Quantitation Report (Qedit)

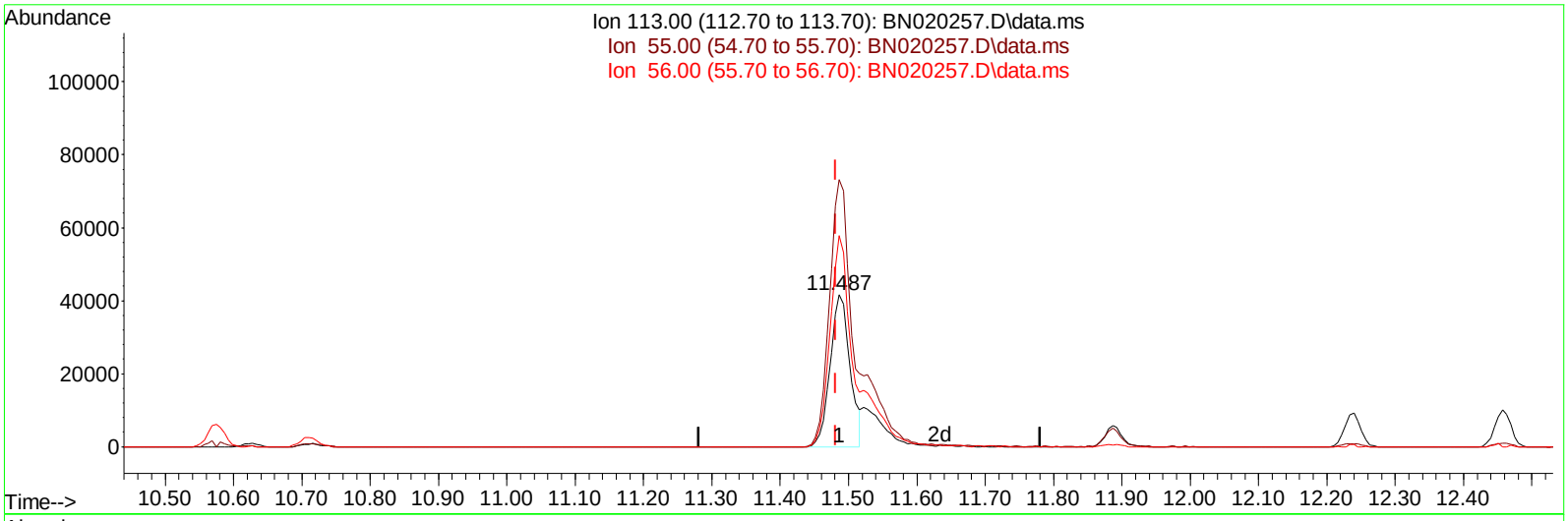
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061722\
Data File : BN020257.D
Acq On : 18 Jun 2022 11:30
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

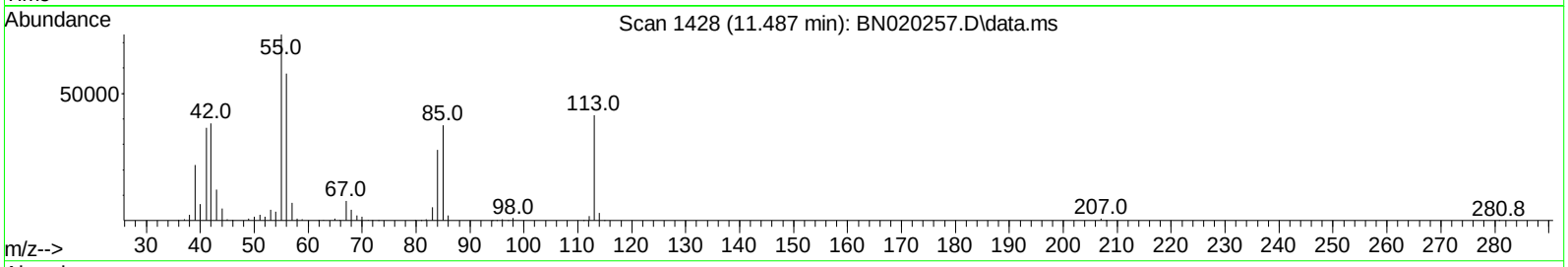
Quant Time: Jun 20 02:23:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 22:53:31 2022
Response via : Initial Calibration

