Quantitation Report (Qedit)

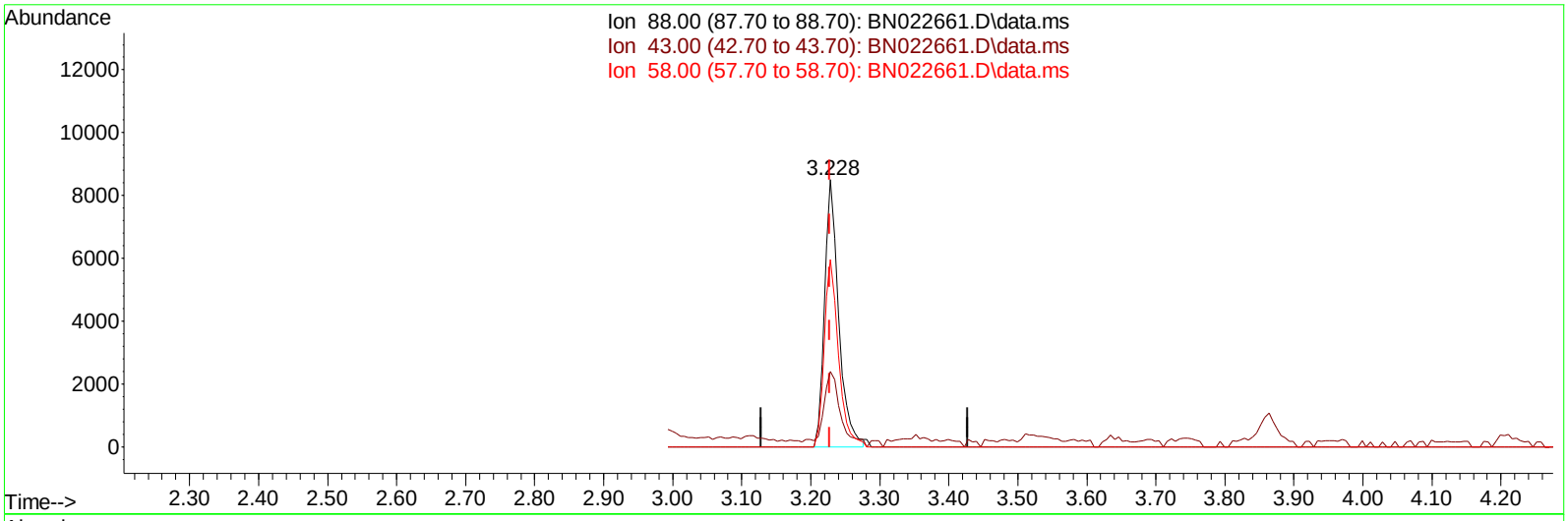
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022661.D
Acq On : 15 Nov 2022 22:30
Operator : CG/JU
Sample : N5570-07MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

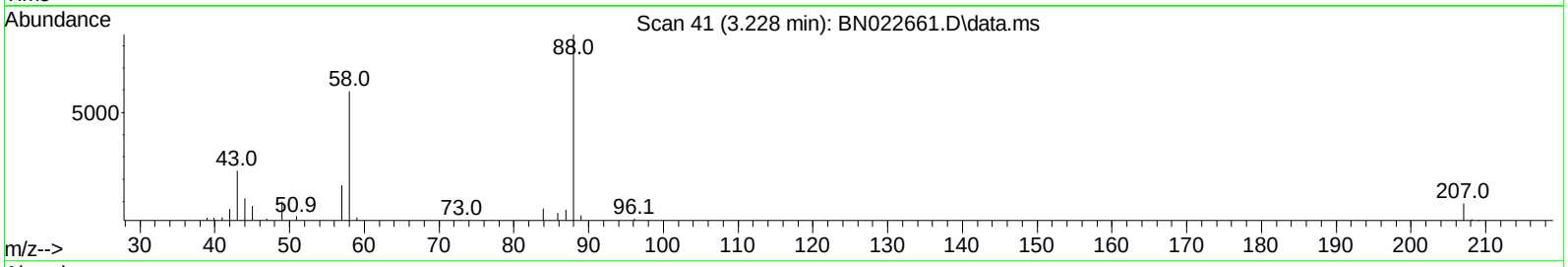
Quant Time: Nov 15 23:17:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 22:53:43 2022
Response via : Initial Calibration

