Quantitation Report (Qedit)

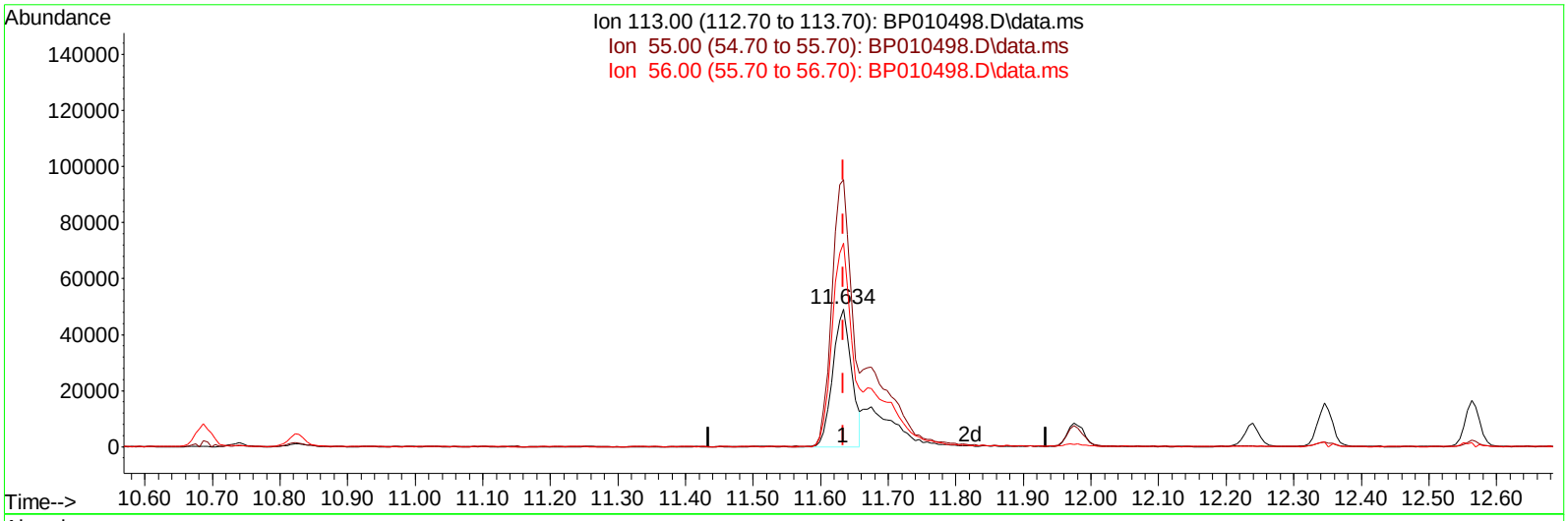
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
Data File : BP010498.D
Acq On : 24 May 2022 03:21
Operator : CG/JU
Sample : PB145003BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

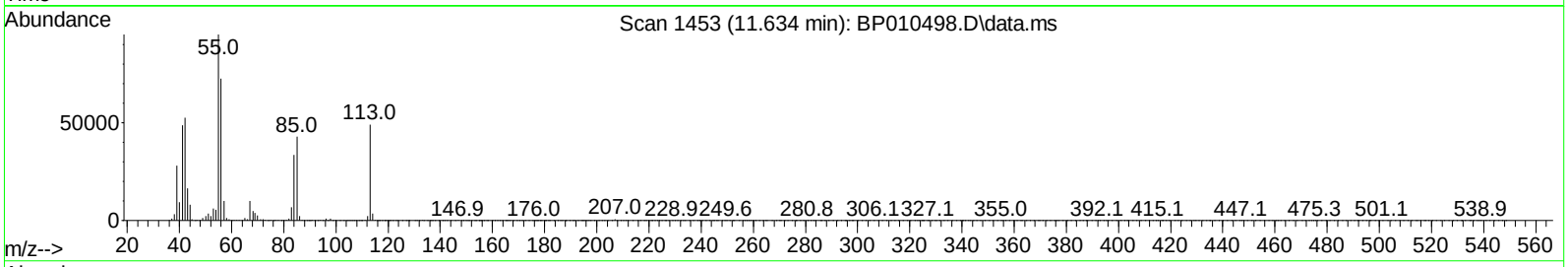
Quant Time: May 24 04:25:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 15:04:31 2022
Response via : Initial Calibration

