Quantitation Report (Qedit)

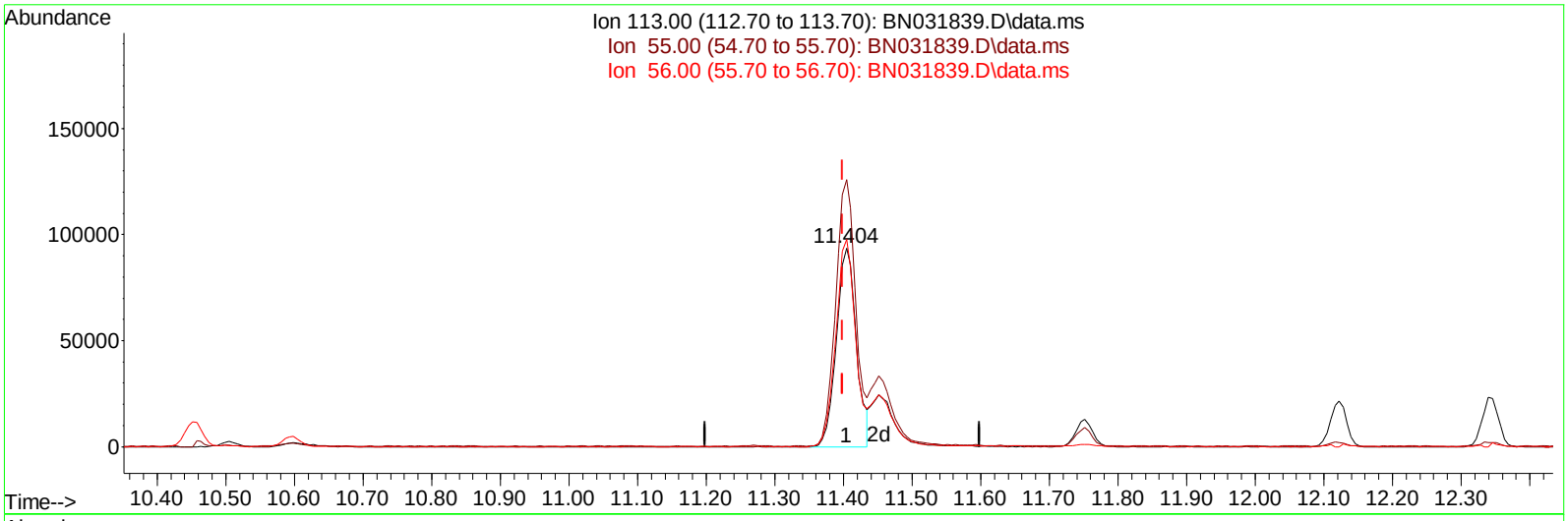
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031839.D
Acq On : 07 Jun 2024 05:05
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 28 Sample Multiplier: 1

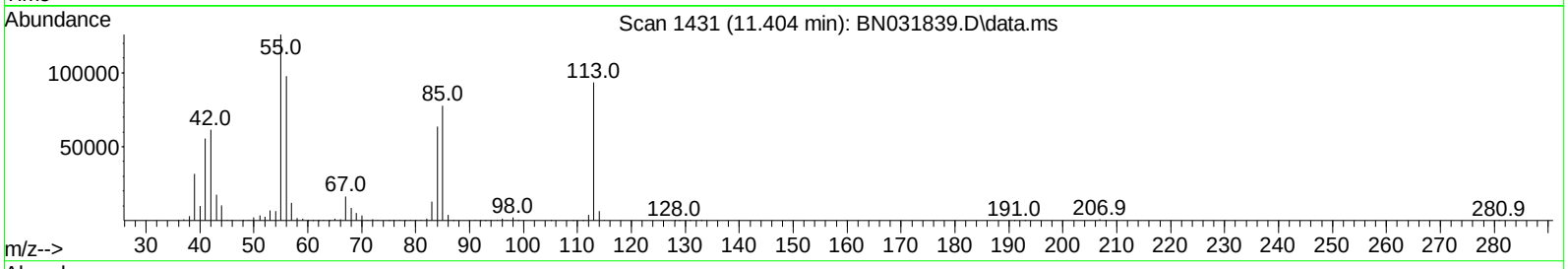
Quant Time: Jun 07 05:34:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

