Quantitation Report (Qedit)

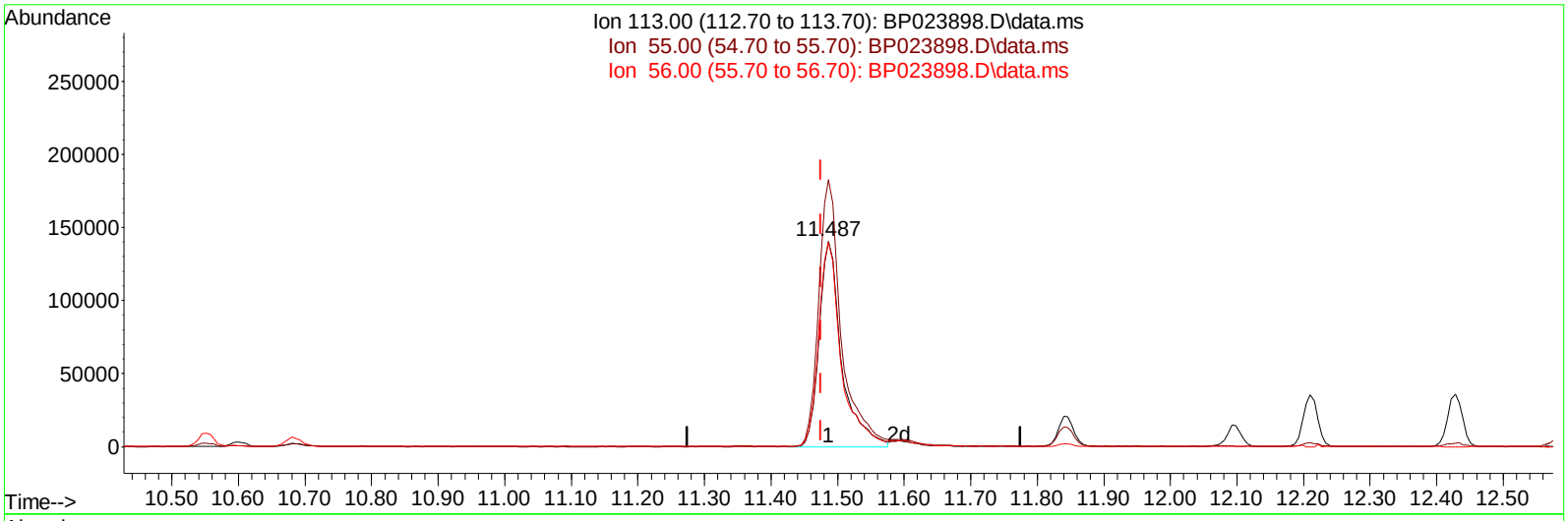
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023898.D
Acq On : 04 Feb 2025 03:23
Operator : RC/JU
Sample : PB166463BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

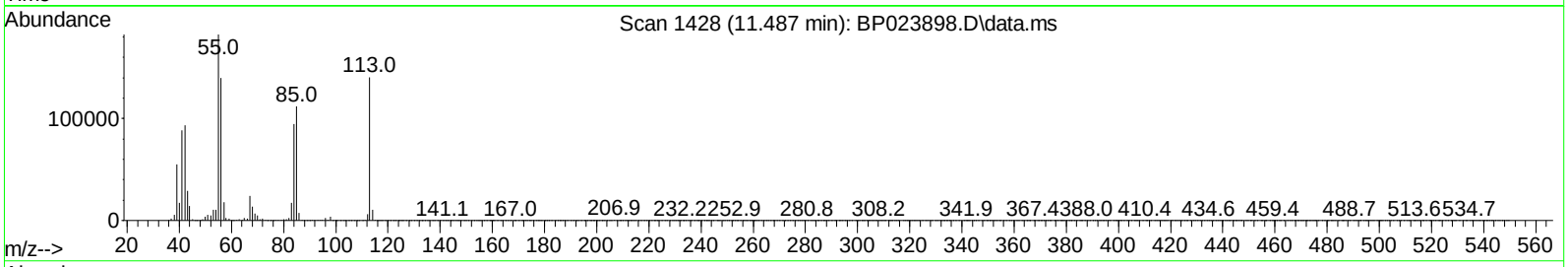
Quant Time: Feb 04 08:04:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

