Quantitation Report (Qedit)

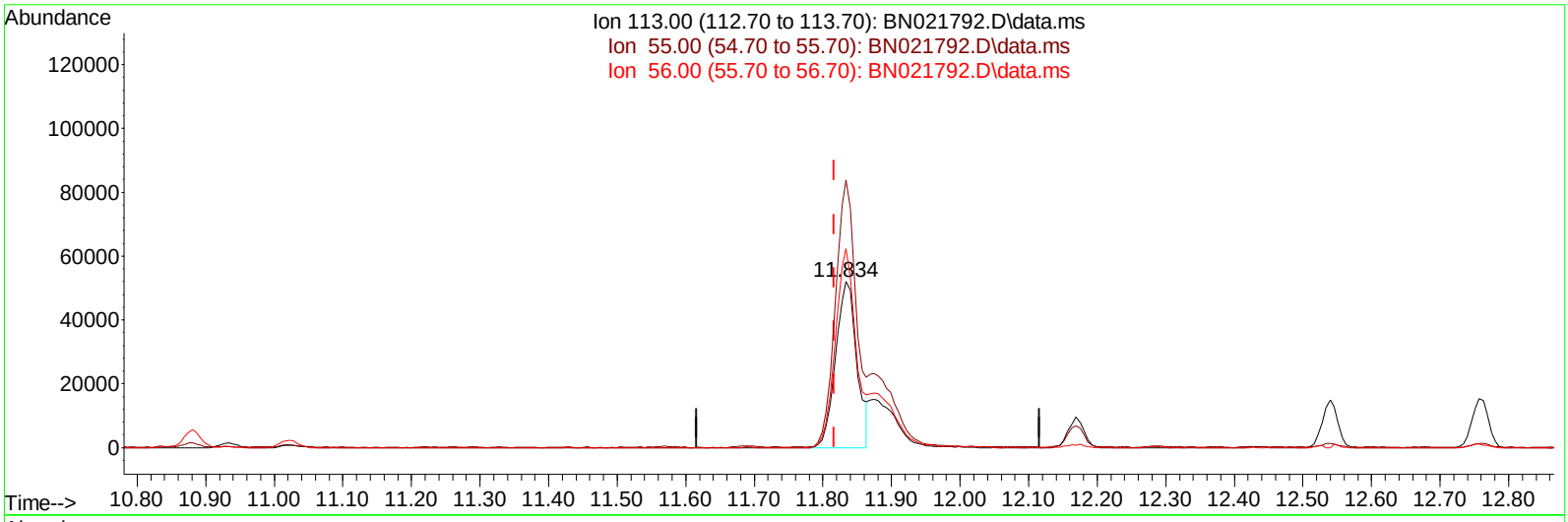
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021792.D
Acq On : 16 Sep 2022 17:09
Operator : CG/JU
Sample : N4601-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

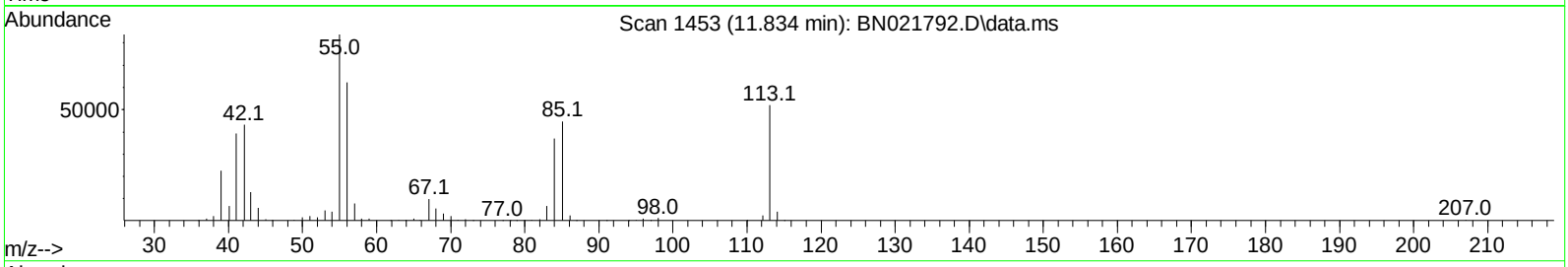
Quant Time: Sep 17 00:23:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 17 00:17:38 2022
Response via : Initial Calibration

