Quantitation Report (Qedit)

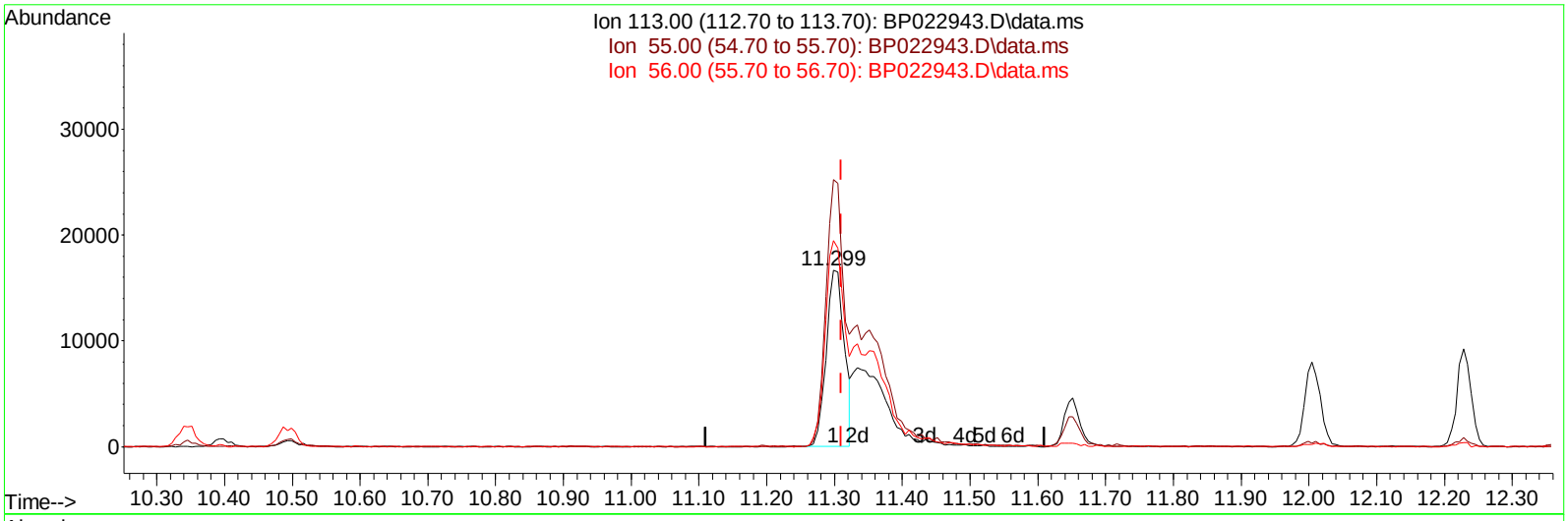
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022943.D
Acq On : 08 Nov 2024 21:36
Operator : RC/JU
Sample : SSTD04052
Misc :
ALS Vial : 26 Sample Multiplier: 1

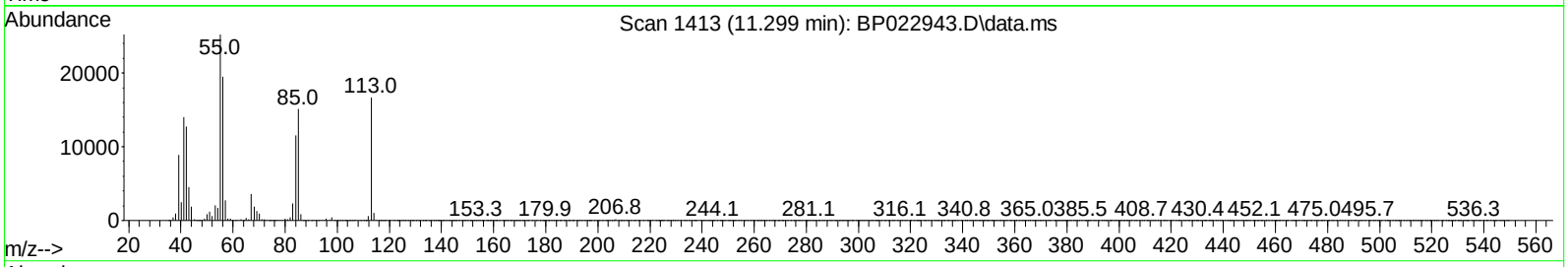
Quant Time: Nov 08 23:18:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 21:50:22 2024
Response via : Initial Calibration