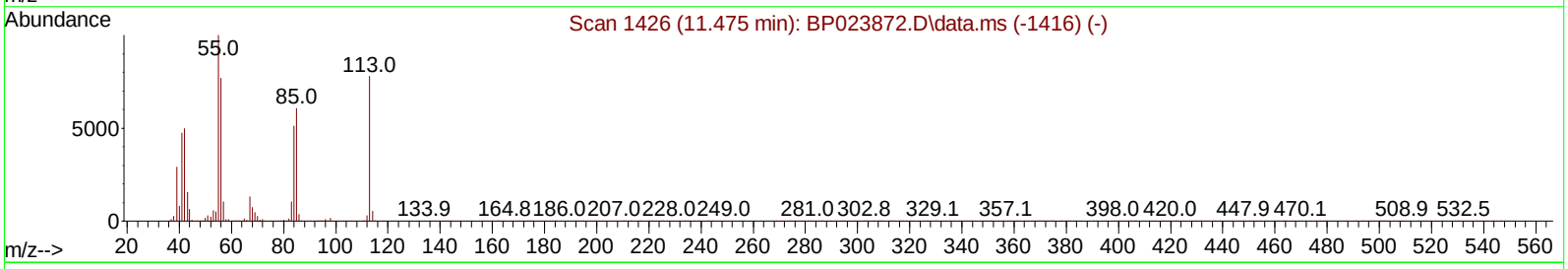
Instrument :
BNA_P
ClientSampleId :
SLCS463

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025







TIC: BP023898.D\data.ms

(34) Caprolactam

11.487min (+ 0.012) 32.57 ng/ul

response 330242

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	129.75
56.00	96.30	99.59
0.00	0.00	0.00

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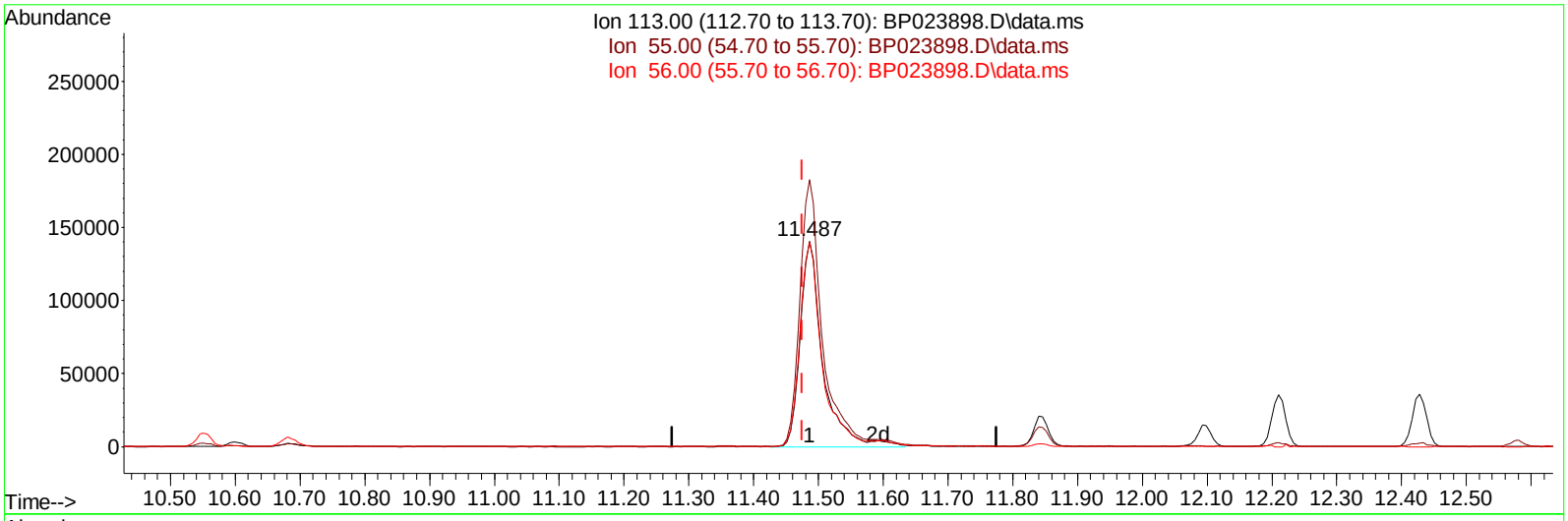

