

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
 Data File : BM044548.D
 Acq On : 07 Mar 2024 13:14
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020066

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 07 13:54:57 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 05 23:05:11 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	284511	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.504	136	1281857	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.363	164	797020	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1632263	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	1466421	20.000	ng/ul	0.00
88) Perylene-d12	23.568	264	1548665	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	55920	6.666	ng/uL	-0.01
4) Pyridine-d5	3.669	84	412769	16.718	ng/ul	-0.01
7) Phenol-d5	6.893	99	524659	17.936	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	334993	18.541	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	402631	18.731	ng/ul	-0.02
15) 4-Methylphenol-d8	8.422	113	411675	17.921	ng/ul	-0.02
21) Nitrobenzene-d5	8.881	128	210471	19.499	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	230004	19.766	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	398483	20.121	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.651	131	625780	19.026	ng/ul	-0.01
46) Dimethylphthalate-d6	13.786	166	1175609	18.803	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1358134	18.994	ng/ul	0.00
54) 4-Nitrophenol-d4	14.574	143	242361	18.693	ng/ul	0.00
60) Fluorene-d10	15.363	176	997887	18.993	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	193749	18.286	ng/ul	0.00
73) Anthracene-d10	17.221	188	1523794	19.531	ng/ul	0.00
81) Pyrene-d10	19.515	212	1738818	19.333	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.427	264	1571010	19.300	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	61496	7.081	ng/uL	95
5) Pyridine	3.693	79	434124	16.953	ng/ul	100
6) Benzaldehyde	6.881	77	296617	23.281	ng/ul	95
8) Phenol	6.916	94	536945	17.986	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.163	93	445619	18.179	ng/ul	98
12) 2-Chlorophenol	7.287	128	416776	18.798	ng/ul	99
13) 2-Methylphenol	8.157	108	408026	18.011	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.245	45	624627	19.295	ng/ul	99
16) Acetophenone	8.545	105	675523	18.960	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.534	70	356635	19.374	ng/ul	99
18) 4-Methylphenol	8.487	108	449620	18.232	ng/ul	95
19) Hexachloroethane	8.781	117	171383	18.871	ng/ul	95
22) Nitrobenzene	8.922	77	503592	19.673	ng/ul	97
23) Isophorone	9.445	82	1015194	19.439	ng/ul	99
25) 2-Nitrophenol	9.628	139	244631	19.284	ng/ul	99
26) 2,4-Dimethylphenol	9.681	107	436014	18.889	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.934	93	621945	18.936	ng/ul	98
29) 2,4-Dichlorophenol	10.151	162	393207	19.888	ng/ul	99
30) Naphthalene	10.551	128	1413592	19.471	ng/ul	100
32) 4-Chloroaniline	10.675	127	600711	18.945	ng/ul	98
33) Hexachlorobutadiene	10.822	225	224875	20.293	ng/ul	99
34) Caprolactam	11.457	113	137924	17.913	ng/ul	95
35) 4-Chloro-3-methylphenol	11.792	107	448913	19.579	ng/ul	99
36) 2-Methylnaphthalene	12.169	142	944590	19.565	ng/ul	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	932200	19.573	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.533	216	440775	19.439	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	315584	20.966	ng/ul	100
41) 2,4,6-Trichlorophenol	12.786	196	305941	19.247	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	330038	19.374	ng/ul	99
43) 1,1'-Biphenyl	13.192	154	1209804	19.115	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	947835	19.084	ng/ul	99
45) 2-Nitroaniline	13.451	65	302919	19.428	ng/ul	98
47) Dimethylphthalate	13.833	163	1188397	18.680	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	245100	19.288	ng/ul	99
50) Acenaphthylene	14.086	152	1609192	19.309	ng/ul	100
51) 3-Nitroaniline	14.286	138	265744	19.361	ng/ul	98
52) Acenaphthene	14.427	153	1043950	19.055	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	147444	18.139	ng/ul	99
55) 4-Nitrophenol	14.592	109	169746	18.685	ng/ul	100
56) Dibenzofuran	14.769	168	1399993	19.211	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	354543	19.328	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.992	232	275151	19.518	ng/ul	97
59) Diethylphthalate	15.204	149	1219948	18.477	ng/ul	99
61) Fluorene	15.421	166	1152632	19.339	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.421	204	546028	19.739	ng/ul	97
63) 4-Nitroaniline	15.451	138	264637m	20.172	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.504	198	211732	18.700	ng/ul	98
67) N-Nitrosodiphenylamine	15.639	169	965333	19.636	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	330225	20.227	ng/ul	97
69) Hexachlorobenzene	16.416	284	381519	20.516	ng/ul	94
70) Atrazine	16.598	200	325827	20.282	ng/ul	99
71) Pentachlorophenol	16.763	266	239280	19.487	ng/ul	97
72) Phenanthrene	17.163	178	1815867	19.611	ng/ul	100
74) Anthracene	17.251	178	1846373	19.717	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	435012	19.953	ng/ul	99
76) Pentachlorobenzene	14.680	250	433927	20.587	ng/ul	100
77) Carbazole	17.527	167	1724712	19.600	ng/ul	99
78) Di-n-butylphthalate	18.104	149	2167467	18.312	ng/ul	100
80) Fluoranthene	19.180	202	2062195	19.253	ng/ul	99
82) Pyrene	19.545	202	2162368	19.391	ng/ul	100
83) Butylbenzylphthalate	20.462	149	971746	17.722	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	680432	21.451	ng/ul	99
85) Benzo(a)anthracene	21.298	228	2105436	19.119	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	1473388	18.430	ng/ul	100
87) Chrysene	21.351	228	1920960	18.842	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2559439	18.467	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	2012049	19.416	ng/ul	100
91) Benzo(k)fluoranthene	22.939	252	1948340	19.197	ng/ul	99
93) Benzo(a)pyrene	23.474	252	1827352	18.851	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.850	276	1965054	18.073	ng/ul	99
95) Dibenzo(a,h)anthracene	25.868	278	1672849	18.452	ng/ul	98
96) Benzo(g,h,i)perylene	26.550	276	1519996	17.519	ng/ul	98

