Quantitation Report (Qedit)

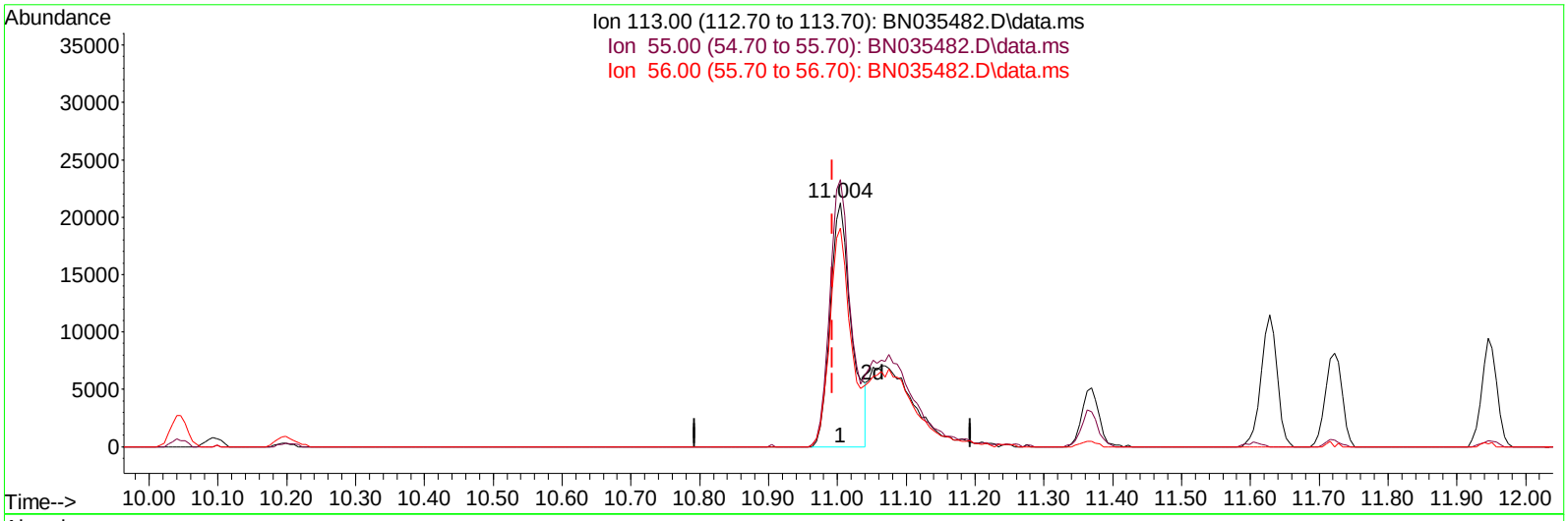
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035482.D
Acq On : 07 Dec 2024 04:51
Operator : RC/JU
Sample : PB165417BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

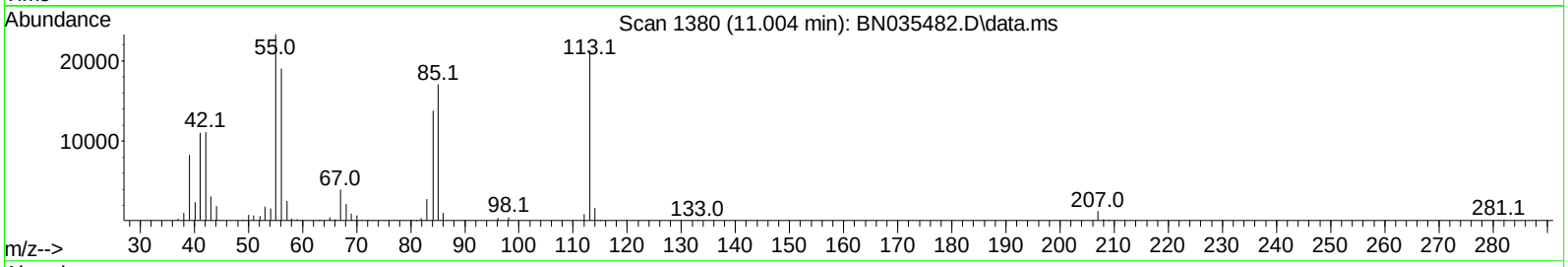
Quant Time: Dec 07 05:19:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