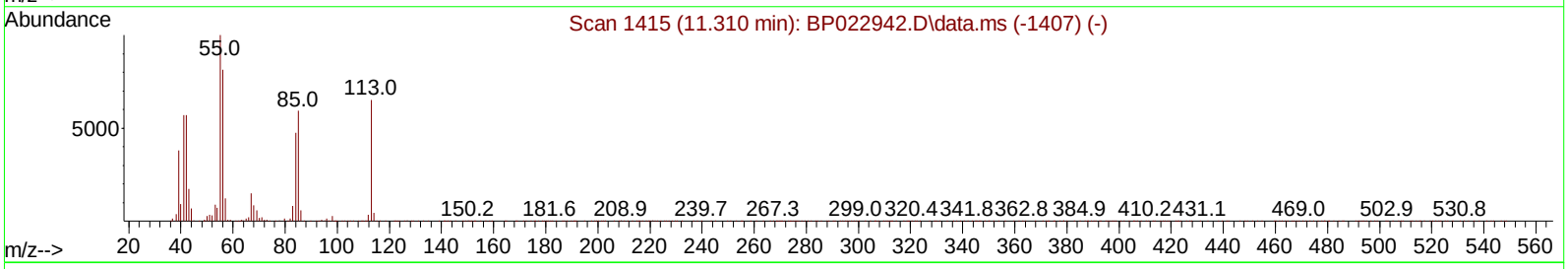
Instrument :
BNA_P
ClientSampleId :
SSTD040631

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BP022943.D\data.ms

(34) Caprolactam

11.299min (-0.012) 19.17 ng/ul

response 31195

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	151.22
56.00	124.80	116.93
0.00	0.00	0.00

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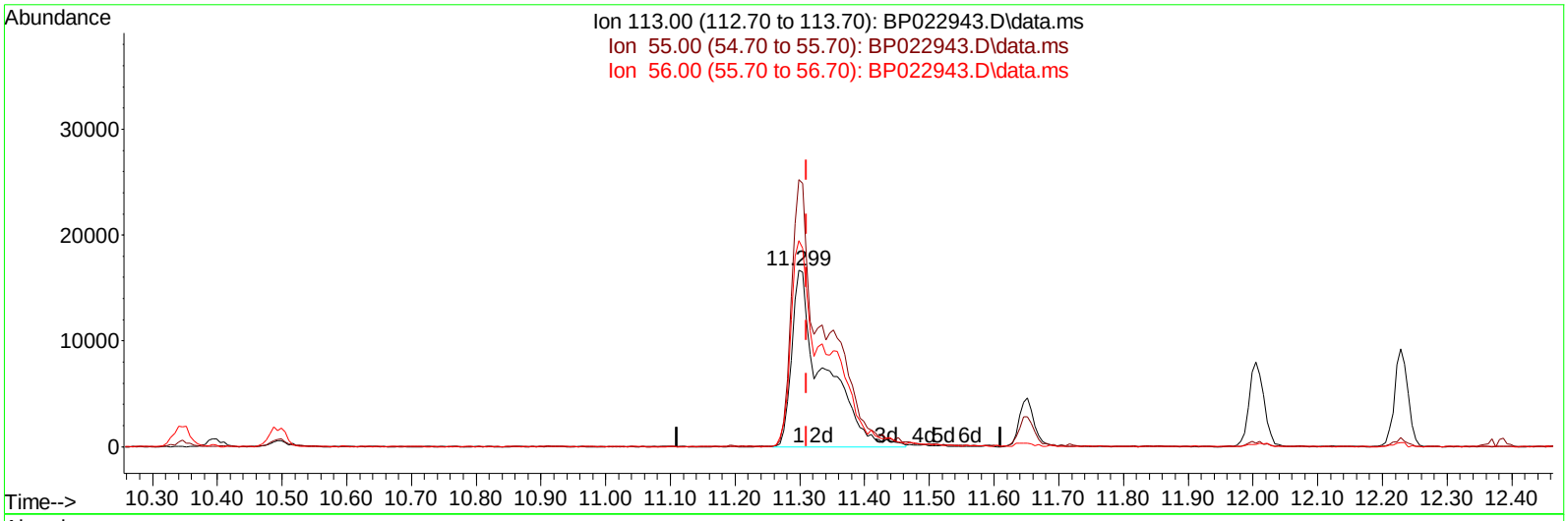

