Quantitation Report (Qedit)

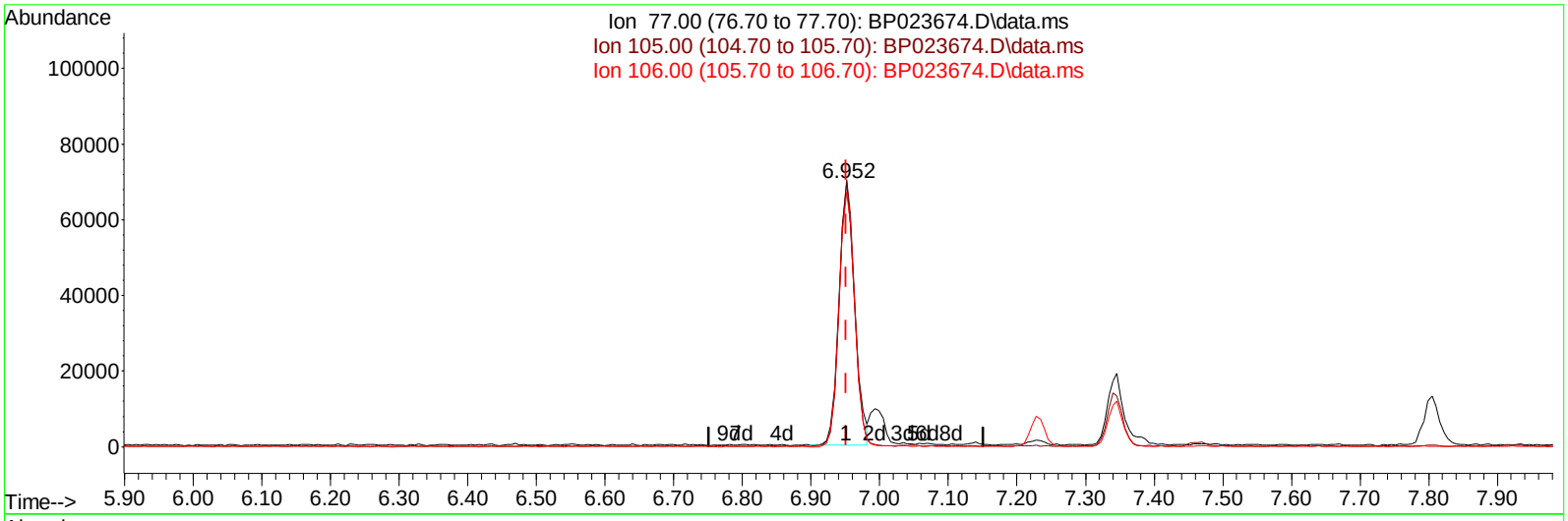
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
Data File : BP023674.D
Acq On : 21 Jan 2025 04:40
Operator : RC/JU
Sample : PB166142BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

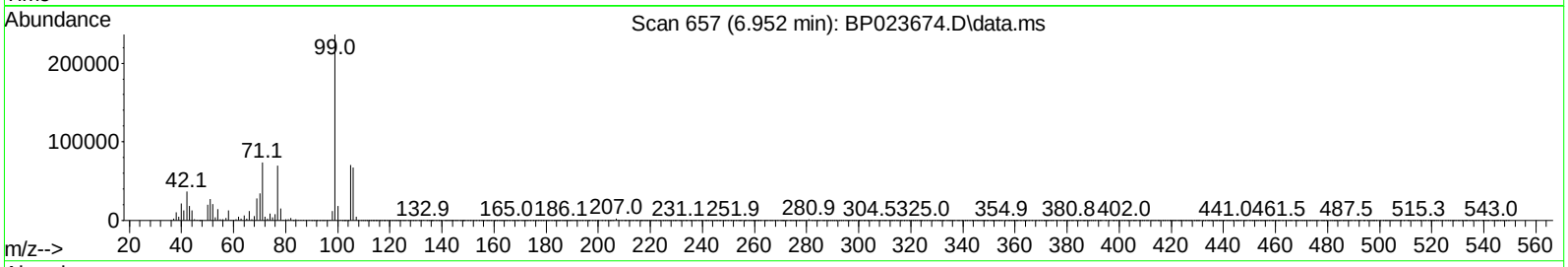
Quant Time: Jan 21 05:12:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 21:50:54 2025
Response via : Initial Calibration

