Quantitation Report (Qedit)

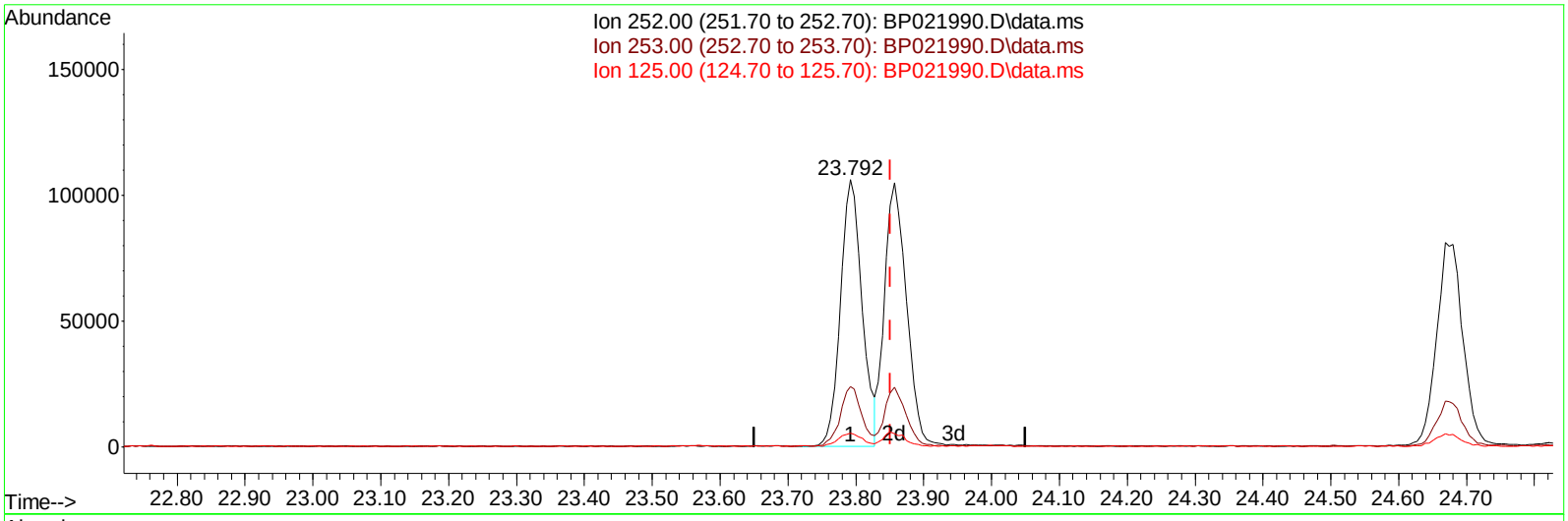
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP021990.D
Acq On : 24 Sep 2024 10:53
Operator : RC/JU
Sample : SSTD00537
Misc :
ALS Vial : 2 Sample Multiplier: 1

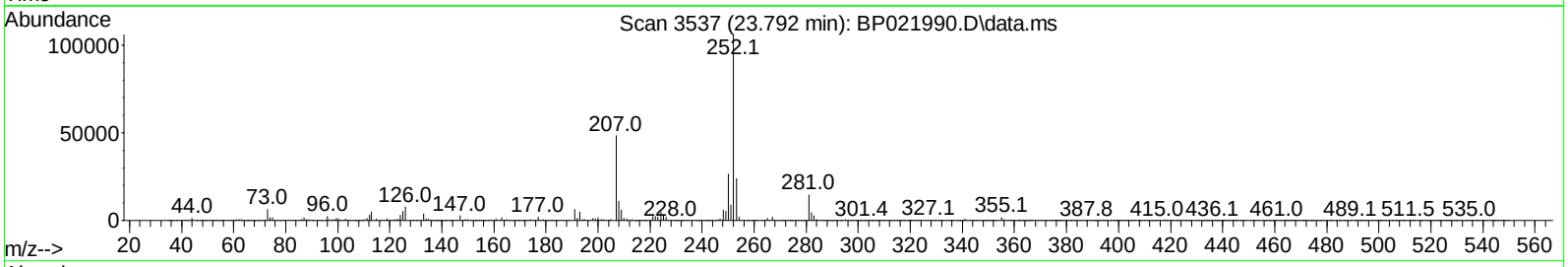
Quant Time: Sep 24 15:08:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:01:38 2024
Response via : Initial Calibration