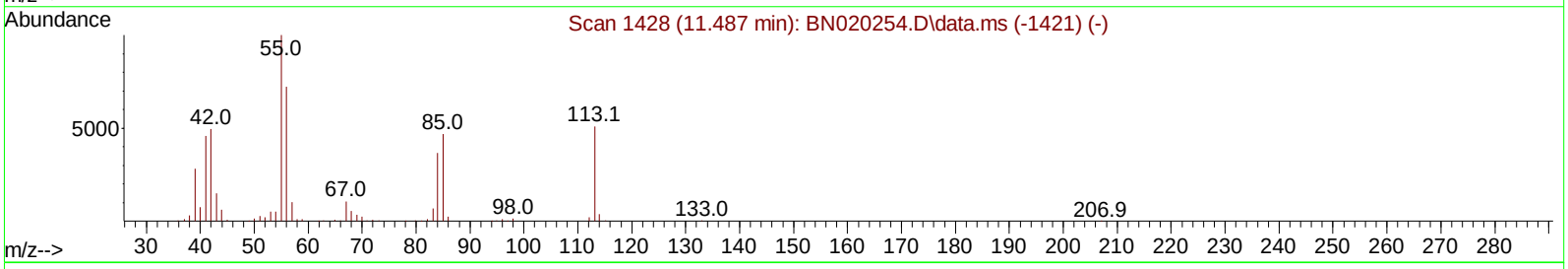
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/20/2022
Supervised By :mohammad ahmed 06/22/2022







TIC: BN020257.D\data.ms

(34) Caprolactam

11.487min (+ 0.006) 16.98 ng/ul

response 84077

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	175.82
56.00	133.10	139.14
0.00	0.00	0.00

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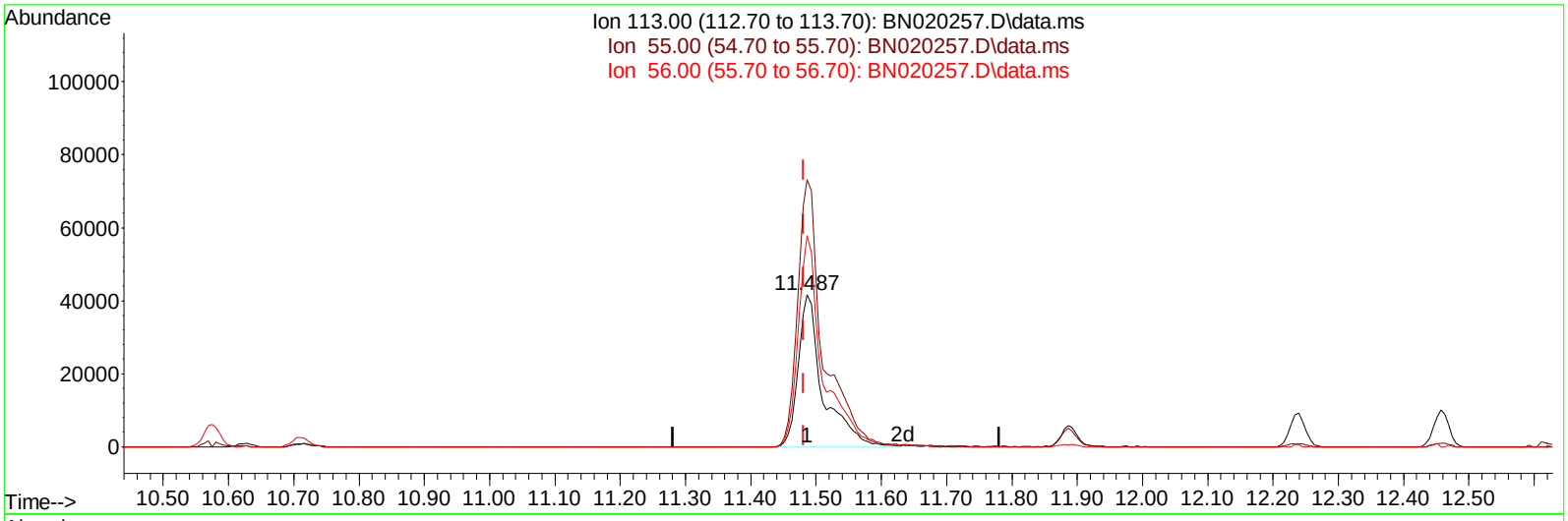