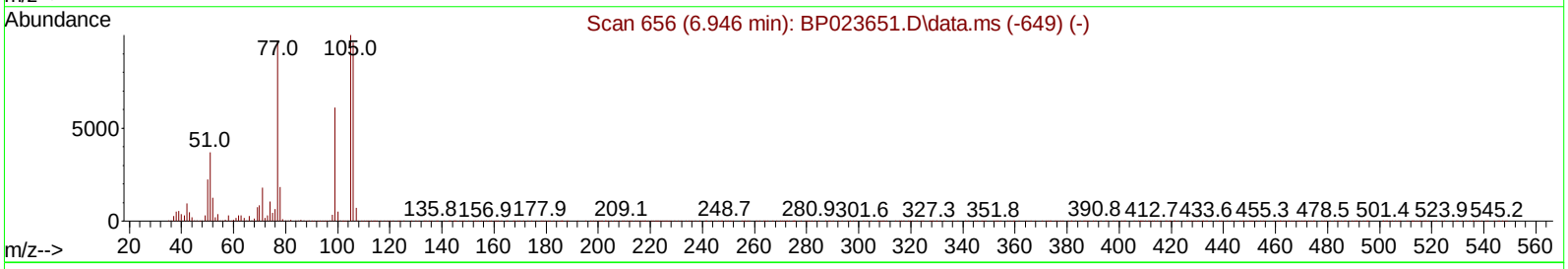
Instrument :
BNA_P
ClientSampleId :
SLCS142

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/22/2025







TIC: BP023674.D\data.ms

(6) Benzaldehyde

6.952min (+ 0.000) 3.81 ng/ul

response 110131

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	100.89
106.00	100.60	96.32
0.00	0.00	0.00

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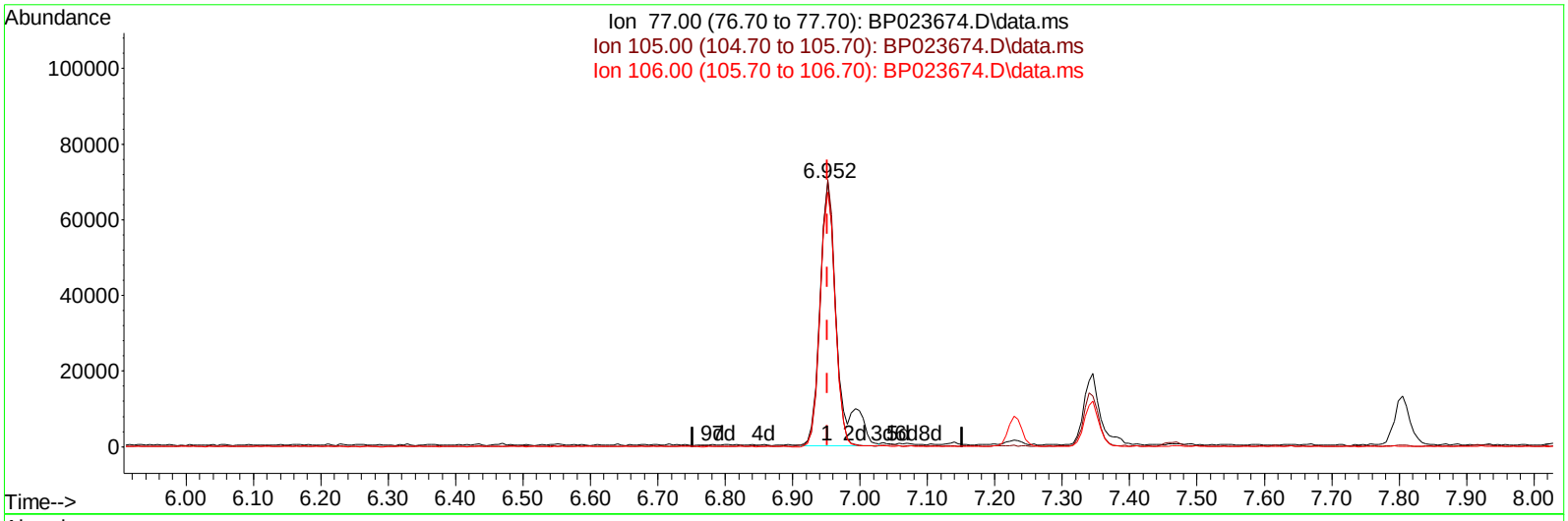