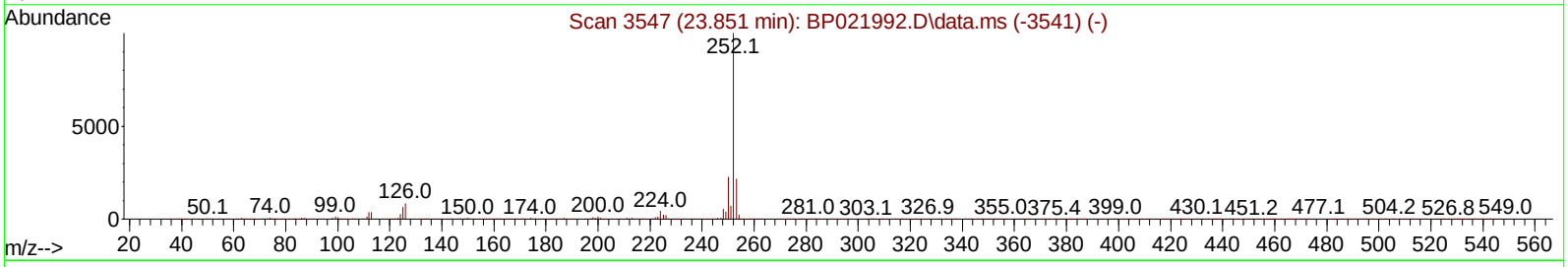
Instrument :
BNA_P
ClientSampleId :
SSTD005615

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/28/2024







TIC: BP021990.D\data.ms

(91) Benzo(k)fluoranthene

23.792min (-0.059) 4.46 ng/ul

response 234839

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.62
125.00	6.30	5.13
0.00	0.00	0.00

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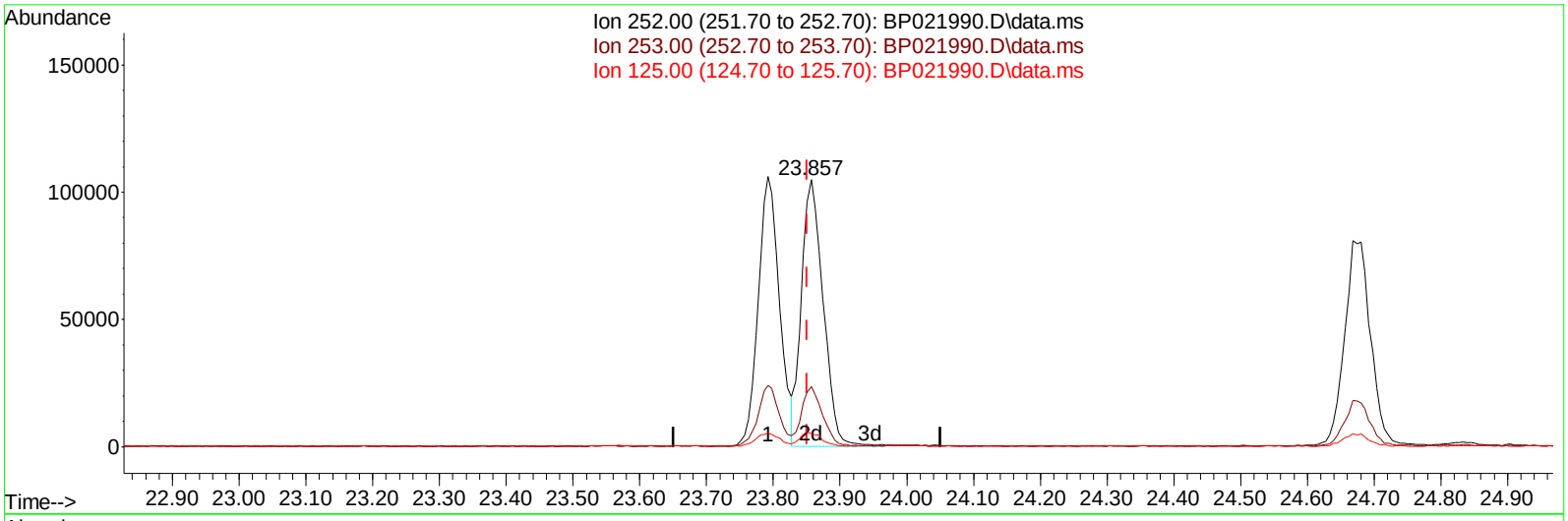