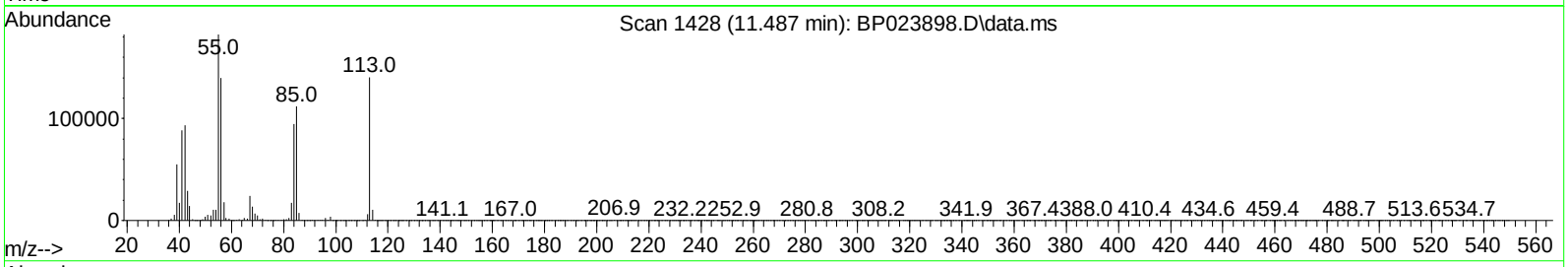

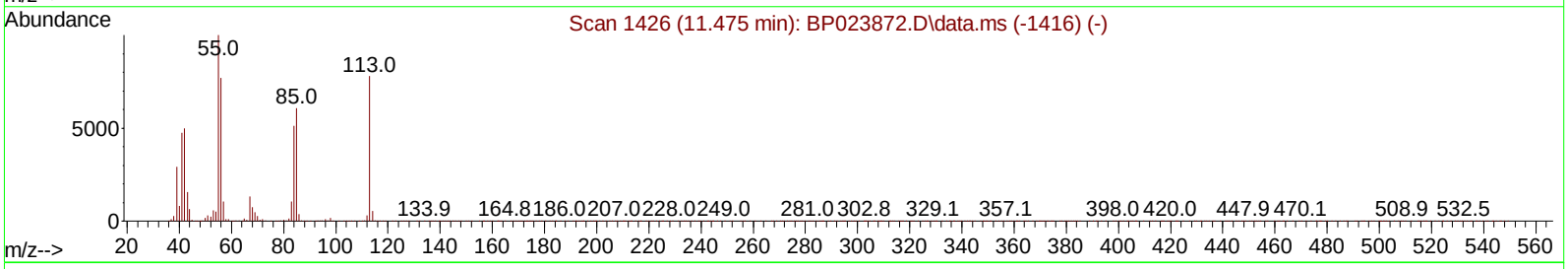

TIC: BP023898.D\data.ms

(34) Caprolactam

11.487min (+ 0.012) 33.58 ng/ul m

response 340447

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	129.75
56.00	96.30	99.59
0.00	0.00	0.00