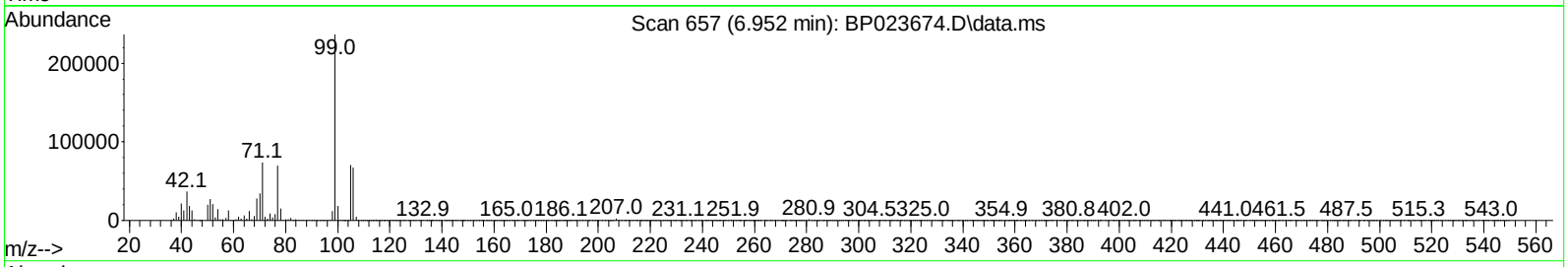

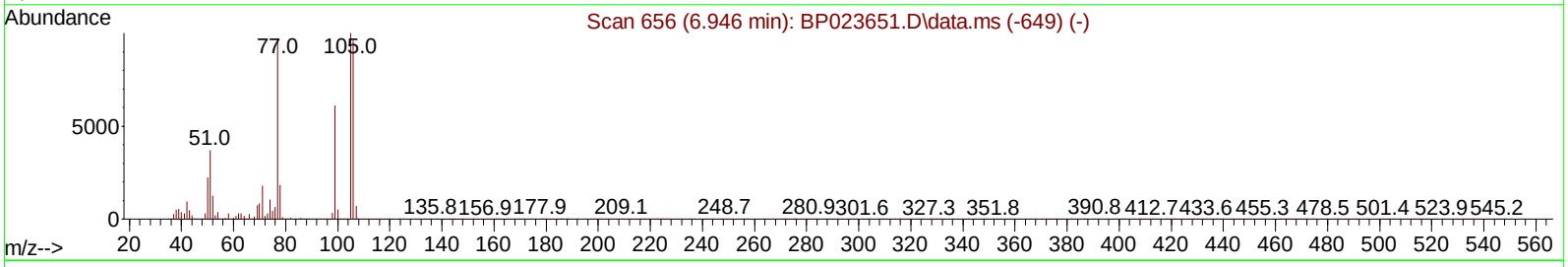

TIC: BP023674.D\data.ms

(6) Benzaldehyde

6.952min (+ 0.000) 4.31 ng/ul m

response 124409

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	100.89
106.00	100.60	96.32
0.00	0.00	0.00

