Quantitation Report (Qedit)

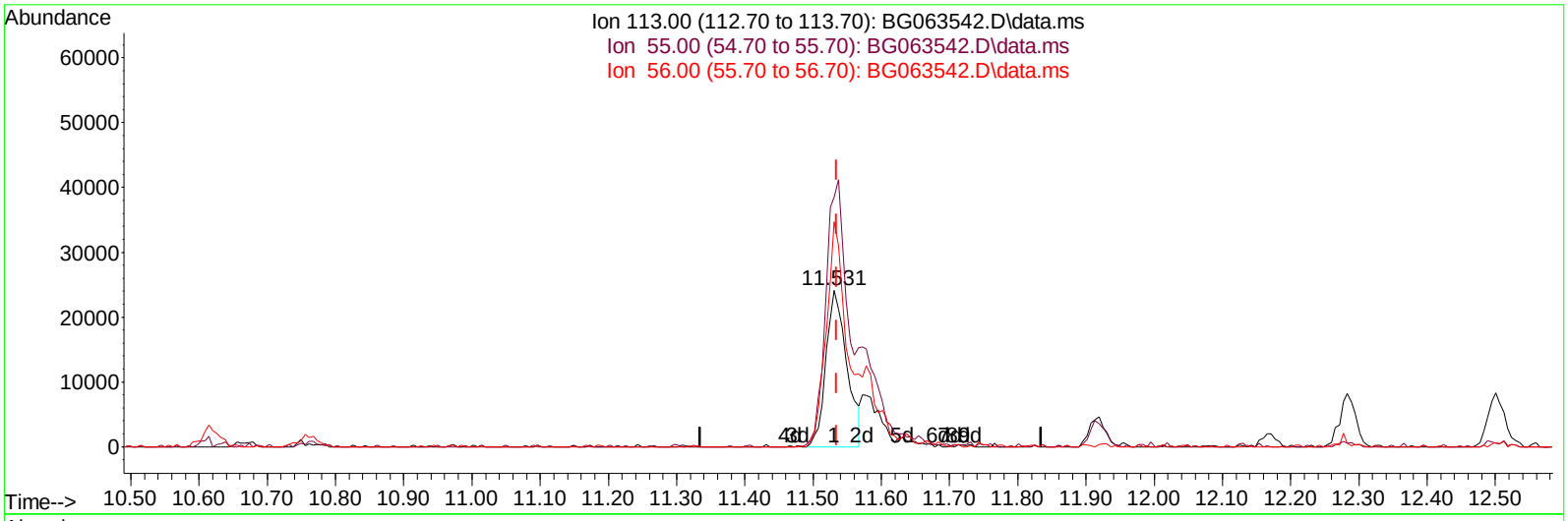
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
Data File : BG063542.D
Acq On : 23 Nov 2024 5:46
Operator : RC/JU
Sample : PB165140BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

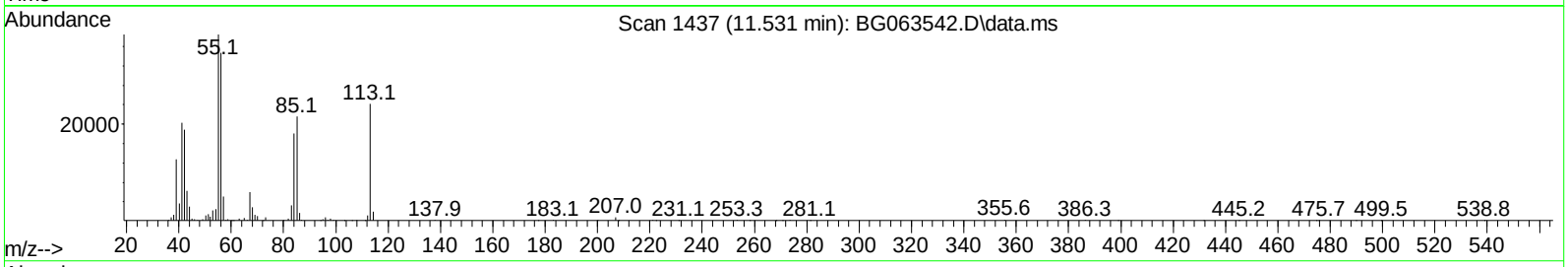
Quant Time: Nov 23 06:19:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

