Quantitation Report (Qedit)

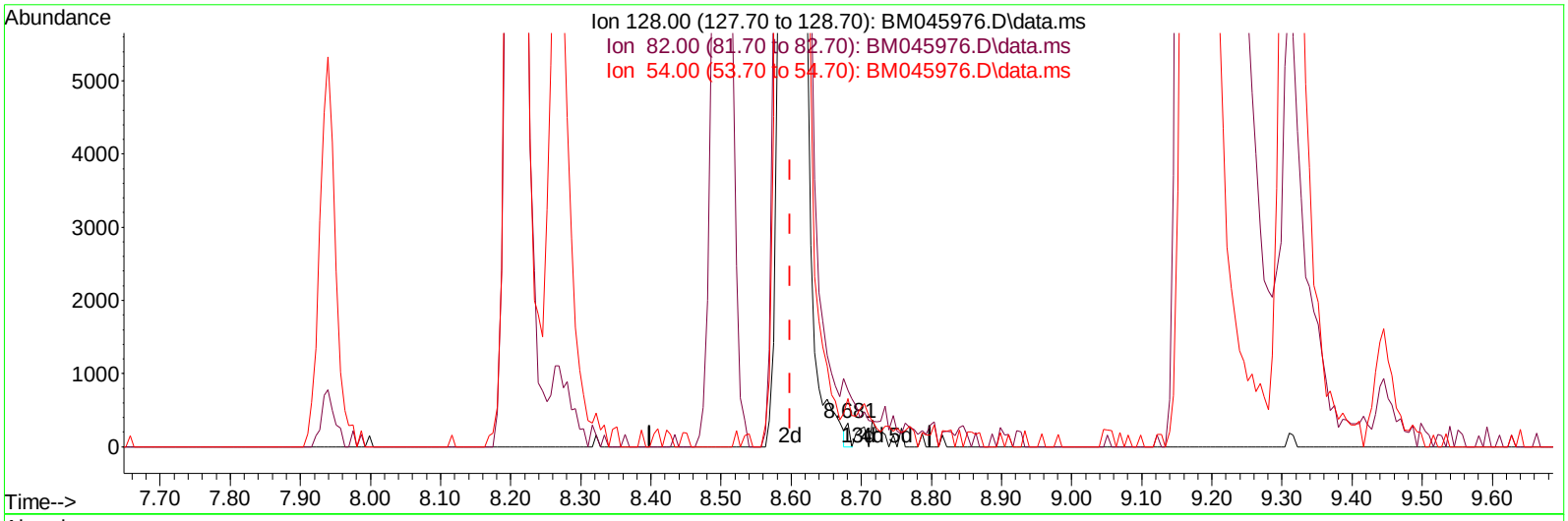
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
Data File : BM045976.D
Acq On : 11 Jun 2024 15:04
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

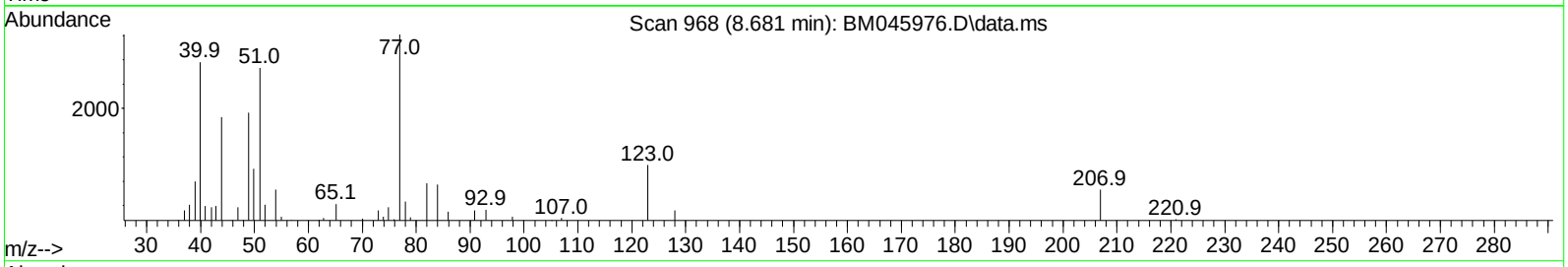
Quant Time: Jun 11 16:00:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

