Quantitation Report (QT Reviewed)

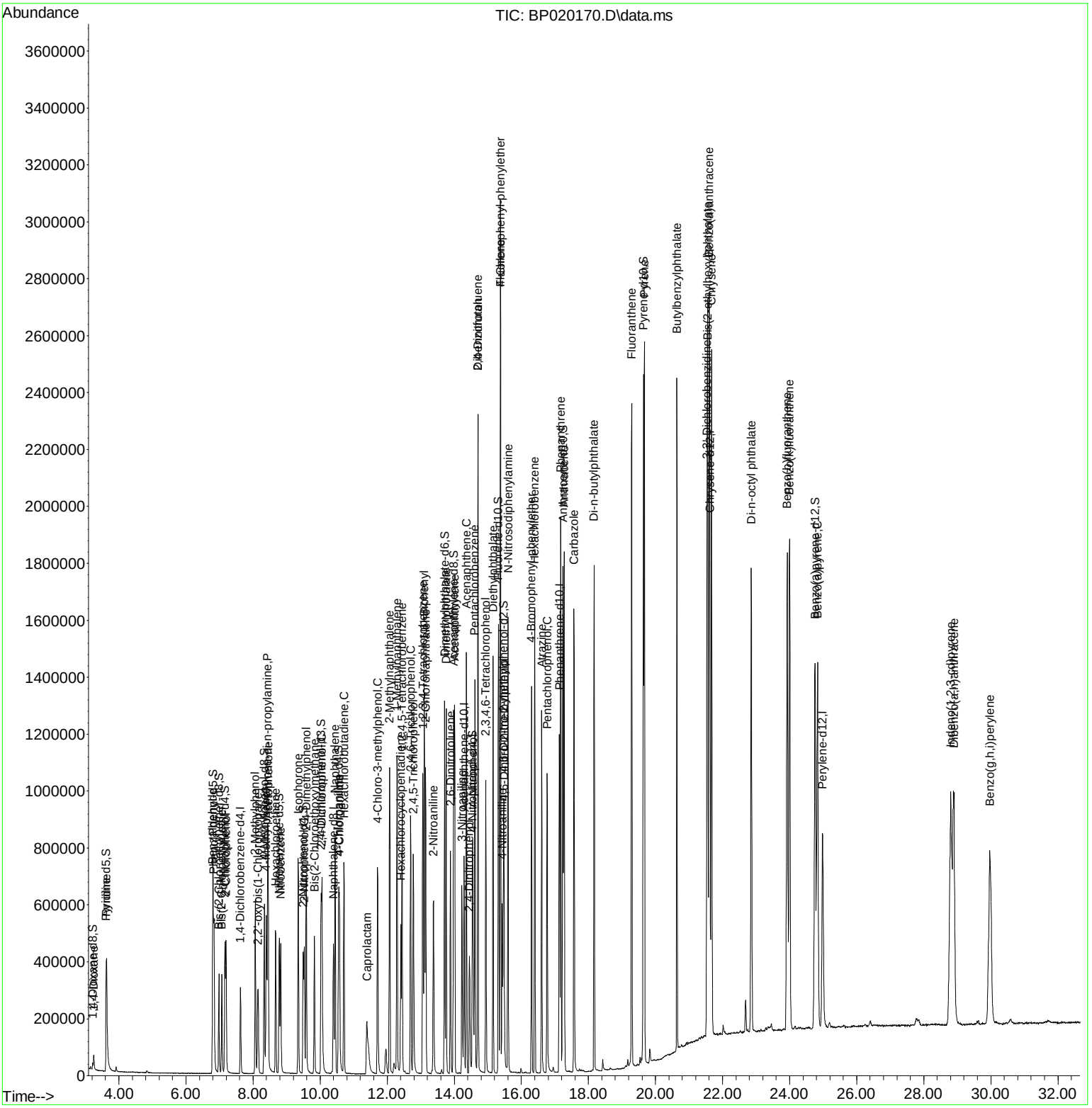
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020170.D
Acq On : 03 May 2024 09:55
Operator : MA/JU
Sample : PB160684BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 03 11:55:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS684

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



Quantitation Report (Qedit)

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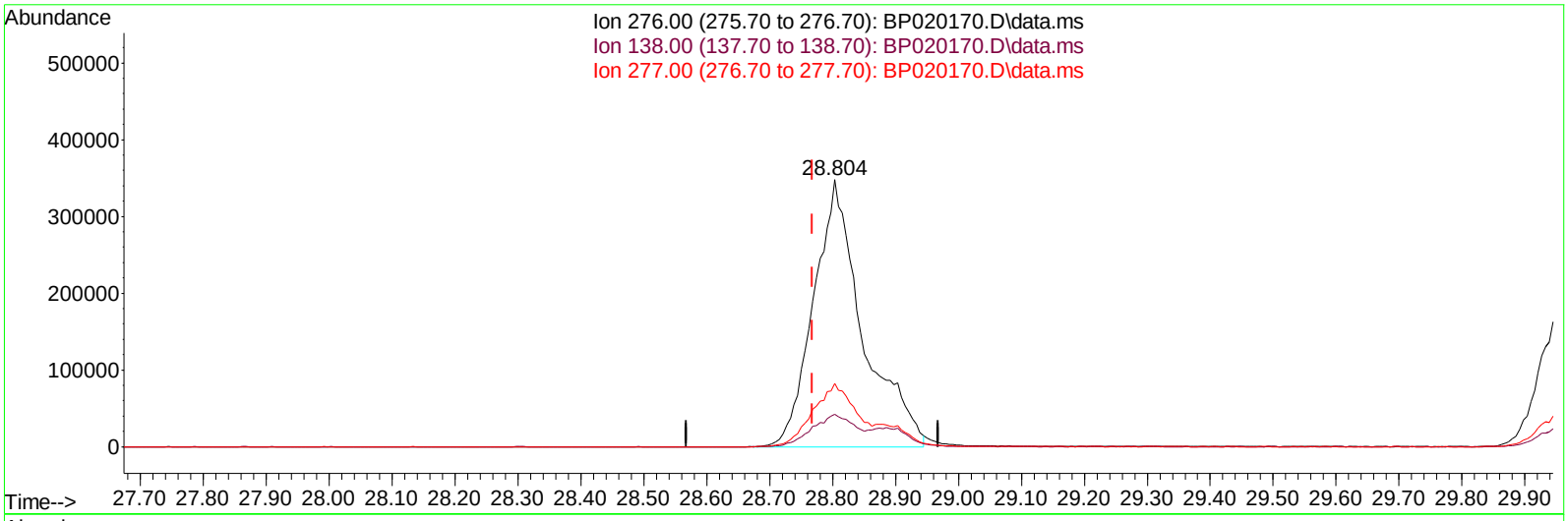