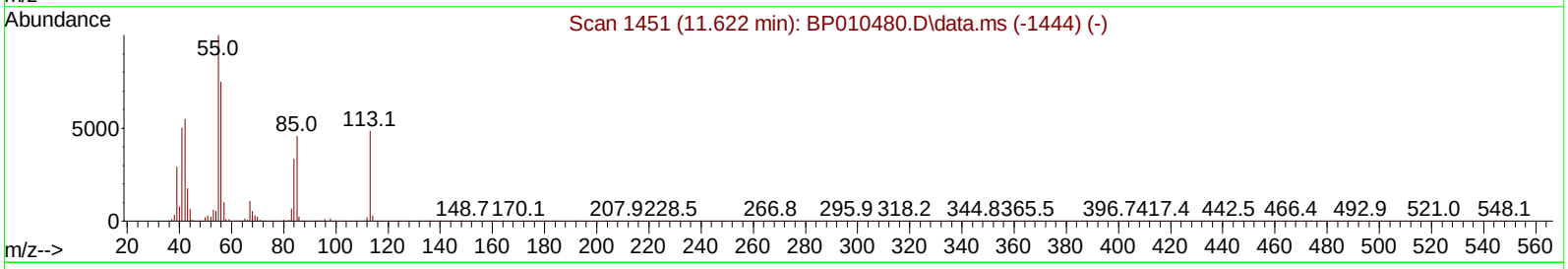
Instrument :
BNA_P
ClientSampleId :
SLCS003

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/24/2022
Supervised By :Yogesh Patel 05/26/2022







TIC: BP010498.D\data.ms

(34) Caprolactam

11.634min (+ 0.000) 19.40 ng/ul

response 95124

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	193.86#
56.00	85.80	147.68#
0.00	0.00	0.00

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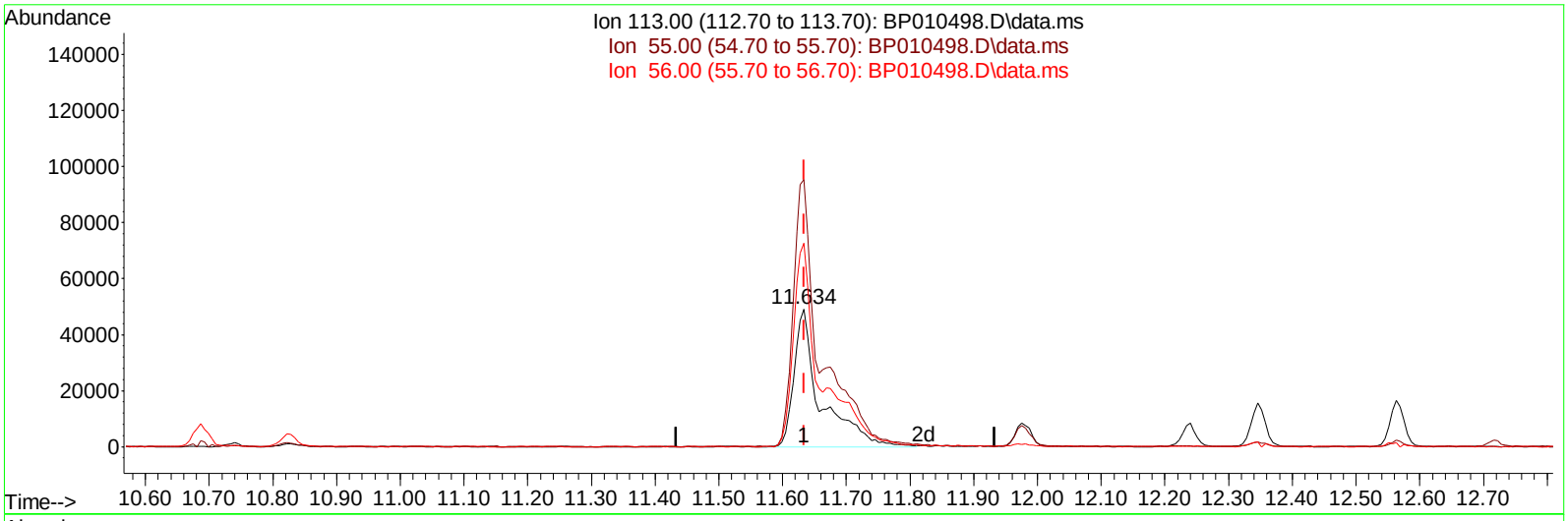