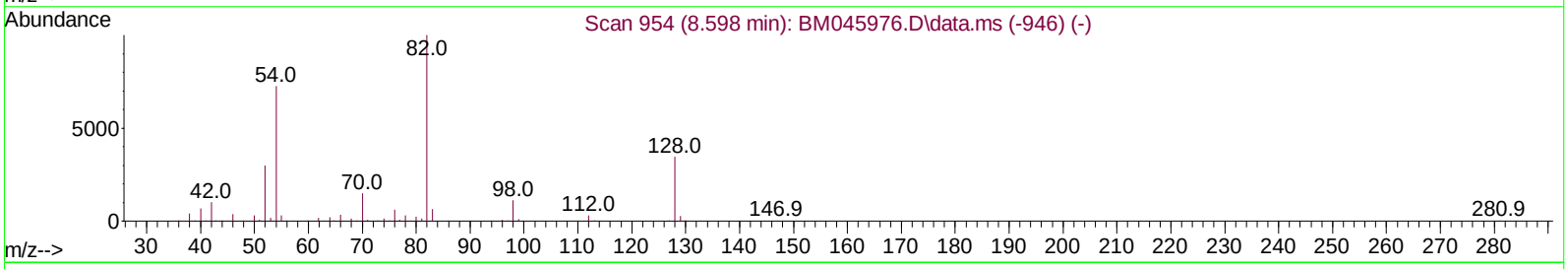
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045976.D\data.ms

(21) Nitrobenzene-d5 (S)

8.681min (+ 0.082) 0.03 ng/ul

response 114

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	264.80	237.77
54.00	169.60	203.41
0.00	0.00	0.00

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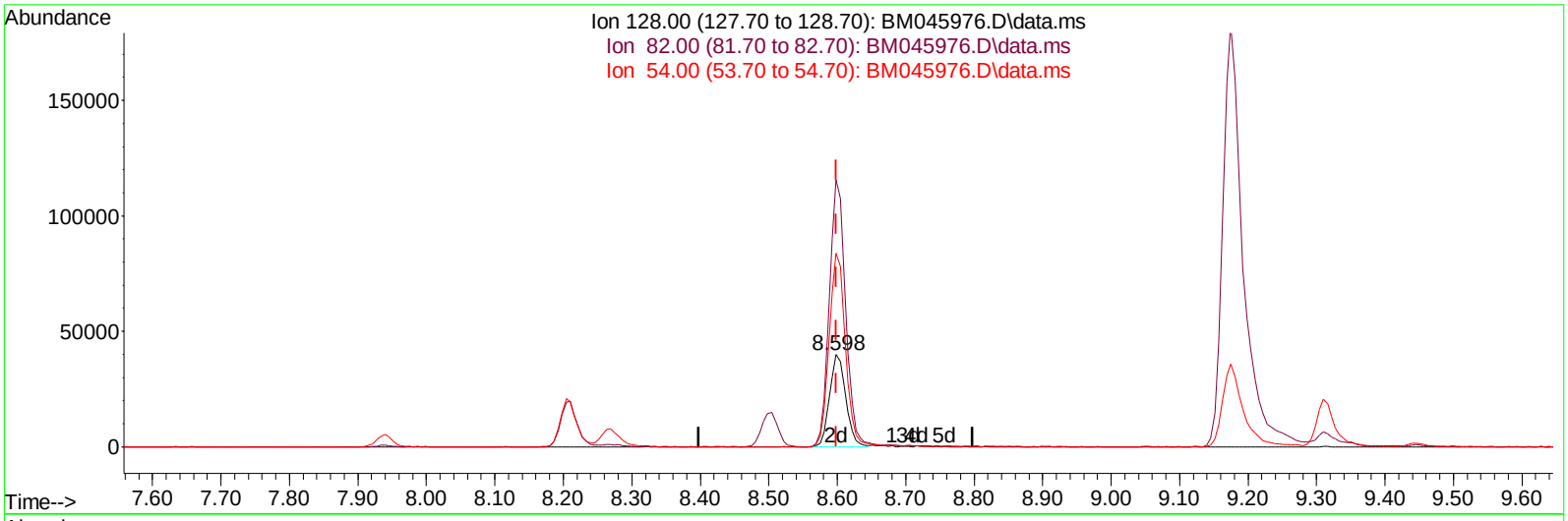