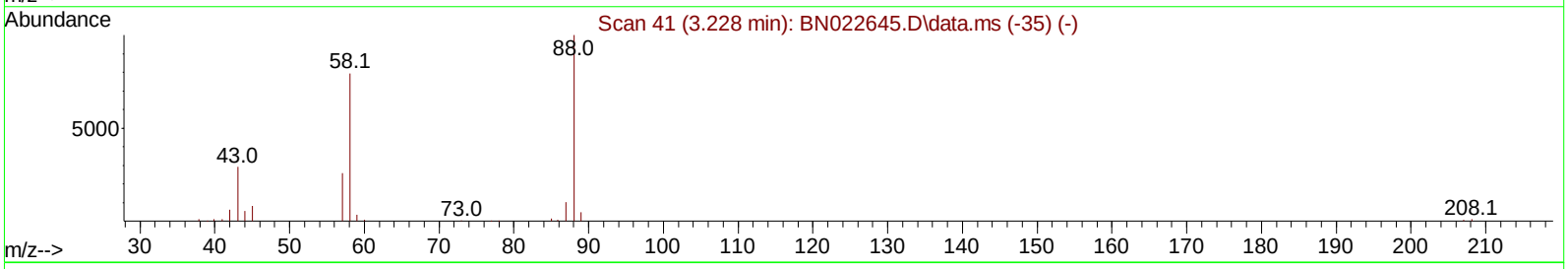
Instrument :
BNA_N
ClientSampleId :
GBMW5MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/16/2022
Supervised By :mohammad ahmed 11/16/2022







TIC: BN022661.D\data.ms

(2) 1,4-Dioxane

3.228min (+ 0.000) 5.16 ng/uL

response 12095

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	38.50	28.19#
58.00	77.10	70.06
0.00	0.00	0.00

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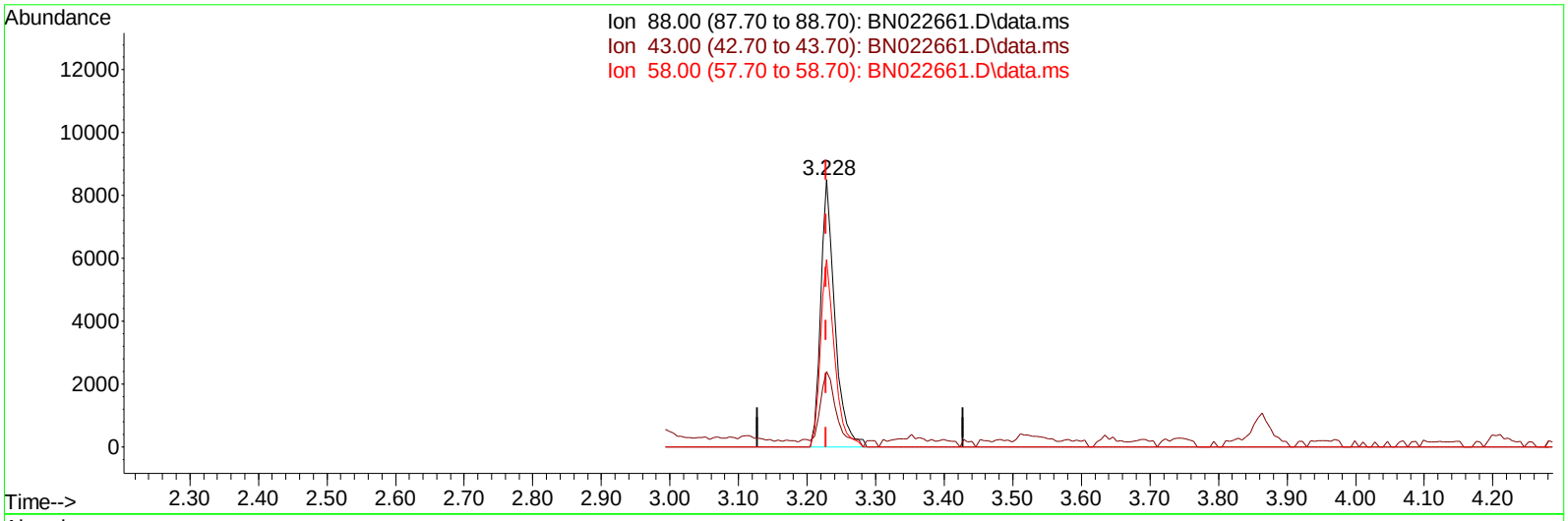