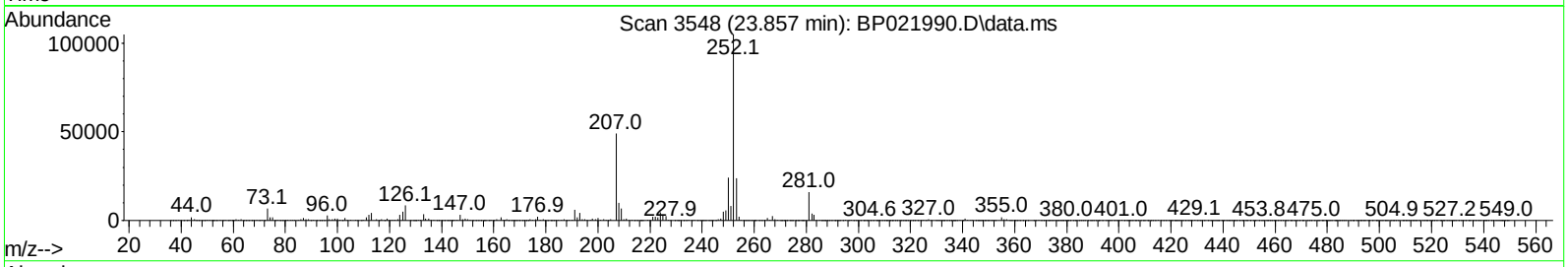

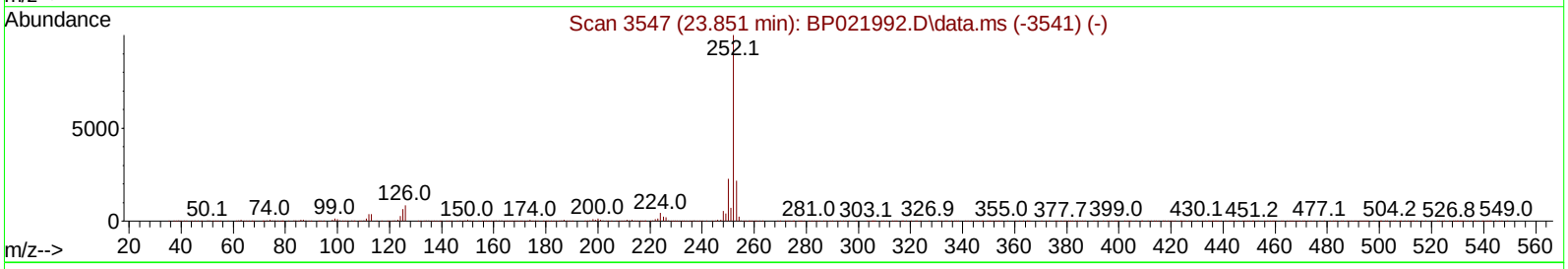

TIC: BP021990.D\data.ms

(91) Benzo(k)fluoranthene

23.857min (+ 0.006) 4.49 ng/ul m

response 236819

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.65
125.00	6.30	4.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

