Quantitation Report (Qedit)

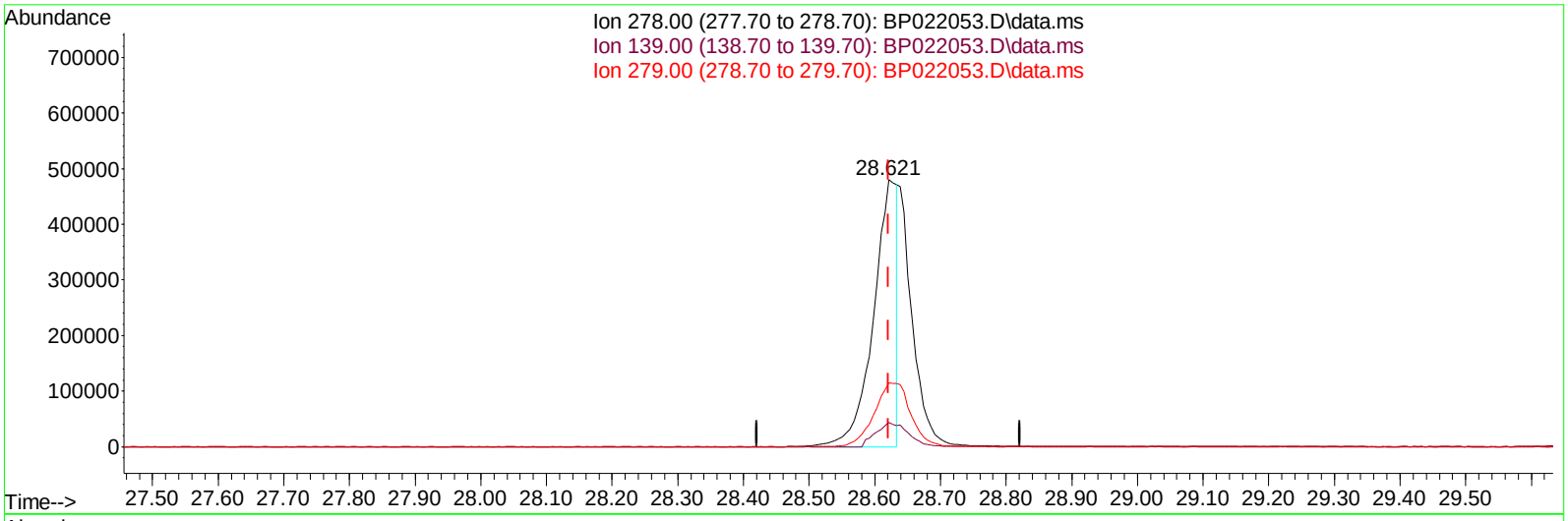
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022053.D
Acq On : 26 Sep 2024 08:23
Operator : RC/JU
Sample : PB163459BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

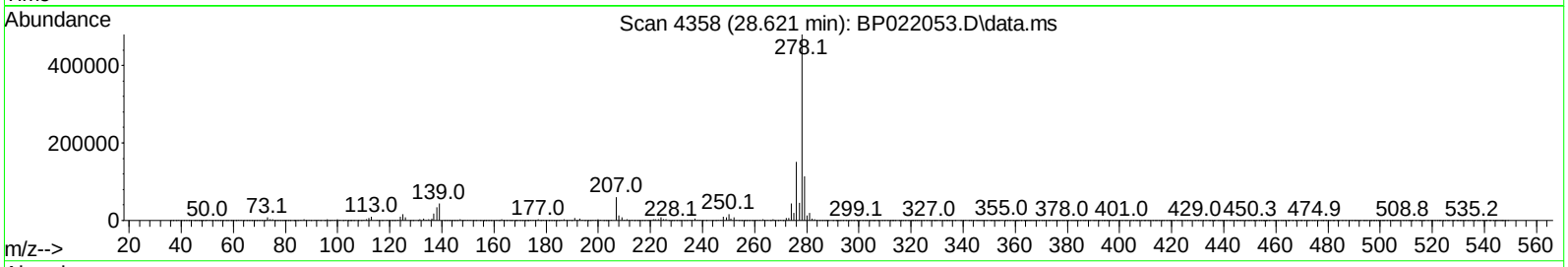
Quant Time: Sep 26 08:55:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

