Quantitation Report (Qedit)

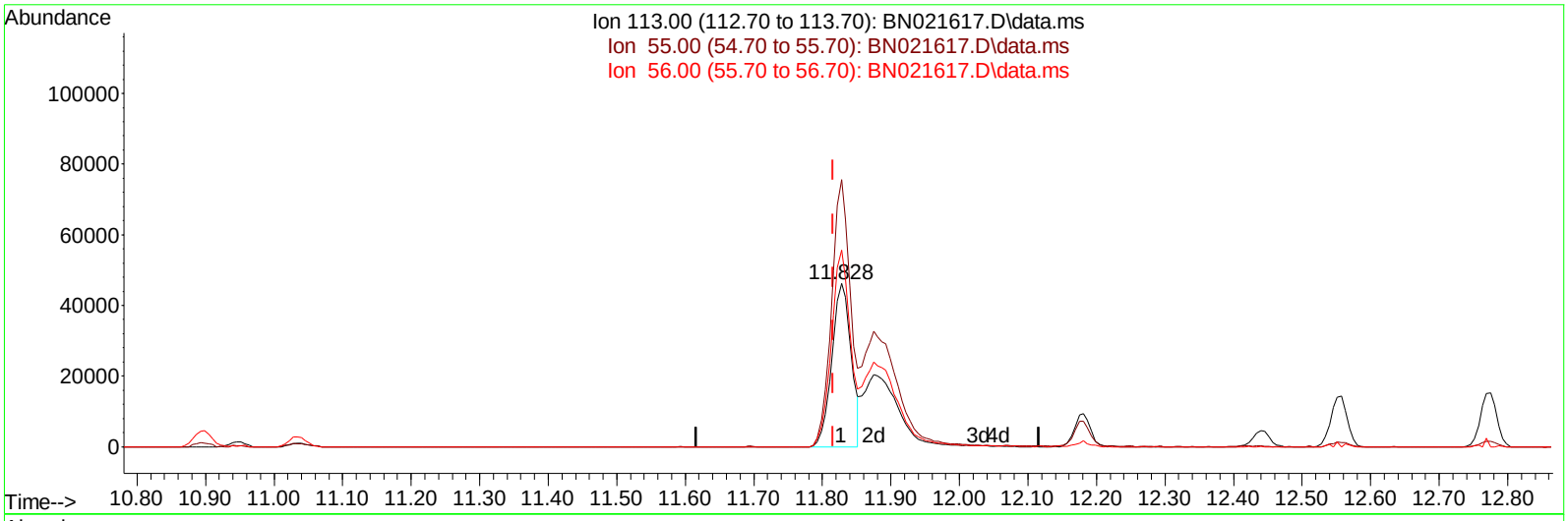
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
Data File : BN021617.D
Acq On : 07 Sep 2022 01:16
Operator : CG/JU
Sample : PB147444BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

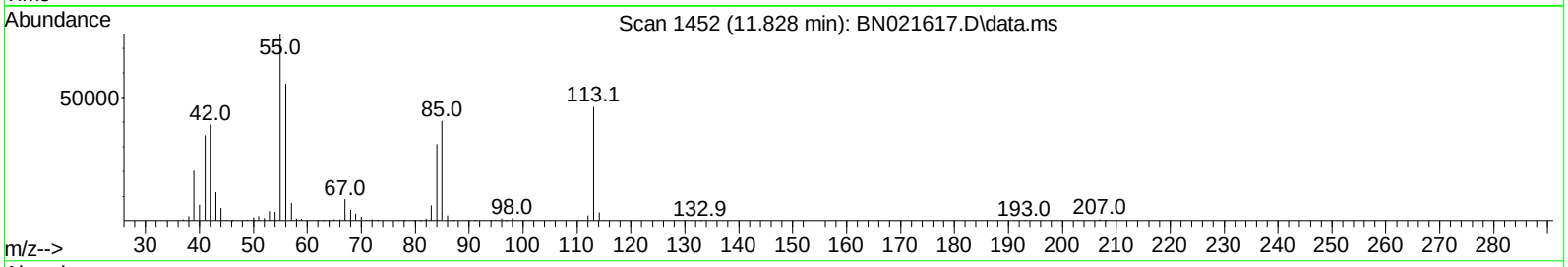
Quant Time: Sep 07 01:45:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 07 01:01:49 2022
Response via : Initial Calibration