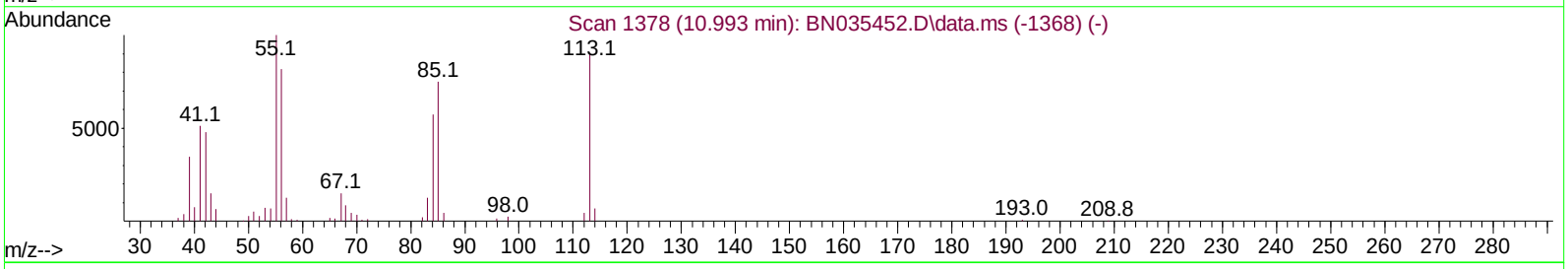
Instrument :
BNA_N
ClientSampleId :
SLCS417

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/09/2024
Supervised By :mohammad ahmed 12/13/2024







TIC: BN035482.D\data.ms

(34) Caprolactam

11.004min (+ 0.012) 18.42 ng/ul

response 45544

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	109.45
56.00	86.70	89.57
0.00	0.00	0.00

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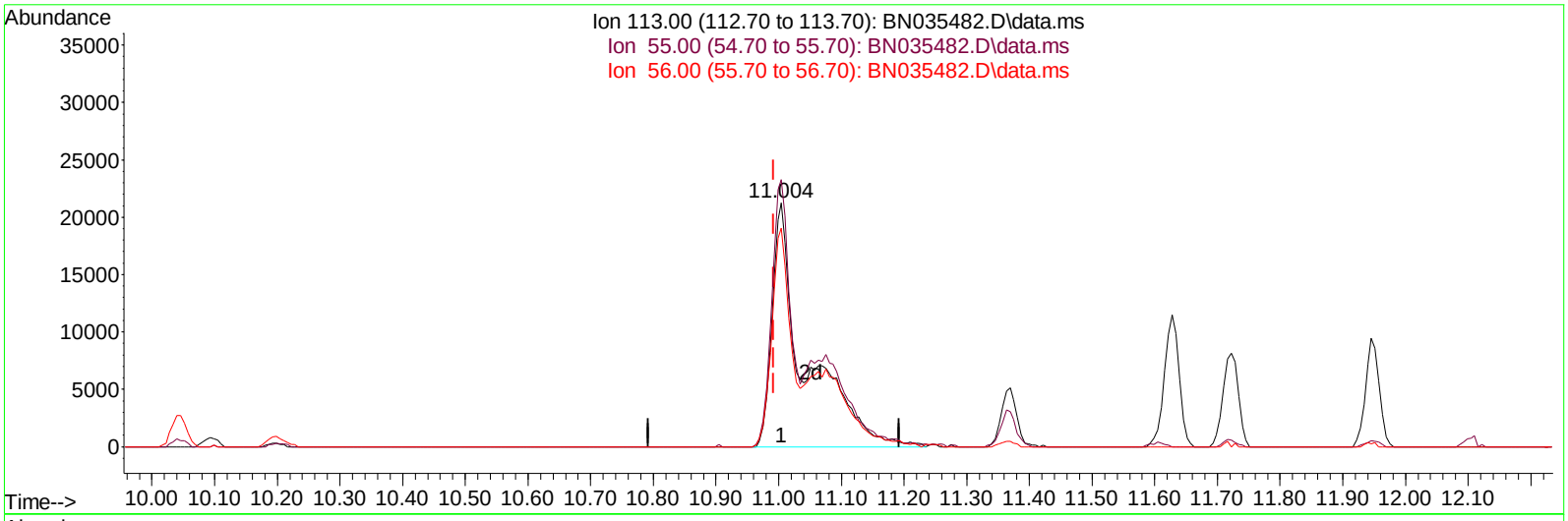

