Quantitation Report (Qedit)

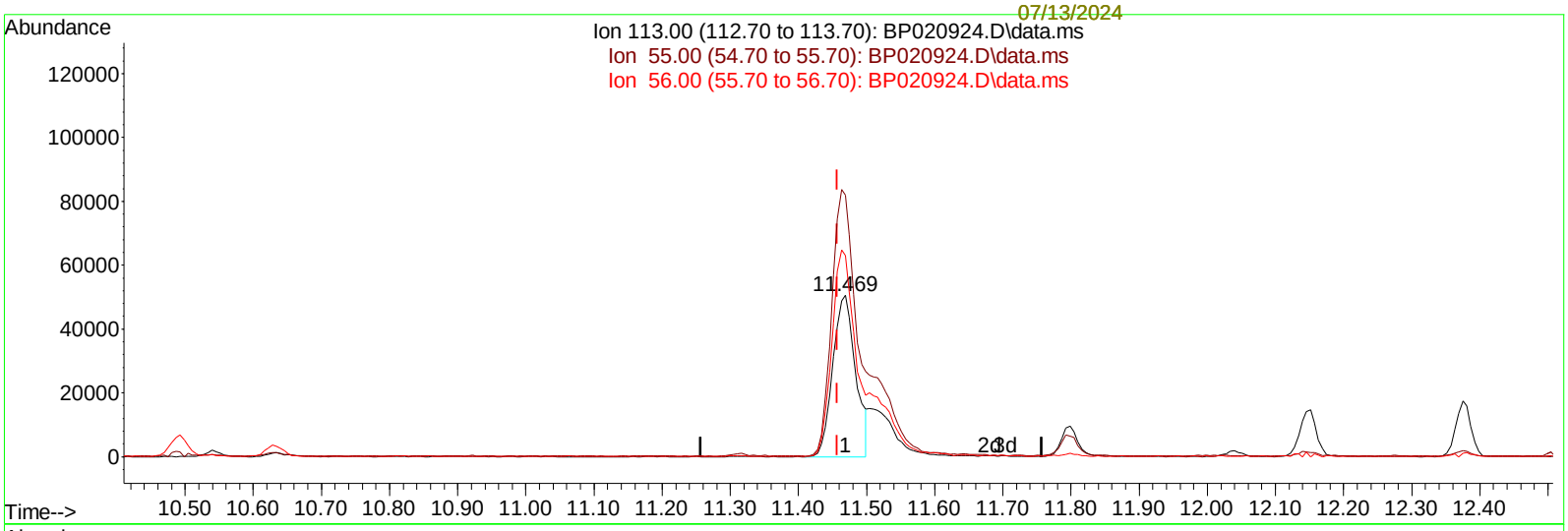
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020924.D
Acq On : 12 Jul 2024 06:26
Operator : MA/JU
Sample : PB161865BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

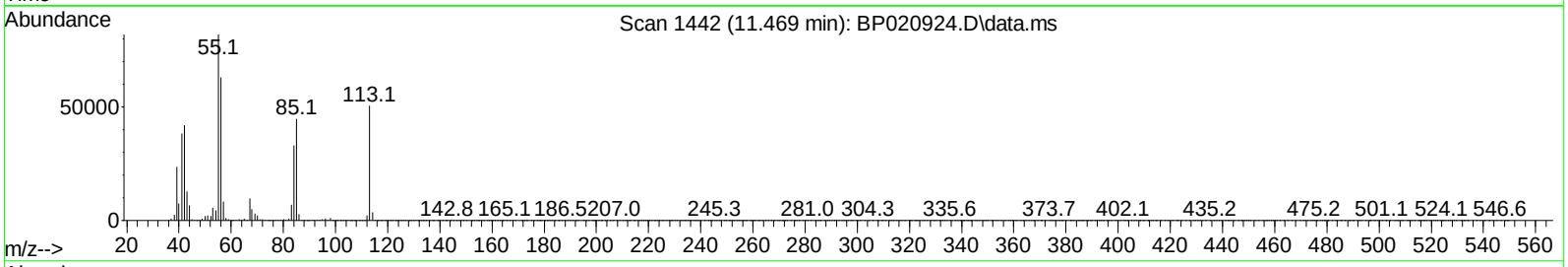
Quant Time: Jul 12 06:52:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration