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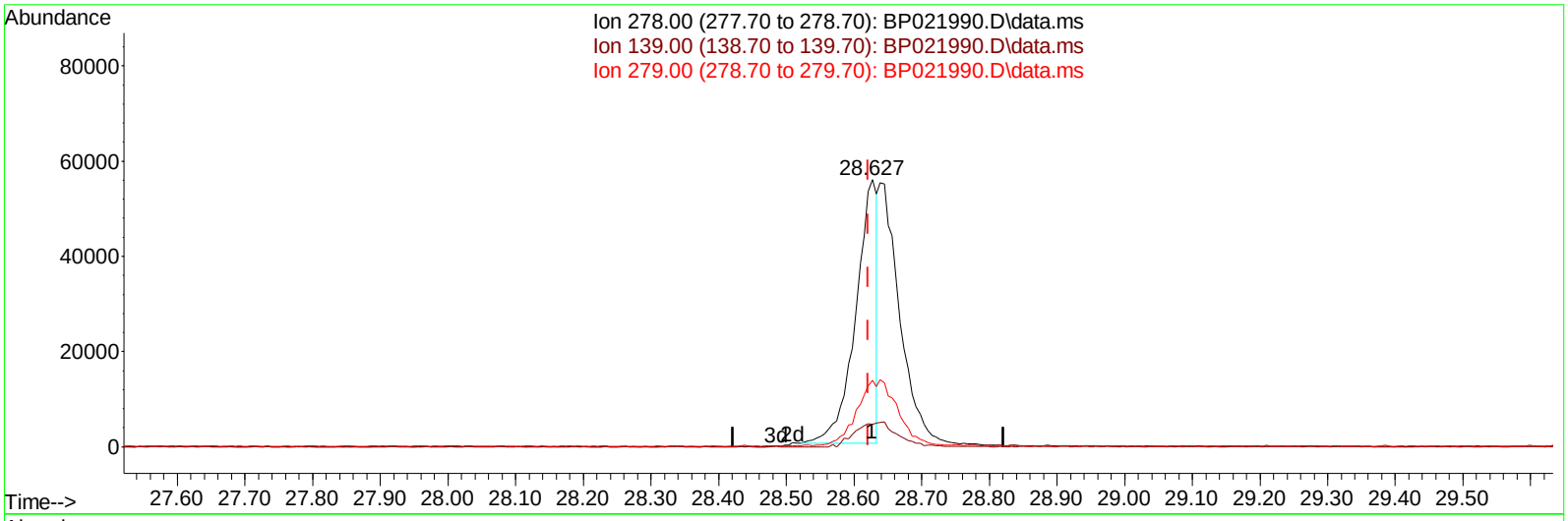