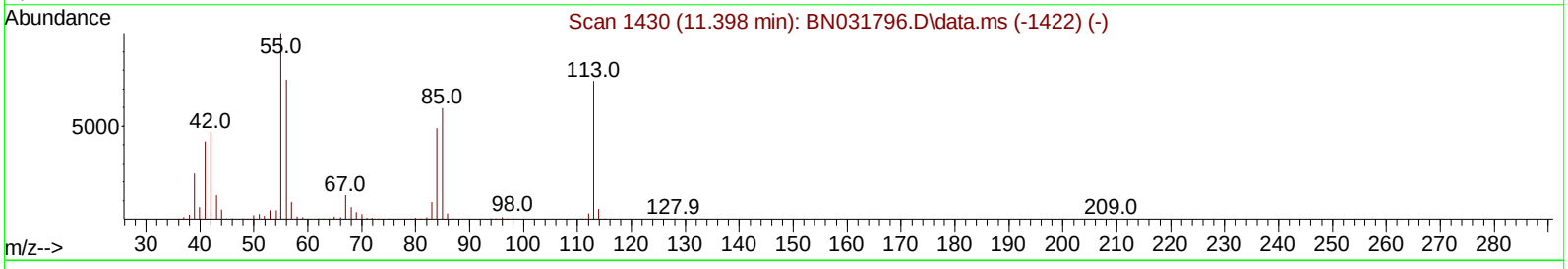
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024







TIC: BN031839.D\data.ms

(34) Caprolactam

11.404min (+ 0.006) 15.21 ng/ul

response 187704

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	134.40
56.00	111.70	104.47
0.00	0.00	0.00

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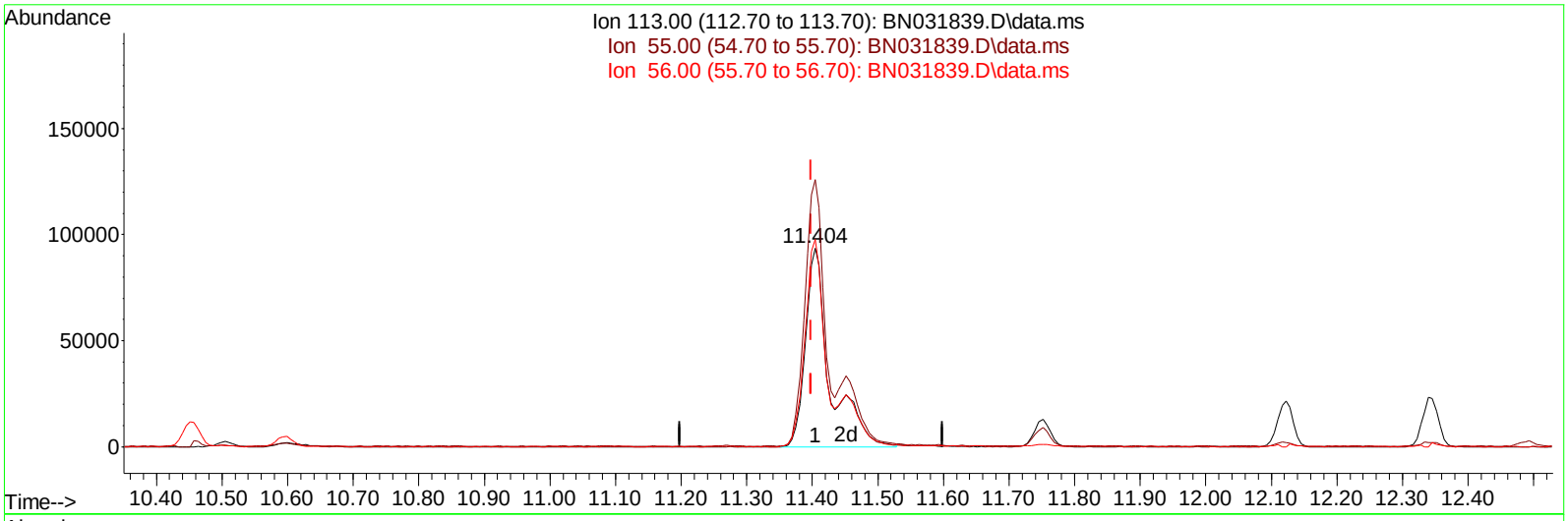