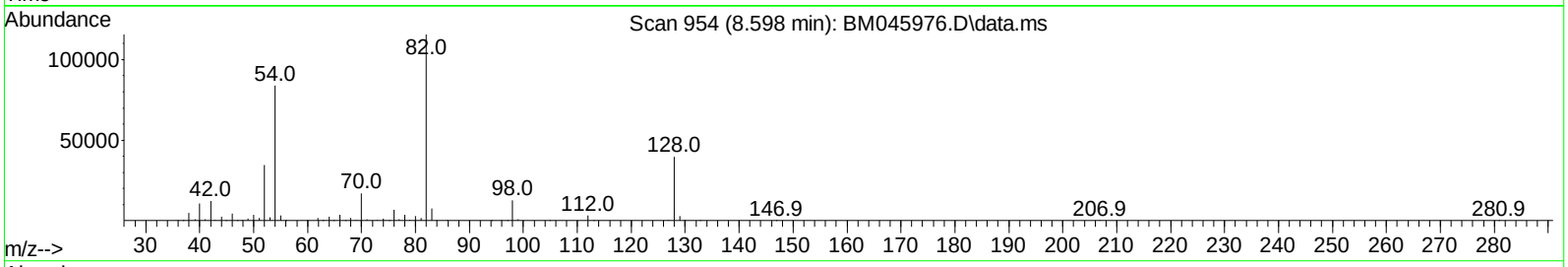

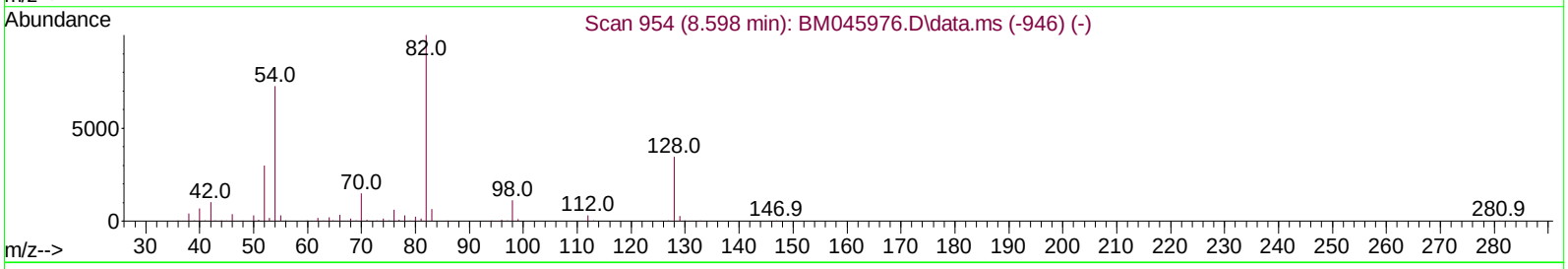

TIC: BM045976.D\data.ms

(21) Nitrobenzene-d5 (S)

8.598min (0.000) 18.58 ng/ul m

response 65288

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	264.80	290.22
54.00	169.60	210.40#
0.00	0.00	0.00