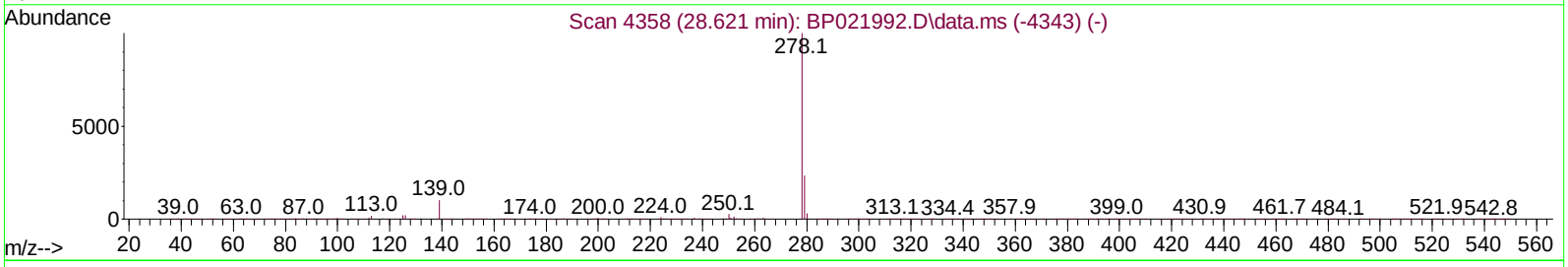
Instrument :
BNA_P
ClientSampleId :
SLCS459

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024







TIC: BP022053.D\data.ms

(95) Dibenzo(a,h)anthracene

28.621min (+ 0.000) 21.48 ng/ul

response 1196406

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	10.00	9.14
279.00	23.20	23.90
0.00	0.00	0.00

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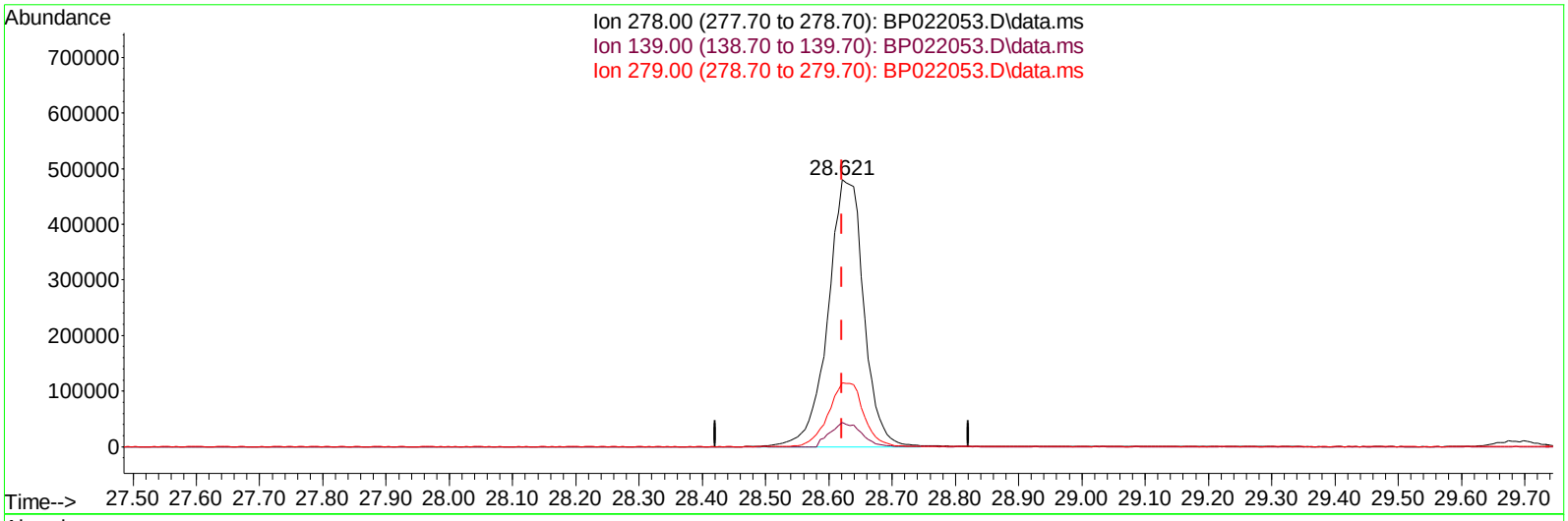