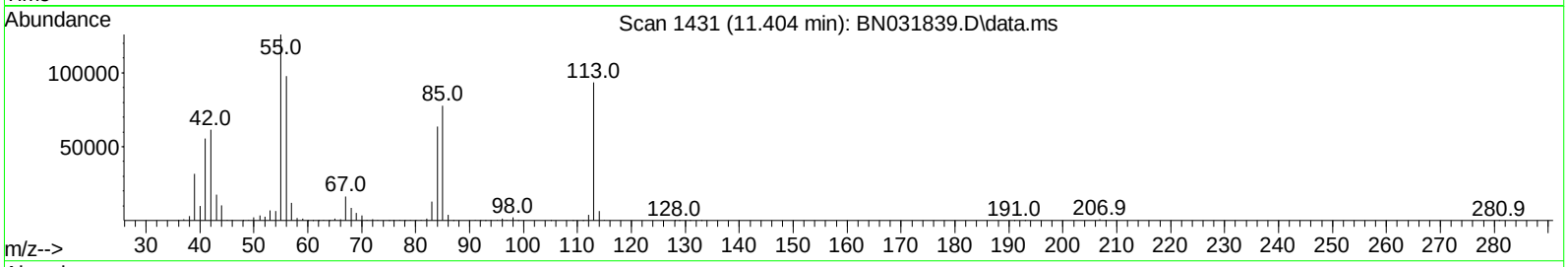

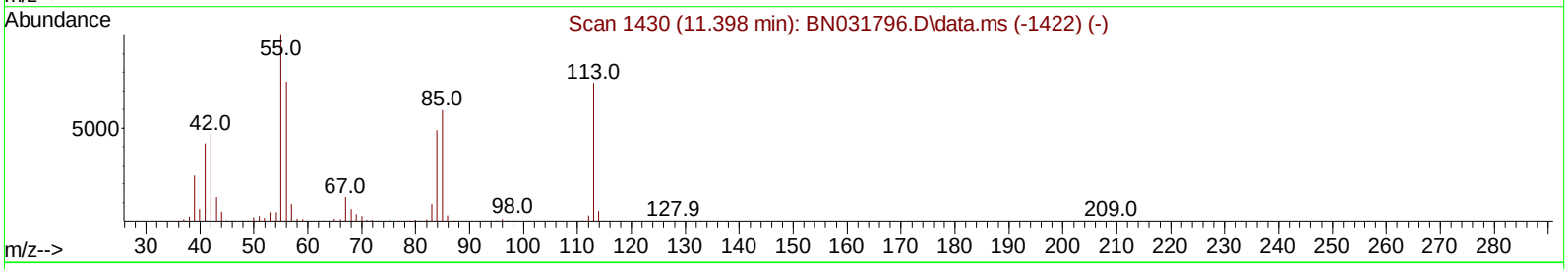

TIC: BN031839.D\data.ms

(34) Caprolactam

11.404min (+ 0.006) 19.79 ng/ul m

response 244196

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	134.40
56.00	111.70	104.47
0.00	0.00	0.00