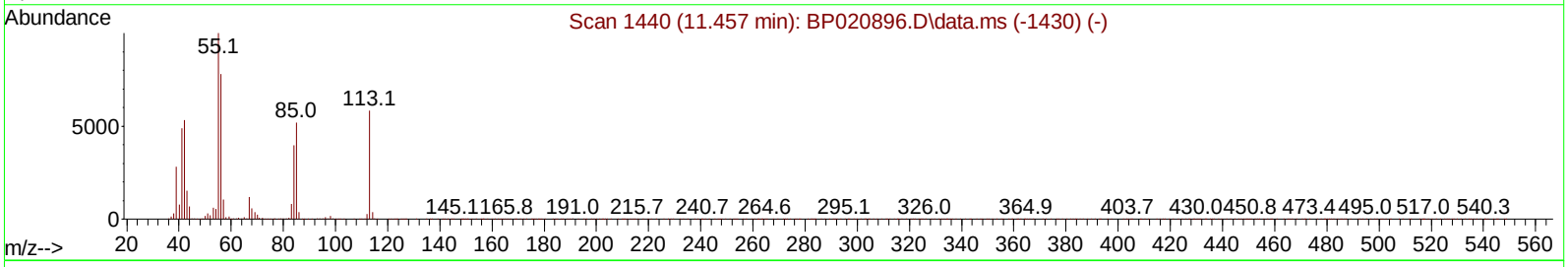
Instrument :
BNA_P
ClientSampleId :
SLCS865

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay
07/12/2024
Supervised By :mohammad ahmed
07/13/2024







TIC: BP020924.D\data.ms

(34) Caprolactam

11.469min (+ 0.012) 24.95 ng/ul

response 117503

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	162.16
56.00	131.90	124.60
0.00	0.00	0.00

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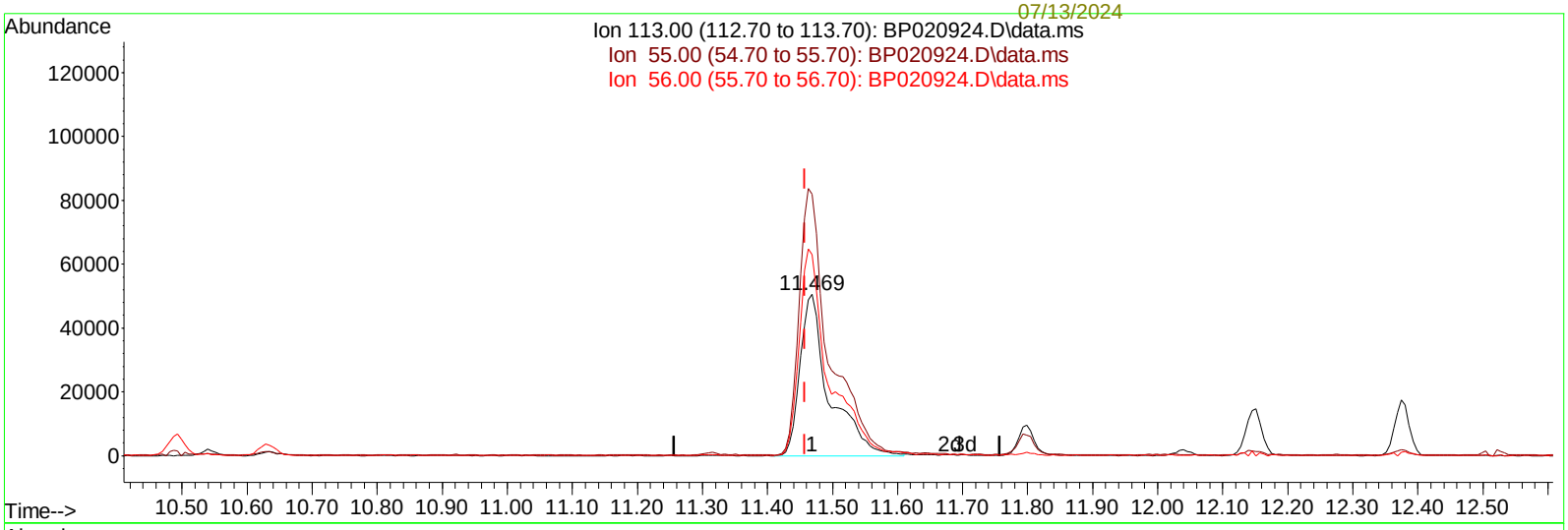