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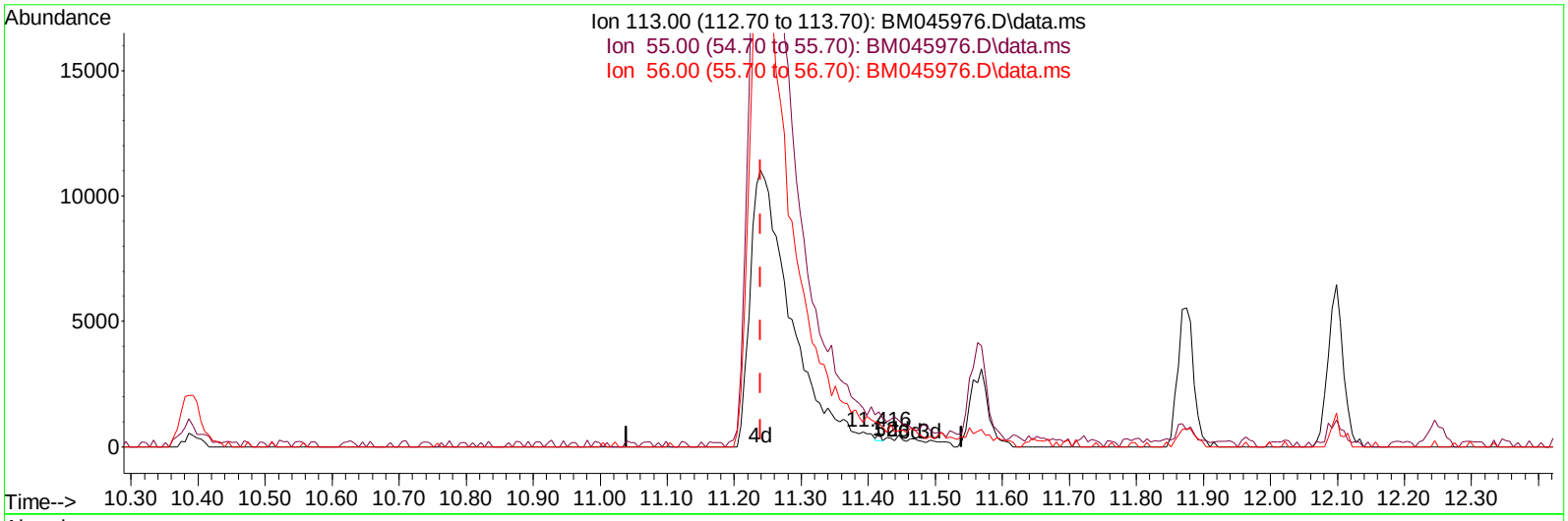

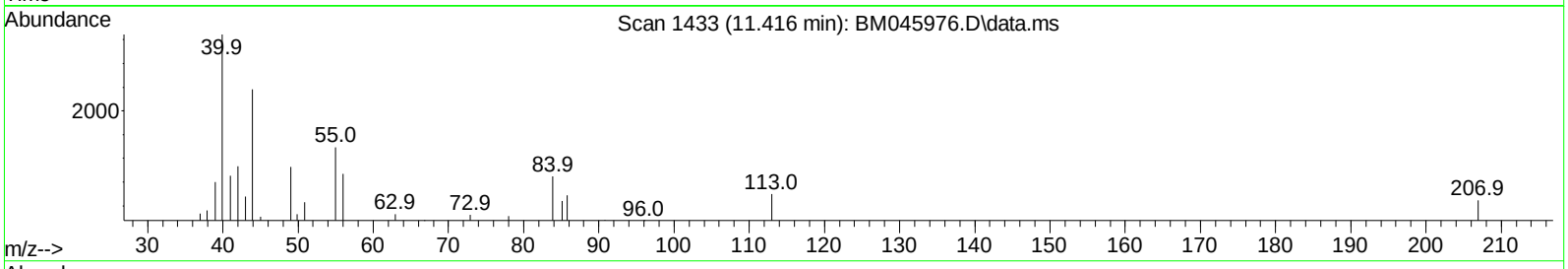

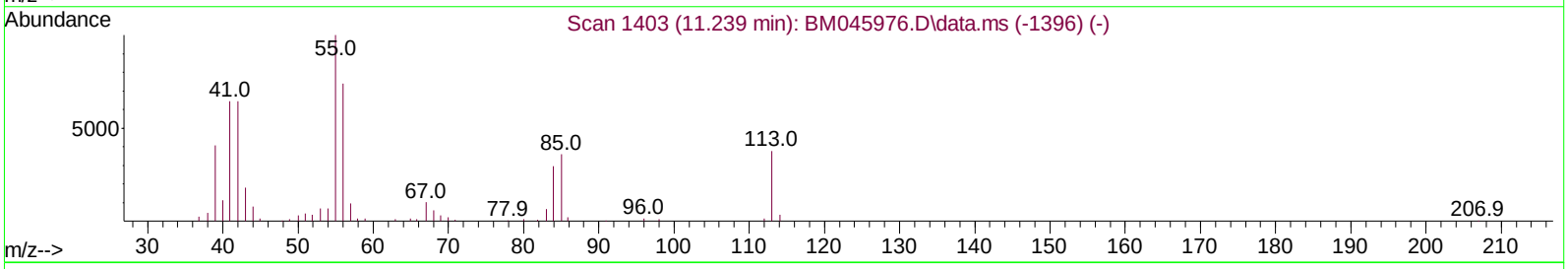

TIC: BM045976.D\data.ms

(34) Caprolactam

11.416min (+ 0.176) 0.07 ng/ul

response 124

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	232.33
56.00	162.60	157.29
0.00	0.00	0.00