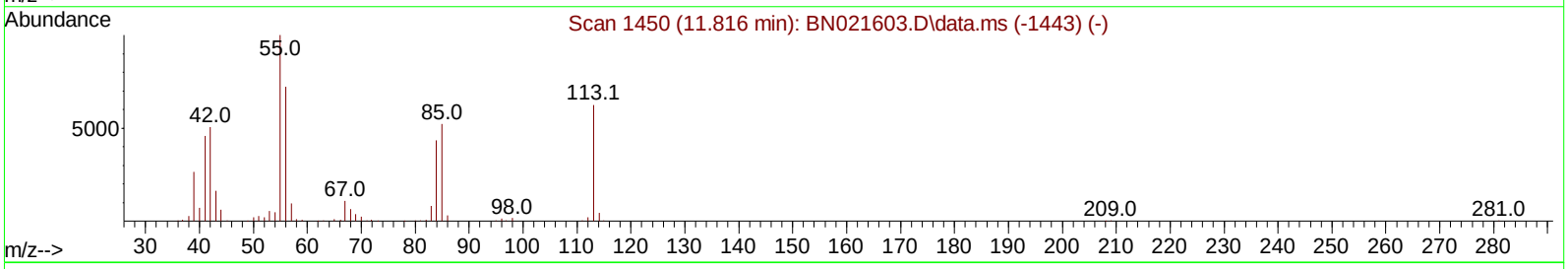
Instrument :
BNA_N
ClientSampleId :
SLCS444

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/07/2022
Supervised By :mohammad ahmed 09/07/2022







TIC: BN021617.D\data.ms

(34) Caprolactam

11.828min (+ 0.012) 22.03 ng/ul

response 90457

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	163.62
56.00	133.10	120.46
0.00	0.00	0.00

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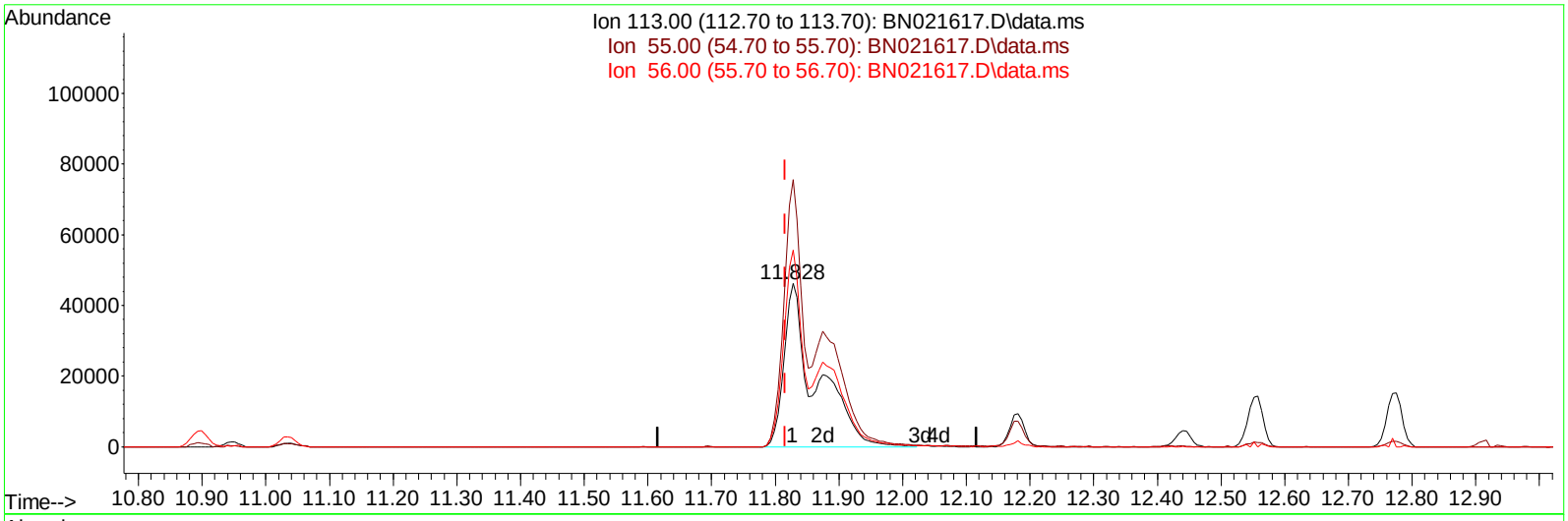