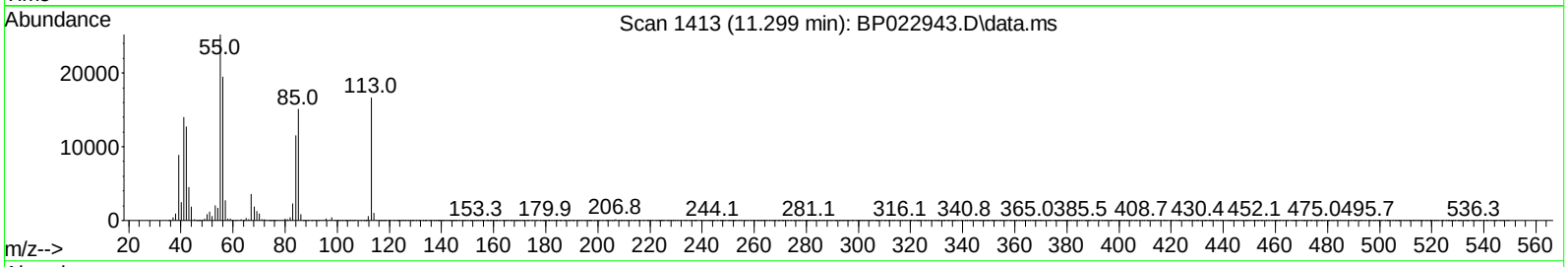

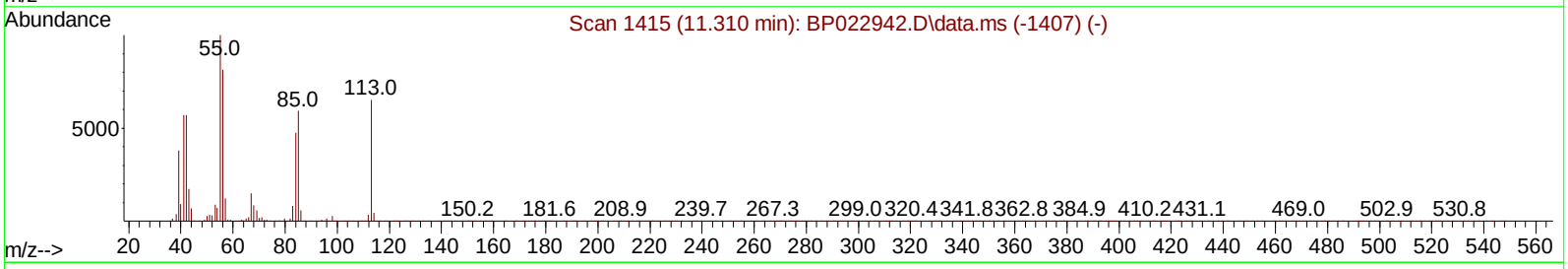

TIC: BP022943.D\data.ms

(34) Caprolactam

11.299min (-0.012) 35.35 ng/ul m

response 57521

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	151.22
56.00	124.80	116.93
0.00	0.00	0.00