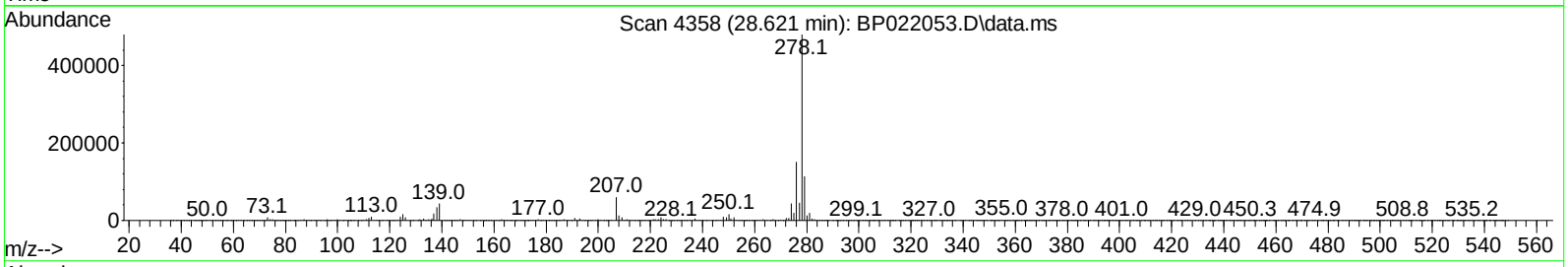

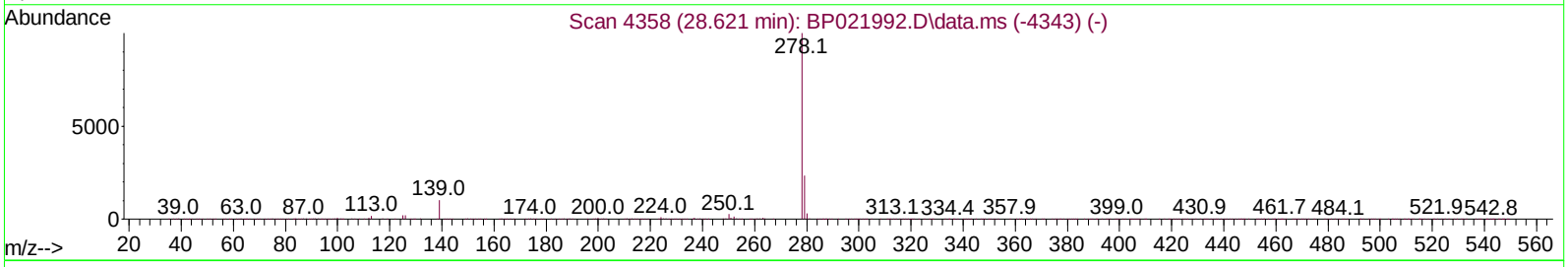

TIC: BP022053.D\data.ms

(95) Dibenzo(a,h)anthracene

28.621min (+ 0.000) 33.76 ng/ul m

response 1880282

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	10.00	9.14
279.00	23.20	23.90
0.00	0.00	0.00