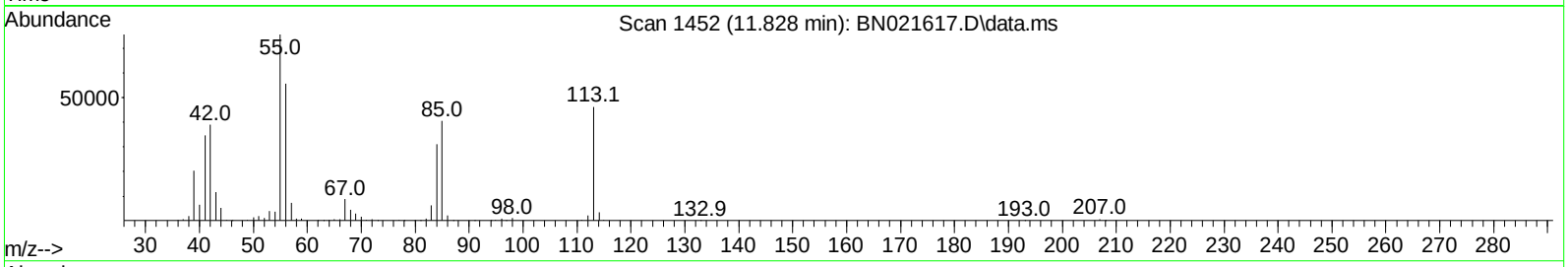

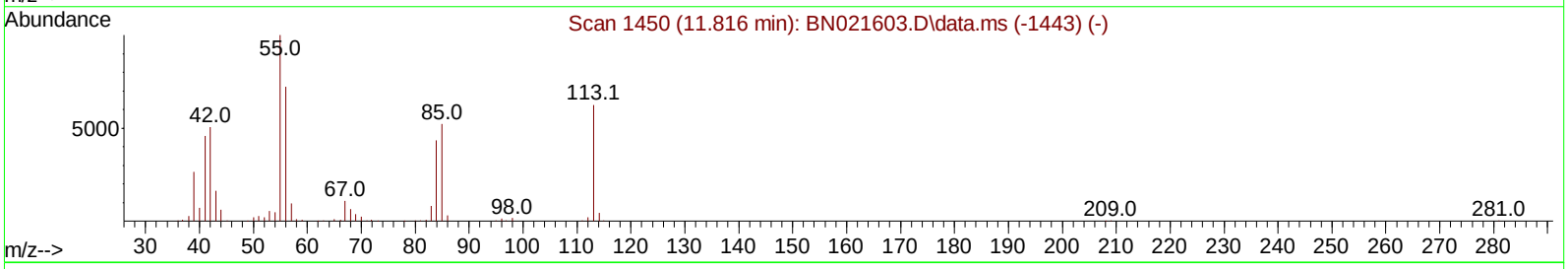

TIC: BN021617.D\data.ms

(34) Caprolactam

11.828min (+ 0.012) 39.35 ng/ul m

response 161563

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	163.62
56.00	133.10	120.46
0.00	0.00	0.00