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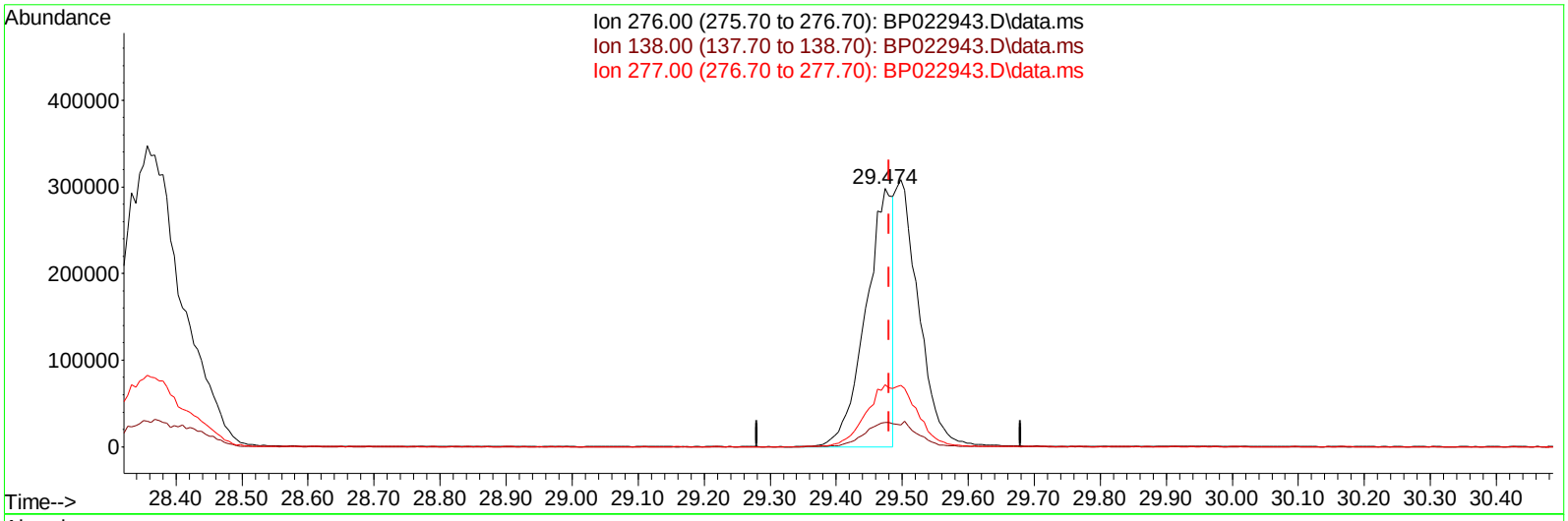

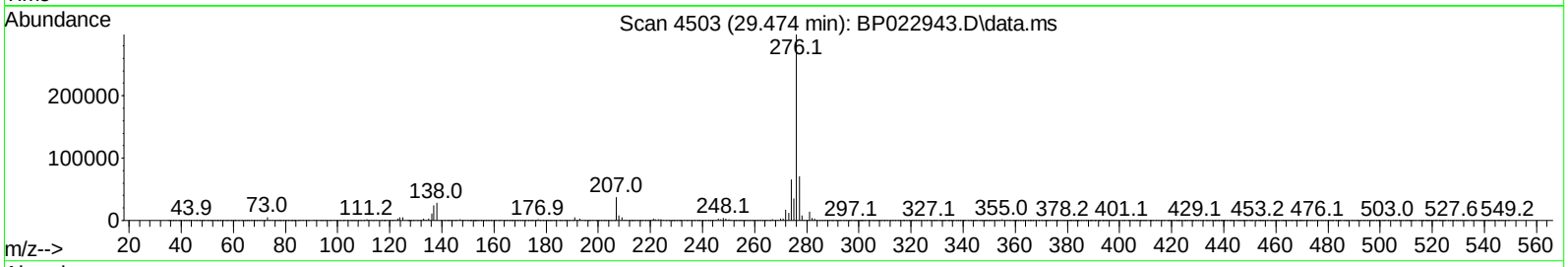

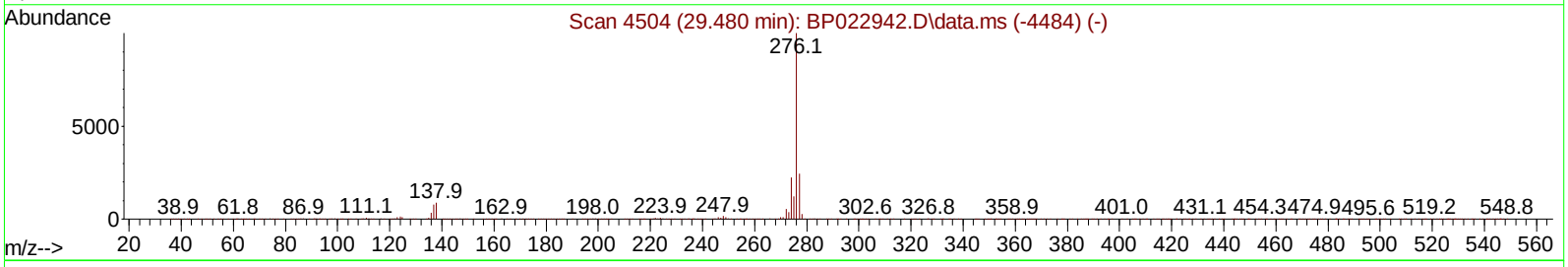

TIC: BP022943.D\data.ms

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

29.474min (-0.006) 19.21 ng/ul

response 859705

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	9.40
277.00	24.30	23.91
0.00	0.00	0.00