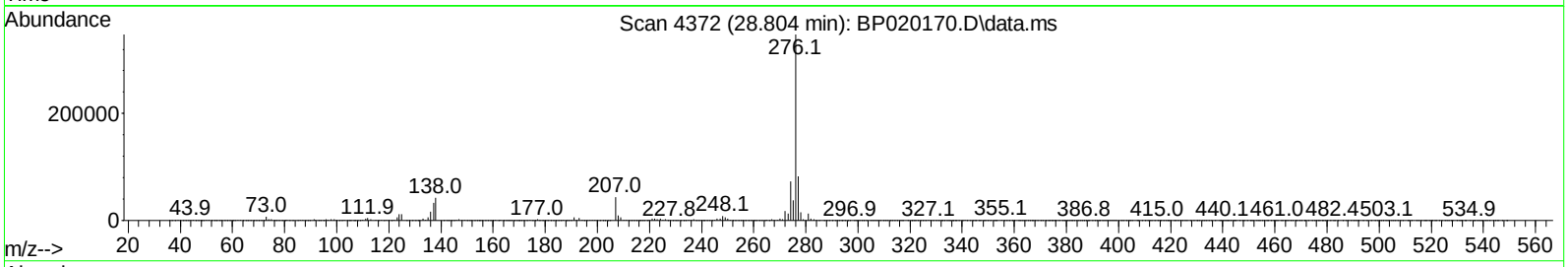

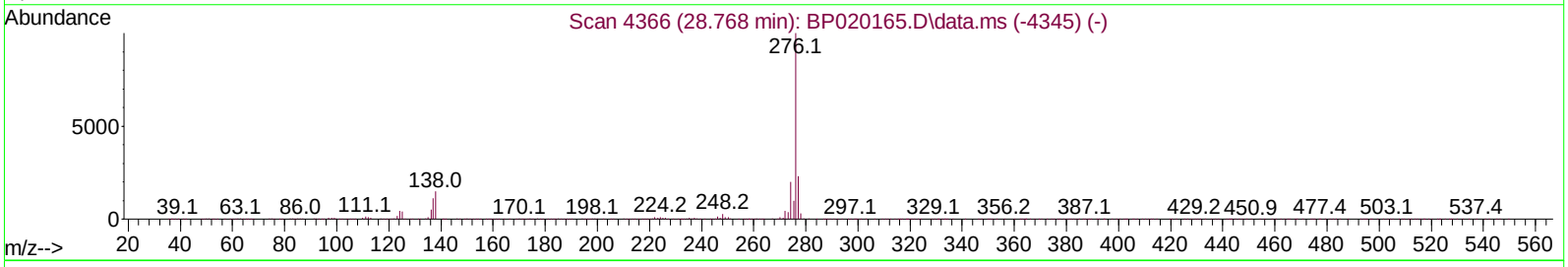

TIC: BP020170.D\data.ms

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

28.804min (+ 0.036) 33.29 ng/ul

response 1886092

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	12.16#
277.00	23.70	23.81
0.00	0.00	0.00

Quantitation Report (Qedit)

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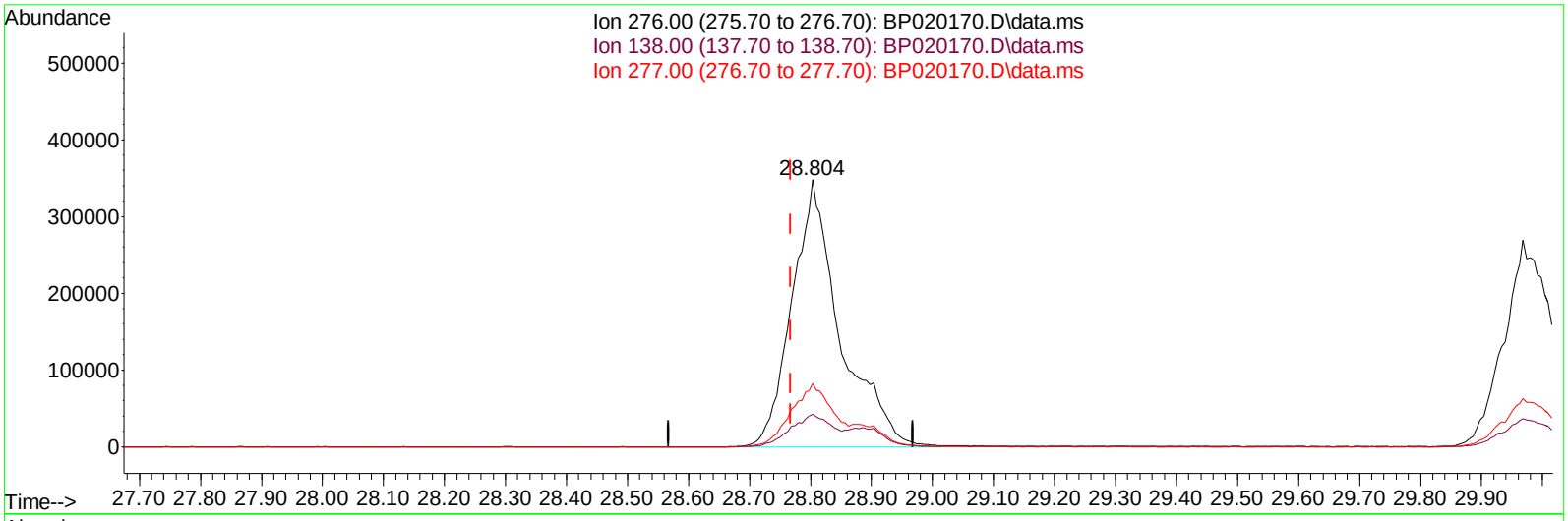