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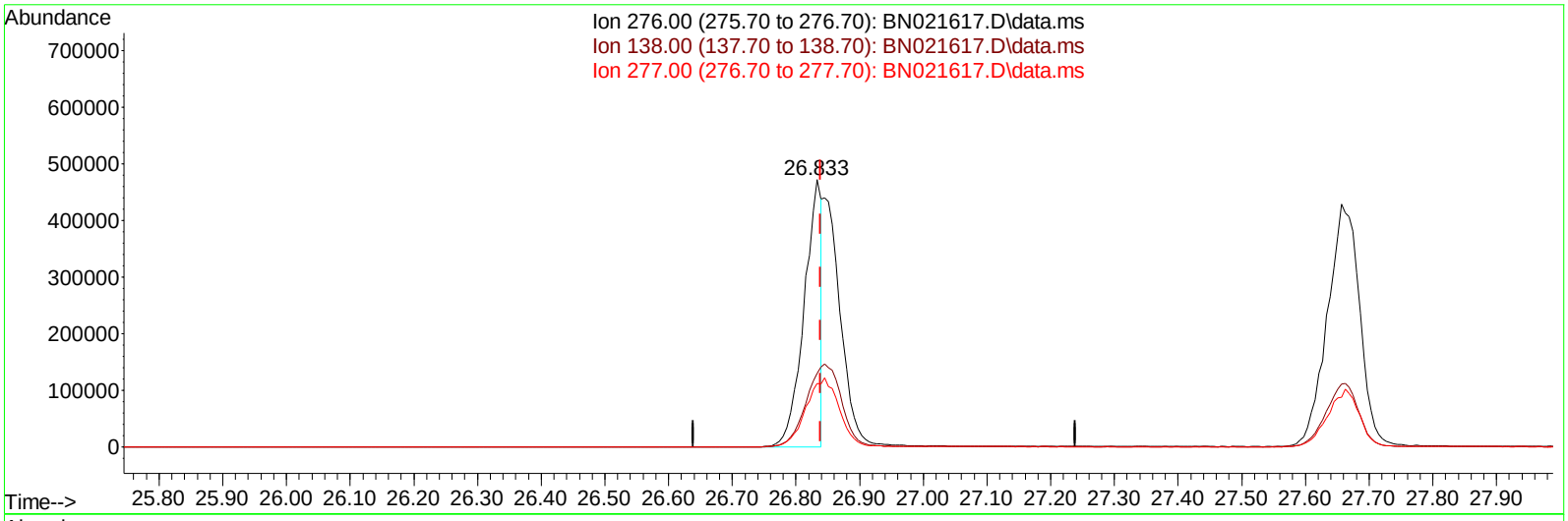

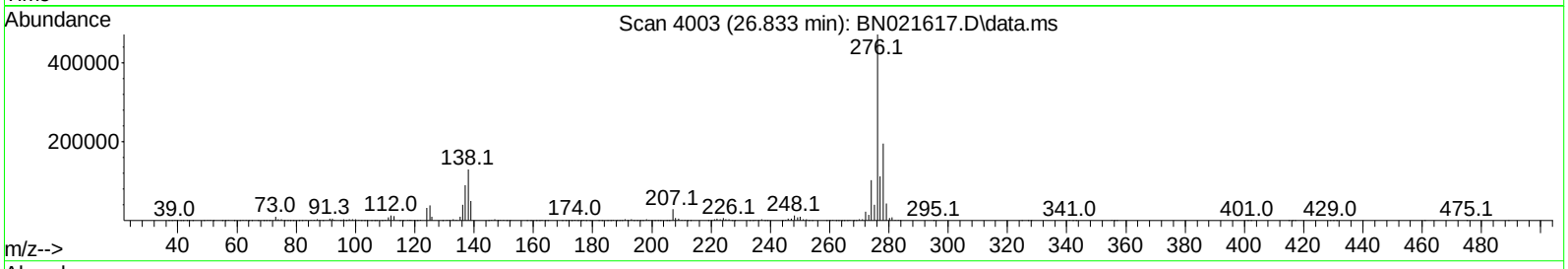

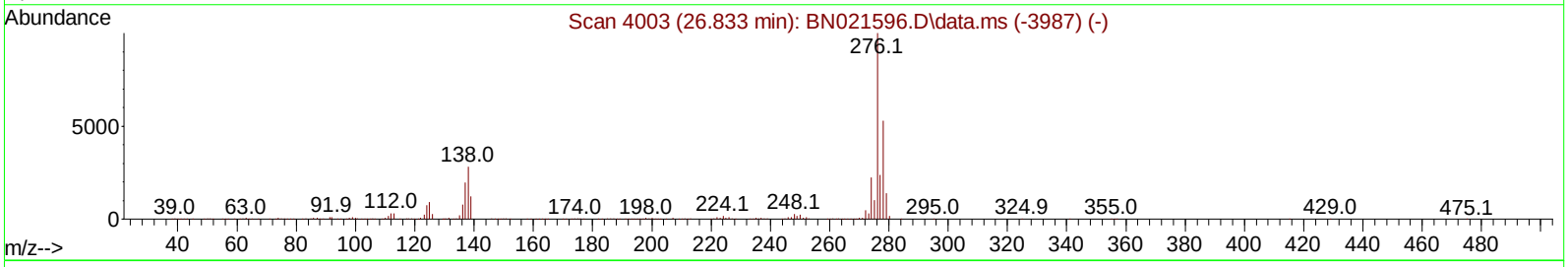

TIC: BN021617.D\data.ms

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

26.833min (-0.006) 17.00 ng/ul

response 893304

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	27.60
277.00	26.70	23.83
0.00	0.00	0.00