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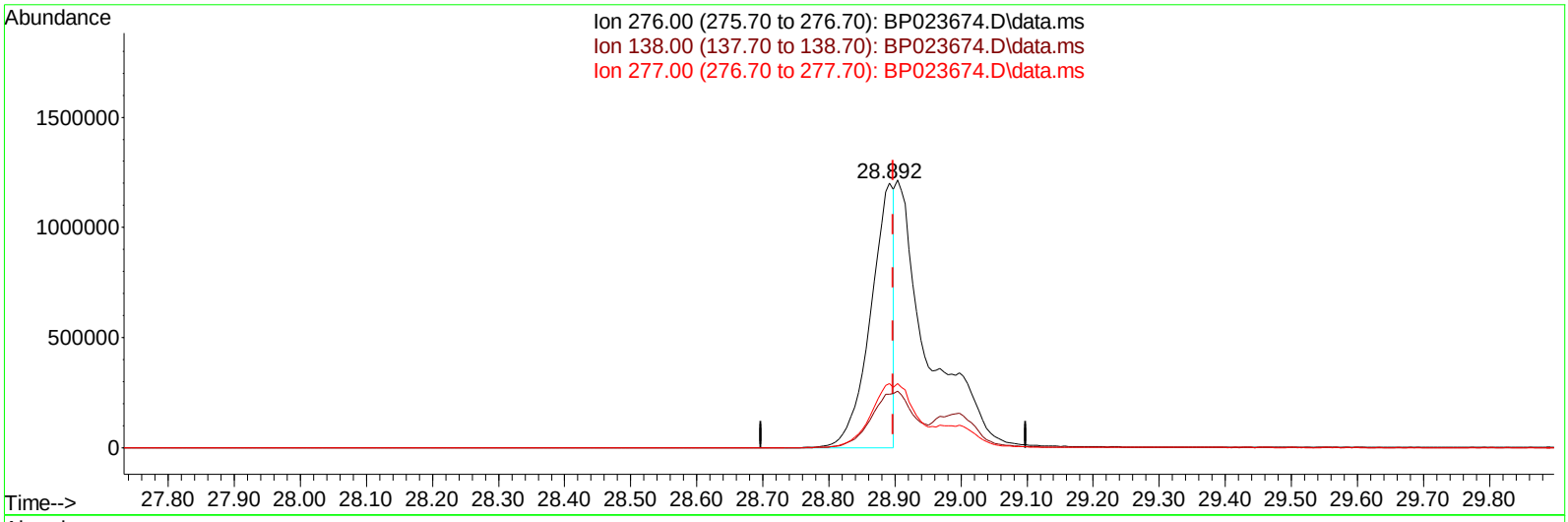