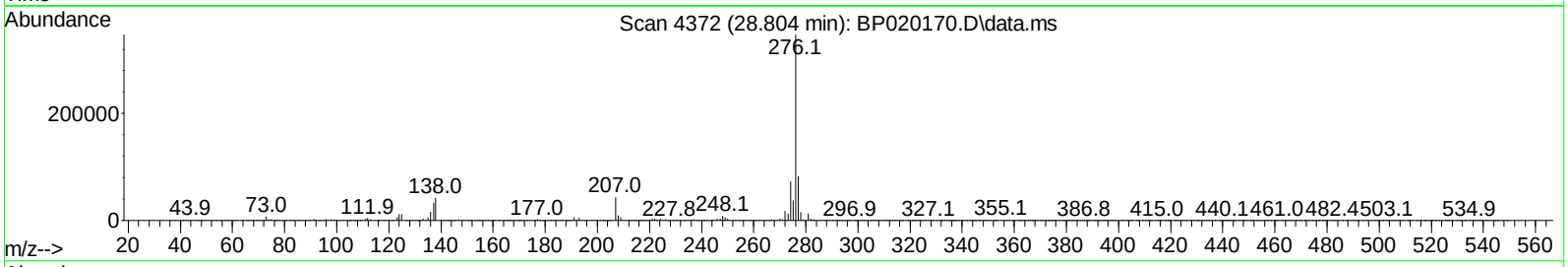

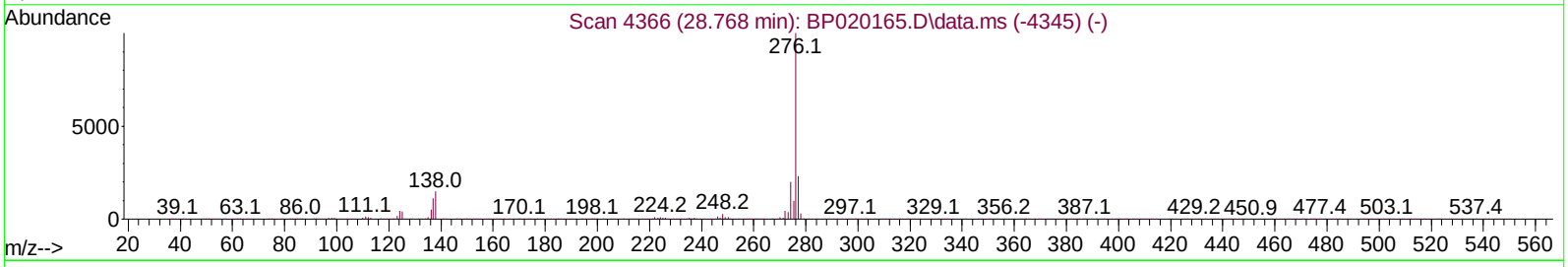

TIC: BP020170.D\data.ms

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

28.804min (+ 0.036) 33.65 ng/ul m

response 1906409

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	12.16#
277.00	23.70	23.81
0.00	0.00	0.00

Quantitation Report (Qedit)

