Quantitation Report (Qedit)

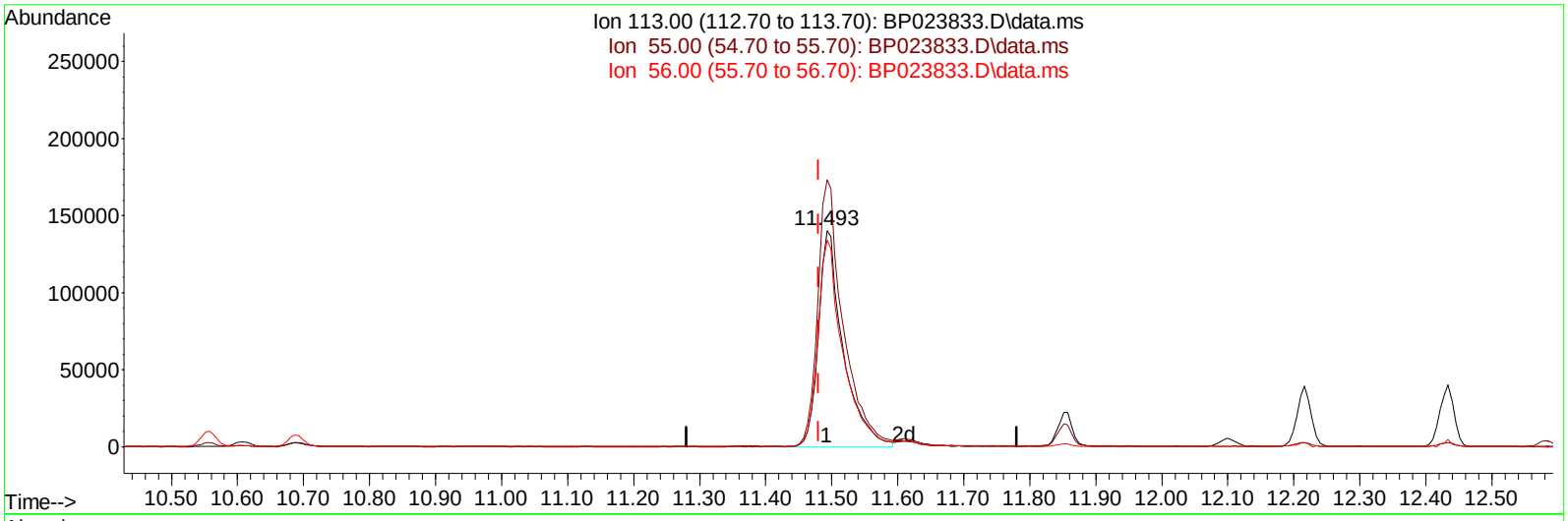
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023833.D
Acq On : 31 Jan 2025 20:04
Operator : RC/JU
Sample : PB166390BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

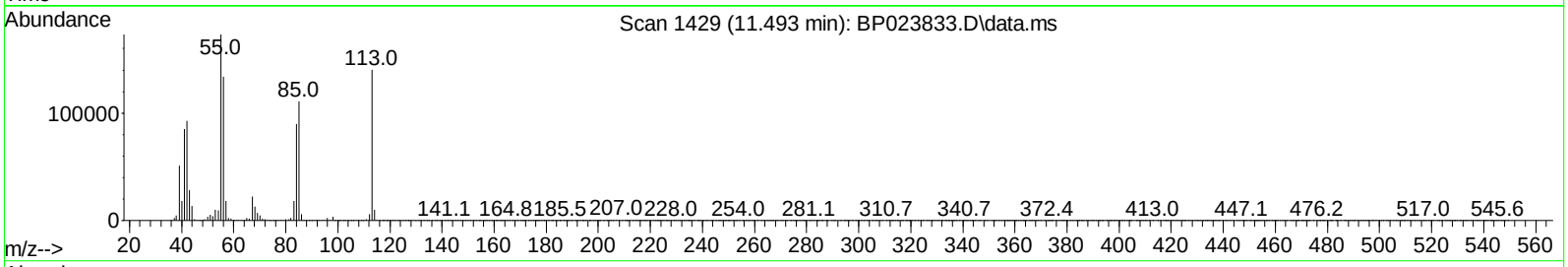
Quant Time: Feb 03 07:44:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