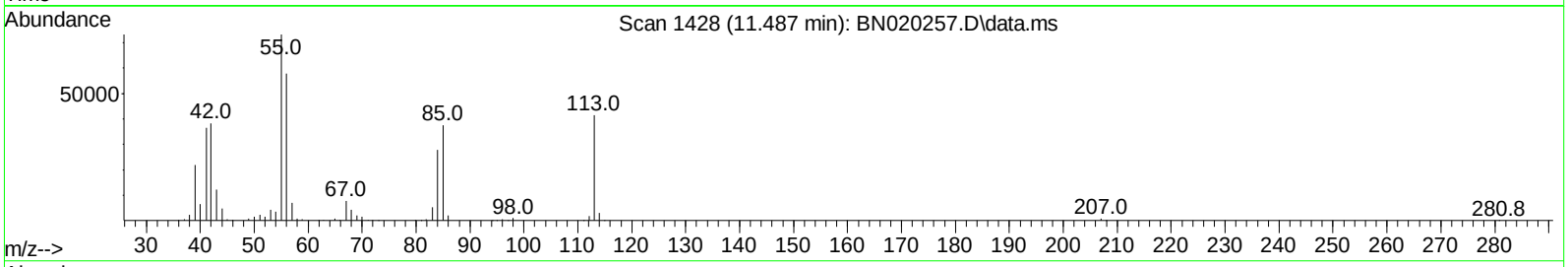

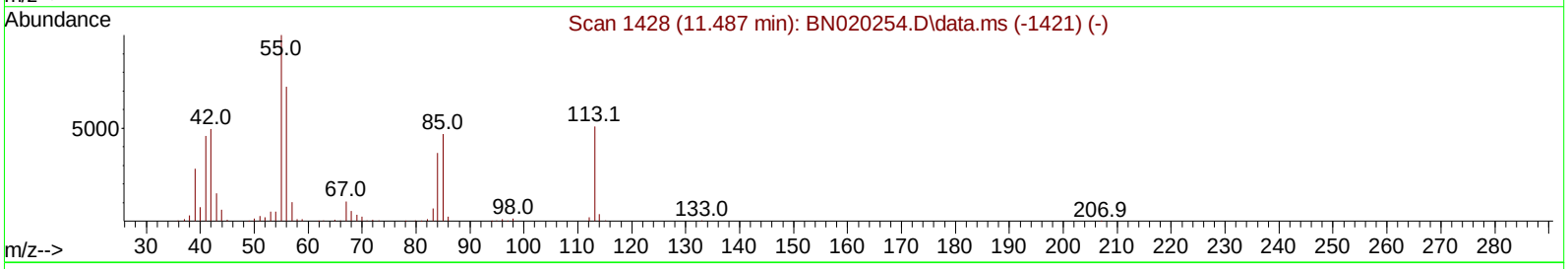

TIC: BN020257.D\data.ms

(34) Caprolactam

11.487min (+ 0.006) 21.86 ng/ul m

response 108255

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	175.82
56.00	133.10	139.14
0.00	0.00	0.00