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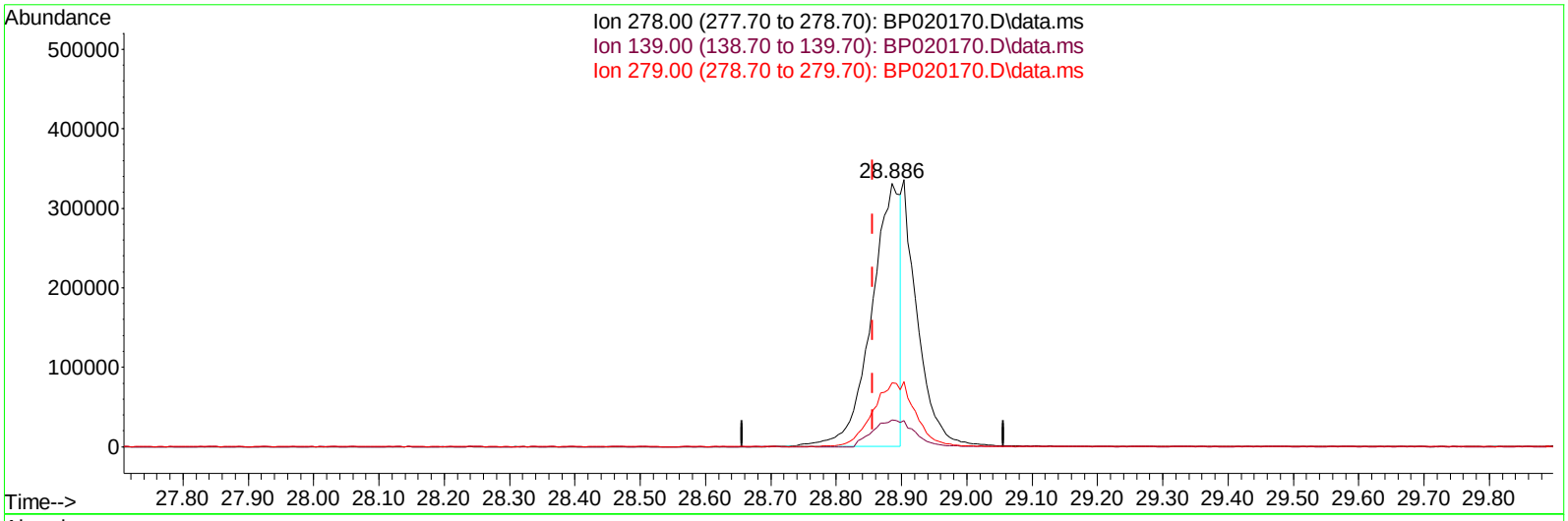