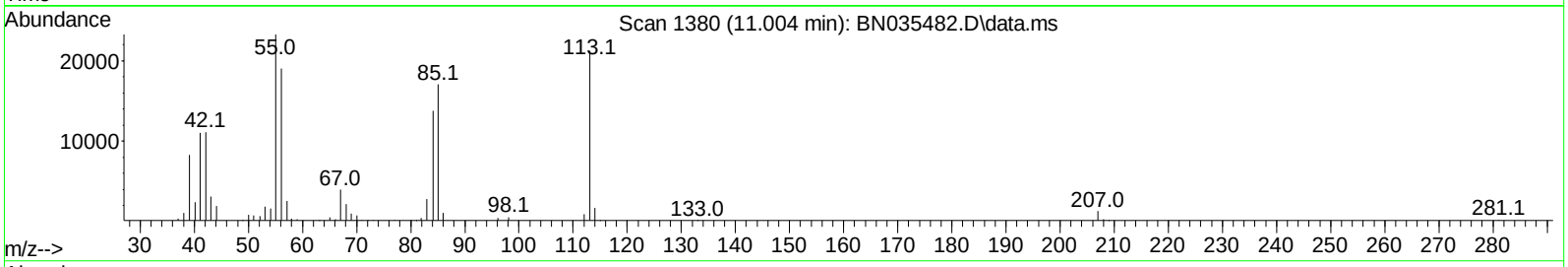

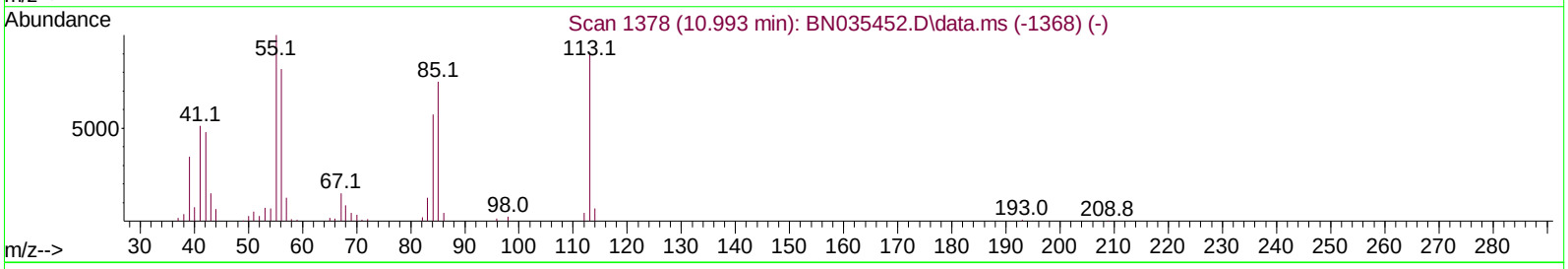

TIC: BN035482.D\data.ms

(34) Caprolactam

11.004min (+ 0.012) 31.54 ng/ul m

response 78002

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	109.45
56.00	86.70	89.57
0.00	0.00	0.00