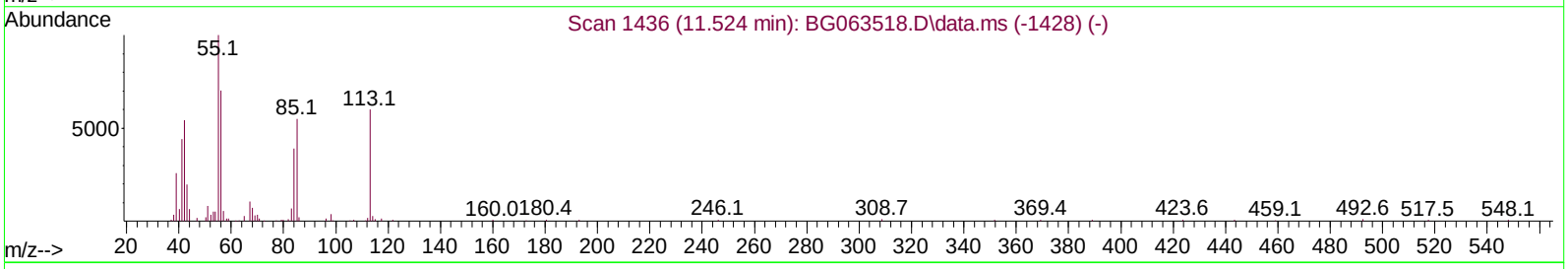
Instrument :
BNA_G
ClientSampleId :
SLCS140

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024







TIC: BG063542.D\data.ms

(34) Caprolactam

11.531min (-0.003) 21.28 ng/ul

response 51398

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	159.30
56.00	137.20	143.92
0.00	0.00	0.00

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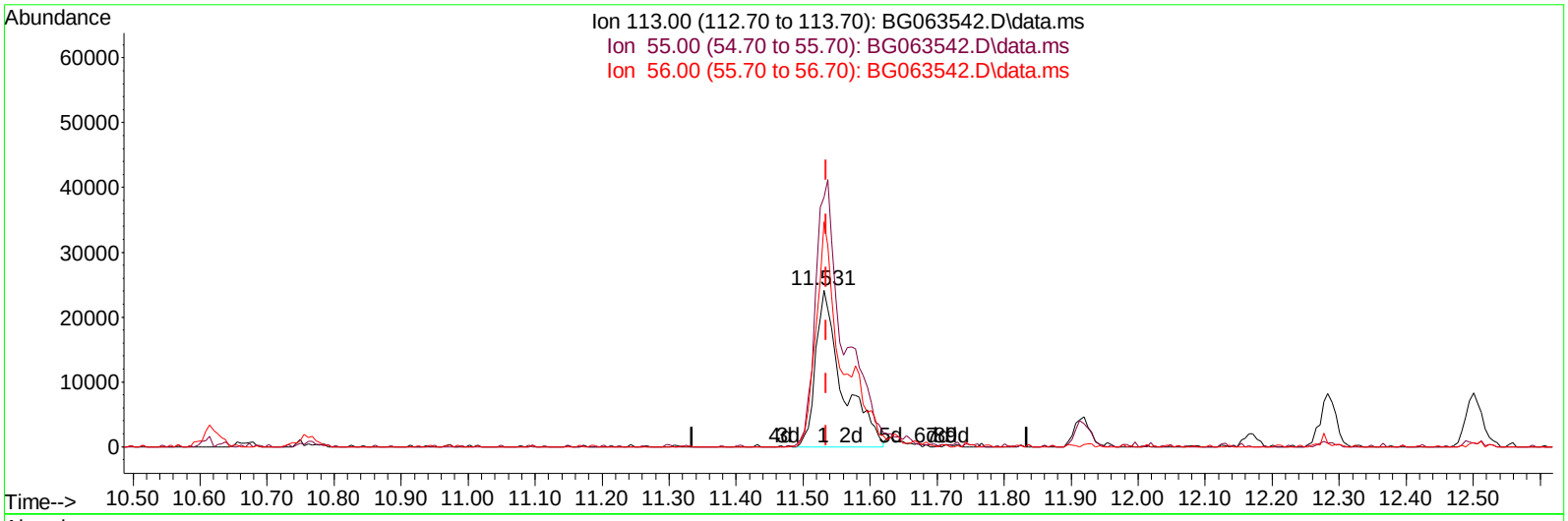