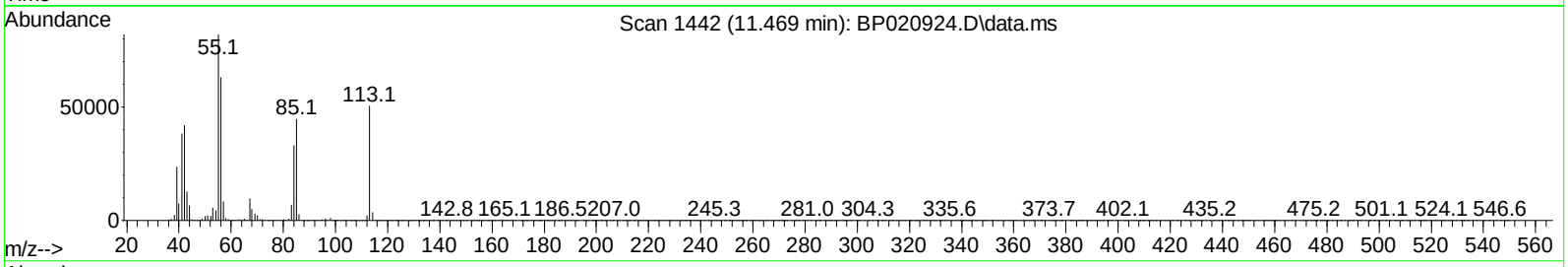

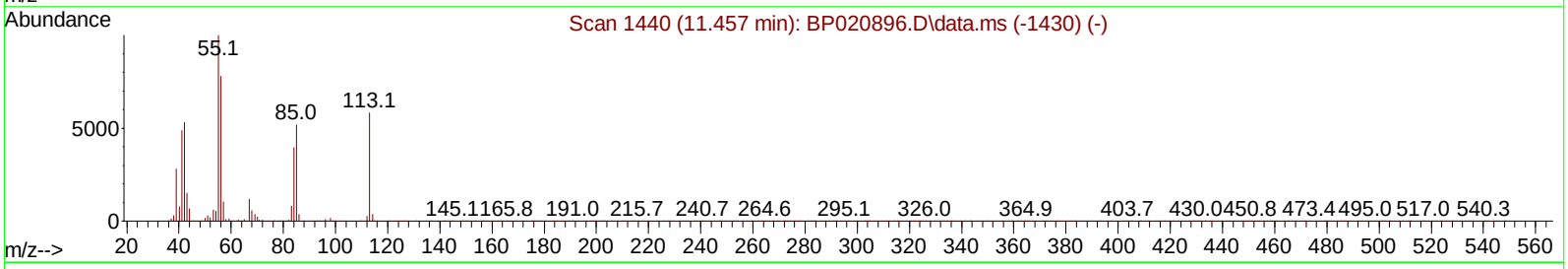

TIC: BP020924.D\data.ms

(34) Caprolactam

11.469min (+ 0.012) 33.47 ng/ul m

response 157627

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	162.16
56.00	131.90	124.60
0.00	0.00	0.00