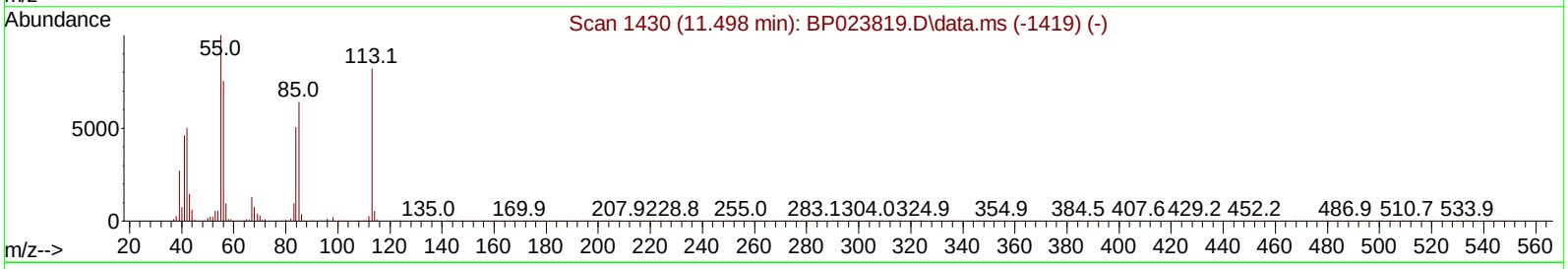
Instrument :
BNA_P
ClientSampleId :
SLCS390

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BP023833.D\data.ms

(34) Caprolactam

11.493min (+ 0.012) 31.77 ng/ul

response 363979

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	123.45
56.00	96.30	95.48
0.00	0.00	0.00

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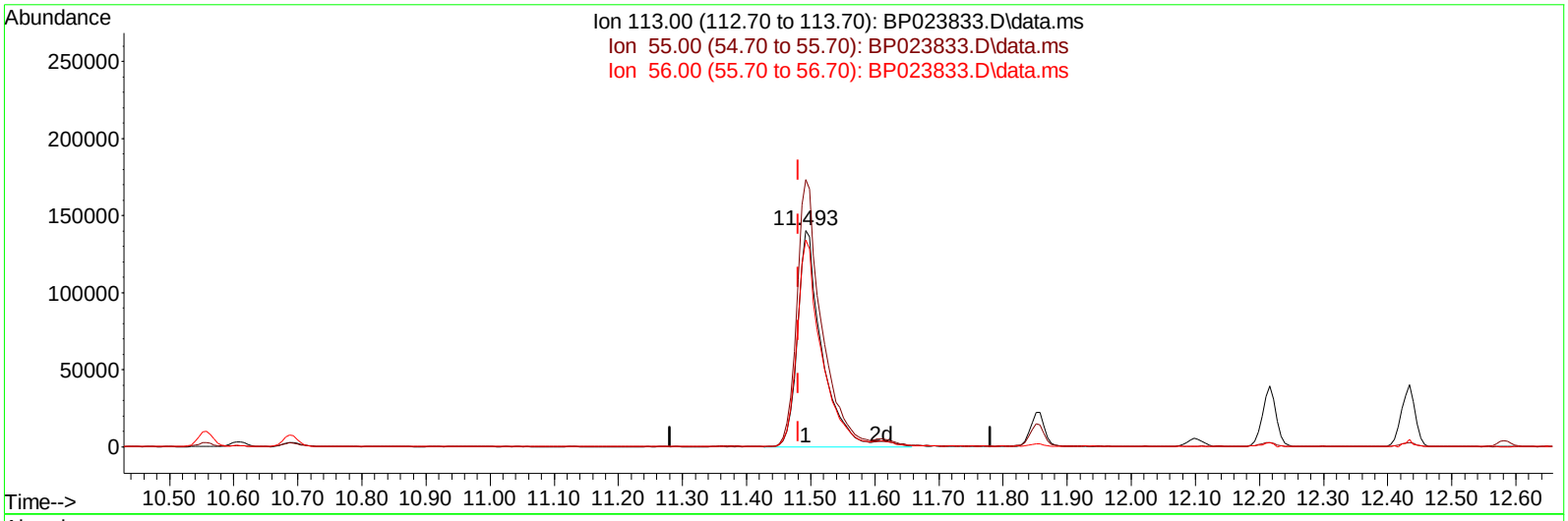