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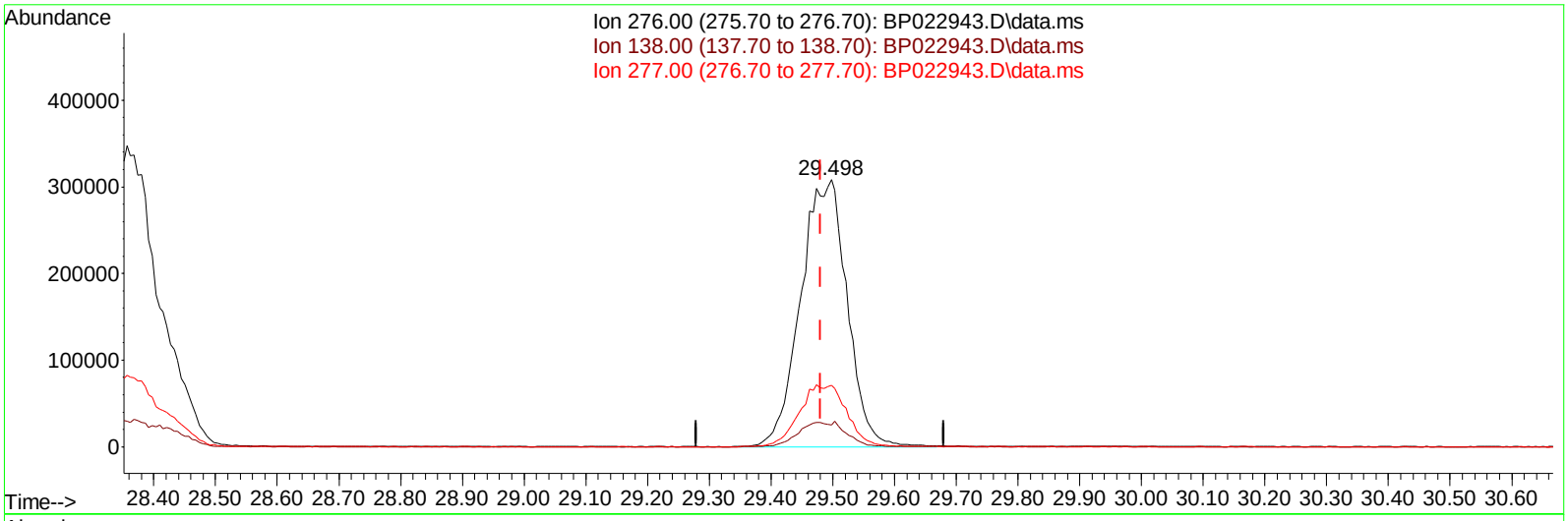