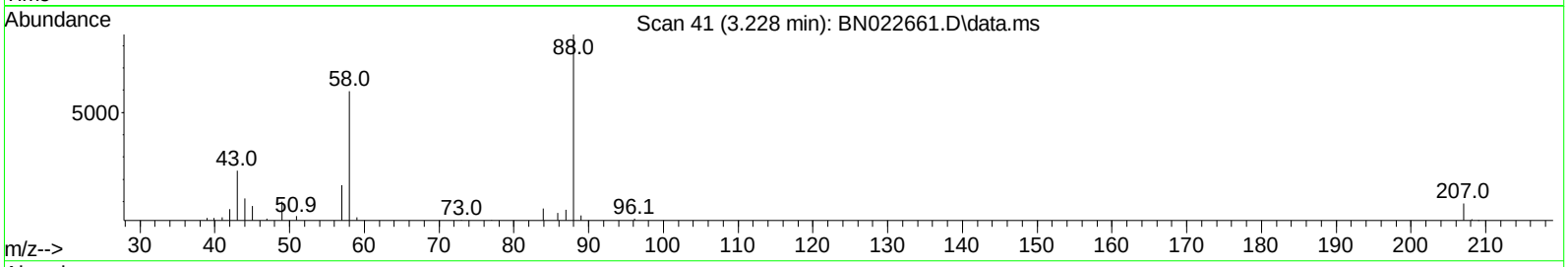

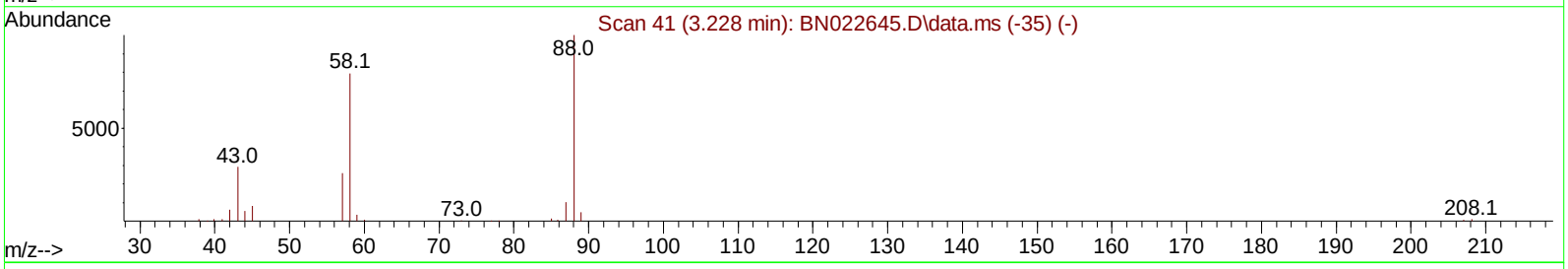

TIC: BN022661.D\data.ms

(2) 1,4-Dioxane

3.228min (+ 0.000) 5.19 ng/uL m

response 12176

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	38.50	28.19#
58.00	77.10	70.06
0.00	0.00	0.00