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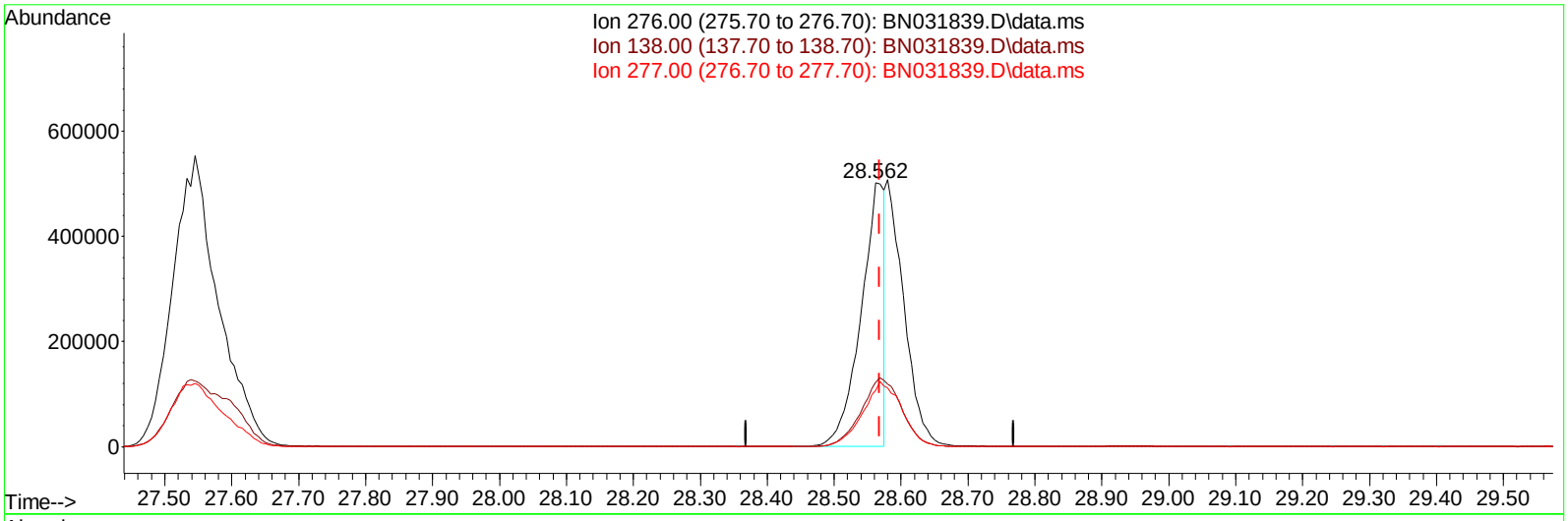

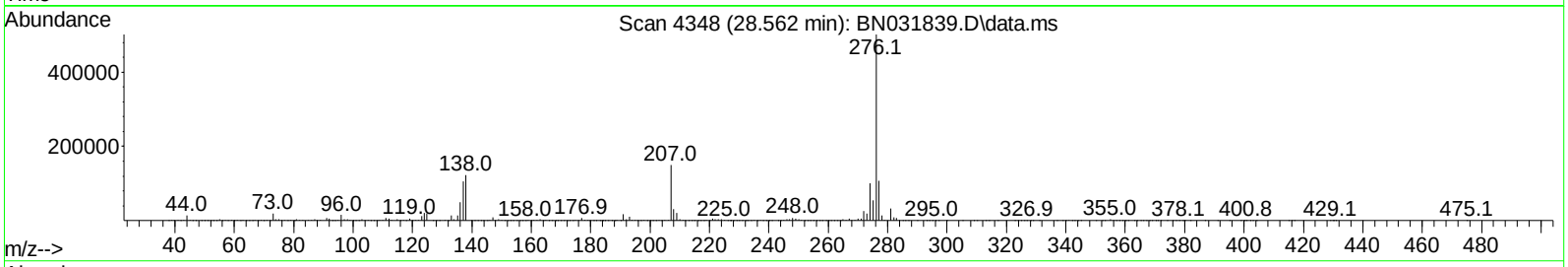

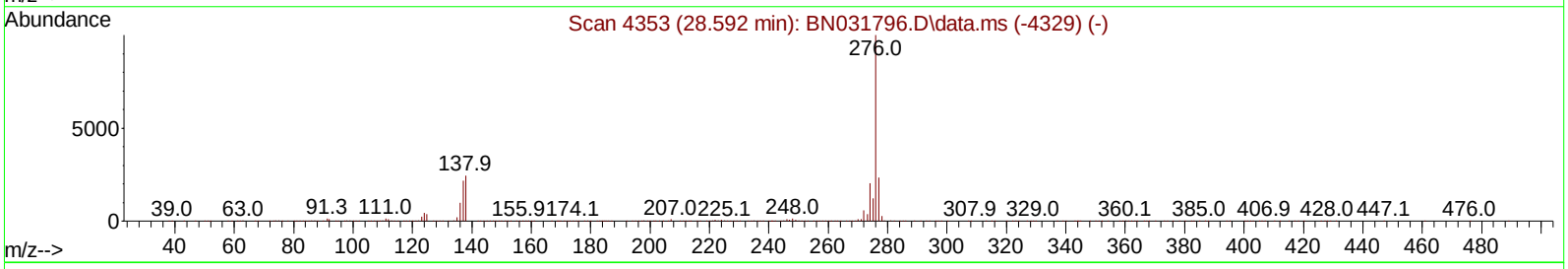

TIC: BN031839.D\data.ms

(96) Benzo(g,h,i)perylene

28.562min (-0.006) 12.28 ng/ul

response 1217085

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	24.57
277.00	22.50	21.29
0.00	0.00	0.00