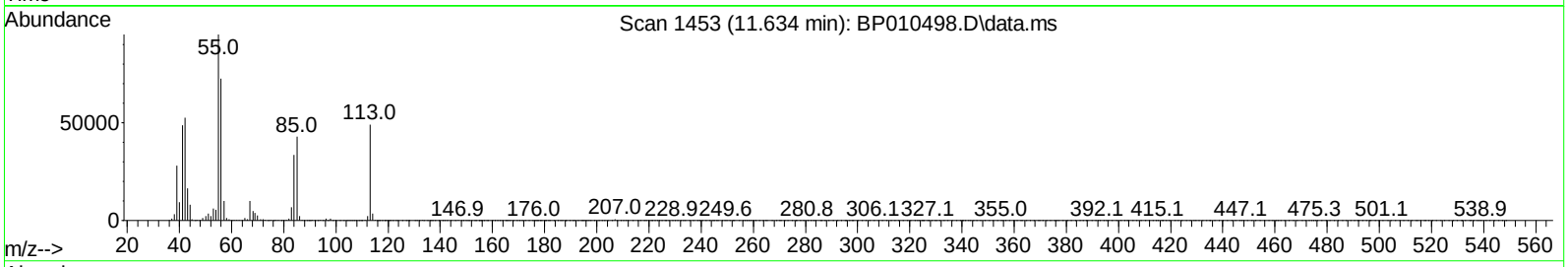

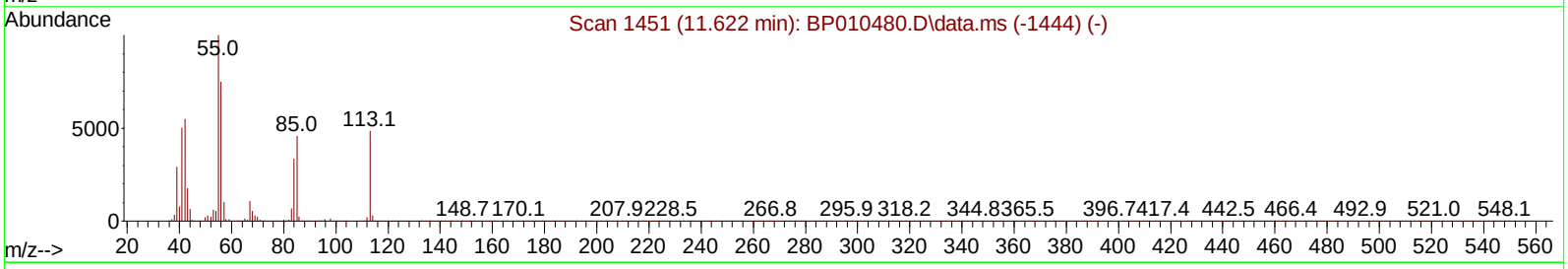

TIC: BP010498.D\data.ms

(34) Caprolactam

11.634min (+ 0.000) 29.29 ng/ul m

response 143645

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	193.86#
56.00	85.80	147.68#
0.00	0.00	0.00