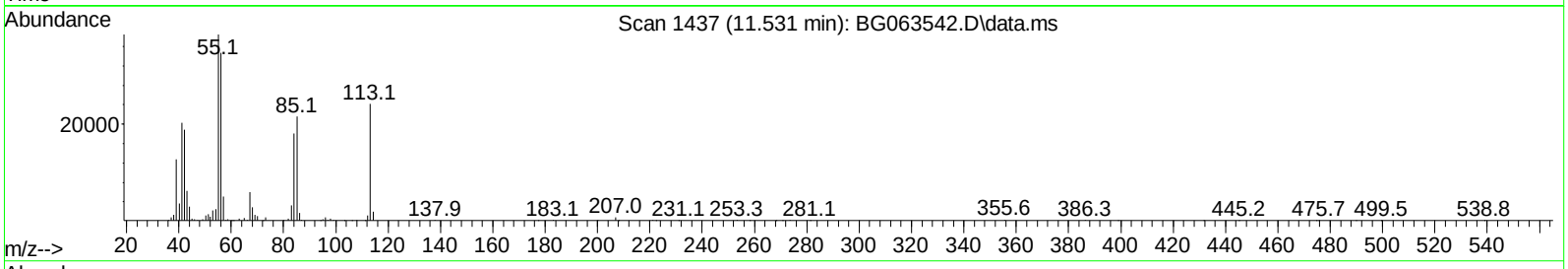

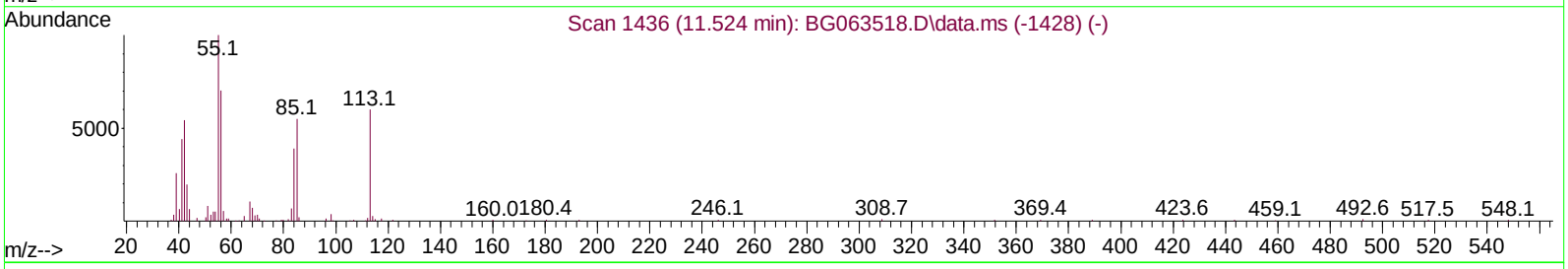

TIC: BG063542.D\data.ms

(34) Caprolactam

11.531min (-0.003) 27.63 ng/ul m

response 66712

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	159.30
56.00	137.20	143.92
0.00	0.00	0.00