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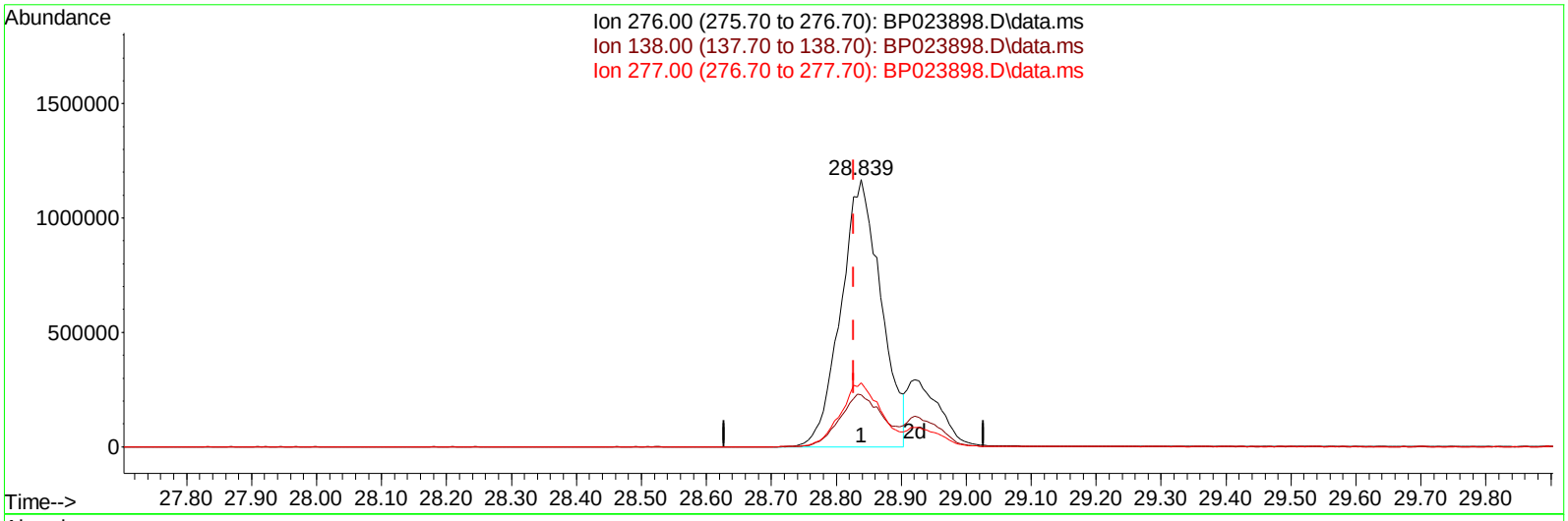

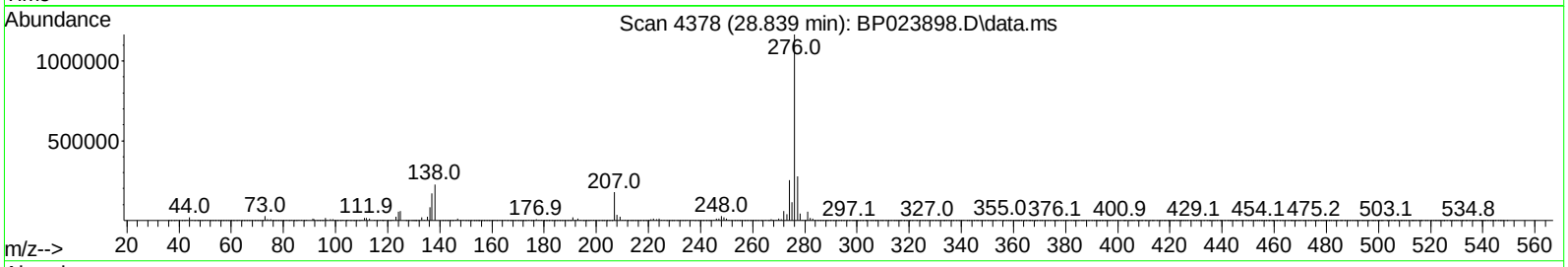

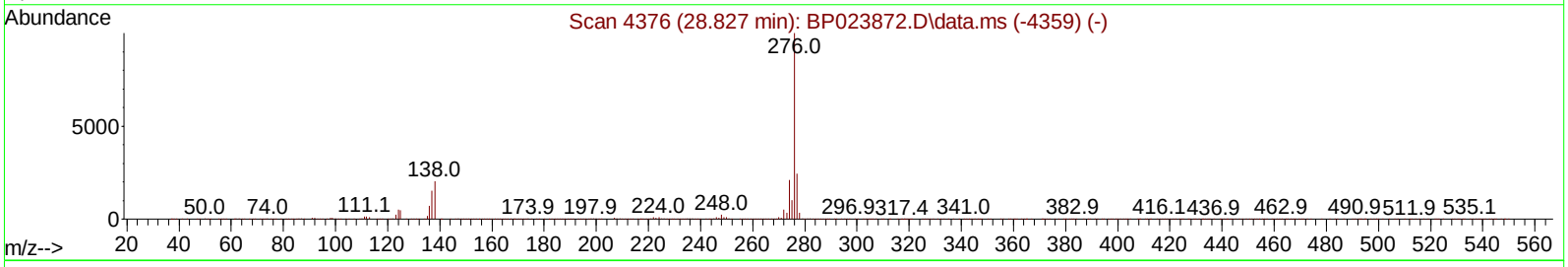

TIC: BP023898.D\data.ms

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

28.839min (+ 0.012) 33.52 ng/ul

response 4993423

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.38
277.00	23.70	23.88
0.00	0.00	0.00