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LabSampleId :
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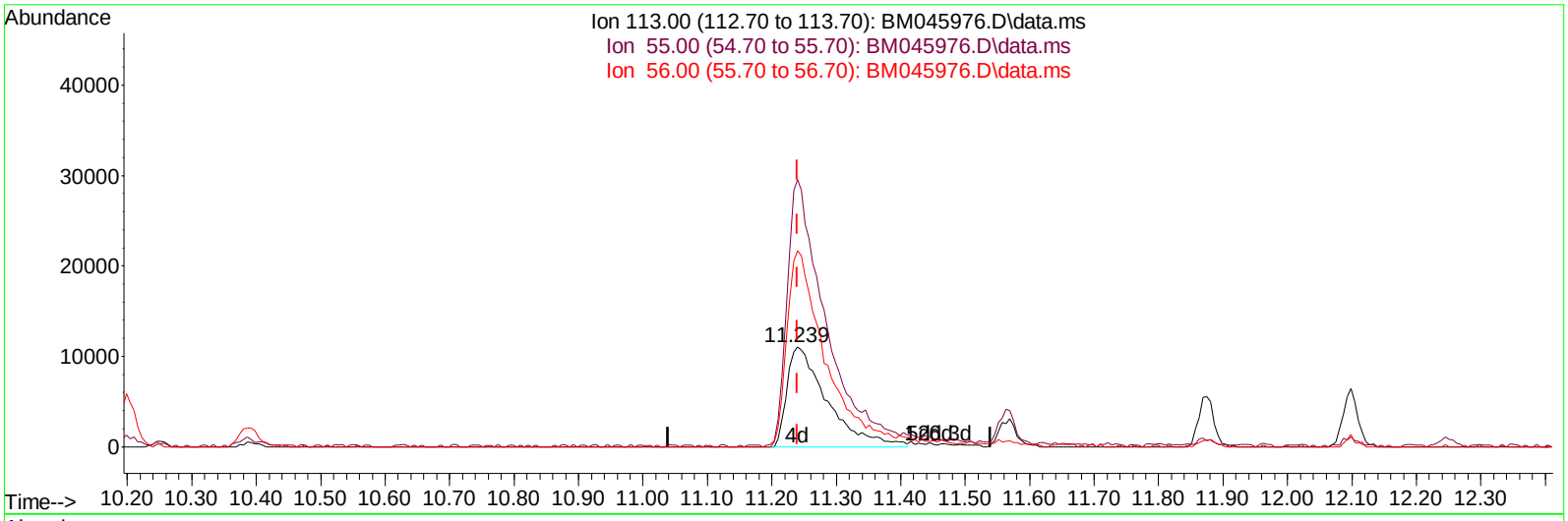