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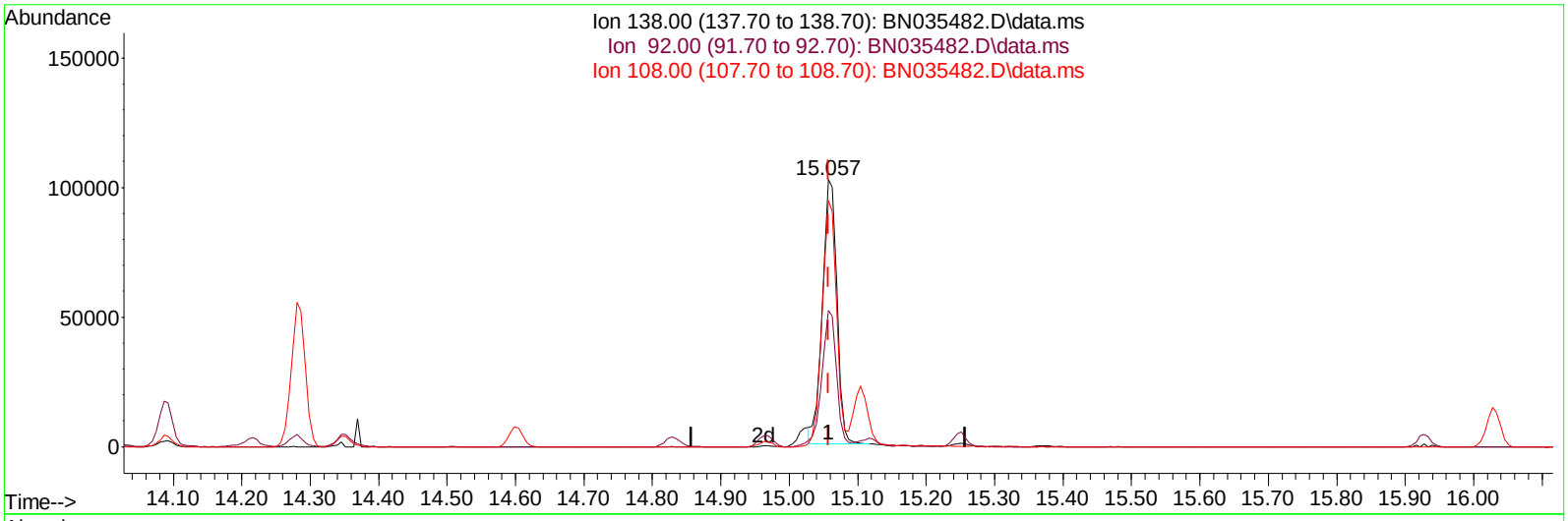

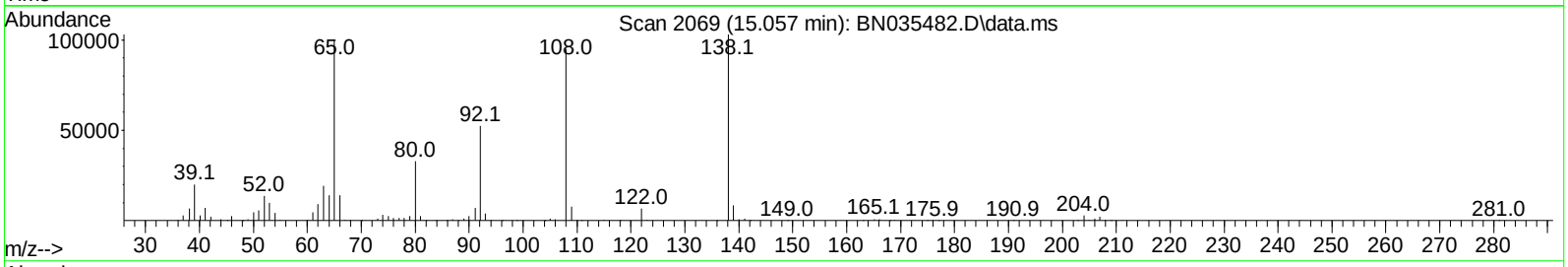

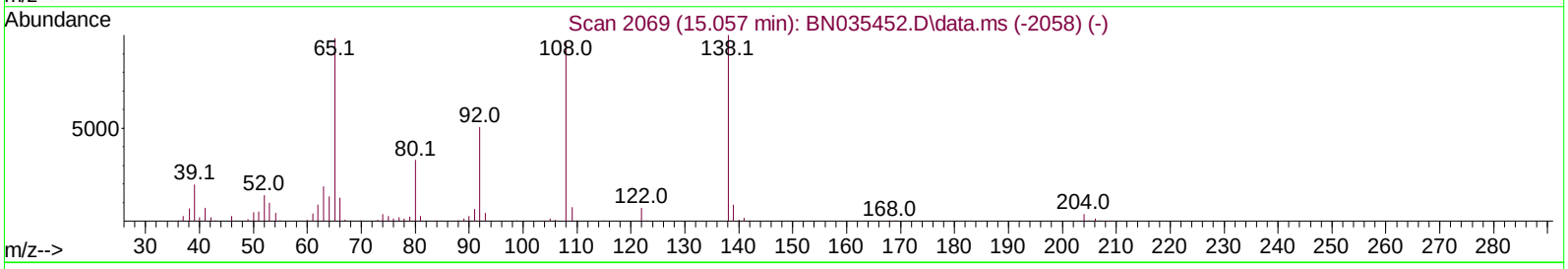

TIC: BN035482.D\data.ms

(63) 4-Nitroaniline

15.057min (-0.000) 31.13 ng/ul

response 150340

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	51.04
108.00	94.00	92.36
0.00	0.00	0.00