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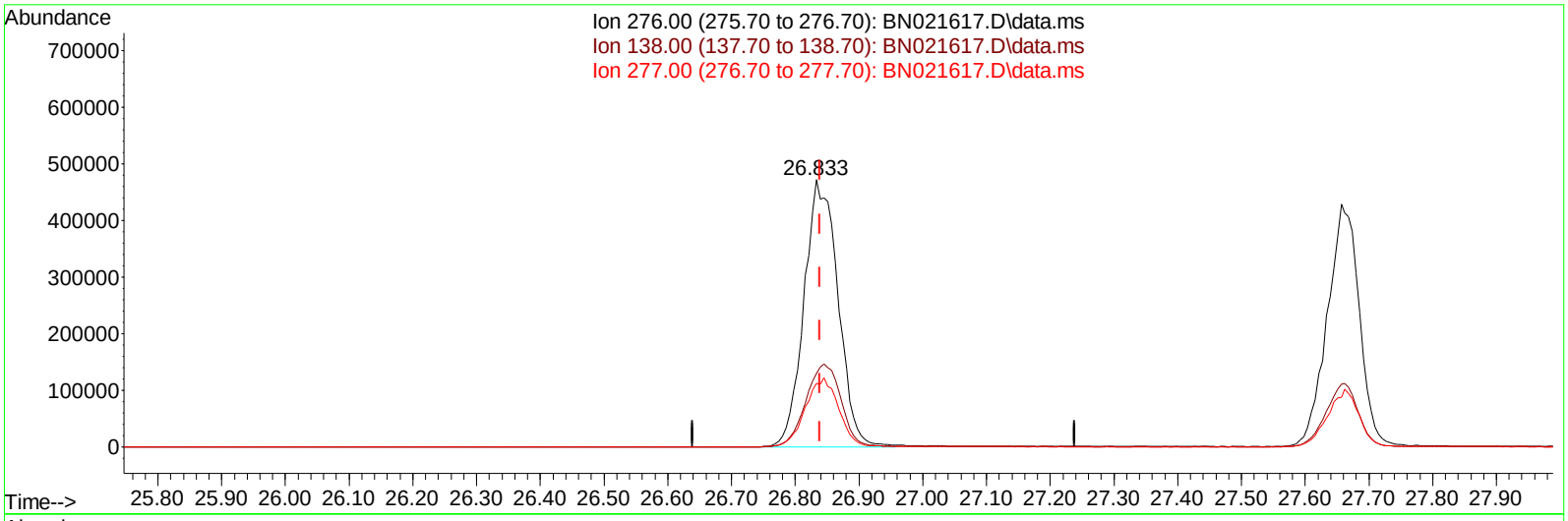