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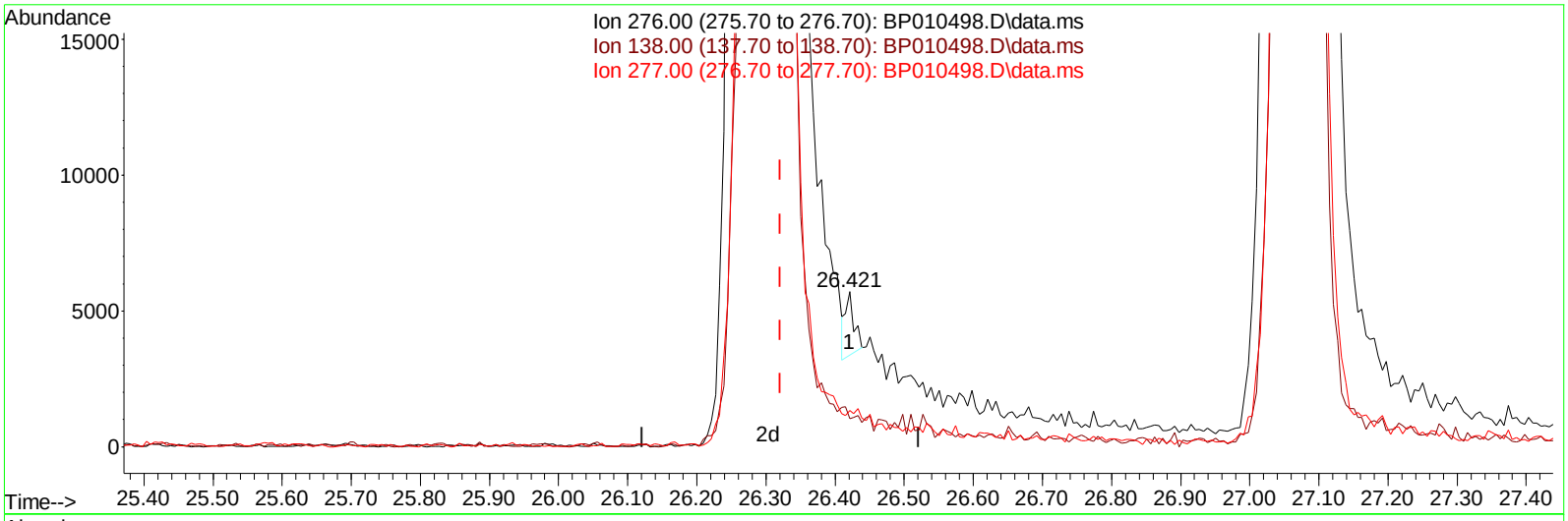

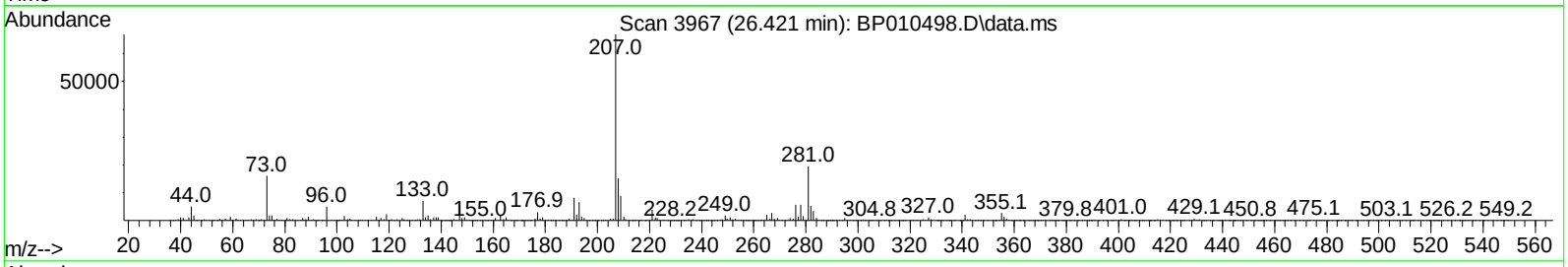

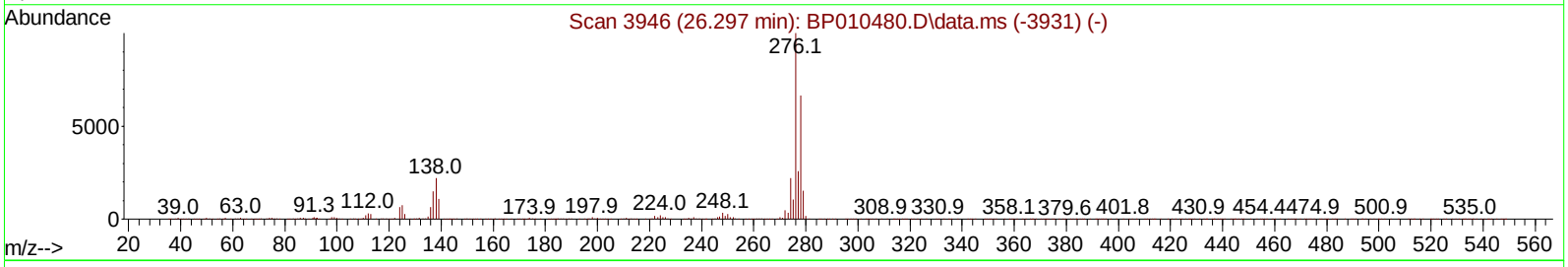

TIC: BP010498.D\data.ms

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

26.421min (+ 0.100) 0.04 ng/ul

response 2069

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	18.19
277.00	24.10	23.53
0.00	0.00	0.00