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Misc :
ALS Vial : 63 Sample Multiplier: 1

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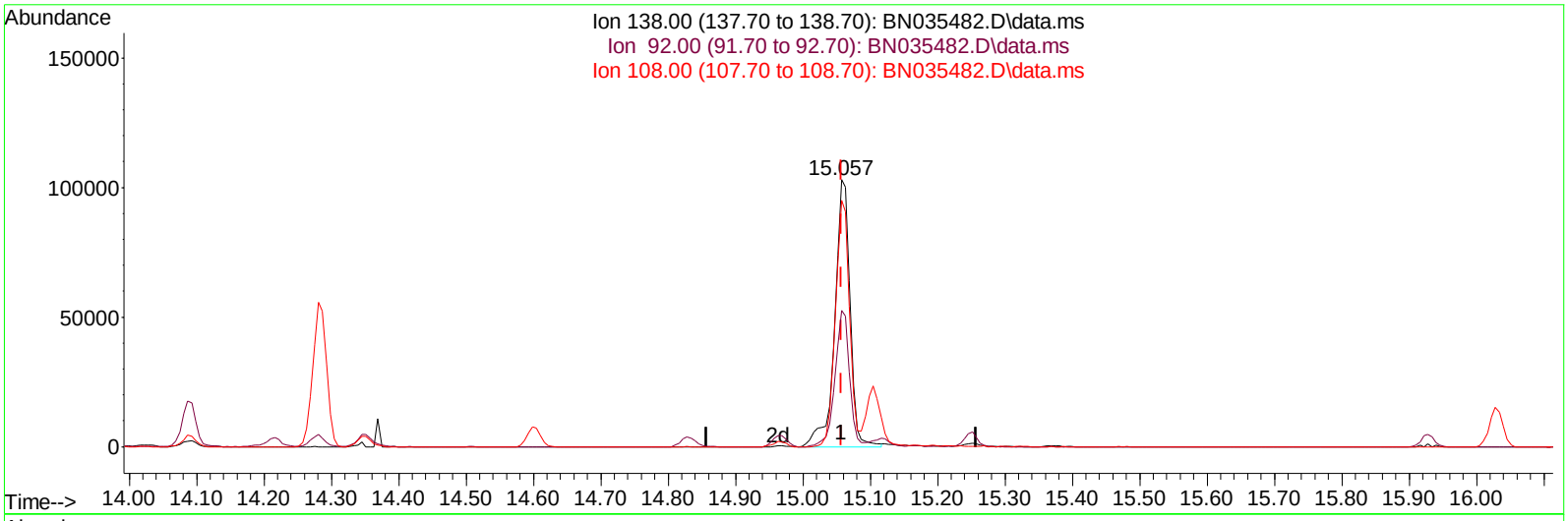