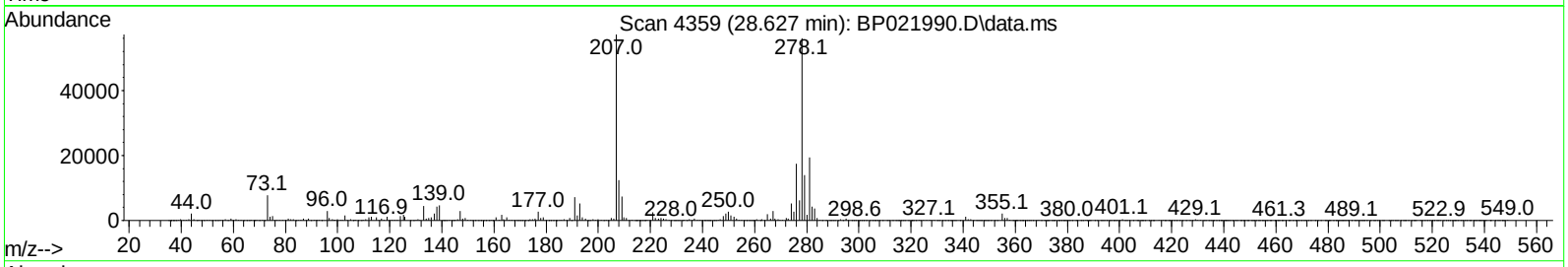

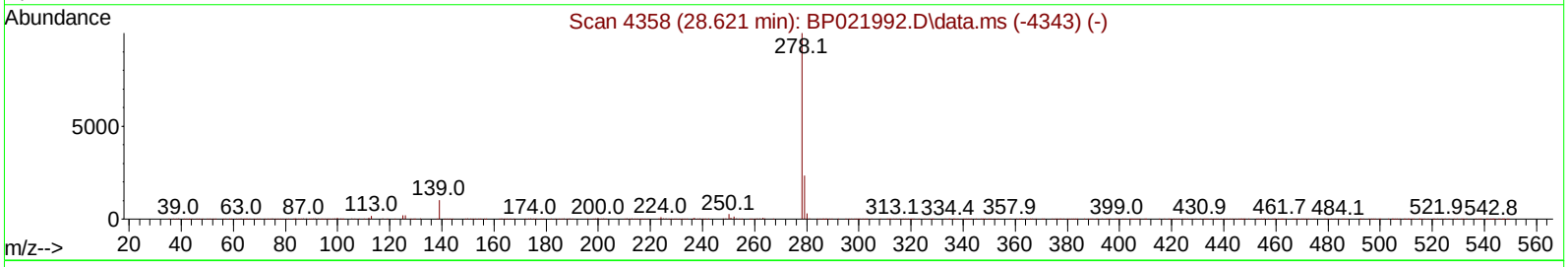

TIC: BP021990.D\data.ms

(95) Dibenzo(a,h)anthracene

28.627min (+ 0.006) 2.36 ng/ul

response 121015

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	10.00	8.38
279.00	23.20	24.84
0.00	0.00	0.00

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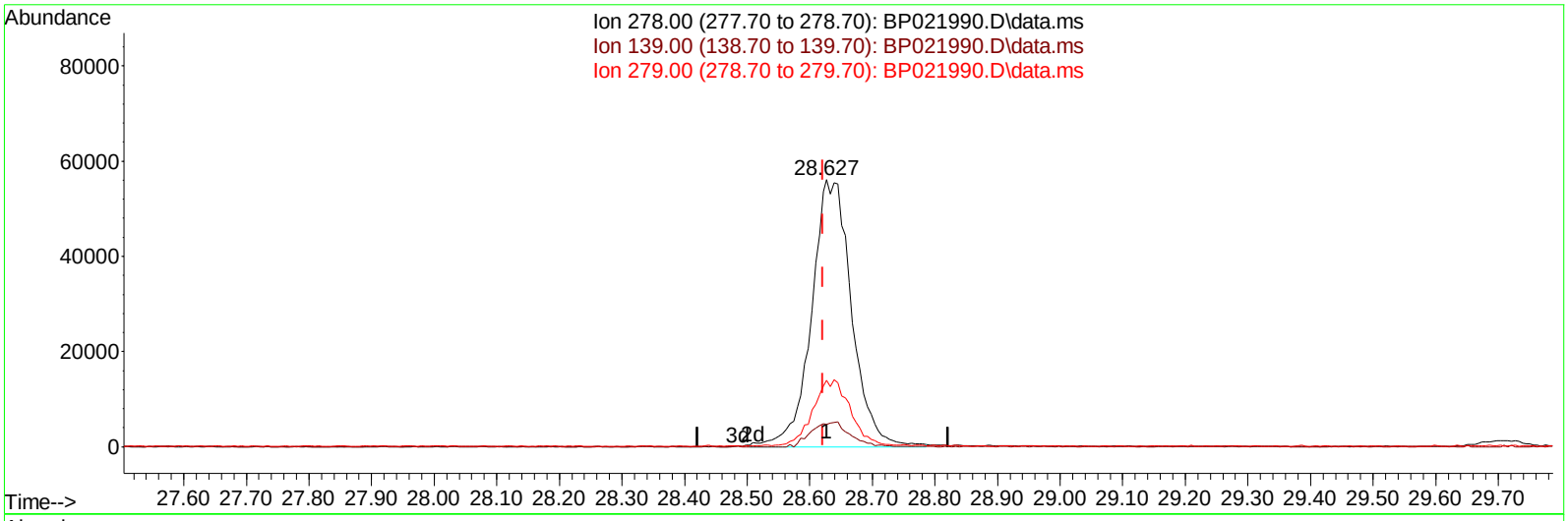