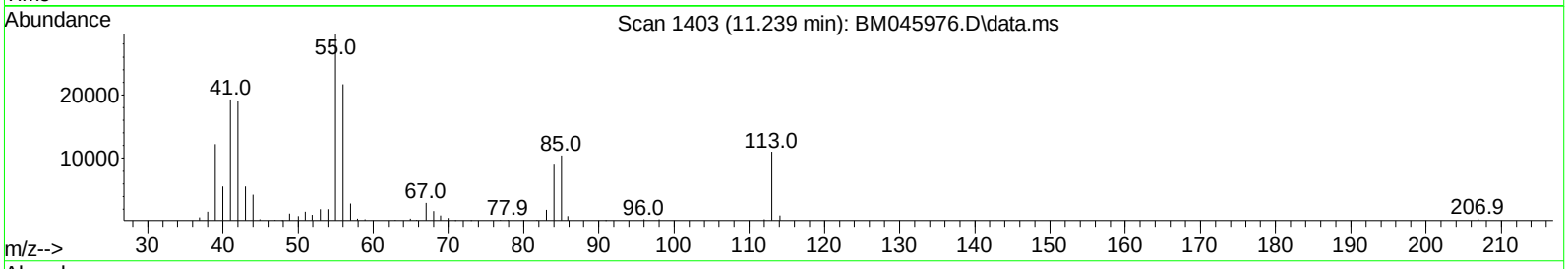

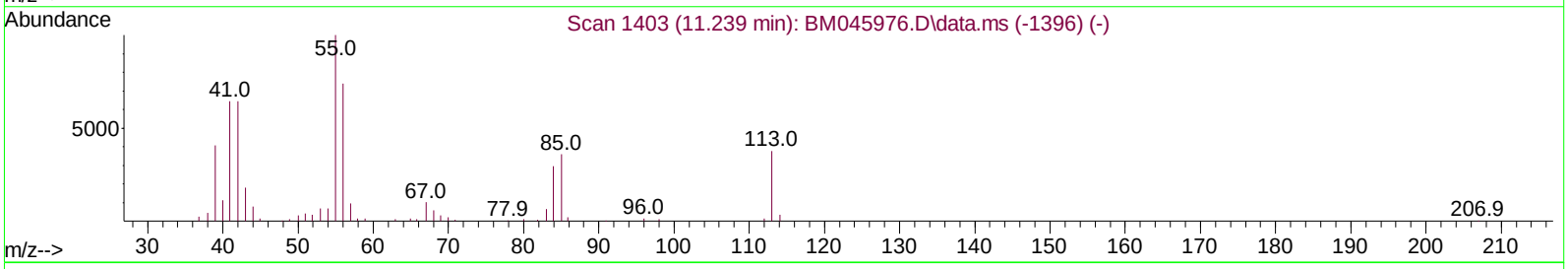

TIC: BM045976.D\data.ms

(34) Caprolactam

11.239min (0.000) 25.22 ng/ul m

response 47203

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	267.85
56.00	162.60	196.52#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.440	152	100378	20.000	ng/ul	0.00
20) Naphthalene-d8	10.204	136	449454	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164	316720	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188	695584	20.000	ng/ul	0.00
79) Chrysene-d12	21.045	240	768951	20.000	ng/ul	0.00
88) Perylene-d12	23.750	264	898644	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	18597	7.183	ng/uL	0.00
4) Pyridine-d5	3.452	84	131555	19.734	ng/ul	0.00
7) Phenol-d5	6.693	99	169796	19.912	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	124431	20.321	ng/ul	0.00
11) 2-Chlorophenol-d4	6.998	132	125277	19.668	ng/ul	0.00
15) 4-Methylphenol-d8	8.210	113	133676	20.749	ng/ul	0.00
21) Nitrobenzene-d5	8.598	128	65288m	18.579	ng/ul	0.00
24) 2-Nitrophenol-d4	9.310	143	69188	19.454	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	134064	20.101	ng/ul	0.00
31) 4-Chloroaniline-d4	10.386	131	193316	20.943	ng/ul	0.00
46) Dimethylphthalate-d6	13.533	166	444664	20.280	ng/ul	0.00
49) Acenaphthylene-d8	13.774	160	496458	19.498	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	105228	22.237	ng/ul	0.00
60) Fluorene-d10	15.080	176	384562	20.559	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.221	200	71299	20.073	ng/ul	0.00
73) Anthracene-d10	16.927	188	609786	20.166	ng/ul	0.00
81) Pyrene-d10	19.227	212	761384	15.922	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.562	264	831501	19.798	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.069	88	20981	7.322	ng/uL#	78
5) Pyridine	3.469	79	132469	19.349	ng/ul	91
6) Benzaldehyde	6.616	77	87909	21.918	ng/ul	94
8) Phenol	6.722	94	177763	20.101	ng/ul	88
10) Bis(2-Chloroethyl)ether	6.898	93	147306	19.956	ng/ul	96
12) 2-Chlorophenol	7.034	128	132445	19.737	ng/ul	99
13) 2-Methylphenol	7.940	108	131274	20.271	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	7.981	45	333231	22.920	ng/ul	99
16) Acetophenone	8.275	105	237037	22.077	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.269	70	141406	23.833	ng/ul	88
18) 4-Methylphenol	8.269	108	145585	21.726	ng/ul	100
19) Hexachloroethane	8.504	117	62033	19.247	ng/ul	95
22) Nitrobenzene	8.640	77	205276	20.872	ng/ul	96
23) Isophorone	9.175	82	379063	21.813	ng/ul	99
25) 2-Nitrophenol	9.339	139	76978	19.800	ng/ul	92
26) 2,4-Dimethylphenol	9.445	107	163898	20.780	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.657	93	204381	19.372	ng/ul	100
29) 2,4-Dichlorophenol	9.886	162	134285	20.209	ng/ul	99
30) Naphthalene	10.251	128	472132	19.699	ng/ul	99
32) 4-Chloroaniline	10.410	127	188903	20.936	ng/ul	97
33) Hexachlorobutadiene	10.545	225	85596	18.804	ng/ul	100
34) Caprolactam	11.239	113	47203m	25.222	ng/ul	