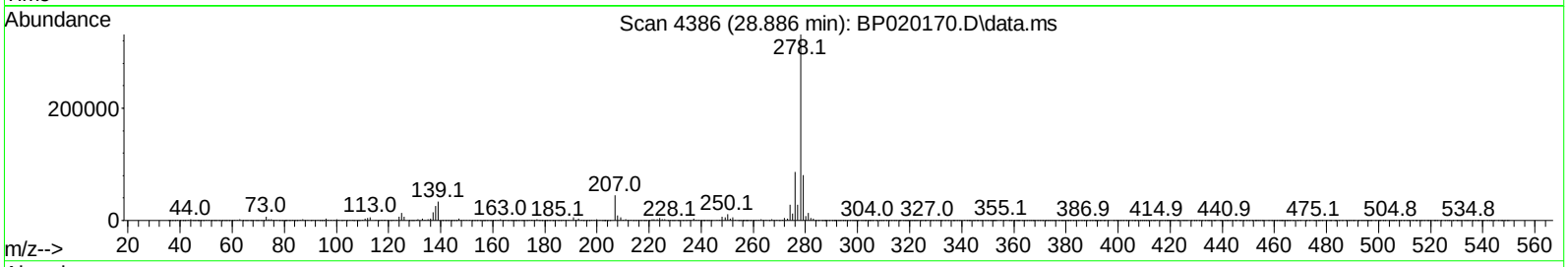

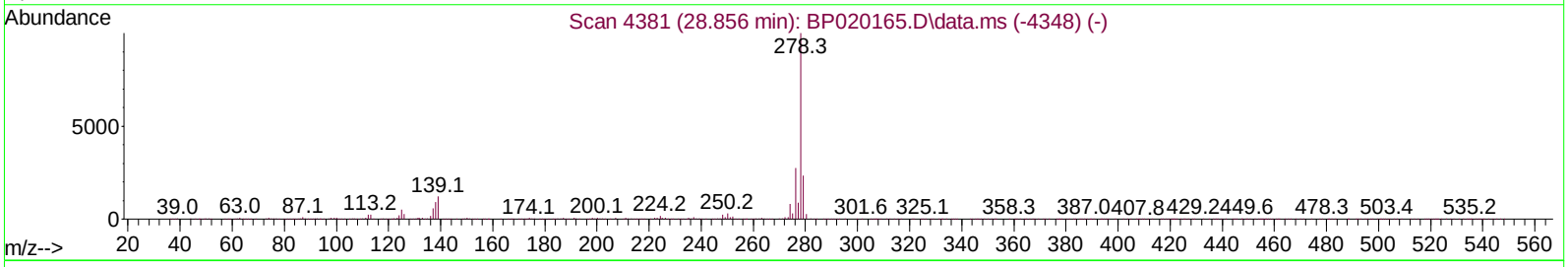

TIC: BP020170.D\data.ms

(95) Dibenzo(a,h)anthracene

28.886min (+ 0.030) 21.53 ng/ul

response 1008708

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	10.10#
279.00	24.10	24.25
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 03 May 2024 09:55
Operator : MA/JU
Sample : PB160684BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 03 11:53:49 2024
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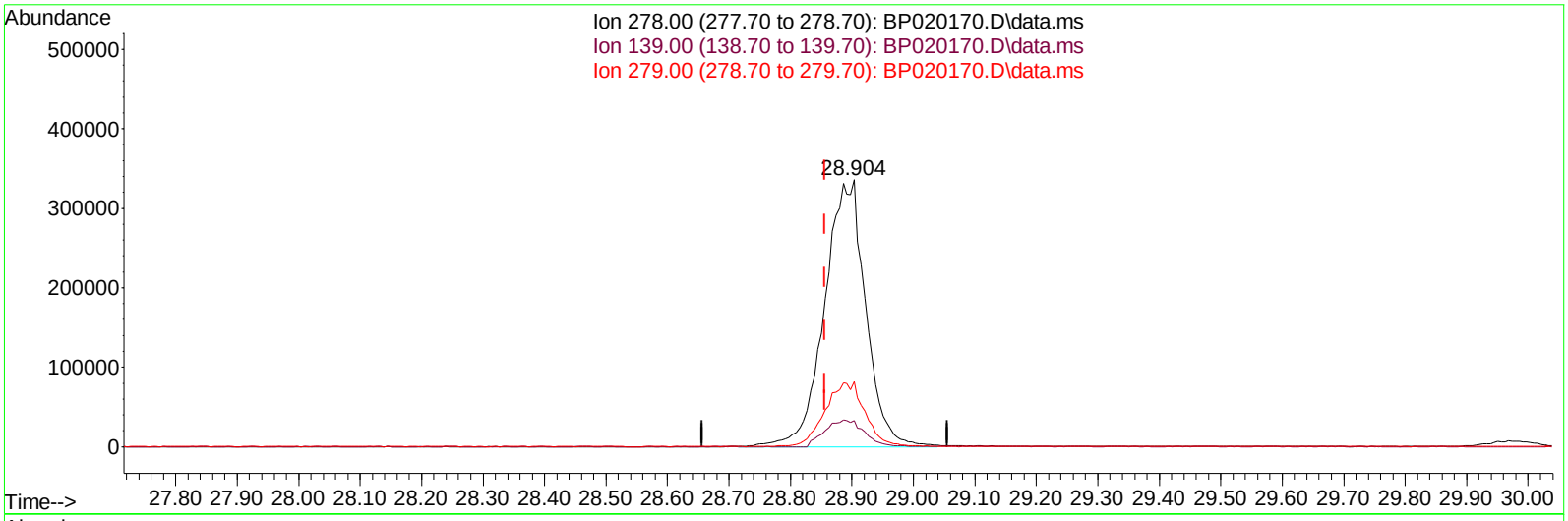
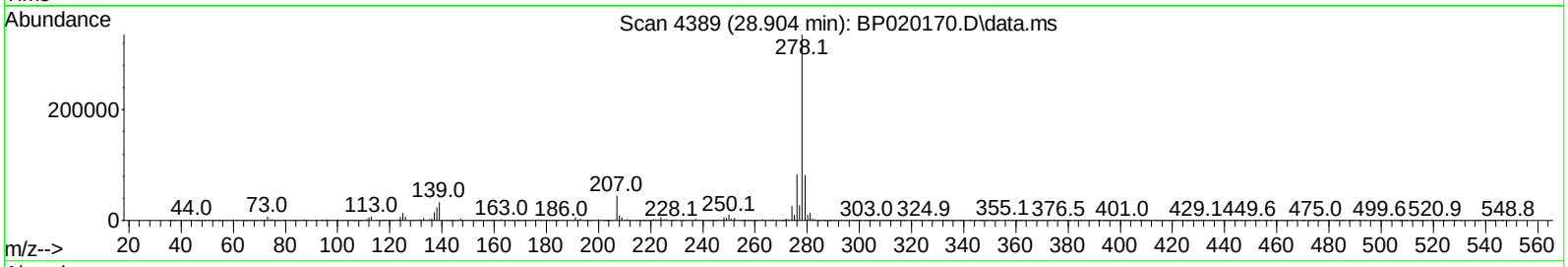
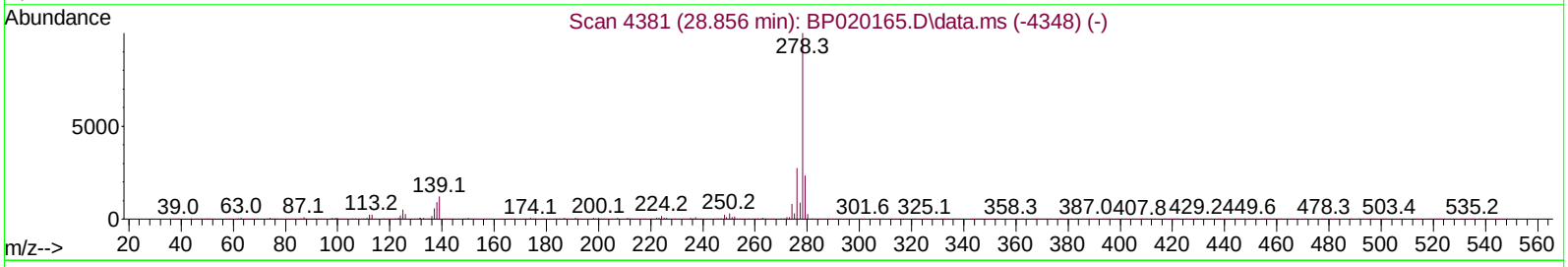
Instrument :
BNA_P
ClientSampleId :
SLCS684

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024







TIC: BP020170.D\data.ms

(95) Dibenzo(a,h)anthracene

28.904min (+ 0.047) 33.36 ng/ul m

response 1563190

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	9.90#
279.00	24.10	24.34
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 03 May 2024 09:55
Operator : MA/JU
Sample : PB160684BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 03 11:53:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
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Instrument :
BNA_P
ClientSampleId :
SLCS684