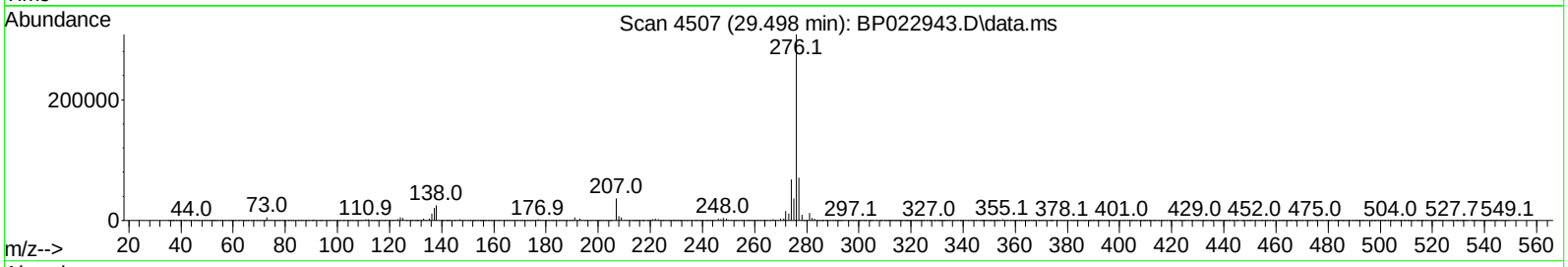

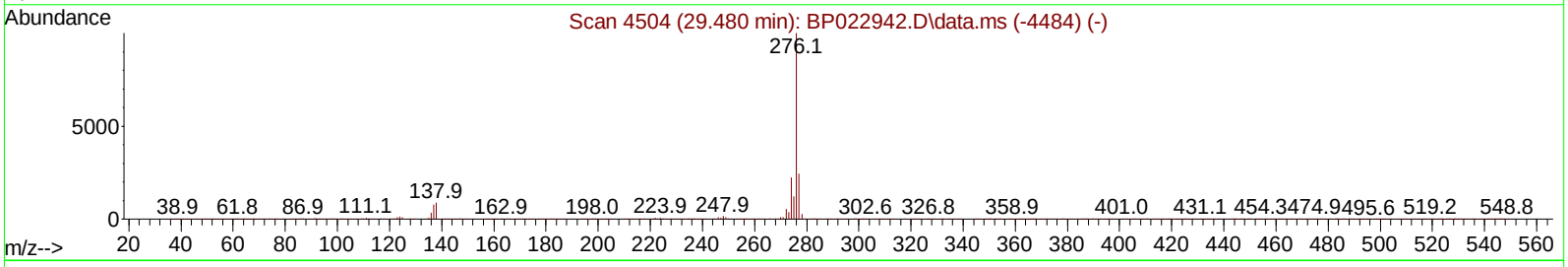

TIC: BP022943.D\data.ms

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

29.498min (+ 0.018) 36.00 ng/ul m

response 1611260

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.90	8.24
277.00	24.30	22.93
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	66545	20.000	ng/ul	0.00
20) Naphthalene-d8	10.346	136	270858	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.216	164	225603	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.010	188	575681	20.000	ng/ul	-0.02
79) Chrysene-d12	21.463	240	641900	20.000	ng/ul	0.00
88) Perylene-d12	24.698	264	744324	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	22298	13.021	ng/uL	0.00
4) Pyridine-d5	3.552	84	169243	36.001	ng/ul	0.00
7) Phenol-d5	6.793	99	201422	35.958	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	118657	36.041	ng/ul	0.00
11) 2-Chlorophenol-d4	7.140	132	153158	38.533	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	169498	37.916	ng/ul	0.00
21) Nitrobenzene-d5	8.740	128	80268	38.542	ng/ul	0.00
24) 2-Nitrophenol-d4	9.452	143	98215	40.734	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.987	165	202250	39.466	ng/ul	0.00
31) 4-Chloroaniline-d4	10.493	131	230364	38.043	ng/ul	0.00
46) Dimethylphthalate-d6	13.634	166	681842	38.039	ng/ul	0.02
49) Acenaphthylene-d8	13.904	160	708831	37.232	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	103454	34.403	ng/ul	-0.01
60) Fluorene-d10	15.216	176	585966	37.689	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.375	200	143327	37.855	ng/ul	0.00
73) Anthracene-d10	17.128	188	1015182	37.486	ng/ul	0.00
81) Pyrene-d10	19.510	212	1274907	37.558	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.474	264	1506945	37.910	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	24695	13.412	ng/uL	92
5) Pyridine	3.570	79	171959	35.675	ng/ul	96
6) Benzaldehyde	6.758	77	121187	40.034	ng/ul	97
8) Phenol	6.816	94	210911	36.190	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.034	93	159389	36.543	ng/ul	95
12) 2-Chlorophenol	7.169	128	155862	37.921	ng/ul	97
13) 2-Methylphenol	8.040	108	157847	37.321	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.099	45	180730	35.653	ng/ul	96
16) Acetophenone	8.405	105	284032	38.486	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.393	70	146385	39.150	ng/ul	100
18) 4-Methylphenol	8.369	108	176846	37.691	ng/ul	99
19) Hexachloroethane	8.646	117	73434	38.363	ng/ul	96
22) Nitrobenzene	8.775	77	225316	36.245	ng/ul	97
23) Isophorone	9.299	82	409851	36.771	ng/ul	99
25) 2-Nitrophenol	9.481	139	99553	38.311	ng/ul	96
26) 2,4-Dimethylphenol	9.540	107	208128	36.849	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.769	93	225349	35.607	ng/ul	98
29) 2,4-Dichlorophenol	10.010	162	200110	39.653	ng/ul	98
30) Naphthalene	10.399	128	535726	37.134	ng/ul	100
32) 4-Chloroaniline	10.516	127	223224	37.345	ng/ul	97
33) Hexachlorobutadiene	10.669	225	167359	39.348	ng/ul	98