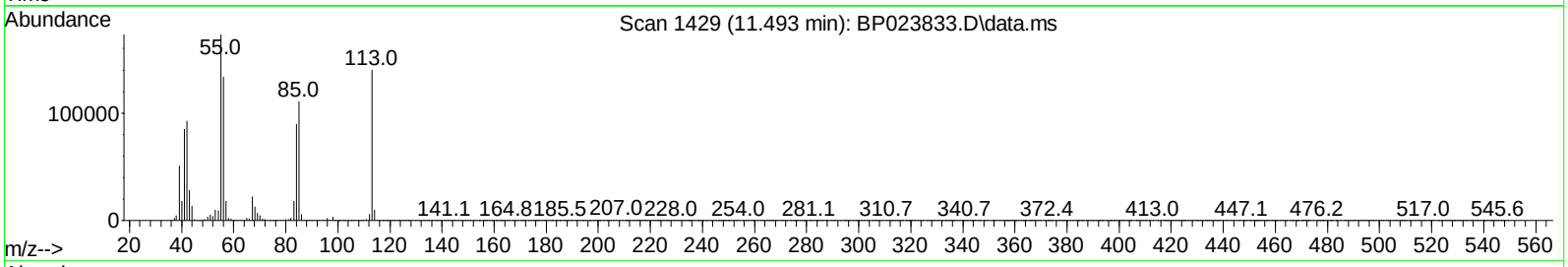

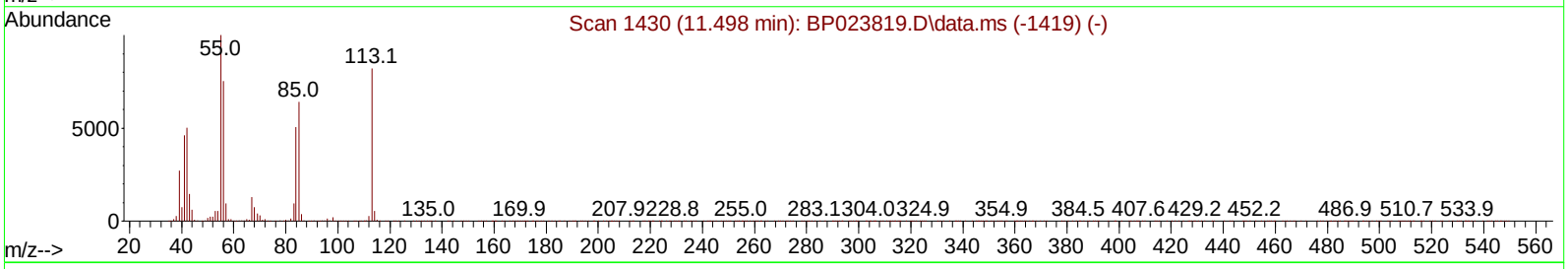

TIC: BP023833.D\data.ms

(34) Caprolactam

11.493min (+ 0.012) 32.58 ng/ul m

response 373281

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	123.45
56.00	96.30	95.48
0.00	0.00	0.00