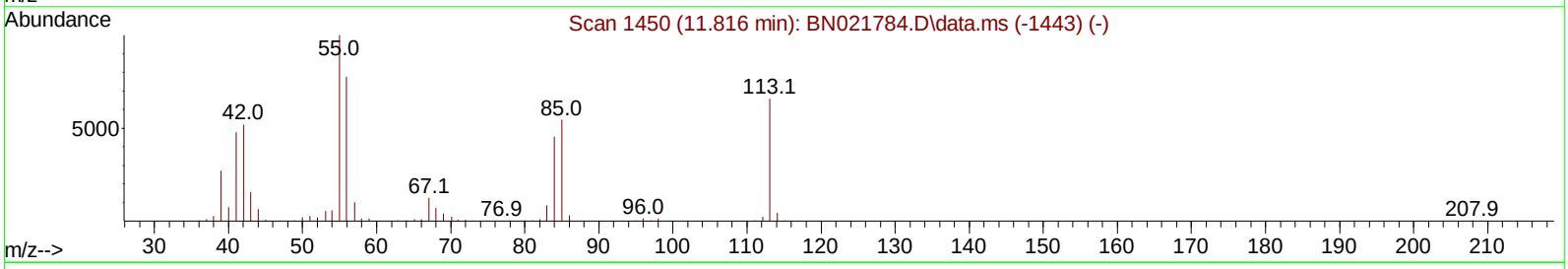
Instrument :
BNA_N
ClientSampleId :
A5741MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022







TIC: BN021792.D\data.ms

(34) Caprolactam

11.834min (+ 0.018) 24.70 ng/ul

response 111896

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	160.78
56.00	133.10	119.65
0.00	0.00	0.00

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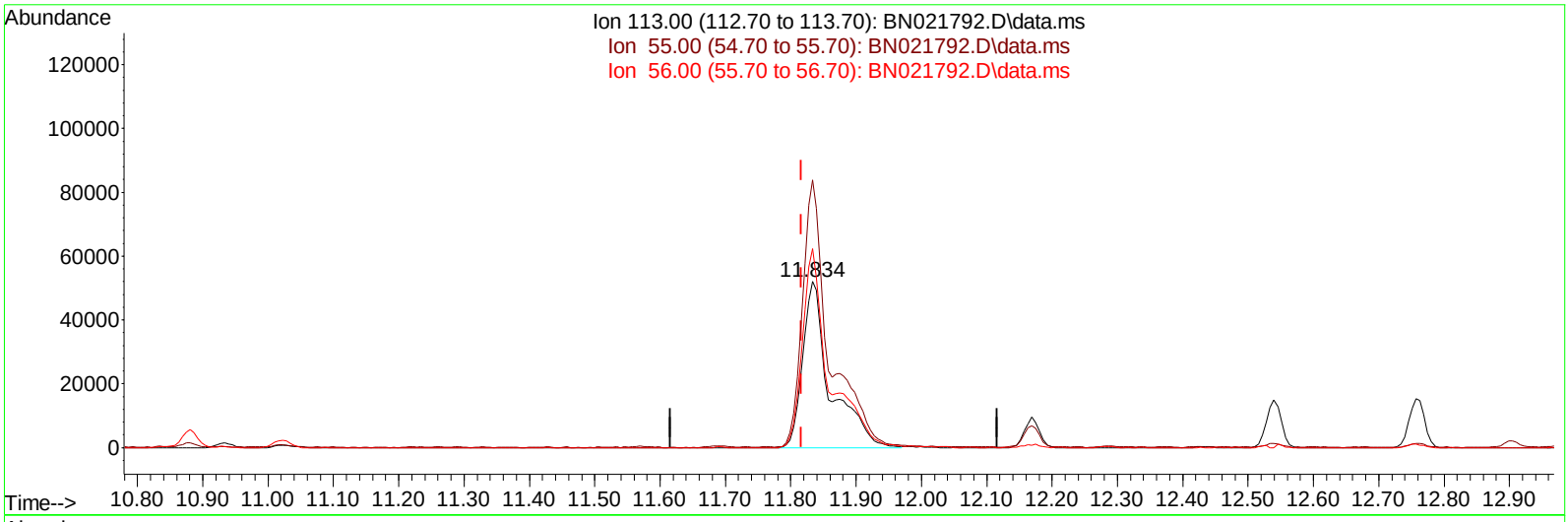