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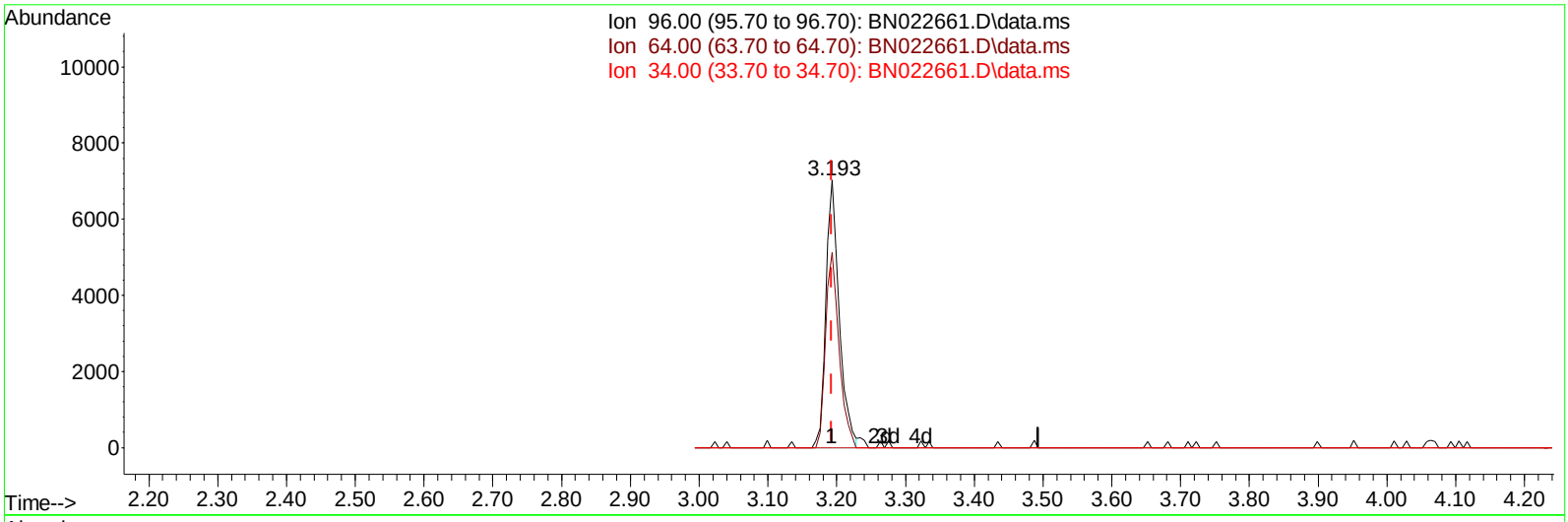