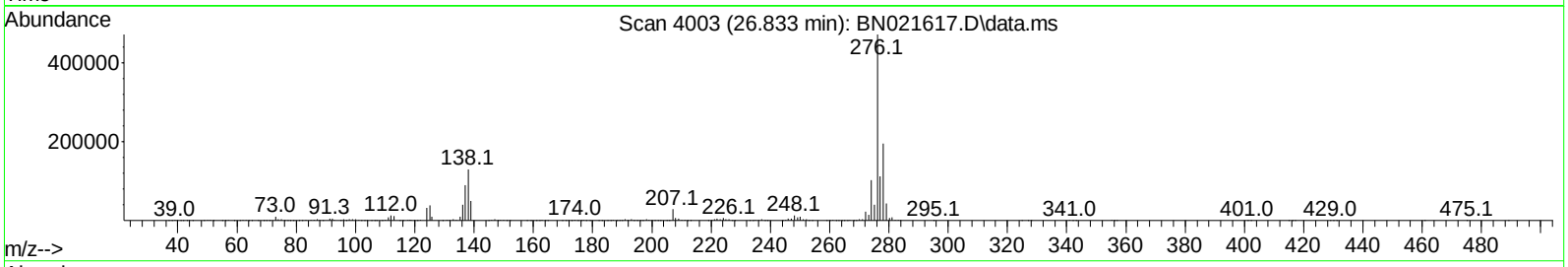

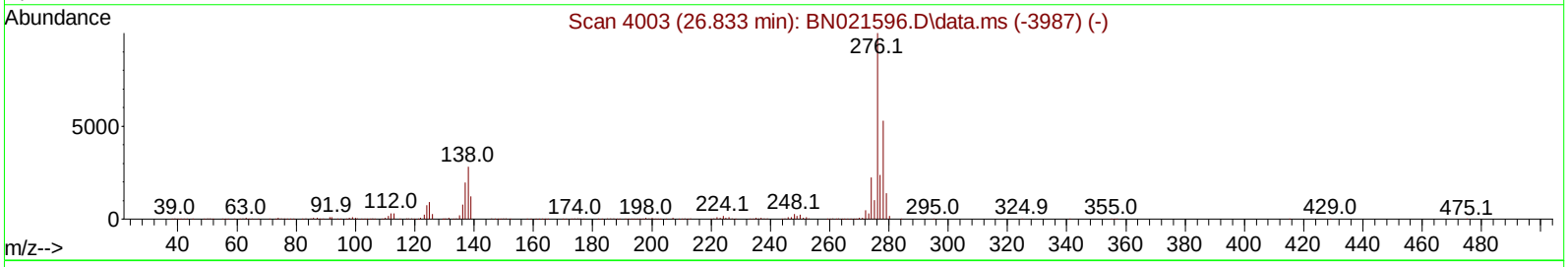

TIC: BN021617.D\data.ms

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

26.833min (-0.006) 33.08 ng/ul m

response 1737838

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	27.60
277.00	26.70	23.83
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/07/2022
Supervised By :mohammad ahmed 09/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	172635	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	760065	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	474869	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	957523	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	783769	20.000	ng/ul	# 0.00
88) Perylene-d12	24.180	264	735209	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	30250	6.579	ng/uL	0.00
4) Pyridine-d5	3.793	84	397850	31.748	ng/ul	0.00
7) Phenol-d5	7.216	99	574551	36.695	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	342210	36.107	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	432890	38.001	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	452064	36.797	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	218048	42.107	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	230179	49.765	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	418014	40.807	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	479076	27.538	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	1214441	37.417	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	1415887	37.419	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	247552	38.328	ng/ul	0.00
60) Fluorene-d10	15.710	176	1004507	35.568	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	194091	50.678	ng/ul	0.00
73) Anthracene-d10	17.569	188	1529001	36.235	ng/ul	0.00
81) Pyrene-d10	19.863	212	1676550	44.980	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	1429034	41.008	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	65928	13.922	ng/uL	93
5) Pyridine	3.817	79	443698	35.188	ng/ul	89
6) Benzaldehyde	7.193	77	99089	14.565	ng/ul	98
8) Phenol	7.246	94	598433	36.986	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.481	93	472307	36.610	ng/ul	95
12) 2-Chlorophenol	7.622	128	462915	37.879	ng/ul	96
13) 2-Methylphenol	8.510	108	461488	37.539	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.605	45	613496	37.701	ng/ul	95
16) Acetophenone	8.899	105	679773	34.985	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.887	70	354607	36.652	ng/ul	92
18) 4-Methylphenol	8.846	108	497212	36.819	ng/ul	99
19) Hexachloroethane	9.157	117	184248	37.825	ng/ul	84
22) Nitrobenzene	9.287	77	526599	41.266	ng/ul	97
23) Isophorone	9.810	82	1035948	39.424	ng/ul	99
25) 2-Nitrophenol	10.005	139	262669	48.480	ng/ul	92
26) 2,4-Dimethylphenol	10.057	107	520214	38.774	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.299	93	657759	39.971	ng/ul	98
29) 2,4-Dichlorophenol	10.540	162	428557	39.930	ng/ul	99
30) Naphthalene	10.946	128	1449510	36.626	ng/ul	99
32) 4-Chloroaniline	11.057	127	373512	20.718	ng/ul	99
33) Hexachlorobutadiene	11.228	225	230533	37.284	ng/ul	99