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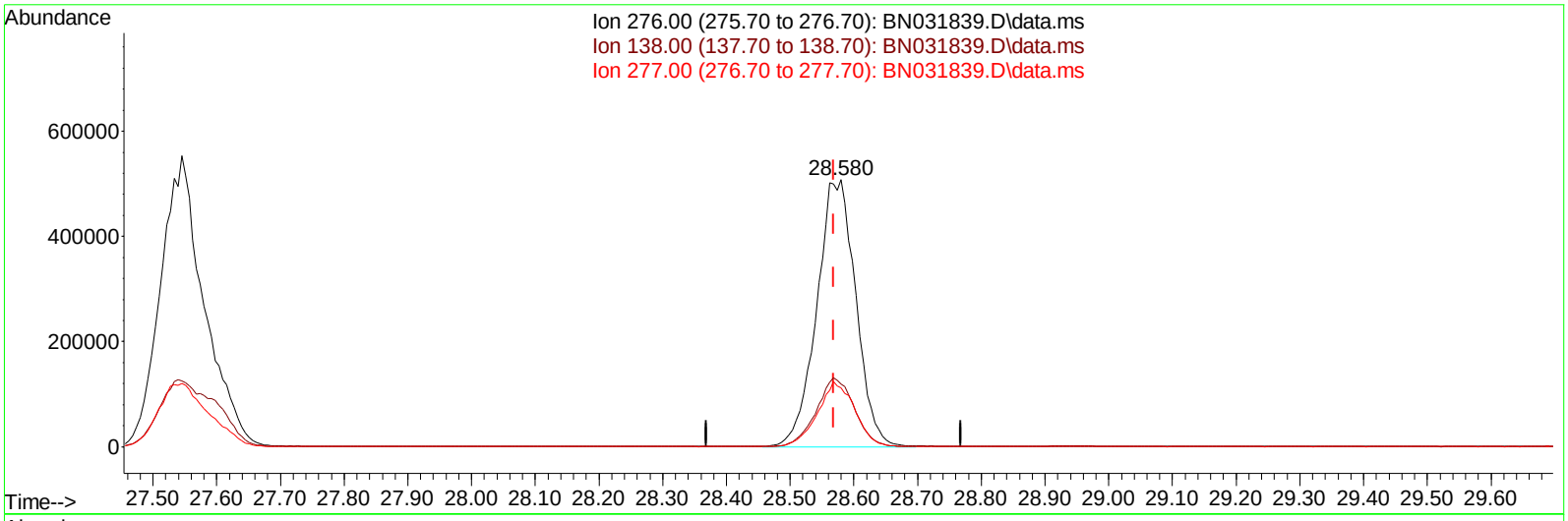