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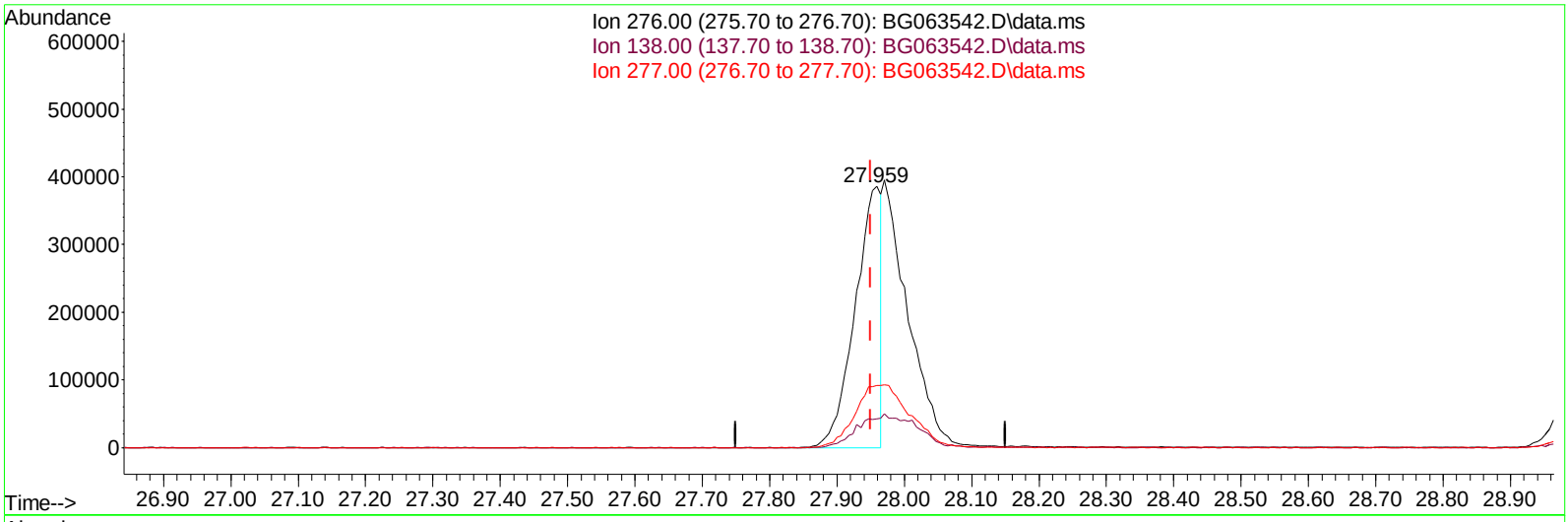

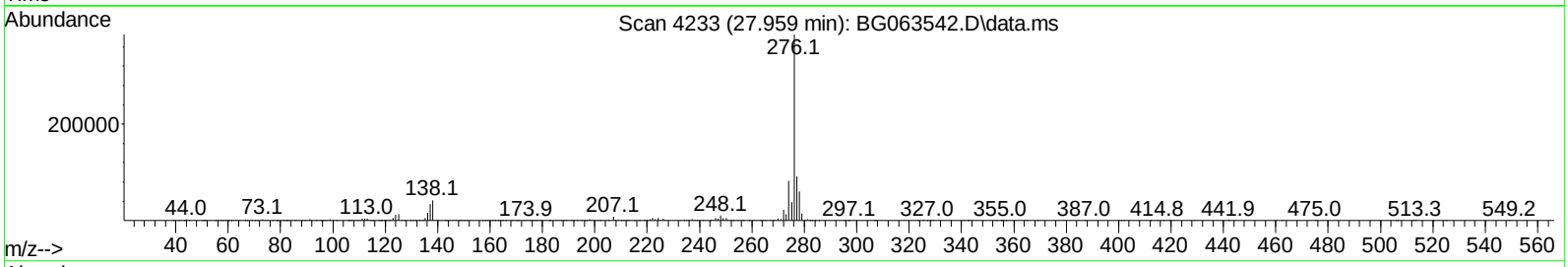

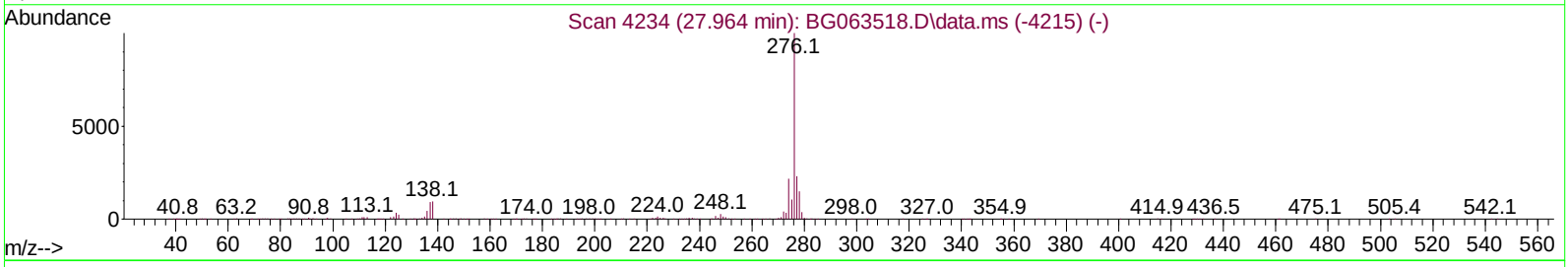

TIC: BG063542.D\data.ms

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

27.959min (+ 0.008) 14.56 ng/ul

response 1034912

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	10.92
277.00	24.20	23.90
0.00	0.00	0.00