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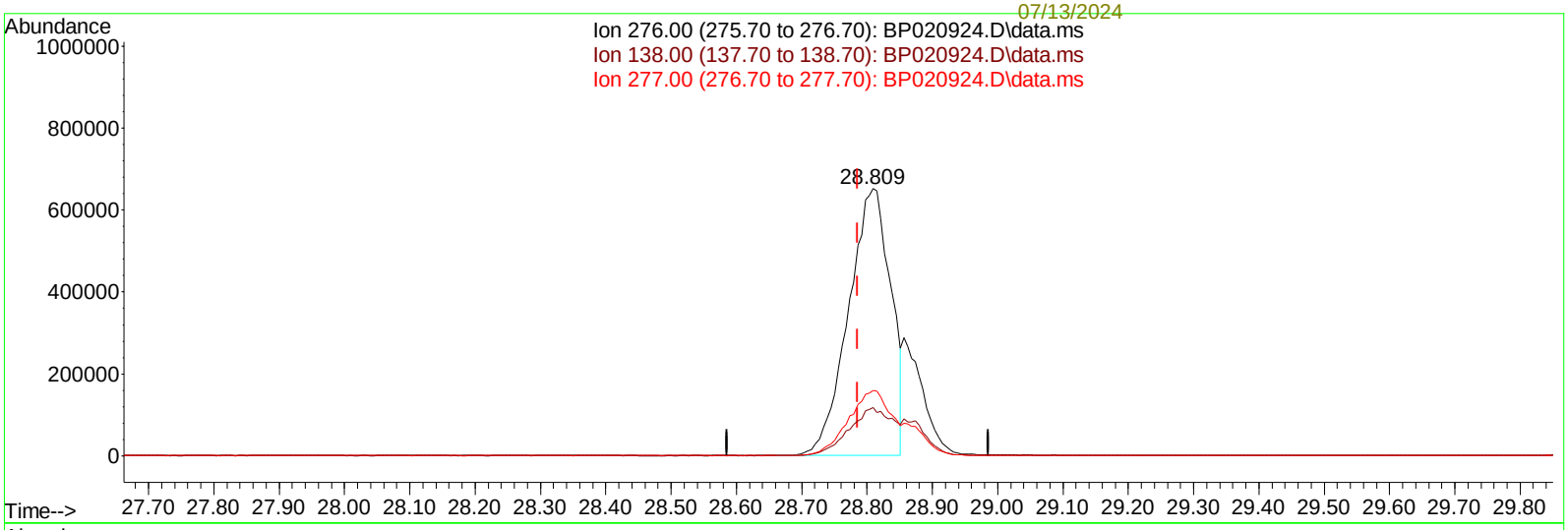