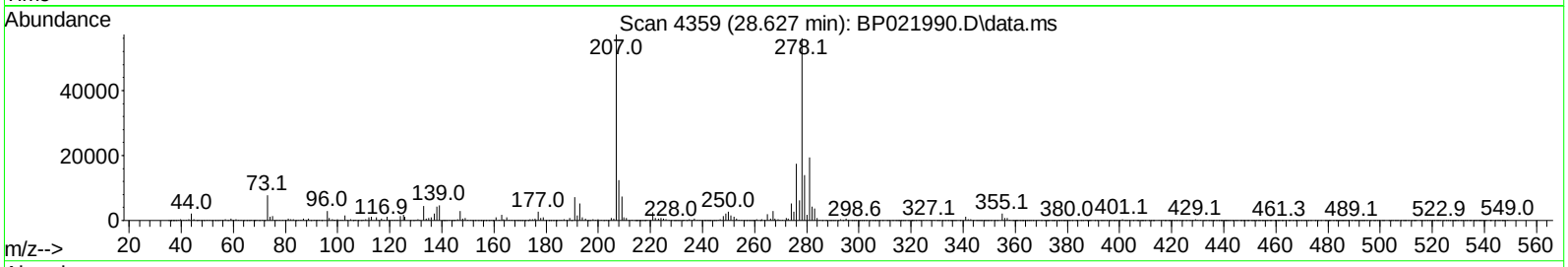

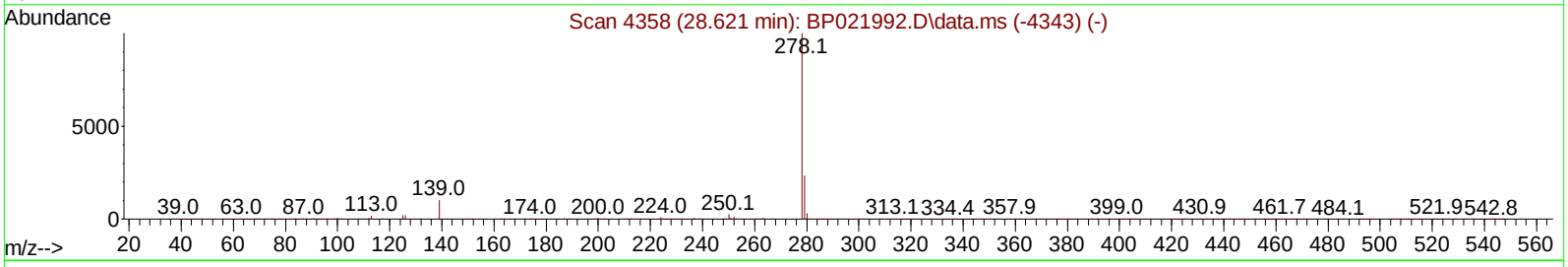

TIC: BP021990.D\data.ms

(95) Dibenzo(a,h)anthracene

28.627min (+ 0.006) 4.86 ng/ul m

response 248839

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	10.00	8.38
279.00	23.20	24.84
0.00	0.00	0.00