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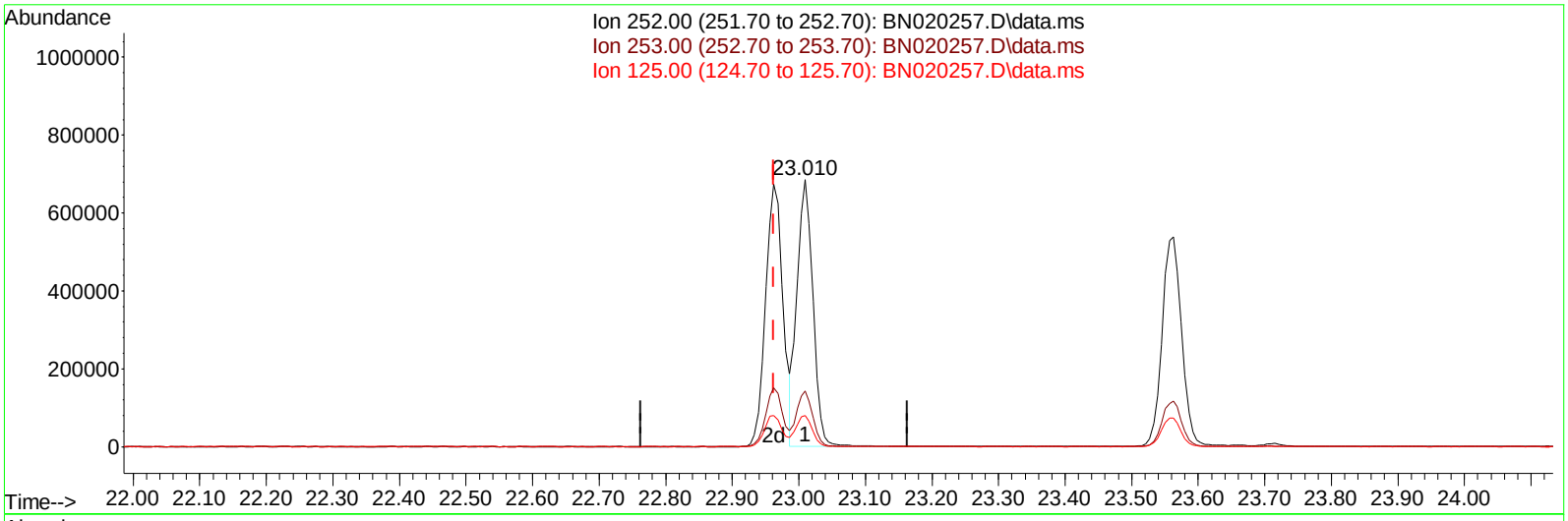