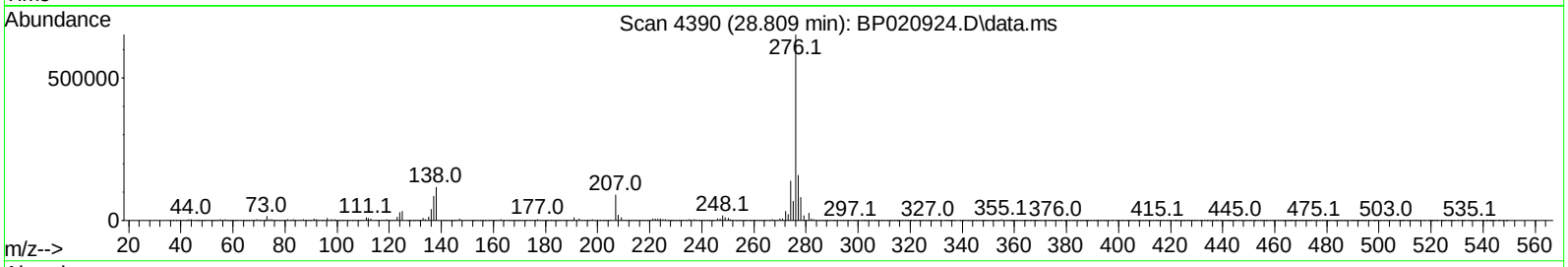

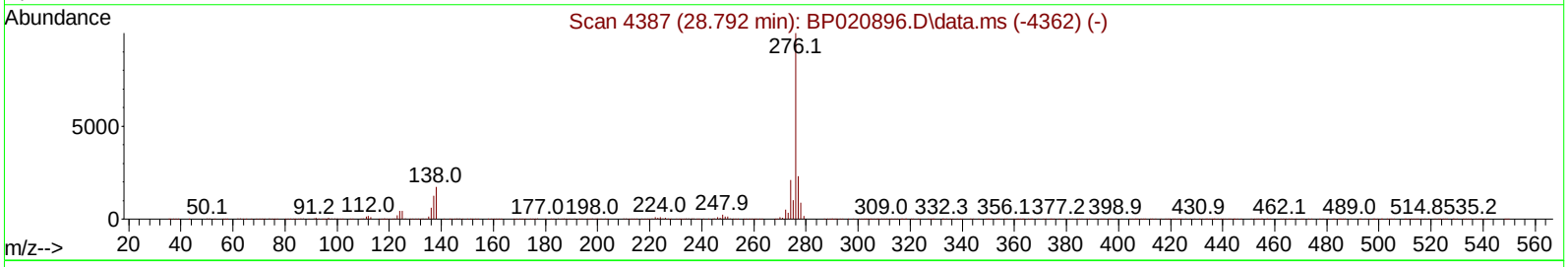

TIC: BP020924.D\data.ms

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

28.809min (+ 0.023) 25.83 ng/ul

response 2922705

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	18.12
277.00	24.00	24.31
0.00	0.00	0.00

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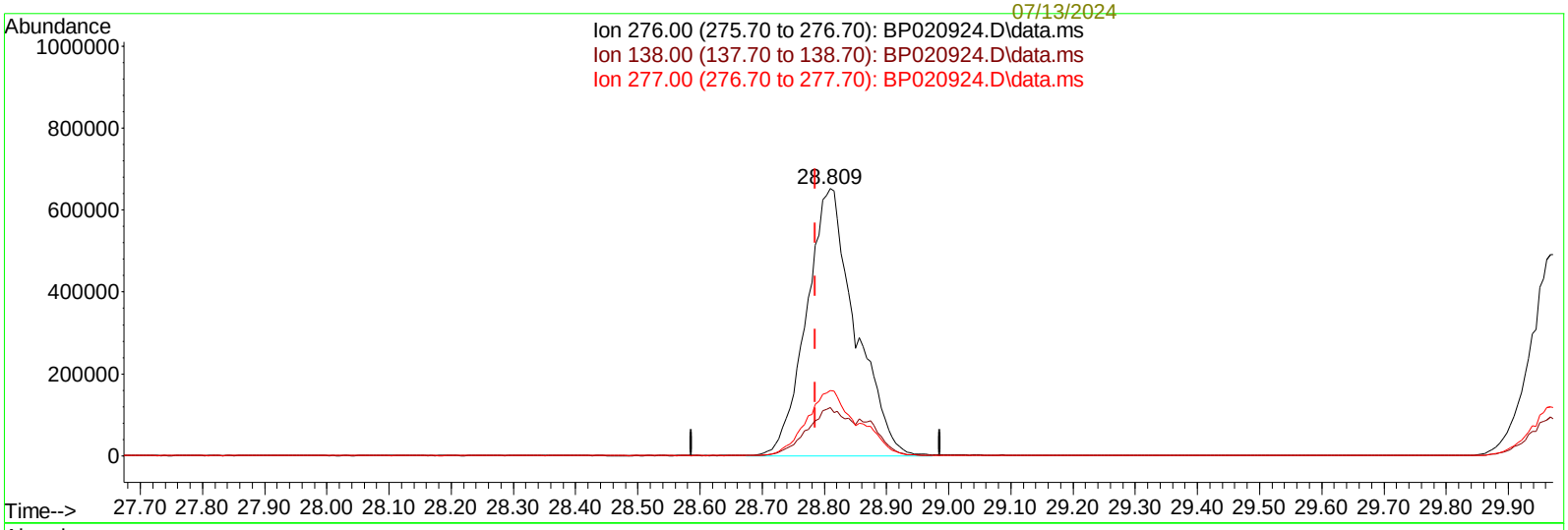