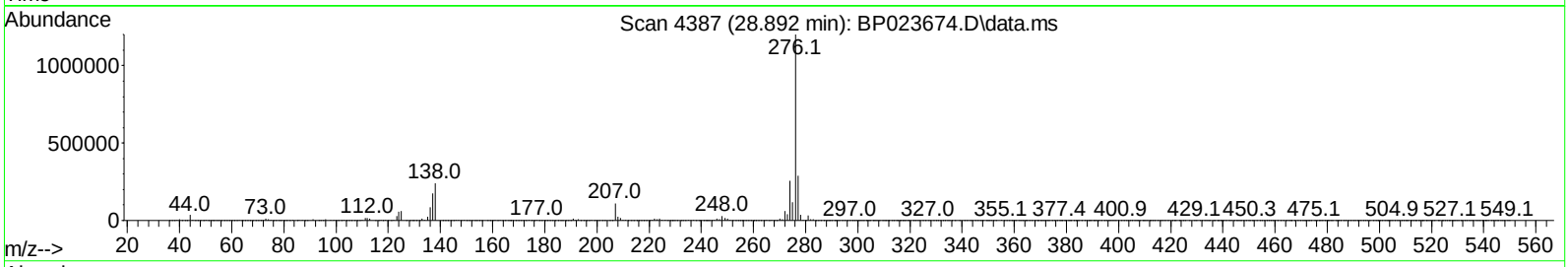

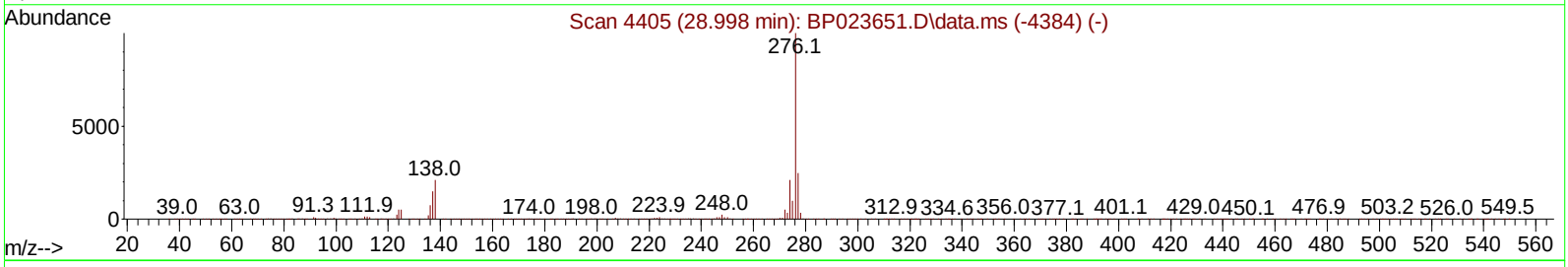

TIC: BP023674.D\data.ms

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

28.892min (-0.006) 11.90 ng/ul

response 2971106

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.17
277.00	24.20	24.21
0.00	0.00	0.00

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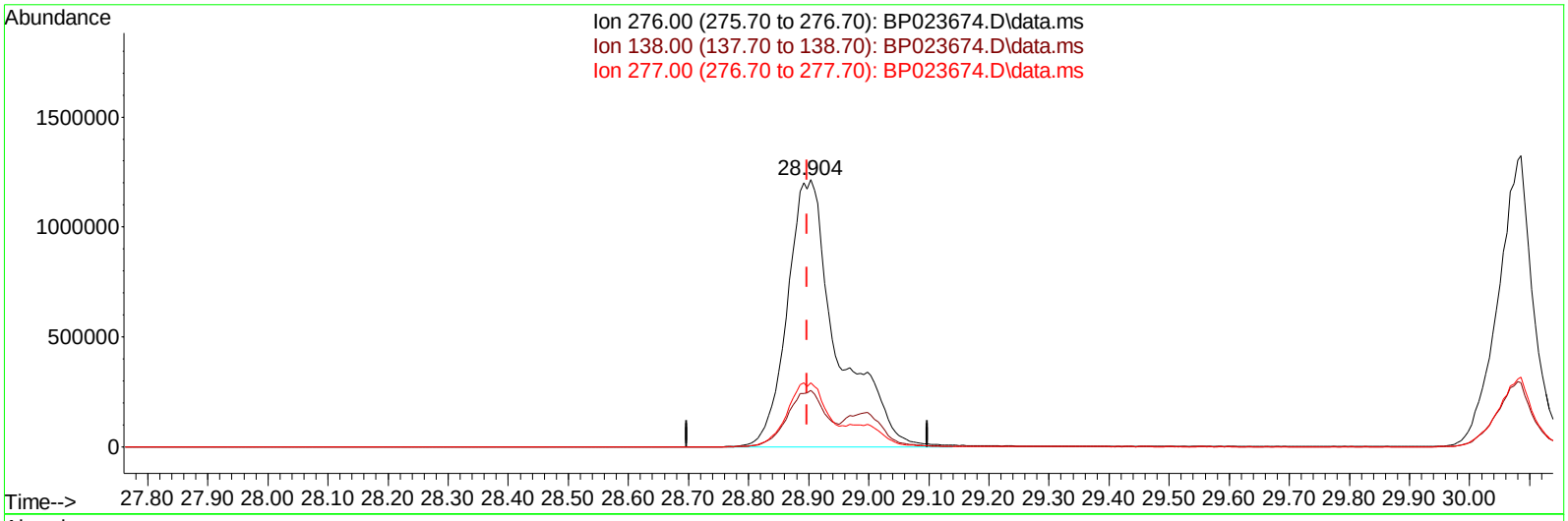