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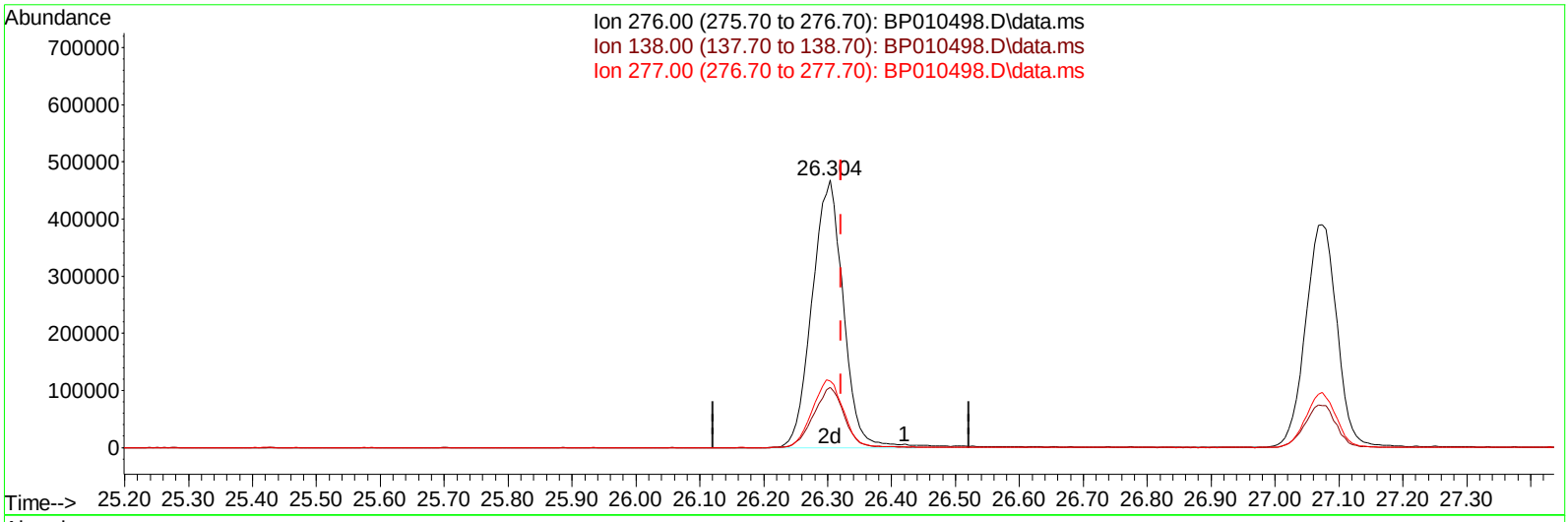