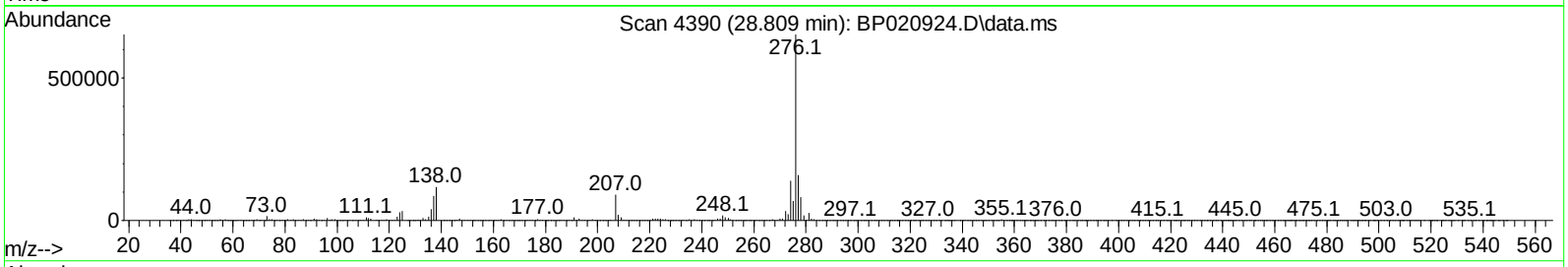

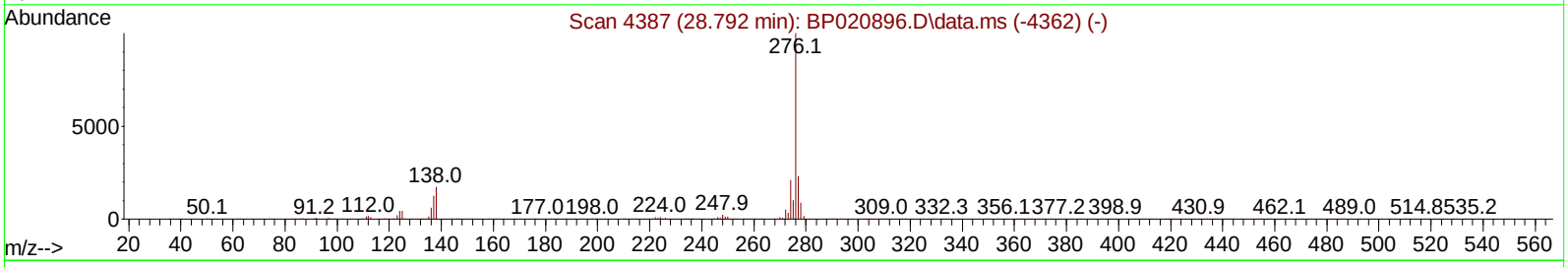

TIC: BP020924.D\data.ms

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

28.809min (+ 0.023) 31.46 ng/ul m

response 3559867

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	18.12
277.00	24.00	24.31
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	7.722	152	229840	20.000	ng/ul	0.00
20) Naphthalene-d8	10.493	136	965076	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	630769	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1344975	20.000	ng/ul	-0.01
79) Chrysene-d12	21.627	240	1289476	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264	1531278	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	32167	6.369	ng/uL	0.00
4) Pyridine-d5	3.669	84	430571	29.446	ng/ul	0.00
7) Phenol-d5	6.916	99	586349	31.292	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	346758	30.536	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	485559	31.451	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	467315	30.027	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	235357	31.398	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	274745	32.024	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	499246	32.181	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	611779	29.767	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1426582	31.112	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1626354	31.588	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	239692	36.740	ng/ul	0.00
60) Fluorene-d10	15.369	176	1193133	31.717	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	241275	29.649	ng/ul	0.00
73) Anthracene-d10	17.269	188	1855489	31.061	ng/ul	0.00
81) Pyrene-d10	19.657	212	2271050	28.488	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.756	264	2445854	32.386	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	64654	11.639	ng/uL	99
5) Pyridine	3.693	79	425785	28.231	ng/ul	99
6) Benzaldehyde	6.887	77	332799	35.229	ng/ul	98
8) Phenol	6.946	94	592731	31.260	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.157	93	457491	29.207	ng/ul	99
12) 2-Chlorophenol	7.299	128	485520	31.377	ng/ul	99
13) 2-Methylphenol	8.169	108	442234	30.158	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.234	45	656018	28.989	ng/ul	98
16) Acetophenone	8.540	105	708116	29.480	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.516	70	355295	28.230	ng/ul	100
18) 4-Methylphenol	8.493	108	484469	30.838	ng/ul	97
19) Hexachloroethane	8.775	117	205355	29.533	ng/ul	99
22) Nitrobenzene	8.910	77	533523	29.712	ng/ul	98
23) Isophorone	9.440	82	1017746	28.510	ng/ul	100
25) 2-Nitrophenol	9.616	139	282698	31.594	ng/ul	96
26) 2,4-Dimethylphenol	9.681	107	401139	22.734	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.904	93	619712	28.560	ng/ul	99
29) 2,4-Dichlorophenol	10.151	162	476321	31.154	ng/ul	100
30) Naphthalene	10.540	128	1503582	29.619	ng/ul	99
32) 4-Chloroaniline	10.657	127	540846	27.559	ng/ul	98
33) Hexachlorobutadiene	10.810	225	332277	28.985	ng/ul	98
34) Caprolactam	11.469	113	157627m	33.467	ng/ul	
35) 4-Chloro-3-methylphenol	11.798	107	528977	31.829	ng/ul	96