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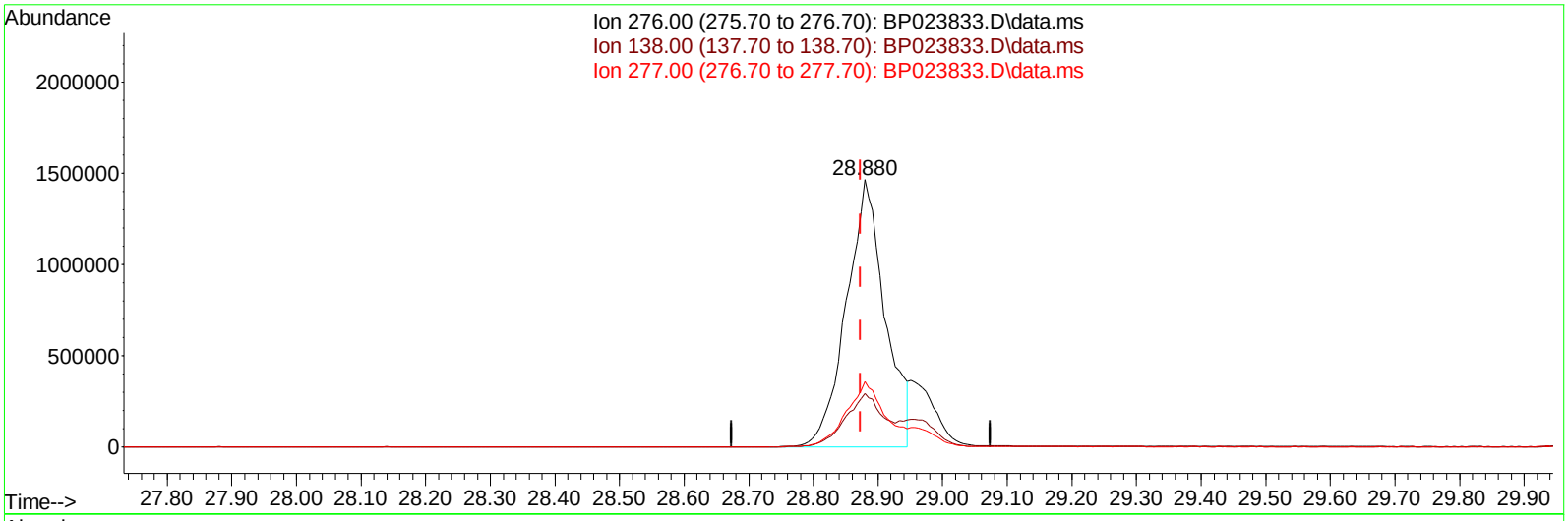

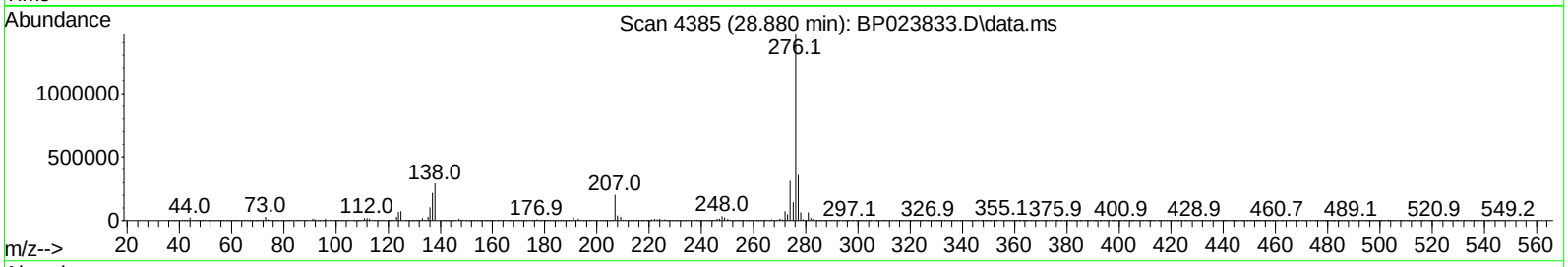

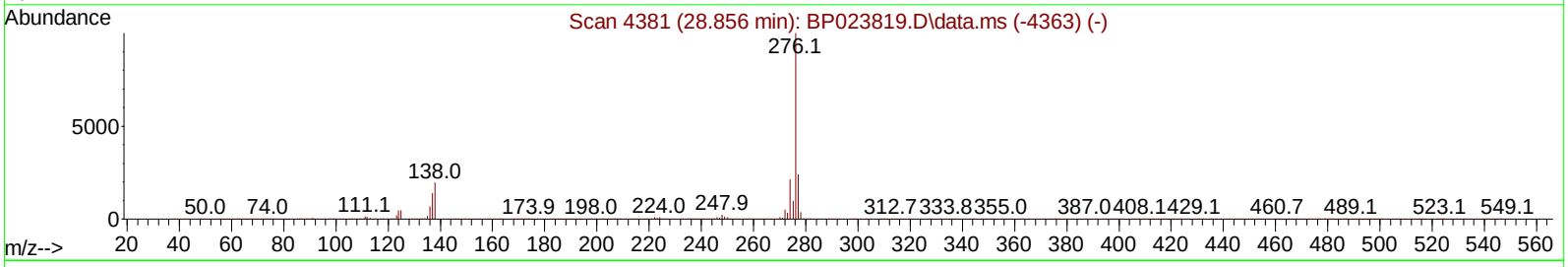

TIC: BP023833.D\data.ms

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

28.880min (+ 0.006) 33.28 ng/ul

response 6066068

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.88
277.00	23.70	24.37
0.00	0.00	0.00