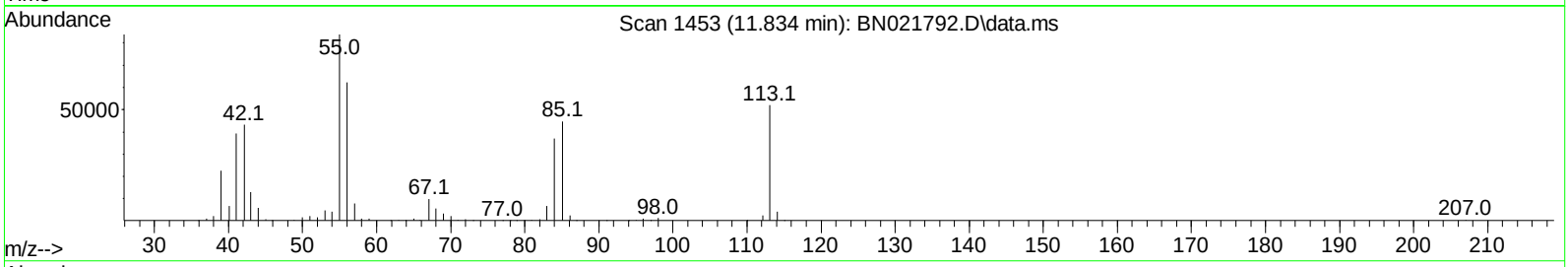

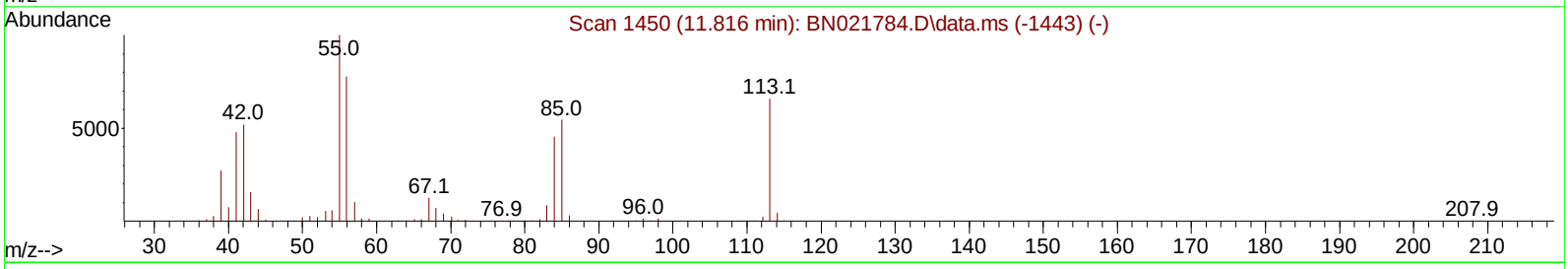

TIC: BN021792.D\data.ms

(34) Caprolactam

11.834min (+ 0.018) 33.69 ng/ul m

response 152614

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	160.78
56.00	133.10	119.65
0.00	0.00	0.00