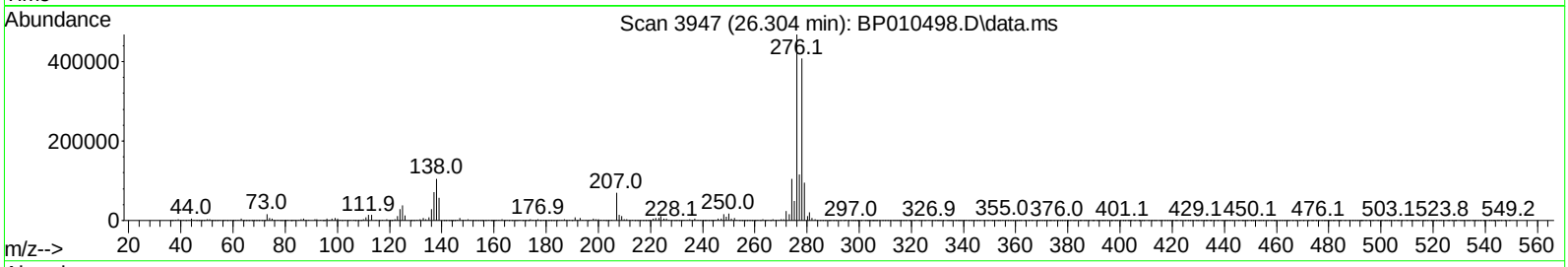

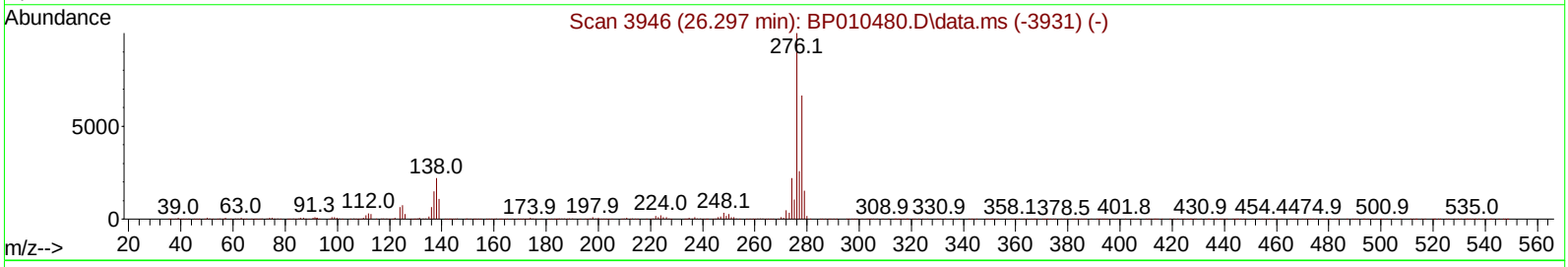

TIC: BP010498.D\data.ms

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

26.304min (-0.018) 31.42 ng/ul m

response 1594913

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	22.46#
277.00	24.10	24.81
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	199021	20.000	ng/ul	#-0.01
20) Naphthalene-d8	10.687	136	886236	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.522	164	594949	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.275	188	1271242	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	1125020	20.000	ng/ul	# 0.00
88) Perylene-d12	23.774	264	871358	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	24879	5.328	ng/uL	0.00
4) Pyridine-d5	3.752	84	379535	28.628	ng/ul	-0.01
7) Phenol-d5	7.057	99	514931	30.826	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	344397	30.686	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.422	132	401947	31.446	ng/ul	-0.01
15) 4-Methylphenol-d8	8.599	113	433364	30.527	ng/ul	-0.01
21) Nitrobenzene-d5	9.046	128	214041	31.206	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.769	143	238148	32.763	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.310	165	425073	30.927	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.822	131	538258	26.339	ng/ul	-0.02
46) Dimethylphthalate-d6	13.934	166	1341485	30.604	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	1574015	31.131	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.722	143	226734	29.061	ng/ul	0.00
60) Fluorene-d10	15.516	176	1150494	30.169	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	224352	30.176	ng/ul	0.00
73) Anthracene-d10	17.375	188	1791944	31.130	ng/ul	0.00
81) Pyrene-d10	19.604	212	2086774	34.927	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.621	264	1433599	32.765	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	49895	10.316	ng/uL#	15
5) Pyridine	3.775	79	366377	26.591	ng/ul#	34
6) Benzaldehyde	7.028	77	356902	40.417	ng/ul	94
8) Phenol	7.081	94	519530	28.829	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.310	93	393915	27.801	ng/ul#	73
12) 2-Chlorophenol	7.452	128	384638	28.825	ng/ul	97
13) 2-Methylphenol	8.334	108	388270	28.861	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.416	45	668439	28.946	ng/ul#	81
16) Acetophenone	8.710	105	638885	28.644	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.704	70	348011	29.154	ng/ul#	69
18) 4-Methylphenol	8.663	108	422809	28.437	ng/ul	93
19) Hexachloroethane	8.969	117	164915	28.417	ng/ul	83
22) Nitrobenzene	9.093	77	510719	28.335	ng/ul#	84
23) Isophorone	9.622	82	952421	28.588	ng/ul#	97
25) 2-Nitrophenol	9.804	139	230201	28.843	ng/ul#	85
26) 2,4-Dimethylphenol	9.863	107	476633	27.522	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.098	93	556359	28.047	ng/ul#	97
29) 2,4-Dichlorophenol	10.340	162	401835	28.596	ng/ul#	83
30) Naphthalene	10.740	128	1290798	27.885	ng/ul	96
32) 4-Chloroaniline	10.851	127	497871	24.548	ng/ul	97
33) Hexachlorobutadiene	11.028	225	272388	27.355	ng/ul	96
34) Caprolactam	11.634	113	143645m	29.291	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	471116	28.659	ng/ul#	69