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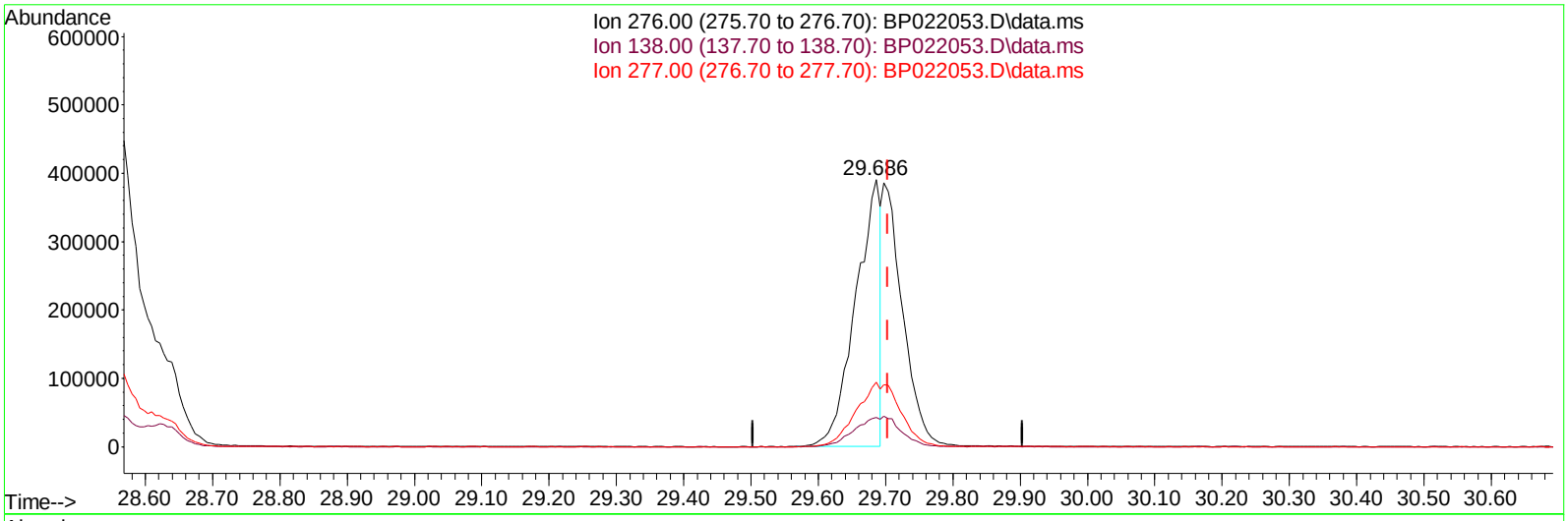

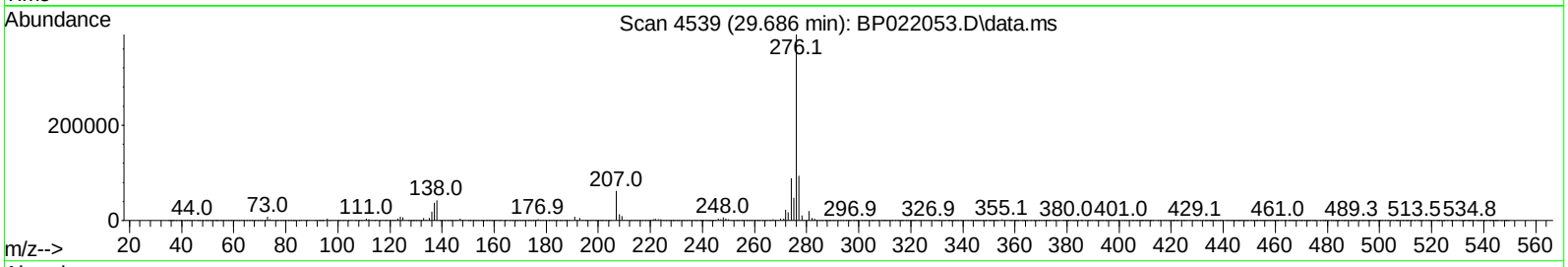

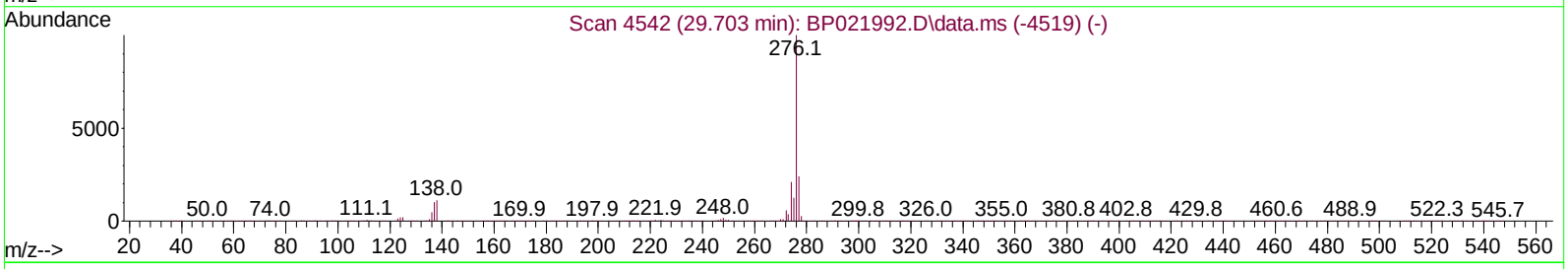

TIC: BP022053.D\data.ms

(96) Benzo(g,h,i)perylene

29.686min (-0.017) 18.62 ng/ul

response 998929

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	10.97
277.00	23.90	24.24
0.00	0.00	0.00