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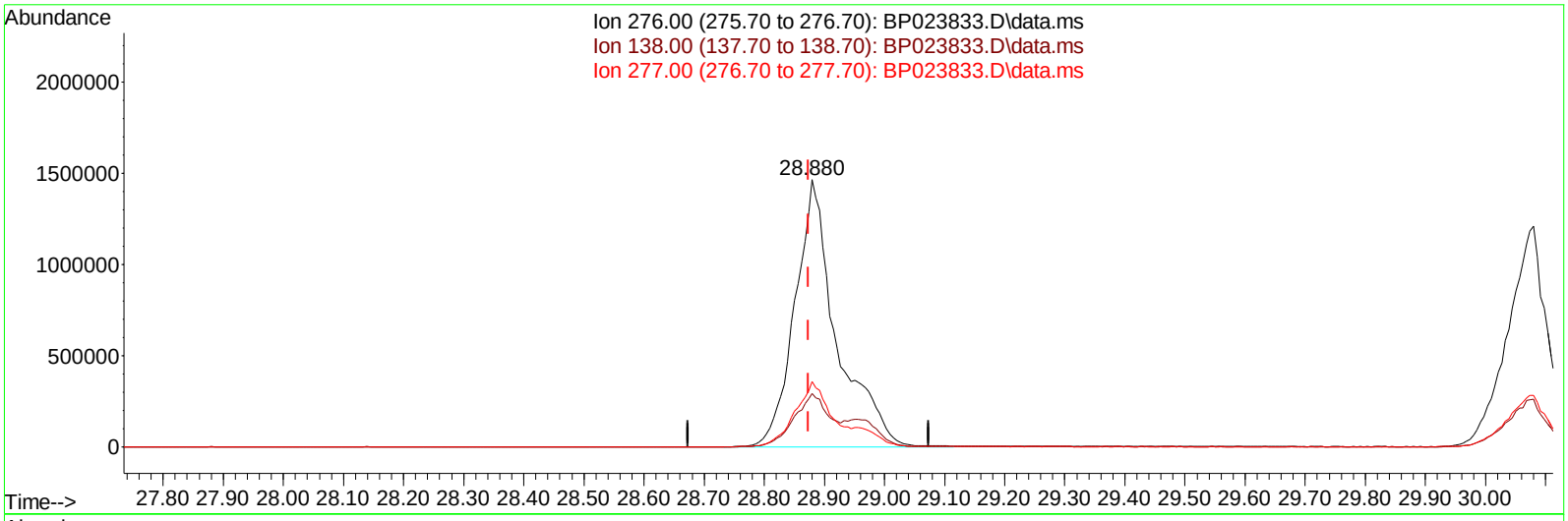