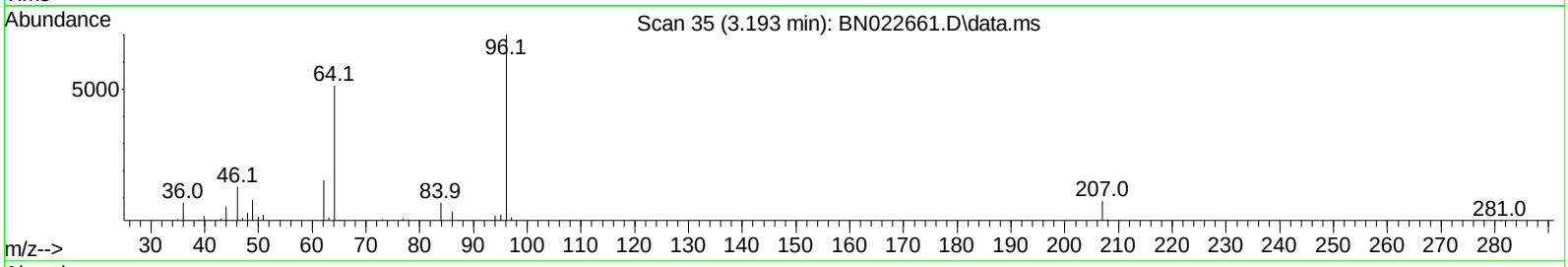

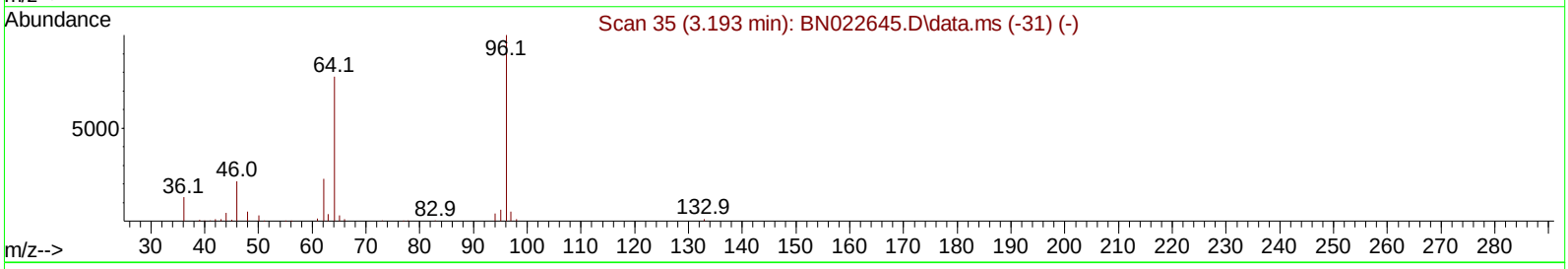

TIC: BN022661.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.193min (+ 0.000) 4.27 ng/uL

response 9410

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.50	73.09
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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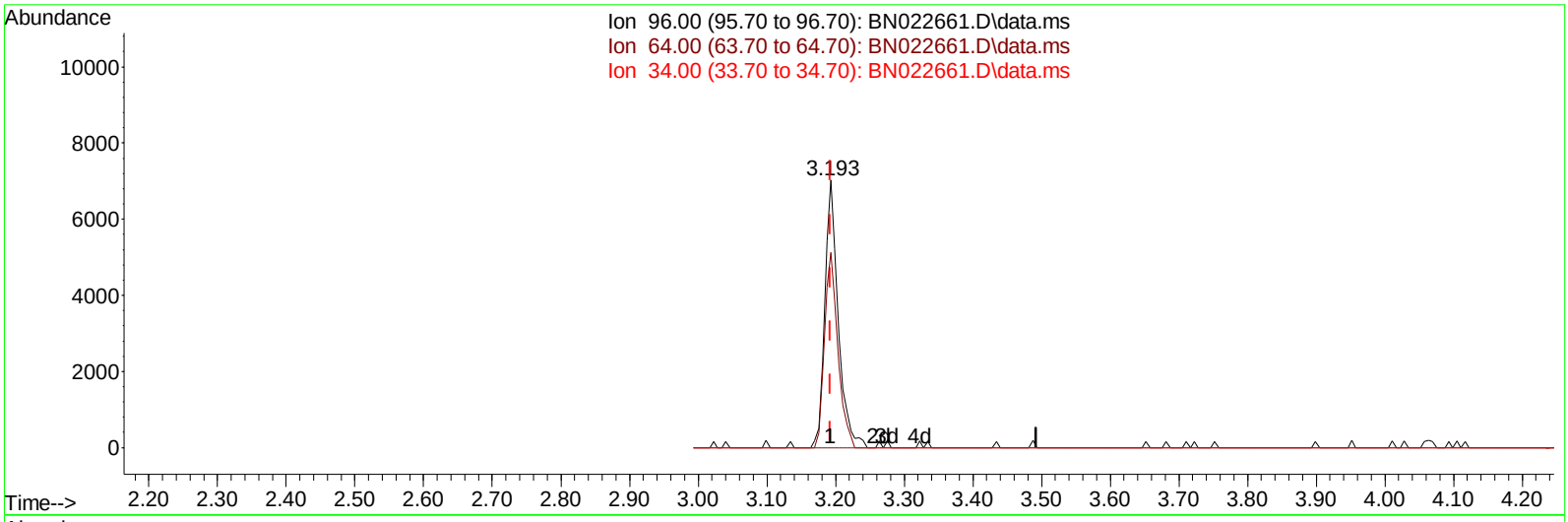