34) Caprolactam	11.828	113	161563m	39.354	ng/ul	
35) 4-Chloro-3-methylphenol	12.181	107	503789	41.649	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.557	142	1005213	37.547	ng/ul	100
37) 1-Methylnaphthalene	12.775	142	1004375	37.329	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.922	216	469705	38.574	ng/ul	96
40) Hexachlorocyclopentadiene	12.898	237	268307	37.010	ng/ul	98
41) 2,4,6-Trichlorophenol	13.157	196	319916	42.342	ng/ul	99
42) 2,4,5-Trichlorophenol	13.228	196	357771	43.157	ng/ul	96
43) 1,1'-Biphenyl	13.557	154	1294663	37.307	ng/ul	96
44) 2-Chloronaphthalene	13.598	162	974928	36.696	ng/ul	99
45) 2-Nitroaniline	13.804	65	316287	47.465	ng/ul	92
47) Dimethylphthalate	14.175	163	1278955	38.523	ng/ul	98
48) 2,6-Dinitrotoluene	14.298	165	264097	46.367	ng/ul	97
50) Acenaphthylene	14.445	152	1588680	36.370	ng/ul	100
51) 3-Nitroaniline	14.628	138	275206	43.372	ng/ul	99
52) Acenaphthene	14.787	153	1033383	36.612	ng/ul	95
53) 2,4-Dinitrophenol	14.828	184	151127	54.200	ng/ul	98
55) 4-Nitrophenol	14.934	109	191974	37.079	ng/ul	96
56) Dibenzofuran	15.122	168	1457446	35.940	ng/ul	97
57) 2,4-Dinitrotoluene	15.081	165	371964	44.966	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.340	232	251133	39.468	ng/ul	97
59) Diethylphthalate	15.534	149	1304977	38.977	ng/ul	97
61) Fluorene	15.769	166	1101450	34.439	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.757	204	524909	35.603	ng/ul	98
63) 4-Nitroaniline	15.792	138	301496	47.347	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.845	198	209929	51.739	ng/ul	99
67) N-Nitrosodiphenylamine	15.975	169	1020747	38.035	ng/ul	98
68) 4-Bromophenyl-phenylether	16.657	248	343427	40.328	ng/ul	93
69) Hexachlorobenzene	16.769	284	389158	38.389	ng/ul	92
70) Atrazine	16.922	200	17784	1.873	ng/ul	95
71) Pentachlorophenol	17.116	266	225353	39.930	ng/ul	95
72) Phenanthrene	17.516	178	1859631	36.768	ng/ul	99
74) Anthracene	17.604	178	1850263	36.739	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.522	216	465702	38.213	ng/uL	95
76) Pentachlorobenzene	15.040	250	441261	38.009	ng/uL	98
77) Carbazole	17.875	167	1734162	36.438	ng/ul	97
78) Di-n-butylphthalate	18.433	149	2210001	41.187	ng/ul	98
80) Fluoranthene	19.528	202	2185293	48.607	ng/ul	95
82) Pyrene	19.892	202	2096671	44.745	ng/ul#	90
83) Butylbenzylphthalate	20.786	149	1015446	57.254	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.574	252	509406	34.087	ng/ul#	97
85) Benzo(a)anthracene	21.645	228	1904442	40.356	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	1486322	54.735	ng/ul	98
87) Chrysene	21.704	228	1917425	41.966	ng/ul	99
89) Di-n-octyl phthalate	22.521	149	2484115	57.681	ng/ul	100
90) Benzo(b)fluoranthene	23.410	252	1894470	42.354	ng/ul#	97
91) Benzo(k)fluoranthene	23.463	252	1793272	44.819	ng/ul	94
93) Benzo(a)pyrene	24.068	252	1813197	42.369	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.833	276	1737838m	33.077	ng/ul	
95) Dibenzo(a,h)anthracene	26.862	278	1523406	34.358	ng/ul	95
96) Benzo(g,h,i)perylene	27.657	276	1512106	32.981	ng/ul#	93

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

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