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Manual IntegrationsAPPROVED

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07/12/2024
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07/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.151	142	1033960	29.672	ng/ul	99
37) 1-Methylnaphthalene	12.375	142	1042940	29.101	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.516	216	617898	30.164	ng/ul	98
40) Hexachlorocyclopentadiene	12.487	237	168730	15.746	ng/ul	99
41) 2,4,6-Trichlorophenol	12.775	196	383981	29.665	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	425084	31.039	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	1363998	29.589	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	1096982	29.809	ng/ul	99
45) 2-Nitroaniline	13.439	65	340551	33.463	ng/ul	98
47) Dimethylphthalate	13.816	163	1404212	30.181	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	297984	32.035	ng/ul	99
50) Acenaphthylene	14.081	152	1717807	29.467	ng/ul	100
51) 3-Nitroaniline	14.281	138	300940	37.178	ng/ul	96
52) Acenaphthene	14.422	153	1136160	29.364	ng/ul	98
53) 2,4-Dinitrophenol	14.510	184	149434	30.591	ng/ul	97
55) 4-Nitrophenol	14.622	109	186034	35.055	ng/ul	95
56) Dibenzofuran	14.769	168	1601998	30.235	ng/ul	97
57) 2,4-Dinitrotoluene	14.751	165	429658	33.648	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.998	232	337259	28.758	ng/ul	98
59) Diethylphthalate	15.204	149	1409279	30.309	ng/ul	100
61) Fluorene	15.428	166	1306541	30.218	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.422	204	690717	29.440	ng/ul	97
63) 4-Nitroaniline	15.469	138	295238	44.044	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.528	198	251699	29.166	ng/ul	95
67) N-Nitrosodiphenylamine	15.645	169	1128868	28.823	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	449357	28.504	ng/ul	98
69) Hexachlorobenzene	16.445	284	532463	29.457	ng/ul	98
70) Atrazine	16.628	200	218006	15.273	ng/ul	99
71) Pentachlorophenol	16.810	266	261325	26.619	ng/ul	99
72) Phenanthrene	17.210	178	2104139	30.157	ng/ul	99
74) Anthracene	17.304	178	2095043	29.454	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.134	216	607172	28.205	ng/uL	98
76) Pentachlorobenzene	14.675	250	607493	28.400	ng/uL	99
77) Carbazole	17.604	167	1932895	33.242	ng/ul	99
78) Di-n-butylphthalate	18.174	149	2497651	31.134	ng/ul	100
80) Fluoranthene	19.310	202	2600042	27.007	ng/ul	99
82) Pyrene	19.686	202	2712606	27.689	ng/ul	100
83) Butylbenzylphthalate	20.633	149	1140646	27.945	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.533	252	911215	30.925	ng/ul	100
85) Benzo(a)anthracene	21.610	228	2747410	30.416	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1649159	28.075	ng/ul	98
87) Chrysene	21.680	228	2571523	30.637	ng/ul	99
89) Di-n-octyl phthalate	22.804	149	3010847	29.764	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	2926872	31.497	ng/ul	99
91) Benzo(k)fluoranthene	23.992	252	2838375	30.607	ng/ul	99
93) Benzo(a)pyrene	24.833	252	2533607	28.852	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.809	276	3559867m	31.460	ng/ul	
95) Dibenzo(a,h)anthracene	28.874	278	2881055	30.747	ng/ul	99
96) Benzo(g,h,i)perylene	29.992	276	2788514	30.259	ng/ul	98

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

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