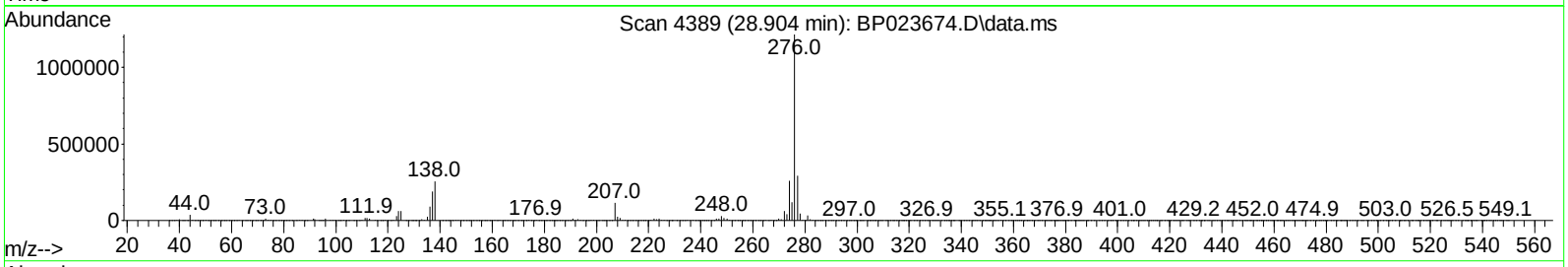

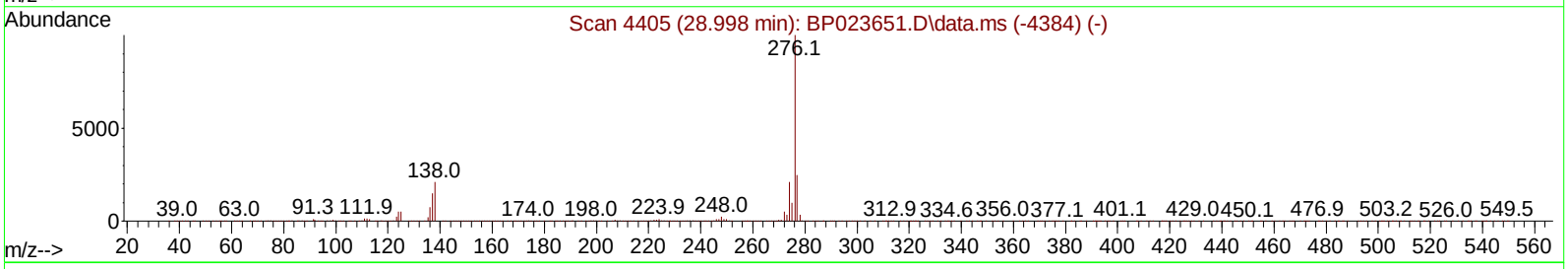

TIC: BP023674.D\data.ms

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

28.904min (+ 0.006) 28.26 ng/ul m

response 7053124

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	21.07
277.00	24.20	24.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	621204	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	2410943	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	1466571	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	2998741	20.000	ng/ul	-0.02
79) Chrysene-d12	21.657	240	3324799	20.000	ng/ul	0.00
88) Perylene-d12	25.051	264	3393821	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	87186	5.175	ng/uL	0.01
4) Pyridine-d5	3.728	84	1277576	27.201	ng/ul	0.01
7) Phenol-d5	6.969	99	1549271	28.968	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	821616	26.225	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	1252301	29.650	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	1189318	28.670	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	546870	29.718	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	505592	41.858	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	1128381	30.713	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	1399290	23.857	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	3089217	27.066	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	3660753	26.961	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	647759	34.143	ng/ul	0.00
60) Fluorene-d10	15.422	176	2687287	27.205	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.534	200	355392	36.424	ng/ul	-0.01
73) Anthracene-d10	17.316	188	4258642	26.308	ng/ul	-0.01
81) Pyrene-d10	19.680	212	5000556	27.149	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.810	264	5235494	28.387	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	178079	9.988	ng/uL	96
5) Pyridine	3.746	79	1288056	27.190	ng/ul	97
6) Benzaldehyde	6.952	77	124409m	4.306	ng/ul	
8) Phenol	6.993	94	1624111	28.489	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.228	93	1182508	26.223	ng/ul	98
12) 2-Chlorophenol	7.375	128	1298174	28.714	ng/ul	98
13) 2-Methylphenol	8.234	108	1155357	27.766	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	1208426	25.869	ng/ul	98
16) Acetophenone	8.616	105	1755622	24.707	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.605	70	823361	23.838	ng/ul	98
18) 4-Methylphenol	8.558	108	1278178	27.946	ng/ul	99
19) Hexachloroethane	8.881	117	487047	26.839	ng/ul	94
22) Nitrobenzene	8.987	77	1238596	27.656	ng/ul	98
23) Isophorone	9.516	82	2309225	25.387	ng/ul	99
25) 2-Nitrophenol	9.693	139	588123	37.124	ng/ul	98
26) 2,4-Dimethylphenol	9.757	107	1258616	28.717	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	1455944	25.507	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	1139531	29.959	ng/ul	99
30) Naphthalene	10.628	128	3714847	26.012	ng/ul	99
32) 4-Chloroaniline	10.734	127	751590	13.390	ng/ul	100
33) Hexachlorobutadiene	10.922	225	664927	26.368	ng/ul	99
34) Caprolactam	11.481	113	359792	25.897	ng/ul	99