34) Caprolactam	11.299	113	57521m	35.355	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	213405	38.758	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.004	142	408001	38.527	ng/ul	97
37) 1-Methylnaphthalene	12.228	142	419525	38.813	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.375	216	313488	37.580	ng/ul	97
40) Hexachlorocyclopentadiene	12.351	237	167013	32.861	ng/ul	99
41) 2,4,6-Trichlorophenol	12.628	196	199193	37.962	ng/ul	96
42) 2,4,5-Trichlorophenol	12.716	196	215224	38.522	ng/ul	98
43) 1,1'-Biphenyl	13.028	154	599865	36.889	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	485201	36.449	ng/ul	100
45) 2-Nitroaniline	13.298	65	147524	37.115	ng/ul	91
47) Dimethylphthalate	13.675	163	665506	37.260	ng/ul	99
48) 2,6-Dinitrotoluene	13.793	165	136553	40.420	ng/ul	97
50) Acenaphthylene	13.940	152	710795	35.974	ng/ul	99
51) 3-Nitroaniline	14.128	138	112706	35.520	ng/ul	97
52) Acenaphthene	14.287	153	518675	37.123	ng/ul	98
53) 2,4-Dinitrophenol	14.363	184	93276	37.526	ng/ul	96
55) 4-Nitrophenol	14.469	109	125217	37.518	ng/ul	98
56) Dibenzofuran	14.622	168	789700	37.627	ng/ul	97
57) 2,4-Dinitrotoluene	14.616	165	212757	40.527	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.851	232	208296	39.942	ng/ul	100
59) Diethylphthalate	15.063	149	664594	38.784	ng/ul	100
61) Fluorene	15.281	166	640611	37.461	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.281	204	378265	38.681	ng/ul	98
63) 4-Nitroaniline	15.328	138	98208	30.758	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.392	198	153112	37.544	ng/ul	98
67) N-Nitrosodiphenylamine	15.492	169	562904	36.514	ng/ul	99
68) 4-Bromophenyl-phenylether	16.192	248	277412	39.960	ng/ul	96
69) Hexachlorobenzene	16.310	284	332053	38.858	ng/ul	97
70) Atrazine	16.481	200	266806	41.636	ng/ul	98
71) Pentachlorophenol	16.669	266	208456	37.939	ng/ul	99
72) Phenanthrene	17.063	178	1115975	36.234	ng/ul	99
74) Anthracene	17.169	178	1115874	36.305	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.993	216	317905	36.268	ng/uL	99
76) Pentachlorobenzene	14.534	250	361176	37.273	ng/uL	98
77) Carbazole	17.451	167	972701	35.766	ng/ul	99
78) Di-n-butylphthalate	18.022	149	1118747	37.177	ng/ul	100
80) Fluoranthene	19.157	202	1471116	37.698	ng/ul	99
82) Pyrene	19.539	202	1573272	37.615	ng/ul	99
83) Butylbenzylphthalate	20.492	149	537660	36.922	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.369	252	585181	38.244	ng/ul	100
85) Benzo(a)anthracene	21.445	228	1628271	36.184	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.375	149	755823	36.160	ng/ul	99
87) Chrysene	21.510	228	1506823	36.113	ng/ul	100
89) Di-n-octyl phthalate	22.604	149	1267542	35.801	ng/ul	100
90) Benzo(b)fluoranthene	23.674	252	1713380	36.570	ng/ul	100
91) Benzo(k)fluoranthene	23.745	252	1747737	38.101	ng/ul#	98
93) Benzo(a)pyrene	24.545	252	1578672	36.610	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.356	276	2108871	36.649	ng/ul	98
95) Dibenzo(a,h)anthracene	28.421	278	1698460	36.450	ng/ul	98
96) Benzo(g,h,i)perylene	29.498	276	1611260m	35.999	ng/ul	

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

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