24.945	252	2569756	20.047	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.974	276	3280916m	19.850	ng/ul	
95) Dibenzo(a,h)anthracene	29.062	278	2641242m	19.886	ng/ul	
96) Benzo(g,h,i)perylene	30.150	276	2497460	19.556	ng/ul	99

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

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Manual IntegrationsAPPROVED

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