35) 4-Chloro-3-methylphenol	11.846	107	1163790	30.021	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.240	142	2506484	25.966	ng/ul	100
37) 1-Methylnaphthalene	12.457	142	2500545	26.081	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	1270631	26.257	ng/ul	99
40) Hexachlorocyclopentadiene	12.593	237	558430	29.894	ng/ul	99
41) 2,4,6-Trichlorophenol	12.840	196	822228	32.640	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	913844	32.620	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	3177734	26.184	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	2472683	26.156	ng/ul	99
45) 2-Nitroaniline	13.487	65	638692	34.156	ng/ul	95
47) Dimethylphthalate	13.875	163	3119668	27.207	ng/ul	99
48) 2,6-Dinitrotoluene	13.987	165	587143	33.333	ng/ul	91
50) Acenaphthylene	14.145	152	3868251	26.293	ng/ul	100
51) 3-Nitroaniline	14.316	138	634105	30.590	ng/ul	95
52) Acenaphthene	14.487	153	2704261	26.240	ng/ul	100
53) 2,4-Dinitrophenol	14.516	184	200869	36.034	ng/ul	91
55) 4-Nitrophenol	14.622	109	481327	32.685	ng/ul	94
56) Dibenzofuran	14.828	168	3715852	26.487	ng/ul	97
57) 2,4-Dinitrotoluene	14.775	165	881865	33.135	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.051	232	724020	33.058	ng/ul	98
59) Diethylphthalate	15.257	149	3121934	27.616	ng/ul	99
61) Fluorene	15.481	166	3190077	27.083	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.481	204	1527572	26.540	ng/ul	98
63) 4-Nitroaniline	15.487	138	799885	36.732	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.551	198	408631	35.191	ng/ul	99
67) N-Nitrosodiphenylamine	15.692	169	2615898	26.053	ng/ul	98
68) 4-Bromophenyl-phenylether	16.387	248	923431	25.833	ng/ul	99
69) Hexachlorobenzene	16.504	284	1121254	25.583	ng/ul	99
70) Atrazine	16.663	200	902836	25.901	ng/ul	99
71) Pentachlorophenol	16.851	266	669237	31.317	ng/ul	98
72) Phenanthrene	17.251	178	4861418	25.857	ng/ul	100
74) Anthracene	17.351	178	5010177	26.559	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	1222532	24.911	ng/uL	99
76) Pentachlorobenzene	14.745	250	1245804	23.963	ng/uL	100
77) Carbazole	17.616	167	4738407	30.244	ng/ul	99
78) Di-n-butylphthalate	18.222	149	5355581	29.433	ng/ul	100
80) Fluoranthene	19.333	202	5731848	27.205	ng/ul	100
82) Pyrene	19.710	202	6336512	27.603	ng/ul	100
83) Butylbenzylphthalate	20.669	149	2348322	38.939	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.551	252	1718449	30.468	ng/ul	99
85) Benzo(a)anthracene	21.639	228	6363003	26.918	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	3539171	34.399	ng/ul	98
87) Chrysene	21.704	228	5931915	26.949	ng/ul	99
89) Di-n-octyl phthalate	22.898	149	5383310	37.685	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	6093262	28.576	ng/ul	99
91) Benzo(k)fluoranthene	24.045	252	6289211	26.916	ng/ul	100
93) Benzo(a)pyrene	24.892	252	5754212	27.432	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.904	276	7053124m	28.260	ng/ul	
95) Dibenzo(a,h)anthracene	28.998	278	5733365	28.345	ng/ul	99
96) Benzo(g,h,i)perylene	30.086	276	5428879	27.728	ng/ul	99

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

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