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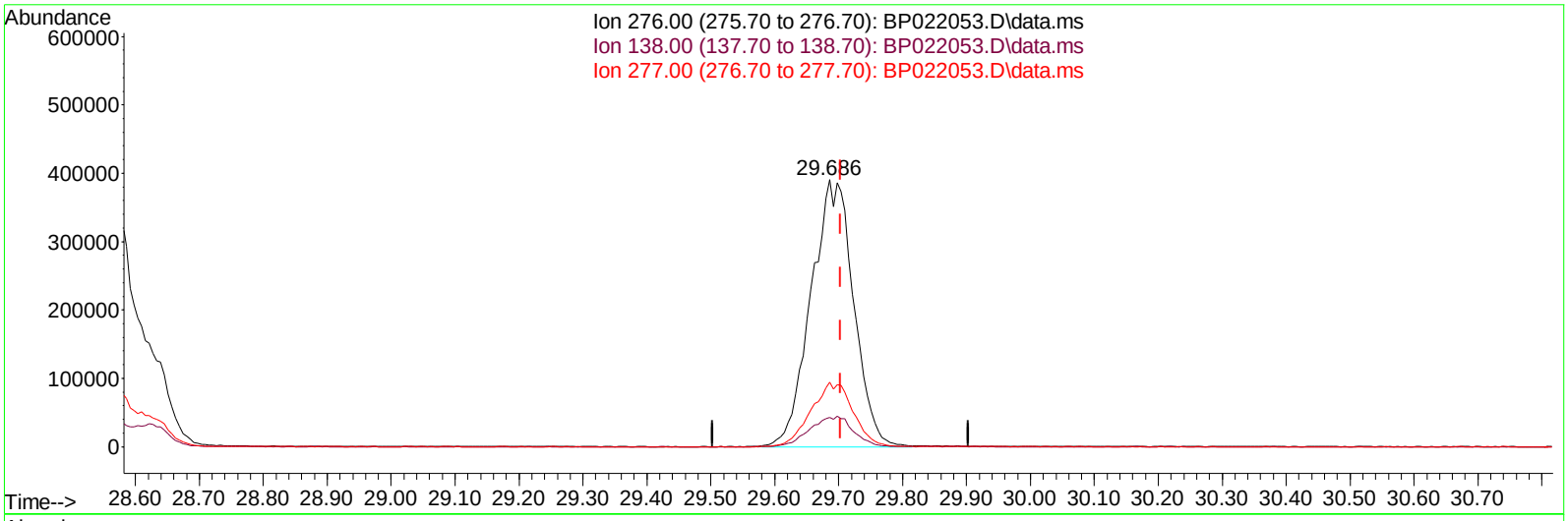