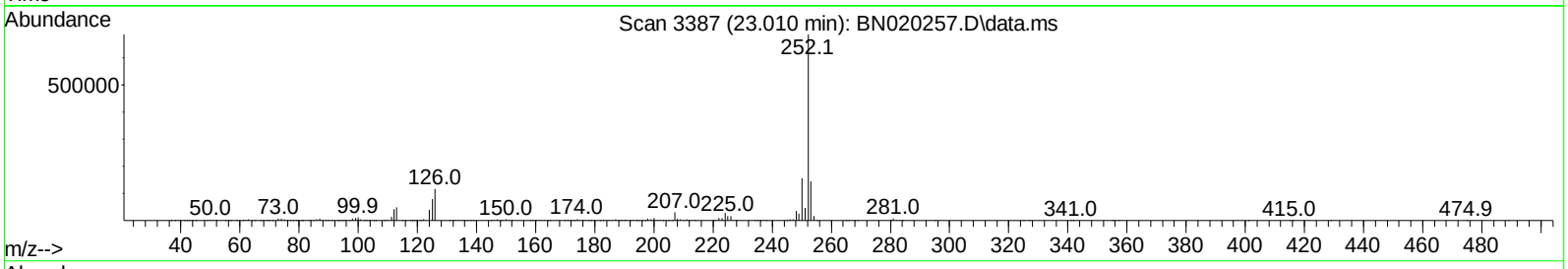

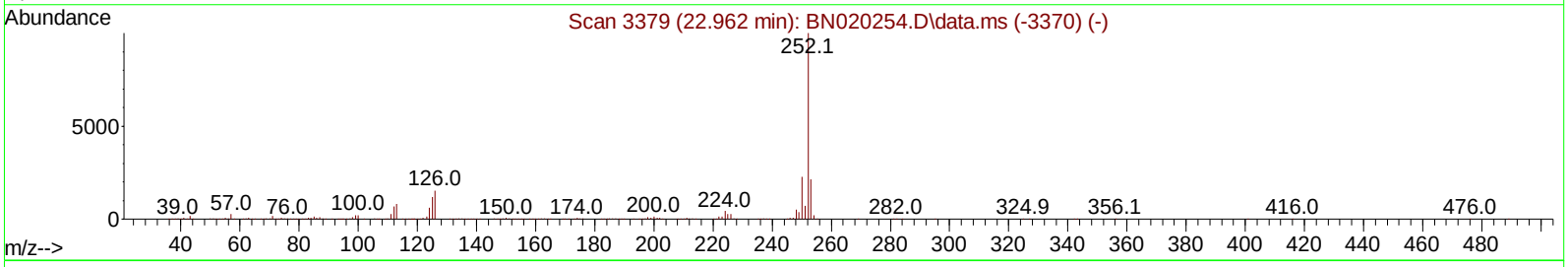

TIC: BN020257.D\data.ms

(90) Benzo(b)fluoranthene

23.010min (+ 0.047) 19.11 ng/ul

response 1142056

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	20.93
125.00	9.80	11.70
0.00	0.00	0.00

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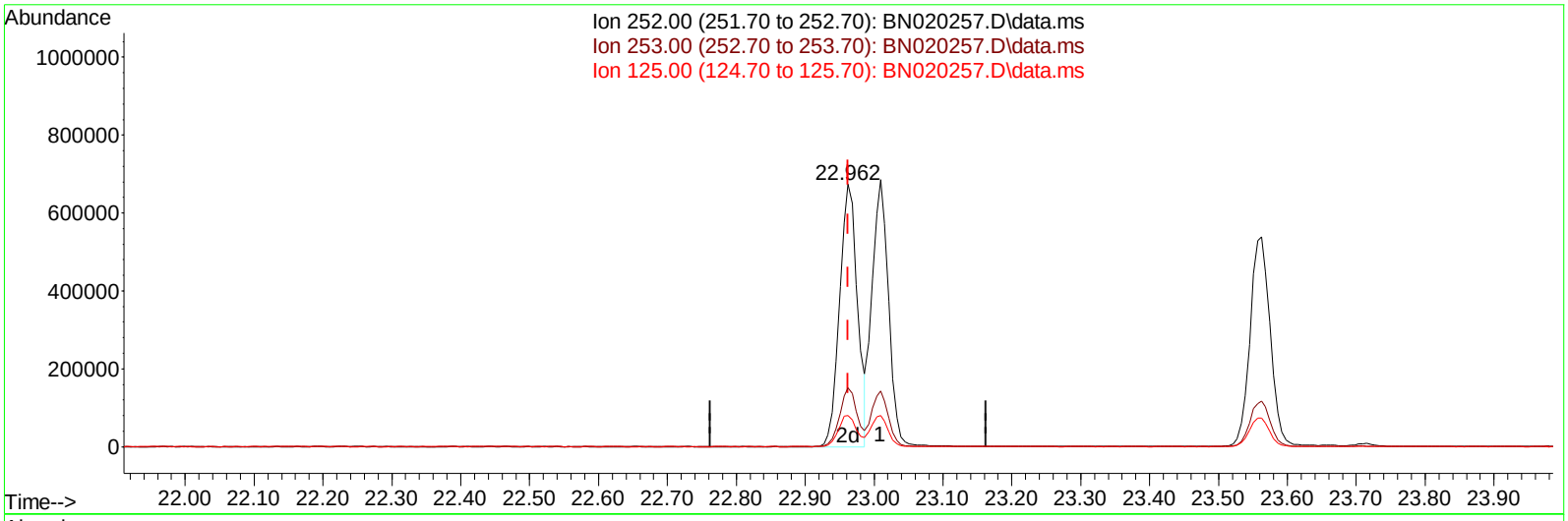