Manual IntegrationsAPPROVED

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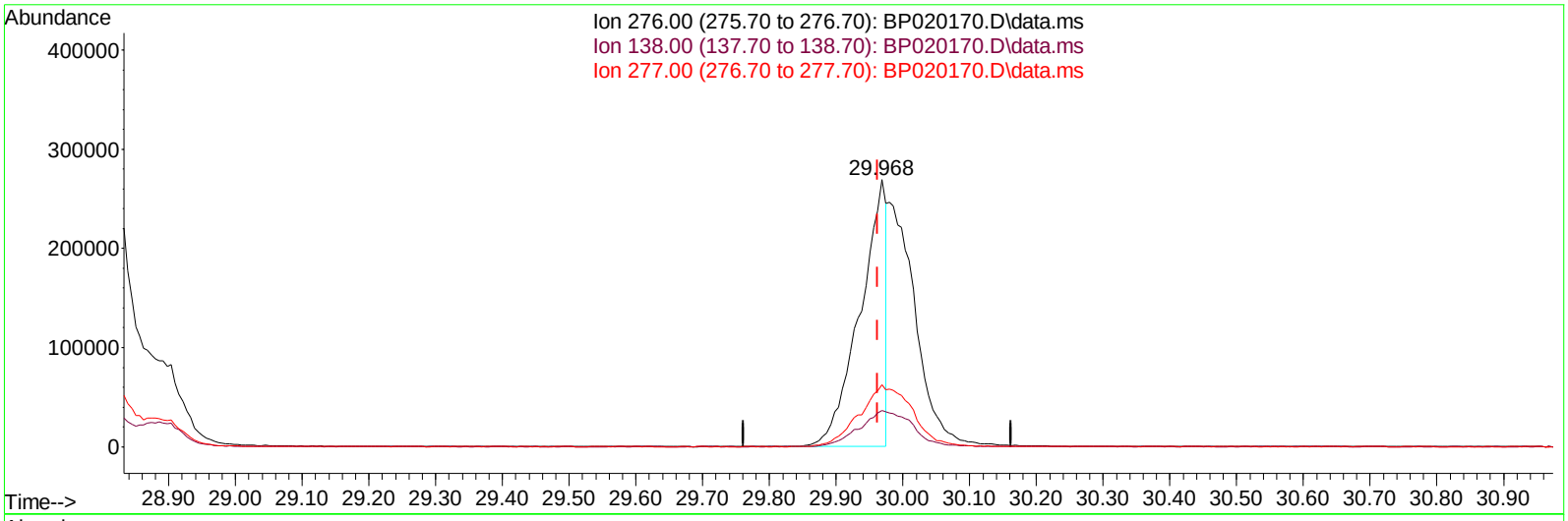

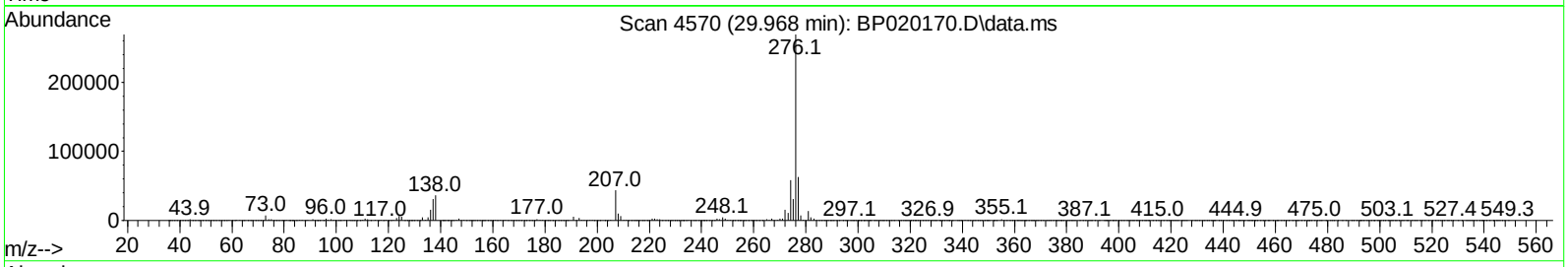

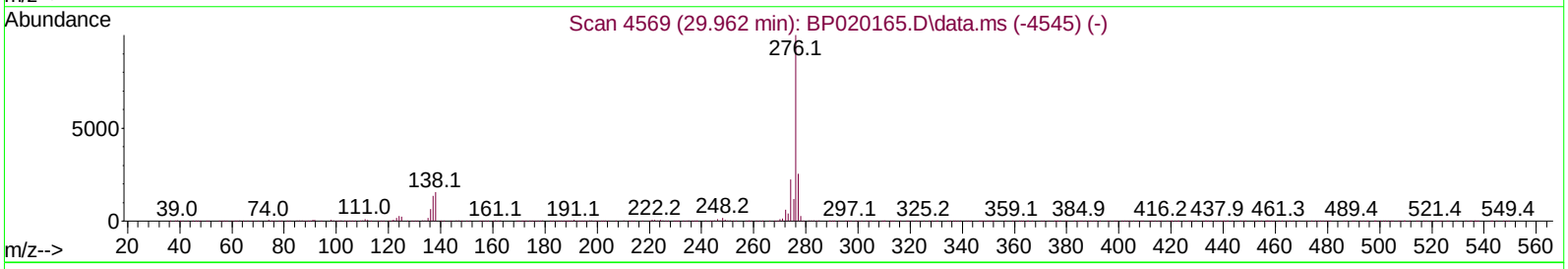

TIC: BP020170.D\data.ms

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

29.968min (+ 0.006) 16.06 ng/ul

response 733848

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	13.49
277.00	24.20	23.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
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Operator : MA/JU
Sample : PB160684BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId :
SLCS684