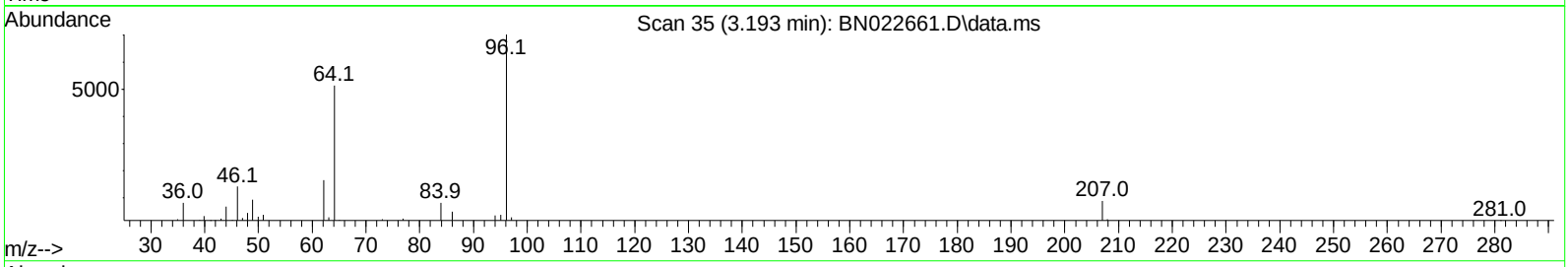

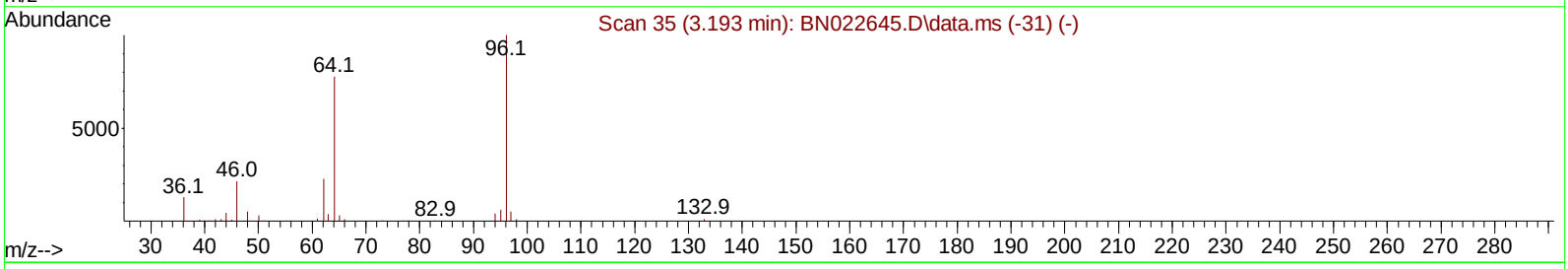

TIC: BN022661.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.193min (+ 0.000) 4.35 ng/uL m