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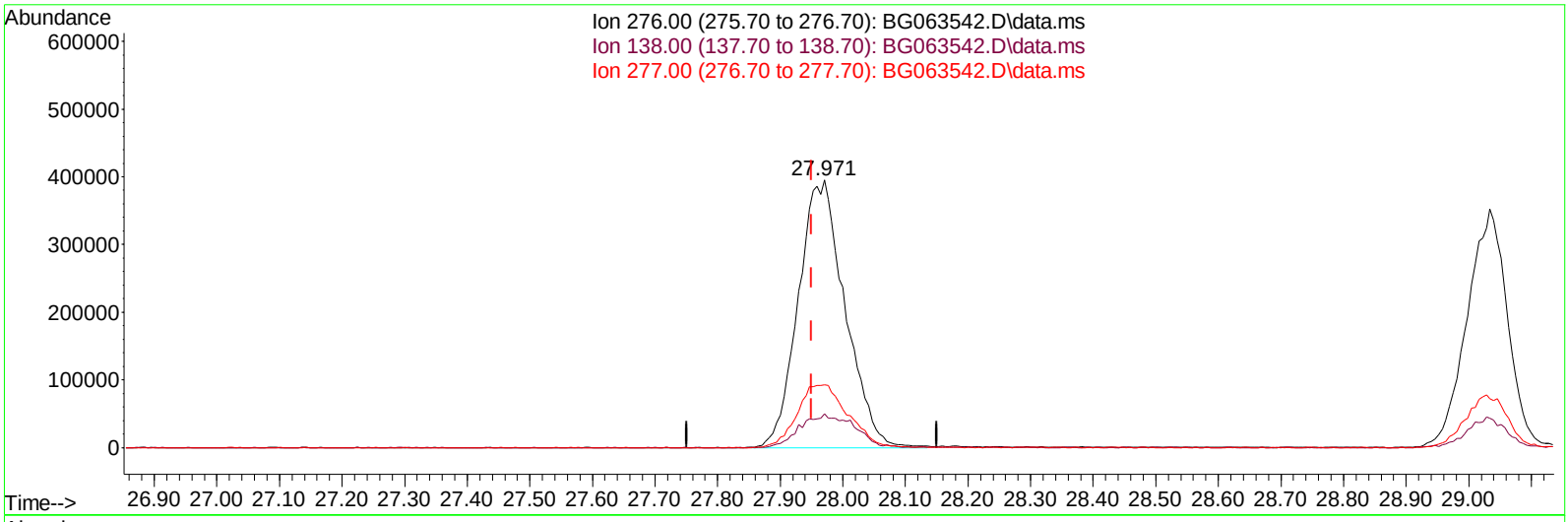