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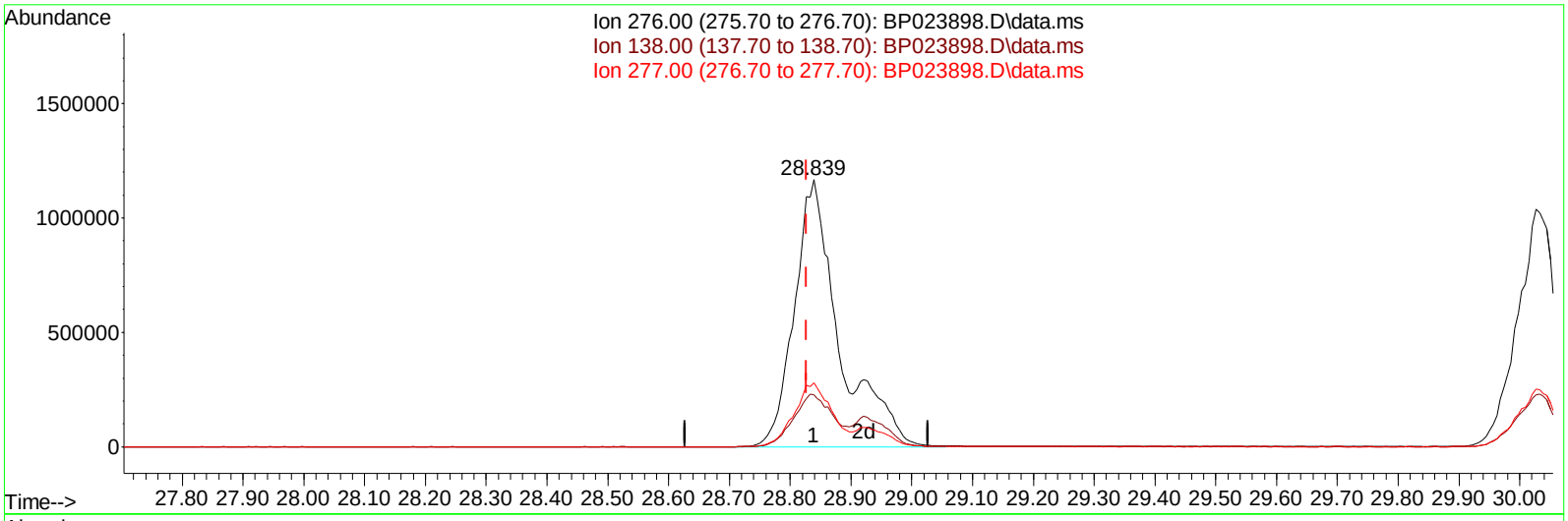