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
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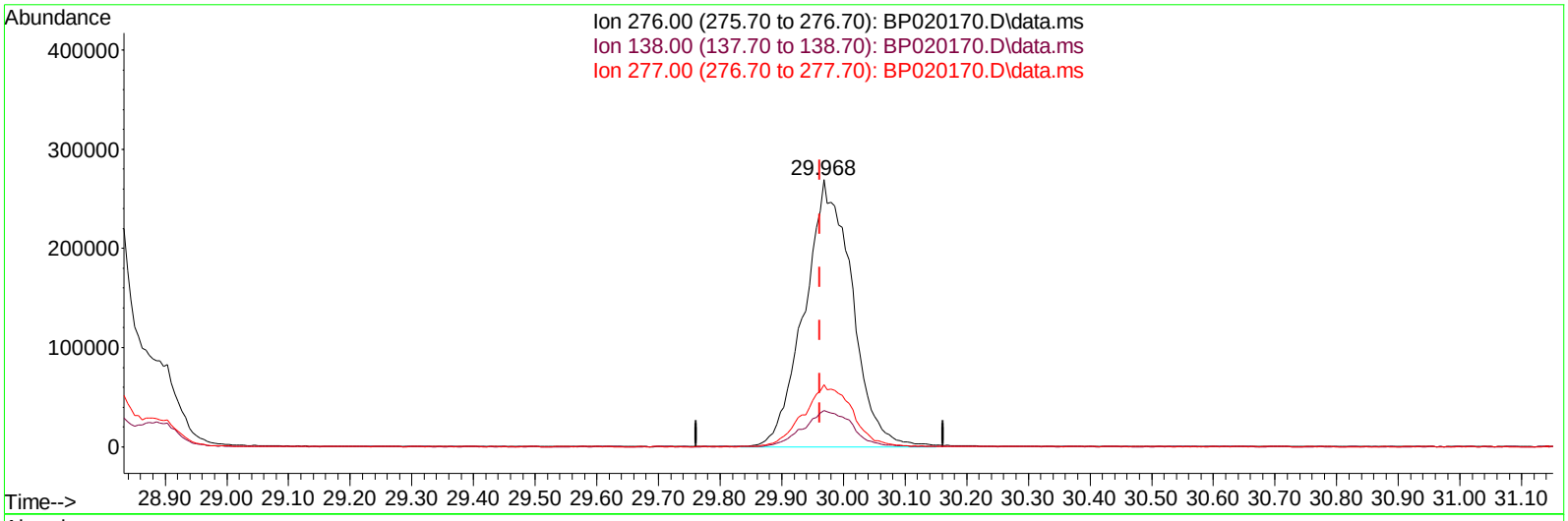