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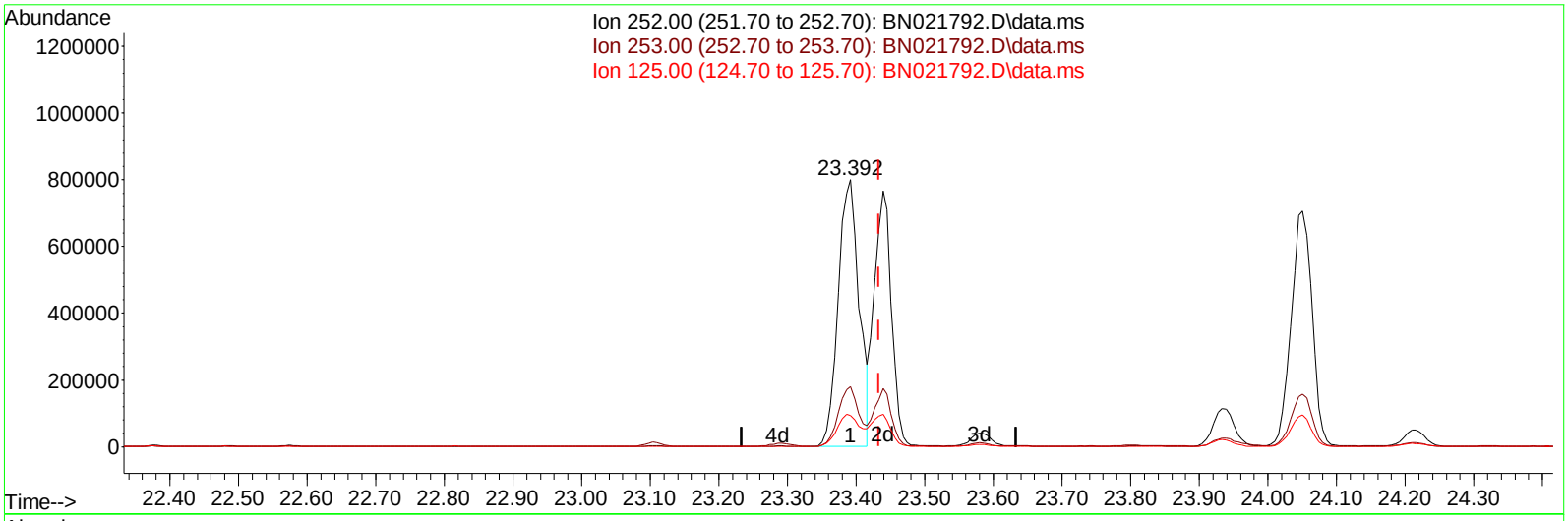