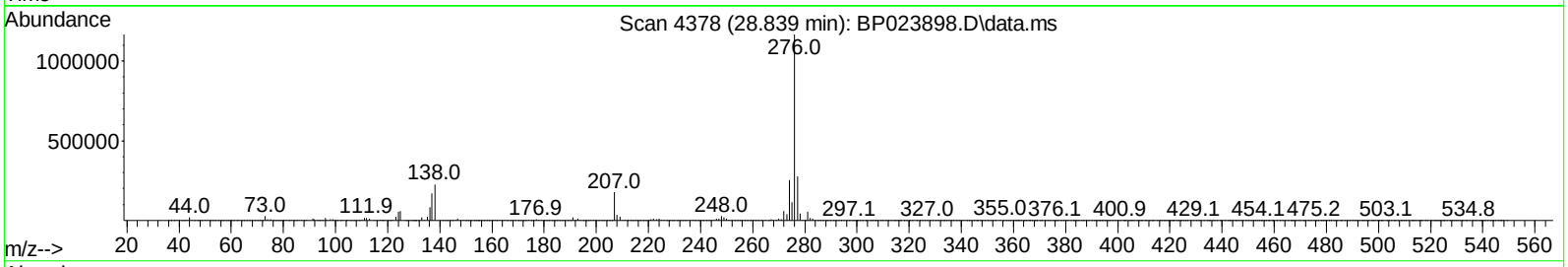

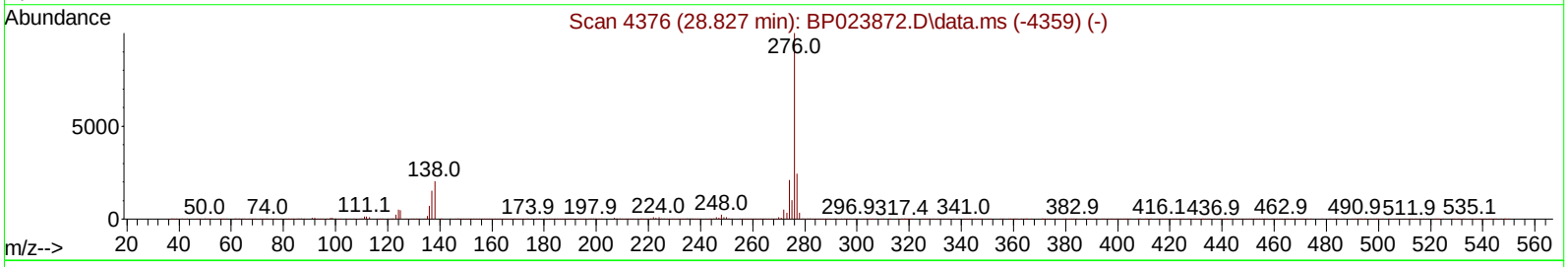

TIC: BP023898.D\data.ms

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

28.839min (+ 0.012) 40.30 ng/ul m

response 6003155

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.38
277.00	23.70	23.88
0.00	0.00	0.00