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.345	142	899685	27.454	ng/ul	91
37) 1-Methylnaphthalene	12.563	142	924080	27.928	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.716	216	509214	28.047	ng/ul#	92
40) Hexachlorocyclopentadiene	12.698	237	226093	22.906	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.957	196	334472	29.554	ng/ul#	80
42) 2,4,5-Trichlorophenol	13.028	196	370906	29.352	ng/ul#	90
43) 1,1'-Biphenyl	13.357	154	1239298	28.379	ng/ul#	92
44) 2-Chloronaphthalene	13.398	162	958968	28.432	ng/ul	94
45) 2-Nitroaniline	13.598	65	353254	31.823	ng/ul#	76
47) Dimethylphthalate	13.981	163	1220281	28.065	ng/ul#	92
48) 2,6-Dinitrotoluene	14.098	165	269639	30.421	ng/ul	95
50) Acenaphthylene	14.239	152	1554978	28.429	ng/ul	95
51) 3-Nitroaniline	14.428	138	252388	30.339	ng/ul#	82
52) Acenaphthene	14.586	153	1001839	28.077	ng/ul	96
53) 2,4-Dinitrophenol	14.634	184	120475	24.346	ng/ul#	72
55) 4-Nitrophenol	14.739	109	189730	27.348	ng/ul#	41
56) Dibenzofuran	14.922	168	1453279	27.792	ng/ul	98
57) 2,4-Dinitrotoluene	14.886	165	384804	30.158	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.151	232	317133	29.185	ng/ul#	86
59) Diethylphthalate	15.339	149	1270901	28.645	ng/ul#	92
61) Fluorene	15.569	166	1206294	28.209	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.563	204	615972	27.691	ng/ul	96
63) 4-Nitroaniline	15.592	138	274822	33.458	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.657	198	202864	27.361	ng/ul#	90
67) N-Nitrosodiphenylamine	15.775	169	1042265	29.235	ng/ul	94
68) 4-Bromophenyl-phenylether	16.457	248	381073	29.107	ng/ul	97
69) Hexachlorobenzene	16.580	284	430736	28.603	ng/ul#	89
70) Atrazine	16.733	200	415858	29.118	ng/ul	91
71) Pentachlorophenol	16.928	266	256410	27.136	ng/ul#	84
72) Phenanthrene	17.316	178	1949675	28.738	ng/ul	99
74) Anthracene	17.410	178	1973676	28.999	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	545593	28.240	ng/uL#	85
76) Pentachlorobenzene	14.845	250	510739	29.137	ng/uL	90
77) Carbazole	17.675	167	1712617	28.632	ng/ul#	96
78) Di-n-butylphthalate	18.227	149	2204772	30.264	ng/ul#	93
80) Fluoranthene	19.280	202	2294445	33.046	ng/ul	97
82) Pyrene	19.633	202	2361381	32.591	ng/ul	95
83) Butylbenzylphthalate	20.504	149	1018311	35.147	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.268	252	665710	29.441	ng/ul#	98
85) Benzo(a)anthracene	21.339	228	2105851	29.934	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.263	149	1468063	34.530	ng/ul#	81
87) Chrysene	21.392	228	2020182	29.194	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	2456934	37.586	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	1803519	31.053	ng/ul	100
91) Benzo(k)fluoranthene	23.086	252	1671922	30.289	ng/ul#	97
93) Benzo(a)pyrene	23.668	252	1617539	29.976	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.304	276	1594913m	31.418	ng/ul	
95) Dibenzo(a,h)anthracene	26.309	278	1354402	30.748	ng/ul#	94
96) Benzo(g,h,i)perylene	27.074	276	1333227	31.453	ng/ul#	90

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

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