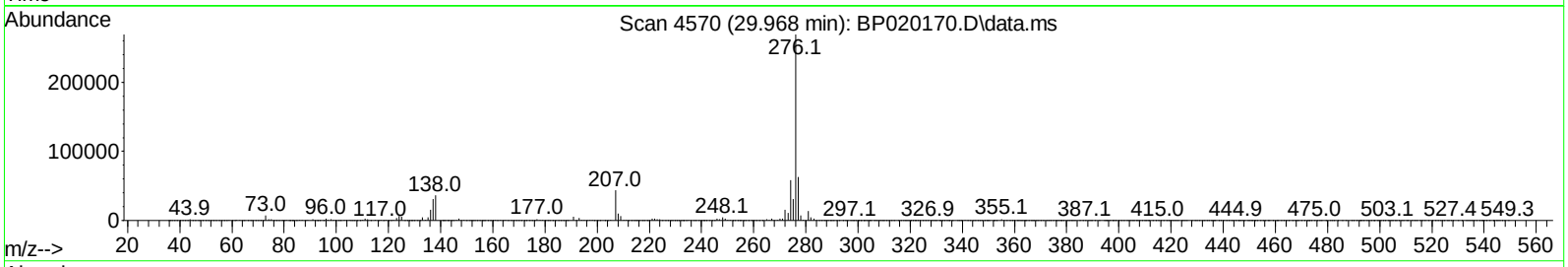

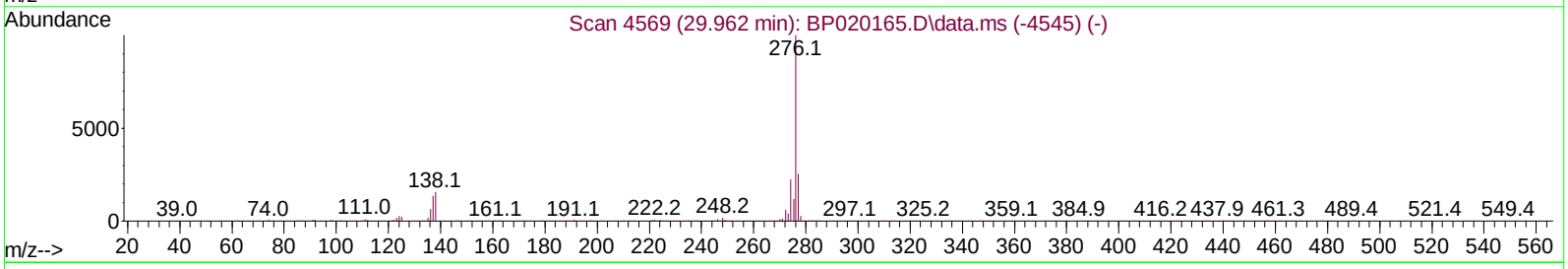

TIC: BP020170.D\data.ms

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

29.968min (+ 0.006) 31.53 ng/ul m

response 1440501

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	13.49
277.00	24.20	23.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	85071	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	381391	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.293	164	287944	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.134	188	673264	20.000	ng/ul	0.00
79) Chrysene-d12	21.622	240	736789	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264	816433	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	13379	6.642	ng/uL	0.00
4) Pyridine-d5	3.617	84	190526	32.552	ng/ul	0.00
7) Phenol-d5	6.811	99	264815	36.247	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	153875	34.672	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	205198	39.289	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	225185	38.124	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	104617	36.631	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	124536	38.078	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	241270	40.426	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	309681	37.074	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	801805	38.131	ng/ul	0.00
49) Acenaphthylene-d8	13.981	160	849043	36.552	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	130838	40.485	ng/ul	0.00
60) Fluorene-d10	15.316	176	678653	38.695	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	166881	39.061	ng/ul	0.00
73) Anthracene-d10	17.239	188	1107932	38.040	ng/ul	0.00
81) Pyrene-d10	19.639	212	1396548	32.426	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.763	264	1488273	37.701	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	29313	12.824	ng/uL	94
5) Pyridine	3.634	79	189125	31.947	ng/ul	96
6) Benzaldehyde	6.793	77	175301	47.737	ng/ul	98
8) Phenol	6.834	94	266997	35.408	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.069	93	199448	33.802	ng/ul	99
12) 2-Chlorophenol	7.193	128	204706	37.541	ng/ul	94
13) 2-Methylphenol	8.063	108	201532	35.830	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	236134	32.081	ng/ul	97
16) Acetophenone	8.452	105	353984	36.109	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.434	70	186892	35.131	ng/ul	96
18) 4-Methylphenol	8.393	108	226511	37.051	ng/ul	96
19) Hexachloroethane	8.669	117	84715	33.973	ng/ul	87
22) Nitrobenzene	8.822	77	268298	32.725	ng/ul	99
23) Isophorone	9.346	82	529767	33.604	ng/ul	100
25) 2-Nitrophenol	9.528	139	129675	38.278	ng/ul	95
26) 2,4-Dimethylphenol	9.587	107	257068	34.782	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.828	93	293078	33.533	ng/ul	99
29) 2,4-Dichlorophenol	10.057	162	232381	40.030	ng/ul	97
30) Naphthalene	10.446	128	681086	34.646	ng/ul	99
32) 4-Chloroaniline	10.575	127	281317	34.441	ng/ul	99
33) Hexachlorobutadiene	10.710	225	170791	37.878	ng/ul	97
34) Caprolactam	11.399	113	81681	40.297	ng/ul	86
35) 4-Chloro-3-methylphenol	11.710	107	280703	38.836	ng/ul	97

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ClientSampleId :
SLCS684

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	498804	36.468	ng/ul	98
37) 1-Methylnaphthalene	12.293	142	508379	36.935	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.446	216	341995	38.083	ng/ul	99
40) Hexachlorocyclopentadiene	12.404	237	151106	30.939	ng/ul	96
41) 2,4,6-Trichlorophenol	12.698	196	221183	39.275	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	238446	39.348	ng/ul	95
43) 1,1'-Biphenyl	13.104	154	698529	34.299	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	558775	34.576	ng/ul	98
45) 2-Nitroaniline	13.381	65	192162	35.848	ng/ul	94
47) Dimethylphthalate	13.757	163	785157	36.967	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	161860	38.334	ng/ul	97
50) Acenaphthylene	14.010	152	899513	34.429	ng/ul	99
51) 3-Nitroaniline	14.228	138	158776	40.318	ng/ul	94
52) Acenaphthene	14.363	153	599678	34.155	ng/ul	100
53) 2,4-Dinitrophenol	14.451	184	108370	41.814	ng/ul	90
55) 4-Nitrophenol	14.551	109	130301	38.726	ng/ul	95
56) Dibenzofuran	14.704	168	892104	36.944	ng/ul	96
57) 2,4-Dinitrotoluene	14.704	165	246976	40.684	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.940	232	234592	43.110	ng/ul	92
59) Diethylphthalate	15.157	149	791415	37.328	ng/ul	99
61) Fluorene	15.375	166	737285	36.747	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	407623	38.295	ng/ul	91
63) 4-Nitroaniline	15.428	138	153990	46.921	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.487	198	171672	38.535	ng/ul#	89
67) N-Nitrosodiphenylamine	15.604	169	648707	34.605	ng/ul	100
68) 4-Bromophenyl-phenylether	16.304	248	277364	38.033	ng/ul	98
69) Hexachlorobenzene	16.398	284	337950	40.011	ng/ul	95
70) Atrazine	16.610	200	276000	41.522	ng/ul	99
71) Pentachlorophenol	16.769	266	212386	41.600	ng/ul	97
72) Phenanthrene	17.175	178	1223626	35.622	ng/ul	99
74) Anthracene	17.275	178	1220349	34.929	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	340645	34.043	ng/uL	99
76) Pentachlorobenzene	14.616	250	366956	36.647	ng/uL	99
77) Carbazole	17.569	167	1111427	36.927	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1379869	37.823	ng/ul	99
80) Fluoranthene	19.292	202	1559714	30.772	ng/ul	98
82) Pyrene	19.669	202	1675212	31.765	ng/ul	97
83) Butylbenzylphthalate	20.639	149	653859	32.661	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.533	252	611738	40.796	ng/ul	99
85) Benzo(a)anthracene	21.598	228	1789784	35.815	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.557	149	967463	33.499	ng/ul#	96
87) Chrysene	21.674	228	1693457	36.562	ng/ul	98
89) Di-n-octyl phthalate	22.857	149	1653739	31.628	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	1777029	36.590	ng/ul	98
91) Benzo(k)fluoranthene	23.998	252	1770168	35.765	ng/ul	99
93) Benzo(a)pyrene	24.833	252	1498324	32.424	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.804	276	1906409m	33.653	ng/ul	
95) Dibenzo(a,h)anthracene	28.904	278	1563190m	33.362	ng/ul	
96) Benzo(g,h,i)perylene	29.968	276	1440501m	31.529	ng/ul	

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