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Operator : RC/JU
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	370862	20.000	ng/ul	0.00
20) Naphthalene-d8	10.551	136	1629444	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	1022353	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.192	188	1990841	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	2004954	20.000	ng/ul	-0.01
88) Perylene-d12	25.009	264	2028332	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	68066	7.626	ng/uL	0.00
4) Pyridine-d5	3.705	84	1015263	39.418	ng/ul	0.00
7) Phenol-d5	6.963	99	1389717	42.343	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	697095	40.127	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	1099390	42.657	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	1095670	40.867	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	514812	39.490	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	549345	39.053	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	1058497	41.018	ng/ul	0.01
31) 4-Chloroaniline-d4	10.681	131	1193815	30.934	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	2939202	38.543	ng/ul	0.01
49) Acenaphthylene-d8	14.087	160	3458714	40.214	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	591948	39.087	ng/ul	0.00
60) Fluorene-d10	15.404	176	2552726	39.751	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.522	200	457904	37.283	ng/ul	0.01
73) Anthracene-d10	17.292	188	3941294	40.320	ng/ul	0.00
81) Pyrene-d10	19.651	212	4395117	40.912	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.774	264	4360509	41.203	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	137907	14.692	ng/uL	99
5) Pyridine	3.722	79	1007424	39.068	ng/ul	100
6) Benzaldehyde	6.928	77	193041	11.984	ng/ul	100
8) Phenol	6.987	94	1418747	42.099	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.205	93	997205	38.872	ng/ul	99
12) 2-Chlorophenol	7.352	128	1115170	42.000	ng/ul	99
13) 2-Methylphenol	8.222	108	1026527	40.483	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.293	45	1050747	39.701	ng/ul	99
16) Acetophenone	8.587	105	1620652	39.542	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.575	70	770332	39.914	ng/ul	98
18) 4-Methylphenol	8.546	108	1153921	41.015	ng/ul	99
19) Hexachloroethane	8.852	117	405015	38.576	ng/ul	99
22) Nitrobenzene	8.963	77	1134016	40.083	ng/ul	98
23) Isophorone	9.487	82	2154047	37.709	ng/ul	99
25) 2-Nitrophenol	9.669	139	601102	39.177	ng/ul	98
26) 2,4-Dimethylphenol	9.734	107	1000095	35.217	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.963	93	1346842	37.852	ng/ul	100
29) 2,4-Dichlorophenol	10.204	162	1057811	40.422	ng/ul	98
30) Naphthalene	10.598	128	3358023	38.500	ng/ul	100
32) 4-Chloroaniline	10.710	127	782383	21.482	ng/ul	98
33) Hexachlorobutadiene	10.893	225	591225	37.319	ng/ul	100
34) Caprolactam	11.487	113	340447m	33.580	ng/ul	
35) 4-Chloro-3-methylphenol	11.845	107	1104982	39.280	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.210	142	2321687	37.858	ng/ul	100
37) 1-Methylnaphthalene	12.428	142	2299659	37.800	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.581	216	1196690	39.594	ng/ul	99
40) Hexachlorocyclopentadiene	12.563	237	441757	25.938	ng/ul	99
41) 2,4,6-Trichlorophenol	12.822	196	762851	37.786	ng/ul	99
42) 2,4,5-Trichlorophenol	12.898	196	870134	39.987	ng/ul	100
43) 1,1'-Biphenyl	13.222	154	3005195	39.600	ng/ul	100
44) 2-Chloronaphthalene	13.263	162	2372013	40.114	ng/ul	99
45) 2-Nitroaniline	13.463	65	637634	41.433	ng/ul	94
47) Dimethylphthalate	13.845	163	2907173	38.316	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	587451	39.618	ng/ul	99
50) Acenaphthylene	14.116	152	3716892	40.581	ng/ul	99
51) 3-Nitroaniline	14.292	138	619125	37.993	ng/ul	91
52) Acenaphthene	14.463	153	2594337	39.950	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	290343	32.844	ng/ul	99
55) 4-Nitrophenol	14.628	109	442189	41.271	ng/ul	96
56) Dibenzofuran	14.798	168	3512606	39.036	ng/ul	99
57) 2,4-Dinitrotoluene	14.763	165	882090	39.995	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.034	232	662253	35.765	ng/ul	95
59) Diethylphthalate	15.234	149	2898065	38.123	ng/ul	99
61) Fluorene	15.463	166	2984328	39.978	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.457	204	1458021	39.456	ng/ul	99
63) 4-Nitroaniline	15.481	138	745148	46.999	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.534	198	497945	36.876	ng/ul	98
67) N-Nitrosodiphenylamine	15.669	169	2427113	39.946	ng/ul	100
68) 4-Bromophenyl-phenylether	16.363	248	889340	39.595	ng/ul	99
69) Hexachlorobenzene	16.481	284	1032512	37.939	ng/ul	99
70) Atrazine	16.639	200	339018	14.409	ng/ul	98
71) Pentachlorophenol	16.833	266	570337	34.071	ng/ul	99
72) Phenanthrene	17.233	178	4502959	40.052	ng/ul	100
74) Anthracene	17.328	178	4516632	39.836	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.187	216	1162627	39.880	ng/uL	99
76) Pentachlorobenzene	14.722	250	1195568	38.055	ng/uL	100
77) Carbazole	17.604	167	4173532	42.017	ng/ul	99
78) Di-n-butylphthalate	18.192	149	4759691	38.715	ng/ul	99
80) Fluoranthene	19.304	202	5086078	41.102	ng/ul	99
82) Pyrene	19.686	202	5499768	42.501	ng/ul	100
83) Butylbenzylphthalate	20.633	149	2127832	38.184	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.527	252	1489806	34.344	ng/ul	99
85) Benzo(a)anthracene	21.610	228	5253146	39.845	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	3070478	37.764	ng/ul	99
87) Chrysene	21.680	228	4941995	40.681	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	4943882	40.661	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	5159595	41.922	ng/ul	99
91) Benzo(k)fluoranthene	23.998	252	5167852	41.885	ng/ul	100
93) Benzo(a)pyrene	24.851	252	4728023	41.136	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.839	276	6003155m	40.295	ng/ul	
95) Dibenzo(a,h)anthracene	28.927	278	4929331	40.788	ng/ul	100
96) Benzo(g,h,i)perylene	30.027	276	4671429	40.937	ng/ul	99

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

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