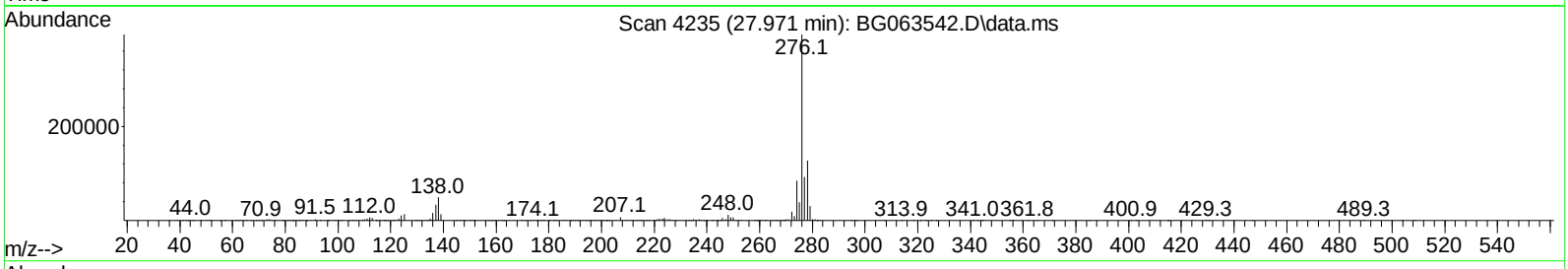

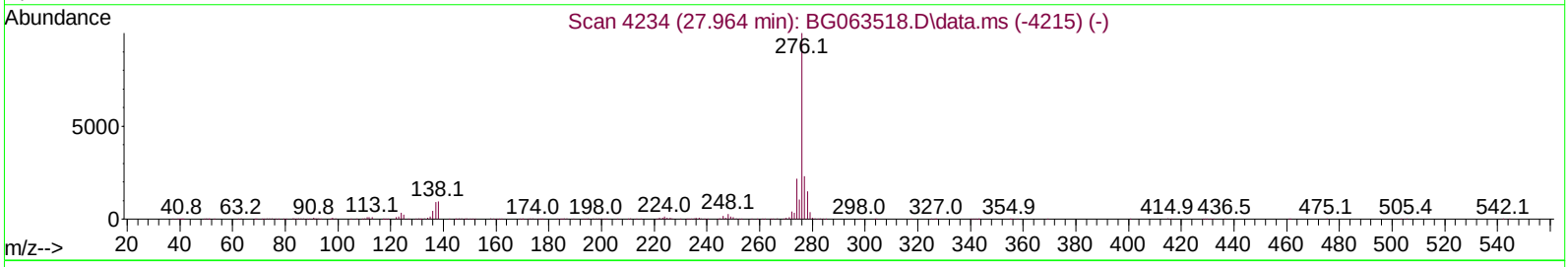

TIC: BG063542.D\data.ms

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

27.971min (+ 0.020) 28.83 ng/ul m

response 2048299

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	12.54
277.00	24.20	23.45
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	7.829	152	103084	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	433090	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	346003	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	869273	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	968777	20.000	ng/ul	0.00
88) Perylene-d12	24.528	264	1019526	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.294	96	13719	5.253	ng/uL	0.00
4) Pyridine-d5	3.699	84	191359	23.375	ng/ul	0.00
7) Phenol-d5	7.007	99	244271	28.812	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	151073	27.783	ng/ul	0.00
11) 2-Chlorophenol-d4	7.365	132	182323	30.345	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	200018	28.233	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	88421	28.430	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	112073	29.170	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	214611	29.265	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	224353	24.187	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	688024	29.292	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	767599	28.657	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	103233	29.579	ng/ul	0.00
60) Fluorene-d10	15.468	176	624294	29.251	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	145902	29.855	ng/ul	0.00
73) Anthracene-d10	17.324	188	1074069	28.440	ng/ul	0.00
81) Pyrene-d10	19.627	212	1427263	29.391	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.322	264	1460668	29.538	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.329	88	26792	8.688	ng/uL#	89
5) Pyridine	3.717	79	190629	22.885	ng/ul	98
6) Benzaldehyde	6.978	77	15829	3.262	ng/ul	98
8) Phenol	7.030	94	253935	27.468	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.254	93	179470	26.896	ng/ul#	96
12) 2-Chlorophenol	7.395	128	180741	28.183	ng/ul	96
13) 2-Methylphenol	8.276	108	193096	28.073	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.347	45	266477	27.260	ng/ul	96
16) Acetophenone	8.646	105	306010	27.343	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.629	70	174786	27.946	ng/ul	91
18) 4-Methylphenol	8.605	108	215326	28.541	ng/ul	94
19) Hexachloroethane	8.905	117	74378	26.854	ng/ul	93
22) Nitrobenzene	9.022	77	262543	27.517	ng/ul	95
23) Isophorone	9.545	82	490056	28.128	ng/ul	96
25) 2-Nitrophenol	9.739	139	110859	29.082	ng/ul#	88
26) 2,4-Dimethylphenol	9.804	107	177964	21.658	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.033	93	267014	27.685	ng/ul#	96
29) 2,4-Dichlorophenol	10.274	162	201370	28.106	ng/ul	96
30) Naphthalene	10.667	128	624284	28.199	ng/ul	96
32) 4-Chloroaniline	10.779	127	124995	14.102	ng/ul	93
33) Hexachlorobutadiene	10.955	225	174022	27.230	ng/ul	98
34) Caprolactam	11.531	113	66712m	27.626	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	219730	30.133	ng/ul	96