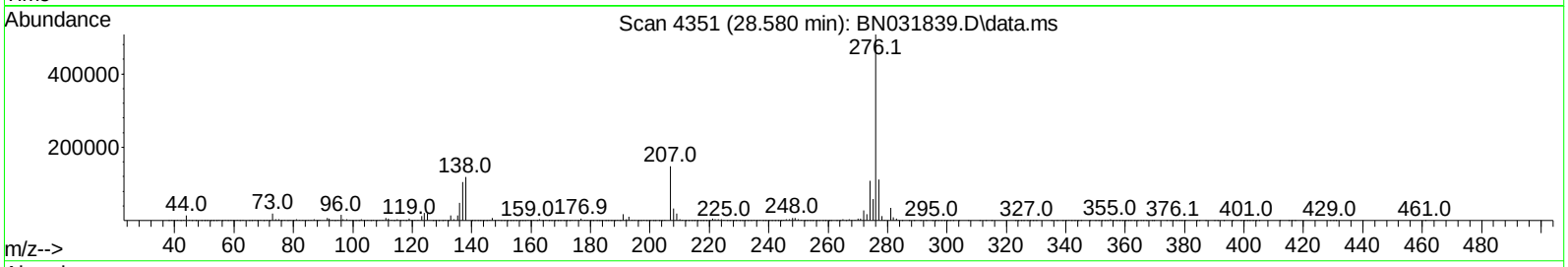

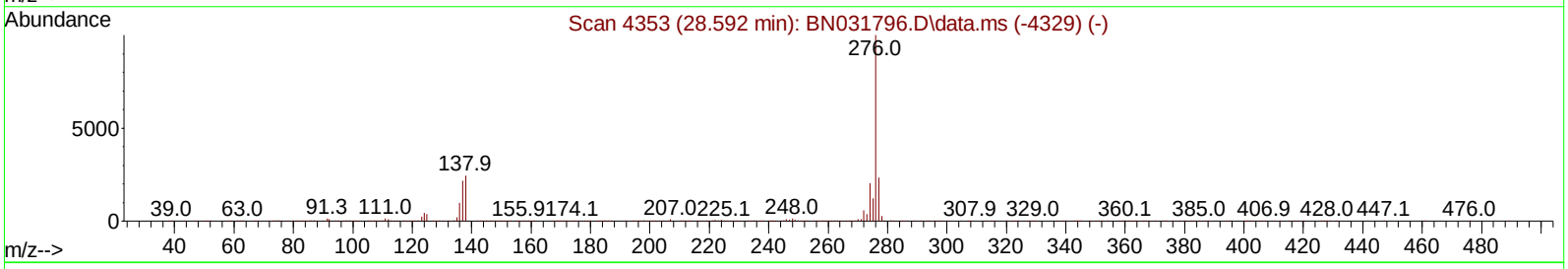

TIC: BN031839.D\data.ms

(96) Benzo(g,h,i)perylene

28.580min (+ 0.012) 21.84 ng/ul m

response 2164568

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	23.56
277.00	22.50	22.10
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	509159	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.457	136	2171361	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	1354250	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	2829846	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1818670	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1933046	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	92561	7.521	ng/uL	-0.01
4) Pyridine-d5	3.587	84	691548	19.961	ng/ul	-0.01
7) Phenol-d5	6.846	99	907909	20.800	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	495043	19.389	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	688559	20.674	ng/ul	-0.01
15) 4-Methylphenol-d8	8.381	113	707055	19.872	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	350509	21.112	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	382012	22.275	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	666193	20.808	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	944343	19.865	ng/ul	-0.01
46) Dimethylphthalate-d6	13.728	166	1807679	19.160	ng/ul	-0.02
49) Acenaphthylene-d8	14.004	160	2229680	20.553	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.528	143	399252	21.136	ng/ul	0.00
60) Fluorene-d10	15.310	176	1603897	20.092	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	279863	19.675	ng/ul	0.00
73) Anthracene-d10	17.163	188	2508881	20.708	ng/ul	0.00
81) Pyrene-d10	19.463	212	2534302	26.041	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	1838443	19.917	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	101072	7.675	ng/uL	95
5) Pyridine	3.605	79	681914	19.686	ng/ul	99
6) Benzaldehyde	6.822	77	390734	19.085	ng/ul	100
8) Phenol	6.875	94	918902	20.686	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.105	93	724200	19.716	ng/ul	97
12) 2-Chlorophenol	7.234	128	726375	20.841	ng/ul	98
13) 2-Methylphenol	8.116	108	692157	20.174	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.193	45	788911	18.658	ng/ul	98
16) Acetophenone	8.493	105	1073827	19.914	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.481	70	516559	18.487	ng/ul	97
18) 4-Methylphenol	8.446	108	736077	19.791	ng/ul	100
19) Hexachloroethane	8.740	117	292460	19.816	ng/ul	91
22) Nitrobenzene	8.869	77	811425	20.514	ng/ul	96
23) Isophorone	9.393	82	1500881	18.497	ng/ul	99
25) 2-Nitrophenol	9.575	139	409787	21.870	ng/ul	98
26) 2,4-Dimethylphenol	9.640	107	709210	19.457	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.875	93	950843	18.802	ng/ul	99
29) 2,4-Dichlorophenol	10.105	162	658793	20.839	ng/ul	100
30) Naphthalene	10.505	128	2267678	20.179	ng/ul	99
32) 4-Chloroaniline	10.622	127	933707	20.231	ng/ul	99
33) Hexachlorobutadiene	10.781	225	387343	20.401	ng/ul	96
34) Caprolactam	11.404	113	244196m	19.790	ng/ul	