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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	7.711	152	70668	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	249787	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	194633	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	500412	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	655215	20.000	ng/ul	0.00
88) Perylene-d12	24.833	264	852770	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	3562	1.974	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.252	132	18344	4.386	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.846	128	8302	4.441	ng/ul	0.00
24) 2-Nitrophenol-d4	9.558	143	9000	4.246	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	20361	4.423	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.722	166	68556	4.557	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	69876	4.387	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.334	176	62112	4.667	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.210	188	112340	4.809	ng/ul	0.00
81) Pyrene-d10	19.598	212	147100	4.333	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.610	264	196989	4.392	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	3962	2.027	ng/uL#	89
12) 2-Chlorophenol	7.281	128	19488	4.495	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.499	70	16913	4.282	ng/ul	98
19) Hexachloroethane	8.781	117	9887	4.831	ng/ul	86
22) Nitrobenzene	8.887	77	27117	4.744	ng/ul	93
23) Isophorone	9.411	82	43559	4.400	ng/ul	97
25) 2-Nitrophenol	9.587	139	9479	4.179	ng/ul#	86
26) 2,4-Dimethylphenol	9.652	107	24017	4.674	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.881	93	25801	4.521	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	20727	4.532	ng/ul	98
30) Naphthalene	10.516	128	63182	4.807	ng/ul	99
33) Hexachlorobutadiene	10.805	225	20413	5.027	ng/ul	94
35) 4-Chloro-3-methylphenol	11.752	107	21258	4.296	ng/ul	99
36) 2-Methylnaphthalene	12.128	142	44570	4.563	ng/ul	92
37) 1-Methylnaphthalene	12.346	142	45455	4.614	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.499	216	34251	4.746	ng/ul	96
41) 2,4,6-Trichlorophenol	12.740	196	19016	4.408	ng/ul	95
42) 2,4,5-Trichlorophenol	12.810	196	20859	4.465	ng/ul	99
43) 1,1'-Biphenyl	13.140	154	65527	4.708	ng/ul	98
44) 2-Chloronaphthalene	13.187	162	52976	4.727	ng/ul	97
45) 2-Nitroaniline	13.387	65	12845	3.964	ng/ul	92
47) Dimethylphthalate	13.769	163	71702	4.745	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	11664	4.026	ng/ul	97

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 09/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.034	152	75099	4.521	ng/ul	98
52) Acenaphthene	14.381	153	57108	4.731	ng/ul	98
56) Dibenzofuran	14.722	168	85453	4.762	ng/ul	100
57) 2,4-Dinitrotoluene	14.687	165	18665	4.181	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	14.957	232	20392	4.535	ng/ul#	98
59) Diethylphthalate	15.151	149	68868	4.605	ng/ul	98
61) Fluorene	15.387	166	72824	4.880	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.381	204	42534	4.951	ng/ul	97
67) N-Nitrosodiphenylamine	15.598	169	60887	4.620	ng/ul	97
68) 4-Bromophenyl-phenylether	16.293	248	28042	4.666	ng/ul	96
69) Hexachlorobenzene	16.410	284	34493	4.727	ng/ul	97
72) Phenanthrene	17.157	178	124751	4.755	ng/ul	99
74) Anthracene	17.245	178	128597	4.816	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.110	216	34280	4.565	ng/uL	98
76) Pentachlorobenzene	14.640	250	40573	4.913	ng/uL	98
78) Di-n-butylphthalate	18.134	149	122961	4.532	ng/ul	99
80) Fluoranthene	19.251	202	165222	4.258	ng/ul	97
82) Pyrene	19.634	202	184213	4.411	ng/ul	96
83) Butylbenzylphthalate	20.575	149	59135	4.063	ng/ul	98
85) Benzo(a)anthracene	21.528	228	212849	4.714	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.475	149	90448	4.236	ng/ul	97
87) Chrysene	21.592	228	206102	4.863	ng/ul	98
90) Benzo(b)fluoranthene	23.792	252	234839	4.436	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	236819m	4.493	ng/ul	
93) Benzo(a)pyrene	24.669	252	217386	4.457	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.562	276	304233	4.783	ng/ul	97
95) Dibenzo(a,h)anthracene	28.627	278	248839m	4.857	ng/ul	
96) Benzo(g,h,i)perylene	29.715	276	235156	4.765	ng/ul	99

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

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