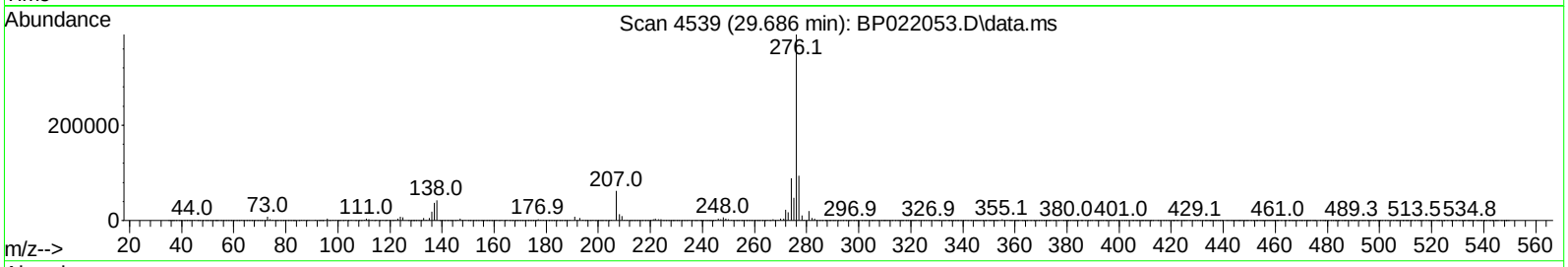

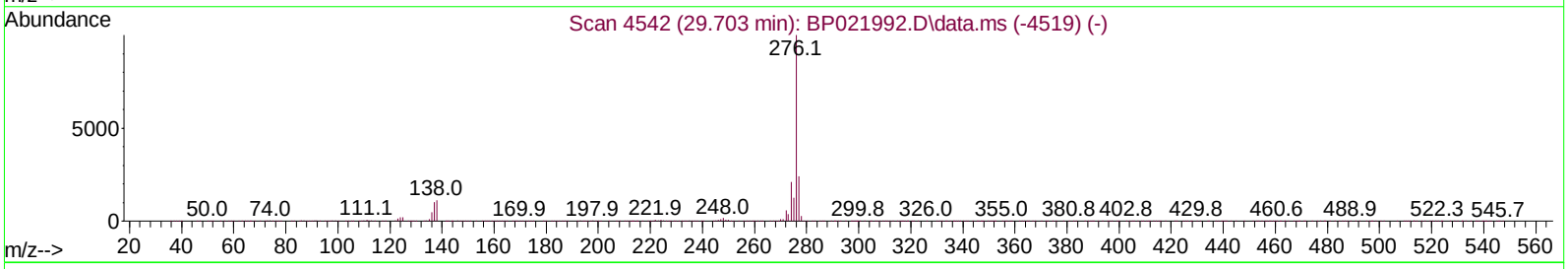

TIC: BP022053.D\data.ms

(96) Benzo(g,h,i)perylene

29.686min (-0.017) 33.57 ng/ul m

response 1800730

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	10.97
277.00	23.90	24.24
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	80023	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	324688	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	267544	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	679347	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	804790	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	927039	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	12827	6.279	ng/uL	0.00
4) Pyridine-d5	3.628	84	174329	29.852	ng/ul	0.00
7) Phenol-d5	6.887	99	215221	32.879	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	128910	31.982	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	163145	34.447	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	175402	33.816	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	82625	34.000	ng/ul	0.00
24) 2-Nitrophenol-d4	9.558	143	98408	35.714	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	208483	34.841	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	230644	32.304	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	705340	34.105	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	758929	34.660	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	114403	32.339	ng/ul	0.00
60) Fluorene-d10	15.334	176	632263	34.561	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	135985	32.242	ng/ul	0.00
73) Anthracene-d10	17.216	188	1075348	33.907	ng/ul	0.00
81) Pyrene-d10	19.592	212	1462338	35.073	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.598	264	1713707	35.146	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	25745	11.633	ng/uL	98
5) Pyridine	3.652	79	170865	28.799	ng/ul	98
6) Benzaldehyde	6.858	77	140687	37.993	ng/ul	99
8) Phenol	6.917	94	223475	32.714	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.134	93	164936	31.545	ng/ul	99
12) 2-Chlorophenol	7.275	128	163490	33.298	ng/ul	98
13) 2-Methylphenol	8.146	108	161668	32.631	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	148827	30.684	ng/ul	99
16) Acetophenone	8.516	105	286394	33.193	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.505	70	153378	34.290	ng/ul	97
18) 4-Methylphenol	8.469	108	182224	33.728	ng/ul	95
19) Hexachloroethane	8.769	117	76105	32.836	ng/ul	98
22) Nitrobenzene	8.887	77	244022	32.843	ng/ul	99
23) Isophorone	9.410	82	420114	32.644	ng/ul	97
25) 2-Nitrophenol	9.587	139	101551	34.444	ng/ul	93
26) 2,4-Dimethylphenol	9.652	107	172424	25.817	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.881	93	235348	31.724	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	204634	34.421	ng/ul	99
30) Naphthalene	10.516	128	565027	33.073	ng/ul	98
32) 4-Chloroaniline	10.622	127	209653	29.649	ng/ul	97
33) Hexachlorobutadiene	10.805	225	178475	33.813	ng/ul	98
34) Caprolactam	11.399	113	65437	36.285	ng/ul	91
35) 4-Chloro-3-methylphenol	11.746	107	224040	34.834	ng/ul	99