35) 4-Chloro-3-methylphenol	11.752	107	733578	19.852	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	12.122	142	1511403	19.677	ng/ul	98
37) 1-Methylnaphthalene	12.346	142	1525733	19.796	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.493	216	765813	21.382	ng/ul	94
40) Hexachlorocyclopentadiene	12.463	237	334621	16.211	ng/ul	97
41) 2,4,6-Trichlorophenol	12.740	196	514186	21.152	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	554463	20.989	ng/ul	96
43) 1,1'-Biphenyl	13.146	154	1929348	20.254	ng/ul	97
44) 2-Chloronaphthalene	13.187	162	1517902	20.345	ng/ul	99
45) 2-Nitroaniline	13.398	65	454665	21.023	ng/ul	93
47) Dimethylphthalate	13.781	163	1830070	18.967	ng/ul	98
48) 2,6-Dinitrotoluene	13.904	165	397587	20.730	ng/ul	97
50) Acenaphthylene	14.034	152	2534929	20.676	ng/ul	100
51) 3-Nitroaniline	14.234	138	446895	21.793	ng/ul	94
52) Acenaphthene	14.381	153	1640587	20.224	ng/ul	96
53) 2,4-Dinitrophenol	14.445	184	234513	24.221	ng/ul	95
55) 4-Nitrophenol	14.545	109	318040	22.696	ng/ul	96
56) Dibenzofuran	14.716	168	2229944	20.233	ng/ul	97
57) 2,4-Dinitrotoluene	14.693	165	598008	21.250	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.945	232	459169	20.780	ng/ul	99
59) Diethylphthalate	15.145	149	1879060	18.873	ng/ul	98
61) Fluorene	15.363	166	1833974	20.664	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.363	204	859709	19.999	ng/ul	100
63) 4-Nitroaniline	15.398	138	451446	23.126	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.457	198	296563	19.612	ng/ul	96
67) N-Nitrosodiphenylamine	15.581	169	1575320	20.196	ng/ul	98
68) 4-Bromophenyl-phenylether	16.257	248	543744	19.831	ng/ul	93
69) Hexachlorobenzene	16.363	284	624351	20.091	ng/ul	96
70) Atrazine	16.534	200	463228	18.809	ng/ul	99
71) Pentachlorophenol	16.716	266	396363	19.936	ng/ul	98
72) Phenanthrene	17.104	178	2940682	20.399	ng/ul	100
74) Anthracene	17.198	178	3007015	20.586	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.104	216	758732	20.831	ng/uL	96
76) Pentachlorobenzene	14.634	250	737994	20.802	ng/uL	98
77) Carbazole	17.469	167	2778811	22.310	ng/ul	98
78) Di-n-butylphthalate	18.039	149	3316979	19.357	ng/ul	99
80) Fluoranthene	19.128	202	3204569	27.552	ng/ul	99
82) Pyrene	19.492	202	3099643	25.975	ng/ul	99
83) Butylbenzylphthalate	20.398	149	1459148	25.889	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.210	252	631842	18.117	ng/ul	97
85) Benzo(a)anthracene	21.280	228	2499377	20.532	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.210	149	2041587	24.849	ng/ul	97
87) Chrysene	21.339	228	2312270	20.336	ng/ul	99
89) Di-n-octyl phthalate	22.322	149	3102614	23.974	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2283033	19.759	ng/ul	99
91) Benzo(k)fluoranthene	23.369	252	2253943	19.880	ng/ul	96
93) Benzo(a)pyrene	24.098	252	2148483	19.854	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.545	276	2633187	21.116	ng/ul	99
95) Dibenzo(a,h)anthracene	27.604	278	2195699	21.567	ng/ul	97
96) Benzo(g,h,i)perylene	28.580	276	2164568m	21.836	ng/ul	

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

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