35) 4-Chloro-3-methylphenol	11.563	107	159885	22.179	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	11.875	142	318253	20.050	ng/ul	99
37) 1-Methylnaphthalene	12.098	142	324323	20.437	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.251	216	167253	17.632	ng/ul	99
40) Hexachlorocyclopentadiene	12.233	237	90671	15.750	ng/ul	94
41) 2,4,6-Trichlorophenol	12.522	196	108065	19.582	ng/ul	96
42) 2,4,5-Trichlorophenol	12.604	196	118028	19.708	ng/ul	97
43) 1,1'-Biphenyl	12.916	154	429091	18.260	ng/ul	98
44) 2-Chloronaphthalene	12.945	162	338185	18.366	ng/ul	99
45) 2-Nitroaniline	13.192	65	142461	22.656	ng/ul	93
47) Dimethylphthalate	13.580	163	457637	20.555	ng/ul	99
48) 2,6-Dinitrotoluene	13.686	165	88439	20.648	ng/ul	92
50) Acenaphthylene	13.798	152	583085	19.787	ng/ul	99
51) 3-Nitroaniline	14.033	138	86702	22.045	ng/ul	96
52) Acenaphthene	14.145	153	389163	19.790	ng/ul	99
53) 2,4-Dinitrophenol	14.227	184	39908	20.464	ng/ul#	86
55) 4-Nitrophenol	14.392	109	99739	25.547	ng/ul	95
56) Dibenzofuran	14.486	168	537542	20.270	ng/ul	100
57) 2,4-Dinitrotoluene	14.480	165	136522	23.039	ng/ul#	70
58) 2,3,4,6-Tetrachlorophenol	14.739	232	106414	23.517	ng/ul	97
59) Diethylphthalate	14.951	149	481986	21.620	ng/ul	99
61) Fluorene	15.133	166	456962	21.386	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.145	204	218308	20.584	ng/ul	99
63) 4-Nitroaniline	15.210	138	85472	26.172	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.239	198	77542	19.891	ng/ul	91
67) N-Nitrosodiphenylamine	15.363	169	370835	18.813	ng/ul	98
68) 4-Bromophenyl-phenylether	16.033	248	132489	18.269	ng/ul	97
69) Hexachlorobenzene	16.139	284	154647	19.282	ng/ul	94
70) Atrazine	16.339	200	113896	19.062	ng/ul	98
71) Pentachlorophenol	16.504	266	88004	21.626	ng/ul	95
72) Phenanthrene	16.868	178	741661	20.236	ng/ul	100
74) Anthracene	16.963	178	756867	20.674	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.869	216	168325	15.603	ng/uL	98
76) Pentachlorobenzene	14.404	250	173961	17.241	ng/uL	99
77) Carbazole	17.257	167	694027	22.218	ng/ul	99
78) Di-n-butylphthalate	17.821	149	851928	20.739	ng/ul	98
80) Fluoranthene	18.892	202	901730	15.555	ng/ul	99
82) Pyrene	19.256	202	960455	16.125	ng/ul	99
83) Butylbenzylphthalate	20.186	149	409131	16.854	ng/ul	91
84) 3,3'-Dichlorobenzidine	20.980	252	298828	19.674	ng/ul	97
85) Benzo(a)anthracene	21.027	228	1018368	19.180	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.980	149	632871	17.548	ng/ul	98
87) Chrysene	21.086	228	941824	19.175	ng/ul	99
89) Di-n-octyl phthalate	22.003	149	1081135	15.731	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	1026772	18.592	ng/ul	98
91) Benzo(k)fluoranthene	22.956	252	1046939	19.409	ng/ul	99
93) Benzo(a)pyrene	23.621	252	980487	20.204	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.727	276	1115937	21.057	ng/ul	99
95) Dibenzo(a,h)anthracene	26.774	278	926232	22.097	ng/ul	99
96) Benzo(g,h,i)perylene	27.656	276	900042	19.282	ng/ul	99

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

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