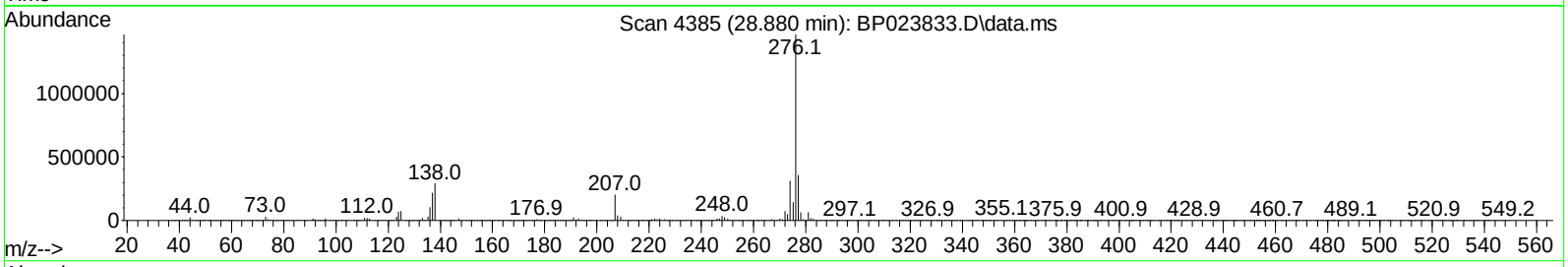

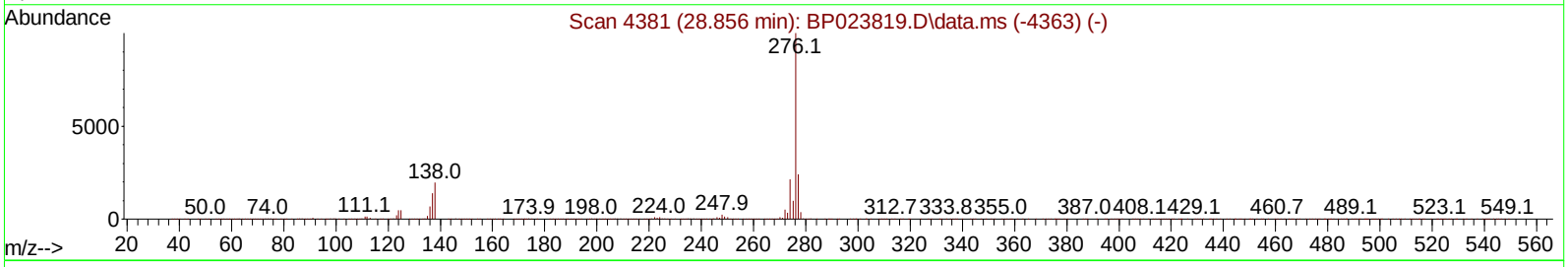

TIC: BP023833.D\data.ms

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

28.880min (+ 0.006) 38.80 ng/ul m

response 7072188

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.88
277.00	23.70	24.37
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	428193	20.000	ng/ul	0.02
20) Naphthalene-d8	10.557	136	1841563	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.410	164	1181077	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.216	188	2320813	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	2412642	20.000	ng/ul	0.00
88) Perylene-d12	25.033	264	2481312	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	76433	7.417	ng/uL	0.01
4) Pyridine-d5	3.705	84	1048068	35.244	ng/ul	0.01
7) Phenol-d5	6.969	99	1426759	37.652	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.116	67	744636	37.125	ng/ul	0.02
11) 2-Chlorophenol-d4	7.328	132	1131916	38.039	ng/ul	0.02
15) 4-Methylphenol-d8	8.493	113	1133496	36.617	ng/ul	0.02
21) Nitrobenzene-d5	8.928	128	553882	37.593	ng/ul	0.02
24) 2-Nitrophenol-d4	9.646	143	595020	37.427	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.187	165	1107183	37.963	ng/ul	0.01
31) 4-Chloroaniline-d4	10.687	131	1461554	33.509	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	3244523	36.829	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	3753092	37.773	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	646116	36.930	ng/ul	0.00
60) Fluorene-d10	15.422	176	2777321	37.436	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.534	200	514653	35.945	ng/ul	0.00
73) Anthracene-d10	17.310	188	4303613	37.767	ng/ul	0.00
81) Pyrene-d10	19.675	212	5010642	38.760	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.798	264	5086926	39.292	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	146486	13.516	ng/uL	96
5) Pyridine	3.728	79	1022219	34.334	ng/ul	98
6) Benzaldehyde	6.934	77	512937	27.580	ng/ul	98
8) Phenol	6.999	94	1444946	37.136	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.210	93	1076998	36.361	ng/ul	100
12) 2-Chlorophenol	7.358	128	1140236	37.194	ng/ul	99
13) 2-Methylphenol	8.228	108	1057378	36.116	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.299	45	1108826	36.286	ng/ul	99
16) Acetophenone	8.593	105	1726437	36.483	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	806582	36.196	ng/ul	99
18) 4-Methylphenol	8.552	108	1185899	36.508	ng/ul	97
19) Hexachloroethane	8.857	117	436992	36.049	ng/ul	95
22) Nitrobenzene	8.969	77	1188247	37.162	ng/ul	100
23) Isophorone	9.493	82	2306216	35.722	ng/ul	100
25) 2-Nitrophenol	9.675	139	641606	37.000	ng/ul	100
26) 2,4-Dimethylphenol	9.740	107	978486	30.487	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.969	93	1450963	36.081	ng/ul	100
29) 2,4-Dichlorophenol	10.216	162	1095130	37.028	ng/ul	99
30) Naphthalene	10.604	128	3599229	36.513	ng/ul	99
32) 4-Chloroaniline	10.710	127	1161290	28.213	ng/ul	99
33) Hexachlorobutadiene	10.899	225	629516	35.159	ng/ul	99
34) Caprolactam	11.493	113	373281m	32.578	ng/ul	