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	451199	28.713	ng/ul	99
37) 1-Methylnaphthalene	12.506	142	443144	26.857	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.653	216	328079	26.983	ng/ul#	98
40) Hexachlorocyclopentadiene	12.636	237	92589	17.853	ng/ul	98
41) 2,4,6-Trichlorophenol	12.900	196	187631	28.124	ng/ul	99
42) 2,4,5-Trichlorophenol	12.976	196	205346	29.824	ng/ul	91
43) 1,1'-Biphenyl	13.300	154	644688	28.075	ng/ul	97
44) 2-Chloronaphthalene	13.341	162	501688	27.804	ng/ul	98
45) 2-Nitroaniline	13.552	65	172769	30.379	ng/ul	95
47) Dimethylphthalate	13.922	163	638507	27.900	ng/ul#	98
48) 2,6-Dinitrotoluene	14.052	165	136530	29.406	ng/ul	91
50) Acenaphthylene	14.193	152	758962	28.186	ng/ul	97
51) 3-Nitroaniline	14.381	138	128400	30.196	ng/ul	95
52) Acenaphthene	14.533	153	554096	28.490	ng/ul	96
53) 2,4-Dinitrophenol	14.598	184	70192	29.446	ng/ul	97
55) 4-Nitrophenol	14.704	109	119715	29.516	ng/ul	91
56) Dibenzofuran	14.868	168	799349	28.647	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	206262	29.032	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.103	232	189533	28.968	ng/ul#	93
59) Diethylphthalate	15.297	149	675007	29.201	ng/ul	99
61) Fluorene	15.526	166	680401	28.646	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.515	204	398633	28.126	ng/ul	96
63) 4-Nitroaniline	15.550	138	152521	35.035	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.614	198	150692	28.857	ng/ul#	93
67) N-Nitrosodiphenylamine	15.732	169	571328	27.683	ng/ul	92
68) 4-Bromophenyl-phenylether	16.414	248	280712	28.821	ng/ul	98
69) Hexachlorobenzene	16.537	284	285823	27.989	ng/ul	93
70) Atrazine	16.690	200	253562	25.430	ng/ul	97
71) Pentachlorophenol	16.884	266	124124	25.992	ng/ul	95
72) Phenanthrene	17.265	178	1188199	28.674	ng/ul	97
74) Anthracene	17.359	178	1186829	28.048	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.264	216	330452	26.126	ng/ul	93
76) Pentachlorobenzene	14.798	250	338615	27.110	ng/ul	97
77) Carbazole	17.630	167	1050274	29.915	ng/ul	99
78) Di-n-butylphthalate	18.194	149	1203053	29.891	ng/ul	100
80) Fluoranthene	19.293	202	1561991	29.090	ng/ul	98
82) Pyrene	19.657	202	1653289	28.734	ng/ul	98
83) Butylbenzylphthalate	20.550	149	560981	30.044	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.390	252	578266	27.787	ng/ul	99
85) Benzo(a)anthracene	21.466	228	1778345	28.389	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.384	149	806110	29.703	ng/ul	99
87) Chrysene	21.531	228	1673348	28.568	ng/ul	97
89) Di-n-octyl phthalate	22.530	149	1424502	31.490	ng/ul	100
90) Benzo(b)fluoranthene	23.564	252	1825388	29.821	ng/ul	99
91) Benzo(k)fluoranthene	23.629	252	1745966	28.425	ng/ul	98
93) Benzo(a)pyrene	24.387	252	1645704	28.726	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.971	276	2048299m	28.826	ng/ul	
95) Dibenzo(a,h)anthracene	28.018	278	1697816	29.226	ng/ul	93
96) Benzo(g,h,i)perylene	29.034	276	1578147	29.291	ng/ul	97

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

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