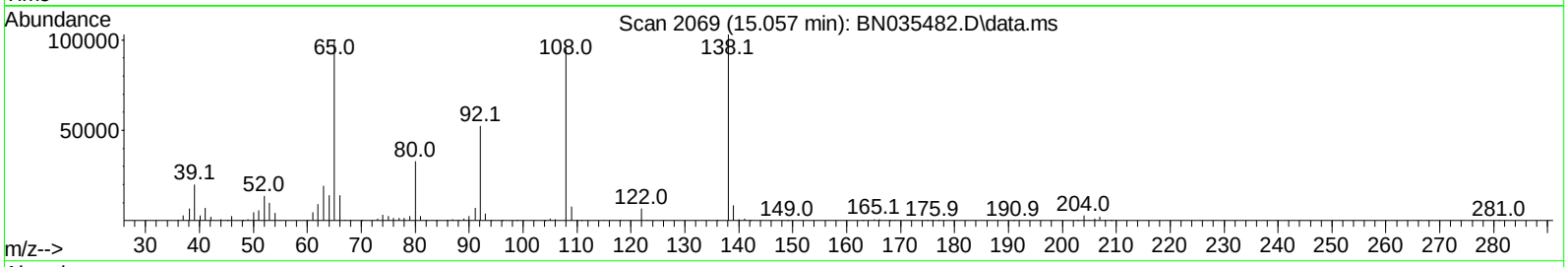

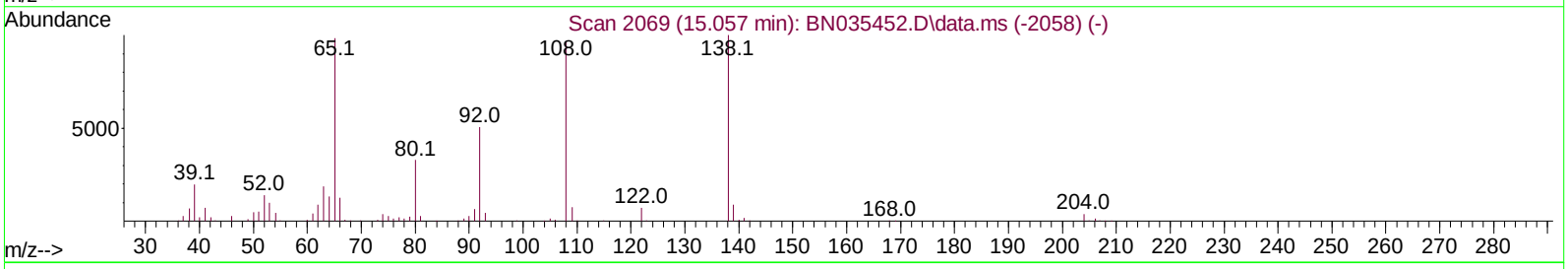

TIC: BN035482.D\data.ms

(63) 4-Nitroaniline

15.057min (-0.000) 34.09 ng/ul m

response 164637

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	51.04
108.00	94.00	92.36
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/09/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	118354	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.046	136	514601	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.957	164	401543	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.722	188	905087	20.000	ng/ul	0.00
79) Chrysene-d12	20.980	240	813291	20.000	ng/ul	0.00
88) Perylene-d12	23.651	264	917049	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	13053	5.211	ng/uL	0.00
4) Pyridine-d5	3.340	84	195451	29.603	ng/ul	0.00
7) Phenol-d5	6.505	99	282597	33.517	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	135689	28.858	ng/ul	0.00
11) 2-Chlorophenol-d4	6.840	132	235676	32.986	ng/ul	0.00
15) 4-Methylphenol-d8	8.016	113	238614	32.474	ng/ul	0.00
21) Nitrobenzene-d5	8.434	128	105061	31.424	ng/ul	0.00
24) 2-Nitrophenol-d4	9.146	143	125641	32.467	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	272312	32.196	ng/ul	0.00
31) 4-Chloroaniline-d4	10.199	131	197670	18.928	ng/ul	0.00
46) Dimethylphthalate-d6	13.387	166	835176	28.967	ng/ul	0.00
49) Acenaphthylene-d8	13.646	160	891387	28.073	ng/ul	0.00
54) 4-Nitrophenol-d4	14.198	143	150062	31.607	ng/ul	0.00
60) Fluorene-d10	14.969	176	714536	28.697	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	153724	32.205	ng/ul	0.00
73) Anthracene-d10	16.822	188	1115029	27.932	ng/ul	0.00
81) Pyrene-d10	19.145	212	1249672	29.093	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	1291278	29.078	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.987	88	28292	10.074	ng/uL#	97
5) Pyridine	3.358	79	184711	27.899	ng/ul	98
6) Benzaldehyde	6.458	77	22410	4.928	ng/ul	97
8) Phenol	6.528	94	291581	33.391	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.746	93	197345	28.867	ng/ul	99
12) 2-Chlorophenol	6.869	128	237923	31.998	ng/ul	98
13) 2-Methylphenol	7.752	108	220461	32.515	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	7.822	45	155717	28.819	ng/ul	99
16) Acetophenone	8.111	105	334028	28.785	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.111	70	160407	29.076	ng/ul	99
18) 4-Methylphenol	8.081	108	247041	32.791	ng/ul	97
19) Hexachloroethane	8.346	117	86407	27.200	ng/ul	96
22) Nitrobenzene	8.475	77	249848	29.752	ng/ul	98
23) Isophorone	9.005	82	479253	28.479	ng/ul	99
25) 2-Nitrophenol	9.175	139	137523	31.367	ng/ul	98
26) 2,4-Dimethylphenol	9.257	107	265823	30.248	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.493	93	286403	27.938	ng/ul	98
29) 2,4-Dichlorophenol	9.710	162	269646	31.508	ng/ul	96
30) Naphthalene	10.093	128	715621	27.363	ng/ul	99
32) 4-Chloroaniline	10.222	127	95977	9.594	ng/ul	99
33) Hexachlorobutadiene	10.387	225	160593	26.589	ng/ul	98
34) Caprolactam	11.004	113	78002m	31.545	ng/ul	