35) 4-Chloro-3-methylphenol	11.851	107	1160667	36.507	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.216	142	2504902	36.141	ng/ul	100
37) 1-Methylnaphthalene	12.434	142	2528830	36.779	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.587	216	1302585	37.306	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	557468	28.334	ng/ul	99
41) 2,4,6-Trichlorophenol	12.834	196	785220	33.667	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	888196	35.332	ng/ul	99
43) 1,1'-Biphenyl	13.234	154	3258226	37.164	ng/ul	99
44) 2-Chloronaphthalene	13.269	162	2541743	37.208	ng/ul	99
45) 2-Nitroaniline	13.475	65	666486	37.487	ng/ul	97
47) Dimethylphthalate	13.863	163	3181638	36.298	ng/ul	100
48) 2,6-Dinitrotoluene	13.975	165	640483	37.390	ng/ul	96
50) Acenaphthylene	14.128	152	4024236	38.032	ng/ul	100
51) 3-Nitroaniline	14.304	138	708452	37.632	ng/ul	98
52) Acenaphthene	14.475	153	2734540	36.450	ng/ul	99
53) 2,4-Dinitrophenol	14.516	184	309359	30.292	ng/ul	96
55) 4-Nitrophenol	14.645	109	458069	37.008	ng/ul	95
56) Dibenzofuran	14.816	168	3797057	36.526	ng/ul	100
57) 2,4-Dinitrotoluene	14.775	165	950599	37.309	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.045	232	664769	31.076	ng/ul	94
59) Diethylphthalate	15.245	149	3191018	36.336	ng/ul	99
61) Fluorene	15.481	166	3243499	37.611	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.475	204	1576748	36.935	ng/ul	100
63) 4-Nitroaniline	15.492	138	803945	43.893	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.551	198	562333	35.724	ng/ul#	91
67) N-Nitrosodiphenylamine	15.687	169	2657551	37.520	ng/ul	99
68) 4-Bromophenyl-phenylether	16.381	248	968231	36.978	ng/ul	99
69) Hexachlorobenzene	16.504	284	1164785	36.715	ng/ul	99
70) Atrazine	16.663	200	324380	11.826	ng/ul	98
71) Pentachlorophenol	16.863	266	538874	27.614	ng/ul	99
72) Phenanthrene	17.257	178	4961560	37.856	ng/ul	100
74) Anthracene	17.345	178	4862963	36.793	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.193	216	1285884	37.837	ng/uL	99
76) Pentachlorobenzene	14.734	250	1267483	34.608	ng/uL	99
77) Carbazole	17.628	167	4622453	39.920	ng/ul	100
78) Di-n-butylphthalate	18.216	149	5267516	36.754	ng/ul	100
80) Fluoranthene	19.333	202	5696242	38.254	ng/ul	100
82) Pyrene	19.710	202	6083806	39.070	ng/ul	99
83) Butylbenzylphthalate	20.657	149	2424111	36.150	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.551	252	1902735	36.452	ng/ul	99
85) Benzo(a)anthracene	21.627	228	5889022	37.120	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.574	149	3450229	35.264	ng/ul	100
87) Chrysene	21.704	228	5538980	37.890	ng/ul	99
89) Di-n-octyl phthalate	22.874	149	5515013	37.078	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	5855092	38.889	ng/ul	100
91) Benzo(k)fluoranthene	24.033	252	5931737	39.299	ng/ul	100
93) Benzo(a)pyrene	24.880	252	5242737	37.287	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.880	276	7072188m	38.805	ng/ul	
95) Dibenzo(a,h)anthracene	28.962	278	5769056	39.022	ng/ul	100
96) Benzo(g,h,i)perylene	30.080	276	5484712	39.290	ng/ul	99

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

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