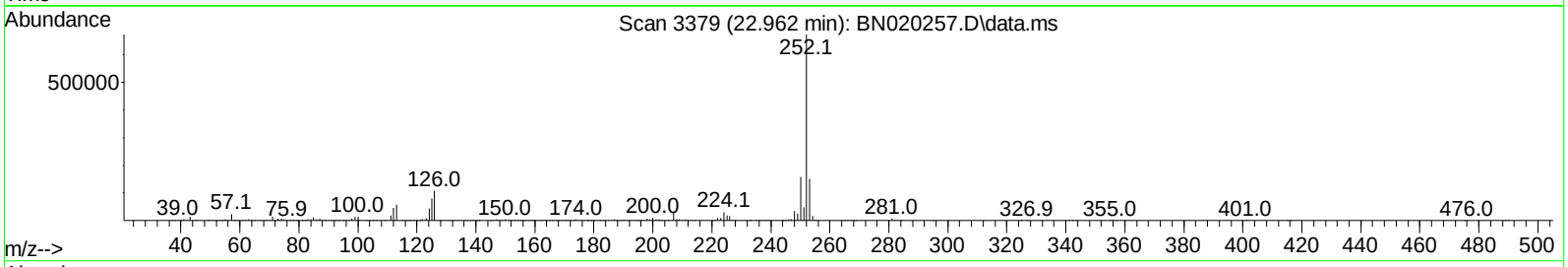

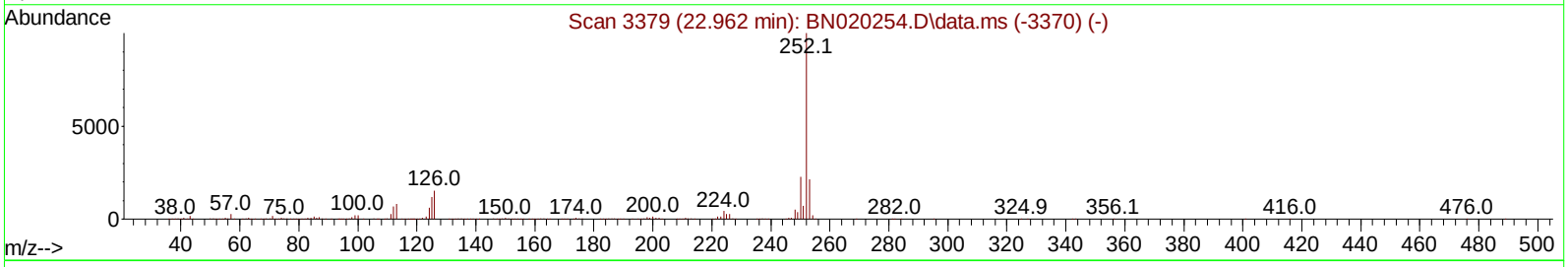

TIC: BN020257.D\data.ms

(90) Benzo(b)fluoranthene

22.962min (-0.000) 20.56 ng/ul m

response 1228923

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	22.41
125.00	9.80	11.91#
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	7.787	152	175818	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	869881	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	580970	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1173342	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1034806	20.000	ng/ul	0.00
88) Perylene-d12	23.662	264	952398	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	30248	7.451	ng/uL	0.00
4) Pyridine-d5	3.658	84	208129	18.759	ng/ul	0.00
7) Phenol-d5	6.981	99	301793	20.744	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	179651	19.764	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	245266	20.748	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	270619	21.500	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	126489	19.113	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	141641	20.167	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	256411	20.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	392839	19.785	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	791748	18.730	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	963538	19.655	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	143837	16.980	ng/ul	0.00
60) Fluorene-d10	15.410	176	680818	19.463	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	136002	20.010	ng/ul	0.00
73) Anthracene-d10	17.257	188	1022677	19.971	ng/ul	0.00
81) Pyrene-d10	19.557	212	1118059	19.930	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	914739	19.630	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	31716	7.401	ng/uL	97
5) Pyridine	3.681	79	219948	18.910	ng/ul	91
6) Benzaldehyde	6.928	77	162285	23.674	ng/ul	94
8) Phenol	7.005	94	326899	21.101	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.210	93	243409	20.075	ng/ul	99
12) 2-Chlorophenol	7.357	128	255577	20.684	ng/ul	99
13) 2-Methylphenol	8.246	108	253837	21.314	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	386084	20.306	ng/ul	98
16) Acetophenone	8.604	105	404087	21.110	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.593	70	202477	20.707	ng/ul	94
18) 4-Methylphenol	8.575	108	281196	21.393	ng/ul	95
19) Hexachloroethane	8.863	117	95760	19.261	ng/ul	93
22) Nitrobenzene	8.981	77	298377	19.445	ng/ul	97
23) Isophorone	9.504	82	575783	19.005	ng/ul	99
25) 2-Nitrophenol	9.693	139	154633	19.925	ng/ul	98
26) 2,4-Dimethylphenol	9.769	107	328467	20.429	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.993	93	361200	19.482	ng/ul	97
29) 2,4-Dichlorophenol	10.240	162	265771	20.955	ng/ul	99
30) Naphthalene	10.628	128	865952	19.208	ng/ul	100
32) 4-Chloroaniline	10.734	127	394545	19.867	ng/ul	98
33) Hexachlorobutadiene	10.916	225	135535	18.613	ng/ul	100
34) Caprolactam	11.487	113	108255m	21.858	ng/ul	