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SLCS459

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 09/28/2024

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.122	142	430645	33.919	ng/ul	97
37)	1-Methylnaphthalene	12.346	142	434814	33.958	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.493	216	326549	32.920	ng/ul	99
40)	Hexachlorocyclopentadiene	12.475	237	172811	27.697	ng/ul	97
41)	2,4,6-Trichlorophenol	12.734	196	206002	34.740	ng/ul	99
42)	2,4,5-Trichlorophenol	12.810	196	224320	34.933	ng/ul	97
43)	1,1'-Biphenyl	13.140	154	617681	32.285	ng/ul	99
44)	2-Chloronaphthalene	13.181	162	507915	32.972	ng/ul	99
45)	2-Nitroaniline	13.387	65	159561	35.822	ng/ul	96
47)	Dimethylphthalate	13.769	163	689003	33.169	ng/ul	99
48)	2,6-Dinitrotoluene	13.887	165	138135	34.688	ng/ul	95
50)	Acenaphthylene	14.040	152	756752	33.141	ng/ul	98
51)	3-Nitroaniline	14.222	138	122735	33.853	ng/ul	98
52)	Acenaphthene	14.381	153	548357	33.051	ng/ul	98
53)	2,4-Dinitrophenol	14.434	184	81660	30.138	ng/ul	96
55)	4-Nitrophenol	14.551	109	140326	35.062	ng/ul	92
56)	Dibenzofuran	14.722	168	824042	33.407	ng/ul	99
57)	2,4-Dinitrotoluene	14.693	165	221180	36.042	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	14.963	232	216285	34.991	ng/ul	99
59)	Diethylphthalate	15.151	149	700526	34.076	ng/ul	98
61)	Fluorene	15.387	166	696023	33.930	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.381	204	405656	34.348	ng/ul	98
63)	4-Nitroaniline	15.398	138	140485	38.072	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.463	198	144077	31.377	ng/ul	98
67)	N-Nitrosodiphenylamine	15.598	169	596492	33.337	ng/ul	99
68)	4-Bromophenyl-phenylether	16.298	248	284055	34.818	ng/ul	98
69)	Hexachlorobenzene	16.416	284	350930	35.426	ng/ul	97
70)	Atrazine	16.581	200	243148	30.463	ng/ul	98
71)	Pentachlorophenol	16.763	266	220994	33.437	ng/ul	99
72)	Phenanthrene	17.157	178	1223466	34.348	ng/ul	100
74)	Anthracene	17.257	178	1178959	32.525	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.104	216	323678	31.751	ng/uL	97
76)	Pentachlorobenzene	14.646	250	366522	32.694	ng/uL	99
77)	Carbazole	17.539	167	1077063	33.714	ng/ul	100
78)	Di-n-butylphthalate	18.128	149	1279487	34.739	ng/ul	100
80)	Fluoranthene	19.245	202	1621109	34.017	ng/ul	100
82)	Pyrene	19.622	202	1722880	33.587	ng/ul	96
83)	Butylbenzylphthalate	20.569	149	616234	34.470	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.439	252	568019	30.826	ng/ul	99
85)	Benzo(a)anthracene	21.522	228	1868721	33.693	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.457	149	912695	34.797	ng/ul	99
87)	Chrysene	21.586	228	1753355	33.685	ng/ul	100
89)	Di-n-octyl phthalate	22.710	149	1532993	33.474	ng/ul	100
90)	Benzo(b)fluoranthene	23.786	252	1994674	34.661	ng/ul	99
91)	Benzo(k)fluoranthene	23.851	252	1954017	34.068	ng/ul	98
93)	Benzo(a)pyrene	24.669	252	1808016	34.096	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.557	276	2342863	33.886	ng/ul	99
95)	Dibenzo(a,h)anthracene	28.621	278	1880282m	33.759	ng/ul	
96)	Benzo(g,h,i)perylene	29.686	276	1800730m	33.565	ng/ul	

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

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