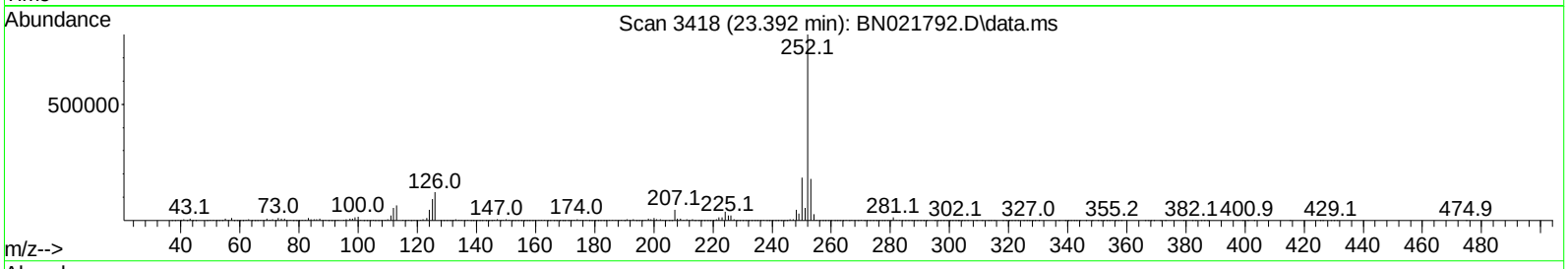

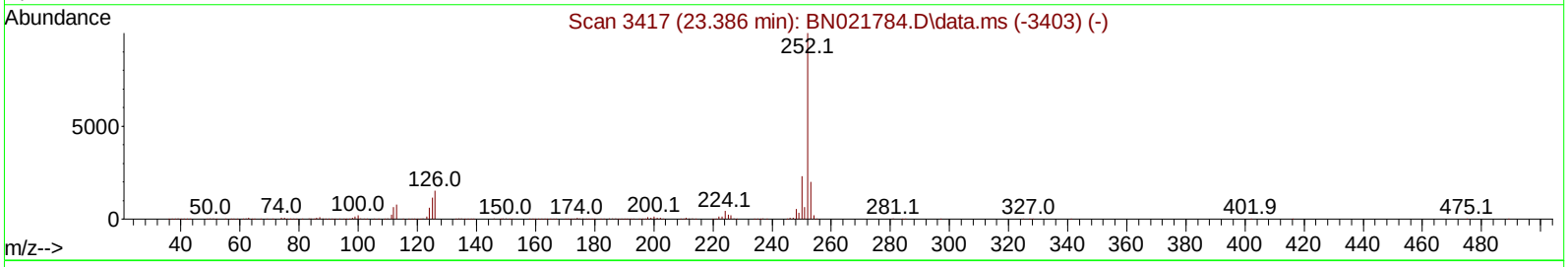

TIC: BN021792.D\data.ms

(91) Benzo(k)fluoranthene

23.392min (-0.041) 58.26 ng/ul

response 1685396

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	22.52
125.00	10.30	11.68
0.00	0.00	0.00

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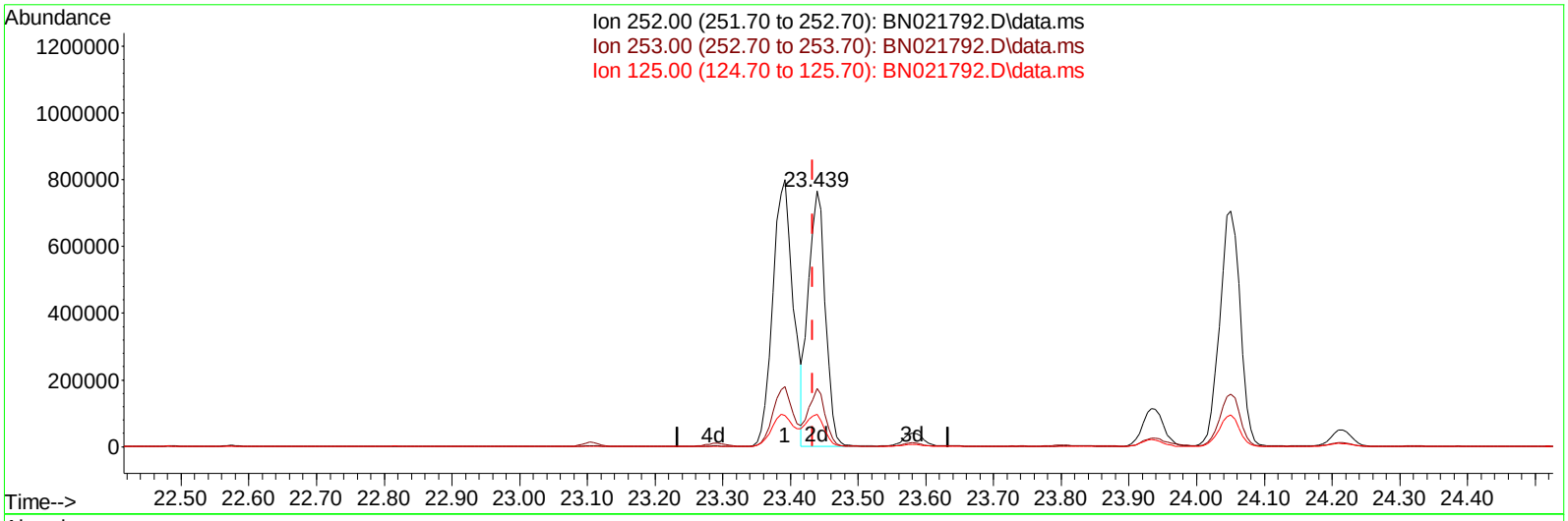