35) 4-Chloro-3-methylphenol	11.887	107	319605	21.342	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.240	142	609035	19.982	ng/ul	99
37) 1-Methylnaphthalene	12.457	142	617629	19.858	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.610	216	282397	19.059	ng/ul	96
40) Hexachlorocyclopentadiene	12.598	237	160839	17.844	ng/ul	98
41) 2,4,6-Trichlorophenol	12.857	196	201884	19.760	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	224062	19.801	ng/ul	96
43) 1,1'-Biphenyl	13.251	154	823465	19.142	ng/ul	99
44) 2-Chloronaphthalene	13.292	162	637487	19.533	ng/ul	97
45) 2-Nitroaniline	13.498	65	205446	20.235	ng/ul	95
47) Dimethylphthalate	13.875	163	789566	18.554	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	165837	19.932	ng/ul	98
50) Acenaphthylene	14.139	152	1046443	19.280	ng/ul	99
51) 3-Nitroaniline	14.322	138	173638	19.740	ng/ul	99
52) Acenaphthene	14.481	153	677056	19.097	ng/ul	100
53) 2,4-Dinitrophenol	14.534	184	110725	20.786	ng/ul	98
55) 4-Nitrophenol	14.669	109	127347	17.612	ng/ul	100
56) Dibenzofuran	14.816	168	958681	19.194	ng/ul	97
57) 2,4-Dinitrotoluene	14.781	165	243947	19.802	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.051	232	171226	19.277	ng/ul	94
59) Diethylphthalate	15.245	149	819862	18.713	ng/ul	98
61) Fluorene	15.469	166	760622	19.570	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.463	204	348399	19.465	ng/ul	94
63) 4-Nitroaniline	15.481	138	161959	19.704	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.545	198	134799	19.562	ng/ul#	92
67) N-Nitrosodiphenylamine	15.675	169	672854	20.003	ng/ul	97
68) 4-Bromophenyl-phenylether	16.351	248	200328	19.605	ng/ul#	89
69) Hexachlorobenzene	16.475	284	227181	19.342	ng/ul#	91
70) Atrazine	16.628	200	235909	20.100	ng/ul	95
71) Pentachlorophenol	16.822	266	162267	22.181	ng/ul	96
72) Phenanthrene	17.204	178	1212738	19.585	ng/ul	98
74) Anthracene	17.292	178	1242910	19.962	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.216	216	305742	19.459	ng/uL	98
76) Pentachlorobenzene	14.739	250	281141	20.245	ng/uL	95
77) Carbazole	17.563	167	1122415	19.815	ng/ul	97
78) Di-n-butylphthalate	18.133	149	1400816	19.944	ng/ul	100
80) Fluoranthene	19.221	202	1366231	20.165	ng/ul	98
82) Pyrene	19.586	202	1393852	20.052	ng/ul	96
83) Butylbenzylphthalate	20.486	149	642263	20.531	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.268	252	409490	20.719	ng/ul#	97
85) Benzo(a)anthracene	21.333	228	1262832	19.326	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.274	149	946078	21.434	ng/ul	98
87) Chrysene	21.386	228	1271320	19.887	ng/ul	99
89) Di-n-octyl phthalate	22.168	149	1646074	21.235	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	1228923m	20.559	ng/ul	
91) Benzo(k)fluoranthene	23.010	252	1142056	20.071	ng/ul	96
93) Benzo(a)pyrene	23.562	252	1103384	19.070	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.033	276	1111771	18.676	ng/ul	95
95) Dibenzo(a,h)anthracene	26.051	278	957287	18.827	ng/ul	96
96) Benzo(g,h,i)perylene	26.762	276	951762	18.932	ng/ul#	94

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

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