response 9574

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.50	73.09
34.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/16/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	75198	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	333729	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	211564	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	427634	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	385742	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	355680	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	9574m	4.347	ng/uL	0.00
4) Pyridine-d5	3.634	84	40800	6.550	ng/ul	0.00
7) Phenol-d5	7.052	99	60379	8.501	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	131116	30.790	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	132451	25.465	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	101753	18.148	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	85707	33.179	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	92079	31.946	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	151050	30.740	ng/ul	0.00
31) 4-Chloroaniline-d4	10.852	131	160722	21.473	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	574390	37.326	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	585467	34.530	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	31491	10.265	ng/ul	0.00
60) Fluorene-d10	15.557	176	460829	36.513	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	102759	37.805	ng/ul	0.00
73) Anthracene-d10	17.422	188	745593	39.818	ng/ul	0.00
81) Pyrene-d10	19.728	212	811898	40.614	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	713174	39.888	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	12176m	5.195	ng/uL	
5) Pyridine	3.658	79	45928	7.437	ng/ul	96
6) Benzaldehyde	7.011	77	146398	40.742	ng/ul	99
8) Phenol	7.081	94	67973	9.189	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.305	93	178304	30.934	ng/ul	99
12) 2-Chlorophenol	7.440	128	143821	25.896	ng/ul	99
13) 2-Methylphenol	8.340	108	113252	20.569	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	240772	31.645	ng/ul	99
16) Acetophenone	8.716	105	289113	32.306	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.705	70	154654	32.425	ng/ul	99
18) 4-Methylphenol	8.675	108	111637	18.673	ng/ul	96
19) Hexachloroethane	8.957	117	74098	31.512	ng/ul	97
22) Nitrobenzene	9.105	77	231026	33.010	ng/ul	97
23) Isophorone	9.634	82	447357	33.417	ng/ul	99
25) 2-Nitrophenol	9.816	139	102402	32.315	ng/ul	97
26) 2,4-Dimethylphenol	9.887	107	187561	27.593	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.116	93	251097	32.526	ng/ul	99
29) 2,4-Dichlorophenol	10.357	162	155690	31.173	ng/ul	97
30) Naphthalene	10.752	128	587102	33.144	ng/ul	99
32) 4-Chloroaniline	10.875	127	203075	25.980	ng/ul	98
33) Hexachlorobutadiene	11.028	225	101230	32.930	ng/ul	96
34) Caprolactam	11.681	113	10935	5.771	ng/ul	94
35) 4-Chloro-3-methylphenol	12.016	107	200106	30.721	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	12.375	142	401057	33.236	ng/ul	97
37) 1-Methylnaphthalene	12.593	142	404510	33.440	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.746	216	193137	34.011	ng/ul	98
40) Hexachlorocyclopentadiene	12.716	237	91968	27.739	ng/ul	98
41) 2,4,6-Trichlorophenol	12.993	196	139337	34.559	ng/ul	96
42) 2,4,5-Trichlorophenol	13.069	196	155732	36.475	ng/ul	98
43) 1,1'-Biphenyl	13.393	154	536309	34.536	ng/ul	100
44) 2-Chloronaphthalene	13.434	162	417524	34.504	ng/ul	96
45) 2-Nitroaniline	13.657	65	172182	39.181	ng/ul	98
47) Dimethylphthalate	14.028	163	612267	37.855	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	131925	40.295	ng/ul	99
50) Acenaphthylene	14.287	152	658635	34.772	ng/ul	99
51) 3-Nitroaniline	14.487	138	126850	35.983	ng/ul	98
52) Acenaphthene	14.628	153	470782	35.031	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	80884	35.350	ng/ul	95
55) 4-Nitrophenol	14.810	109	31893	10.488	ng/ul	99
56) Dibenzofuran	14.963	168	633947	35.702	ng/ul	98
57) 2,4-Dinitrotoluene	14.945	165	198616	41.658	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.192	232	136416	37.306	ng/ul	98
59) Diethylphthalate	15.392	149	675671	39.414	ng/ul	99
61) Fluorene	15.616	166	549029	37.025	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.610	204	257903	36.897	ng/ul	98
63) 4-Nitroaniline	15.657	138	136588	43.447	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.710	198	108273	38.537	ng/ul	97
67) N-Nitrosodiphenylamine	15.828	169	496211	38.756	ng/ul	96
68) 4-Bromophenyl-phenylether	16.504	248	163698	38.873	ng/ul	97
69) Hexachlorobenzene	16.622	284	195720	39.760	ng/ul	92
70) Atrazine	16.792	200	185040	40.545	ng/ul	93
71) Pentachlorophenol	16.969	266	117308	37.507	ng/ul	99
72) Phenanthrene	17.363	178	913903	39.650	ng/ul	98
74) Anthracene	17.457	178	929948	39.832	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.357	216	191709	33.995	ng/uL	98
76) Pentachlorobenzene	14.881	250	199349	32.754	ng/uL	99
77) Carbazole	17.733	167	882353	40.675	ng/ul	98
78) Di-n-butylphthalate	18.292	149	1193820	38.669	ng/ul	99
80) Fluoranthene	19.392	202	1033321	41.416	ng/ul	98
82) Pyrene	19.757	202	1063236	41.601	ng/ul	99
83) Butylbenzylphthalate	20.657	149	537688	41.330	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.451	252	283593	33.320	ng/ul	95
85) Benzo(a)anthracene	21.516	228	986117	38.712	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.433	149	800854	41.708	ng/ul	99
87) Chrysene	21.569	228	935768	38.792	ng/ul	97
89) Di-n-octyl phthalate	22.369	149	1341822	42.895	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	943043	39.124	ng/ul	95
91) Benzo(k)fluoranthene	23.269	252	937995	40.996	ng/ul	96
93) Benzo(a)pyrene	23.857	252	809387	39.615	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.509	276	870324	37.456	ng/ul	98
95) Dibenzo(a,h)anthracene	26.533	278	796800	38.260	ng/ul	99
96) Benzo(g,h,i)perylene	27.298	276	751188	37.078	ng/ul	97

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

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