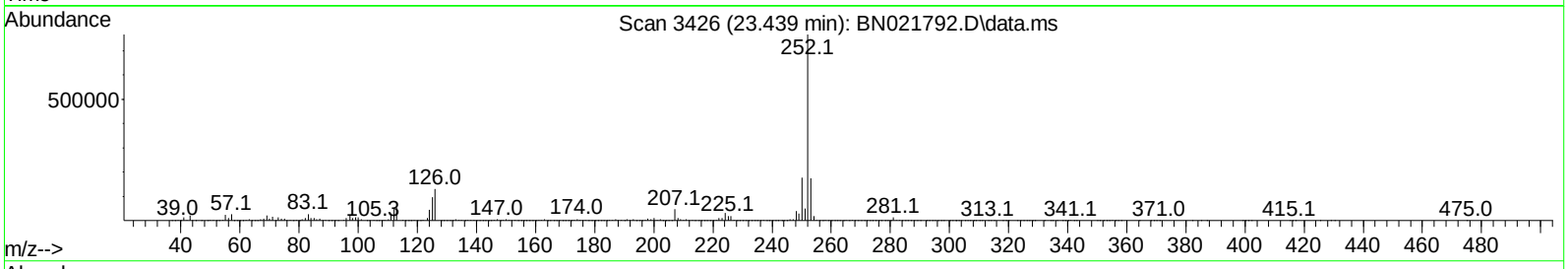

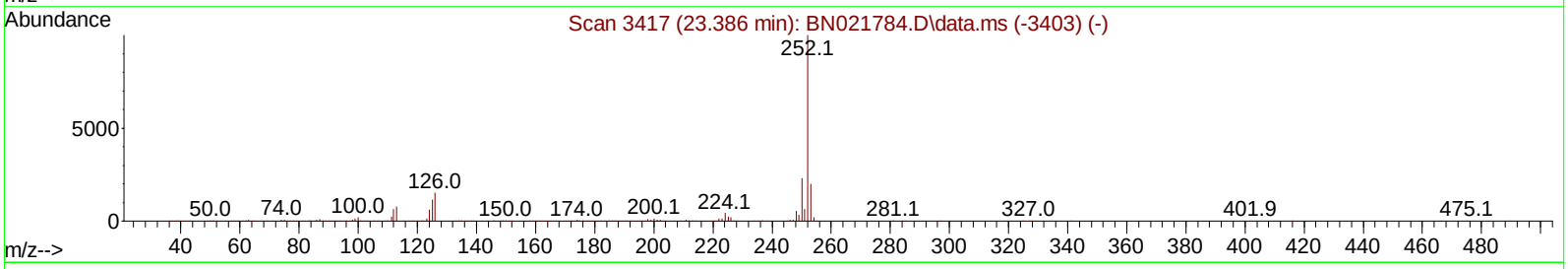

TIC: BN021792.D\data.ms

(91) Benzo(k)fluoranthene

23.439min (+ 0.006) 46.07 ng/ul m

response 1332520

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	22.83
125.00	10.30	12.69#
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	8.052	152	187329	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	838608	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	493746	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	958311	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	588528	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	531519	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	18424	3.693	ng/uL	0.00
4) Pyridine-d5	3.793	84	145400	10.693	ng/ul	0.00
7) Phenol-d5	7.205	99	387046	22.781	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	232667	22.623	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	303908	24.586	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	313988	23.553	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	159201	27.864	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	172984	33.896	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	305253	27.008	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	361053	18.810	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	874931	25.926	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1028043	26.130	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	158073	23.538	ng/ul	0.00
60) Fluorene-d10	15.704	176	702459	23.922	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	131016	34.180	ng/ul	0.01
73) Anthracene-d10	17.557	188	1027095	24.321	ng/ul	0.00
81) Pyrene-d10	19.851	212	1028946	36.763	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	701726	27.854	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	57341	11.159	ng/uL	94
5) Pyridine	3.816	79	213683	15.617	ng/ul	87
6) Benzaldehyde	7.181	77	142208	19.264	ng/ul	94
8) Phenol	7.234	94	592604	33.753	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.469	93	452952	32.356	ng/ul	94
12) 2-Chlorophenol	7.610	128	447547	33.749	ng/ul	96
13) 2-Methylphenol	8.499	108	443542	33.250	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.581	45	579725	32.832	ng/ul	96
16) Acetophenone	8.887	105	691388	32.791	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.869	70	357030	34.008	ng/ul	92
18) 4-Methylphenol	8.834	108	479993	32.756	ng/ul	97
19) Hexachloroethane	9.140	117	185315	35.060	ng/ul	91
22) Nitrobenzene	9.269	77	513418	36.465	ng/ul	98
23) Isophorone	9.804	82	1021943	35.248	ng/ul	100
25) 2-Nitrophenol	9.987	139	265809	44.465	ng/ul	93
26) 2,4-Dimethylphenol	10.046	107	518863	35.051	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.287	93	628142	34.596	ng/ul	98
29) 2,4-Dichlorophenol	10.528	162	426211	35.992	ng/ul	97
30) Naphthalene	10.934	128	1449698	33.200	ng/ul	99
32) 4-Chloroaniline	11.046	127	286963	14.426	ng/ul	97
33) Hexachlorobutadiene	11.216	225	243501	35.693	ng/ul	98