35) 4-Chloro-3-methylphenol	11.369	107	276899	31.061	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.722	142	541336	27.797	ng/ul	98
37) 1-Methylnaphthalene	11.946	142	540326	27.064	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.104	216	322751	27.274	ng/ul	98
40) Hexachlorocyclopentadiene	12.087	237	156101	26.258	ng/ul	96
41) 2,4,6-Trichlorophenol	12.363	196	227896	29.698	ng/ul	95
42) 2,4,5-Trichlorophenol	12.440	196	256715	30.025	ng/ul	99
43) 1,1'-Biphenyl	12.775	154	762985	27.532	ng/ul	96
44) 2-Chloronaphthalene	12.810	162	597093	26.937	ng/ul	96
45) 2-Nitroaniline	13.034	65	151195	34.705	ng/ul	91
47) Dimethylphthalate	13.440	163	825114	28.606	ng/ul	98
48) 2,6-Dinitrotoluene	13.551	165	166938	34.724	ng/ul	97
50) Acenaphthylene	13.675	152	912447	27.036	ng/ul	100
51) 3-Nitroaniline	13.881	138	108514	21.794	ng/ul	98
52) Acenaphthene	14.022	153	663269	27.305	ng/ul	94
53) 2,4-Dinitrophenol	14.087	184	108121	32.198	ng/ul	96
55) 4-Nitrophenol	14.216	109	138754	30.943	ng/ul	98
56) Dibenzofuran	14.363	168	947956	27.446	ng/ul	99
57) 2,4-Dinitrotoluene	14.351	165	250868	32.884	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.604	232	206751	27.758	ng/ul	99
59) Diethylphthalate	14.828	149	832573	29.534	ng/ul	99
61) Fluorene	15.022	166	770315	27.686	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.034	204	393637	27.689	ng/ul	100
63) 4-Nitroaniline	15.057	138	164637m	34.095	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.122	198	165140	31.931	ng/ul#	98
67) N-Nitrosodiphenylamine	15.251	169	684608	28.472	ng/ul	99
68) 4-Bromophenyl-phenylether	15.928	248	261086	28.524	ng/ul	97
69) Hexachlorobenzene	16.034	284	314559	28.951	ng/ul	99
70) Atrazine	16.234	200	1660	0.193	ng/ul	93
71) Pentachlorophenol	16.381	266	203949	29.566	ng/ul	92
72) Phenanthrene	16.769	178	1283562	27.544	ng/ul	98
74) Anthracene	16.857	178	1283535	27.280	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.728	216	315022	26.251	ng/uL	99
76) Pentachlorobenzene	14.287	250	338356	27.389	ng/uL	99
77) Carbazole	17.139	167	1152343	29.433	ng/ul	99
78) Di-n-butylphthalate	17.734	149	1339078	29.382	ng/ul	100
80) Fluoranthene	18.810	202	1487202	29.500	ng/ul	99
82) Pyrene	19.175	202	1554426	28.751	ng/ul	99
83) Butylbenzylphthalate	20.128	149	530248	34.797	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.910	252	103903	7.166	ng/ul	98
85) Benzo(a)anthracene	20.963	228	1485750	27.212	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.939	149	803559	33.444	ng/ul	100
87) Chrysene	21.022	228	1458576	27.726	ng/ul	99
89) Di-n-octyl phthalate	21.963	149	1437540	34.485	ng/ul	100
90) Benzo(b)fluoranthene	22.821	252	1507605	28.521	ng/ul	99
91) Benzo(k)fluoranthene	22.874	252	1546128	28.564	ng/ul	99
93) Benzo(a)pyrene	23.527	252	1406937	28.360	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.598	276	1615261	27.295	ng/ul	99
95) Dibenzo(a,h)anthracene	26.651	278	1310824	27.339	ng/ul	99
96) Benzo(g,h,i)perylene	27.509	276	1204406	26.815	ng/ul	99

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

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