34) Caprolactam	11.834	113	152614m	33.693	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	490529	36.755	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.540	142	981285	33.220	ng/ul	95
37)	1-Methylnaphthalene	12.757	142	970494	32.692	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.904	216	460920	36.405	ng/ul	96
40)	Hexachlorocyclopentadiene	12.881	237	219621	29.136	ng/ul	97
41)	2,4,6-Trichlorophenol	13.145	196	313578	39.917	ng/ul	89
42)	2,4,5-Trichlorophenol	13.222	196	355106	41.198	ng/ul	95
43)	1,1'-Biphenyl	13.545	154	1253288	34.734	ng/ul	99
44)	2-Chloronaphthalene	13.587	162	948759	34.346	ng/ul	97
45)	2-Nitroaniline	13.798	65	311436	44.950	ng/ul	89
47)	Dimethylphthalate	14.163	163	1230196	35.638	ng/ul	99
48)	2,6-Dinitrotoluene	14.287	165	263843	44.552	ng/ul	99
50)	Acenaphthylene	14.434	152	1605117	35.341	ng/ul	99
51)	3-Nitroaniline	14.622	138	263052	39.871	ng/ul	98
52)	Acenaphthene	14.775	153	1018746	34.714	ng/ul	98
53)	2,4-Dinitrophenol	14.822	184	142024	48.988	ng/ul	96
55)	4-Nitrophenol	14.928	109	185544	34.467	ng/ul	93
56)	Dibenzofuran	15.110	168	1417300	33.613	ng/ul	100
57)	2,4-Dinitrotoluene	15.075	165	369764	42.991	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.334	232	255878	38.676	ng/ul	92
59)	Diethylphthalate	15.522	149	1276903	36.680	ng/ul	97
61)	Fluorene	15.757	166	1106378	33.270	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.745	204	520201	33.934	ng/ul	94
63)	4-Nitroaniline	15.786	138	277619	41.931	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.833	198	195645	48.179	ng/ul	96
67)	N-Nitrosodiphenylamine	15.963	169	981514	36.543	ng/ul	98
68)	4-Bromophenyl-phenylether	16.645	248	320415	37.595	ng/ul	94
69)	Hexachlorobenzene	16.757	284	365738	36.049	ng/ul	93
70)	Atrazine	16.910	200	11895	1.252	ng/ul	94
71)	Pentachlorophenol	17.104	266	210062	37.190	ng/ul	96
72)	Phenanthrene	17.504	178	2213672	43.732	ng/ul	98
74)	Anthracene	17.592	178	1758482	34.888	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.510	216	456132	37.397	ng/uL	96
76)	Pentachlorobenzene	15.028	250	441495	37.998	ng/uL	96
77)	Carbazole	17.869	167	1608763	33.775	ng/ul	98
78)	Di-n-butylphthalate	18.422	149	2269200	42.256	ng/ul	100
80)	Fluoranthene	19.522	202	2749854	81.455	ng/ul	95
82)	Pyrene	19.886	202	2499387	71.034	ng/ul#	93
83)	Butylbenzylphthalate	20.769	149	910202	68.346	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.563	252	268742	23.949	ng/ul#	98
85)	Benzo(a)anthracene	21.633	228	1721065	48.569	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.545	149	1366213	67.003	ng/ul	99
87)	Chrysene	21.692	228	1665803	48.553	ng/ul	96
89)	Di-n-octyl phthalate	22.504	149	2040417	65.535	ng/ul	100
90)	Benzo(b)fluoranthene	23.392	252	1685396	52.120	ng/ul	96
91)	Benzo(k)fluoranthene	23.439	252	1332520m	46.066	ng/ul	
93)	Benzo(a)pyrene	24.051	252	1504276	48.620	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	26.815	276	1583924	41.701	ng/ul	95
95)	Dibenzo(a,h)anthracene	26.827	278	1209226	37.724	ng/ul	98
96)	Benzo(g,h,i)perylene	27.621	276	1295973	39.100	ng/ul	96

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

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