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

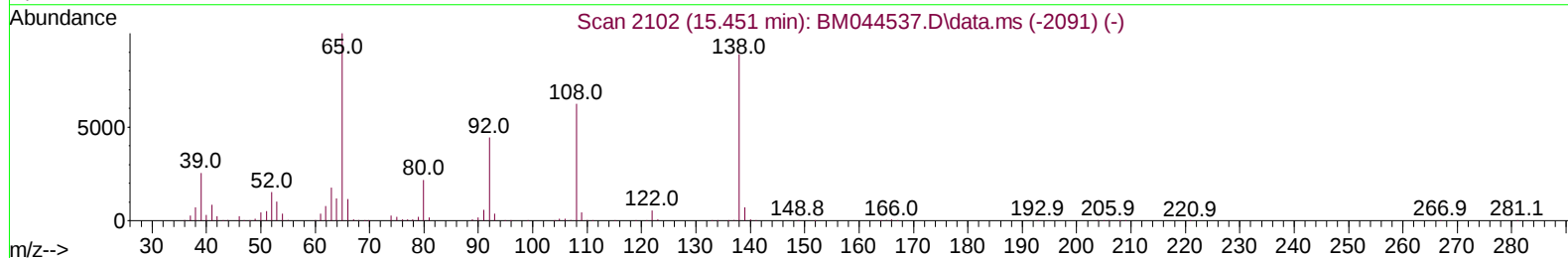
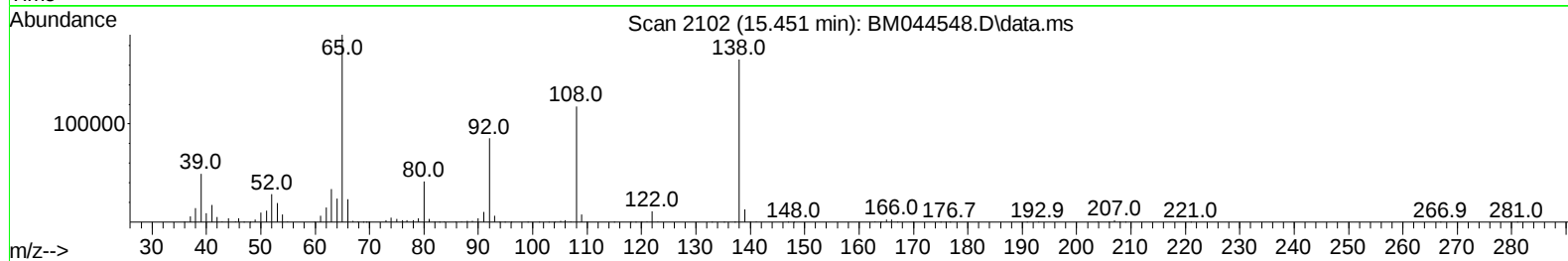
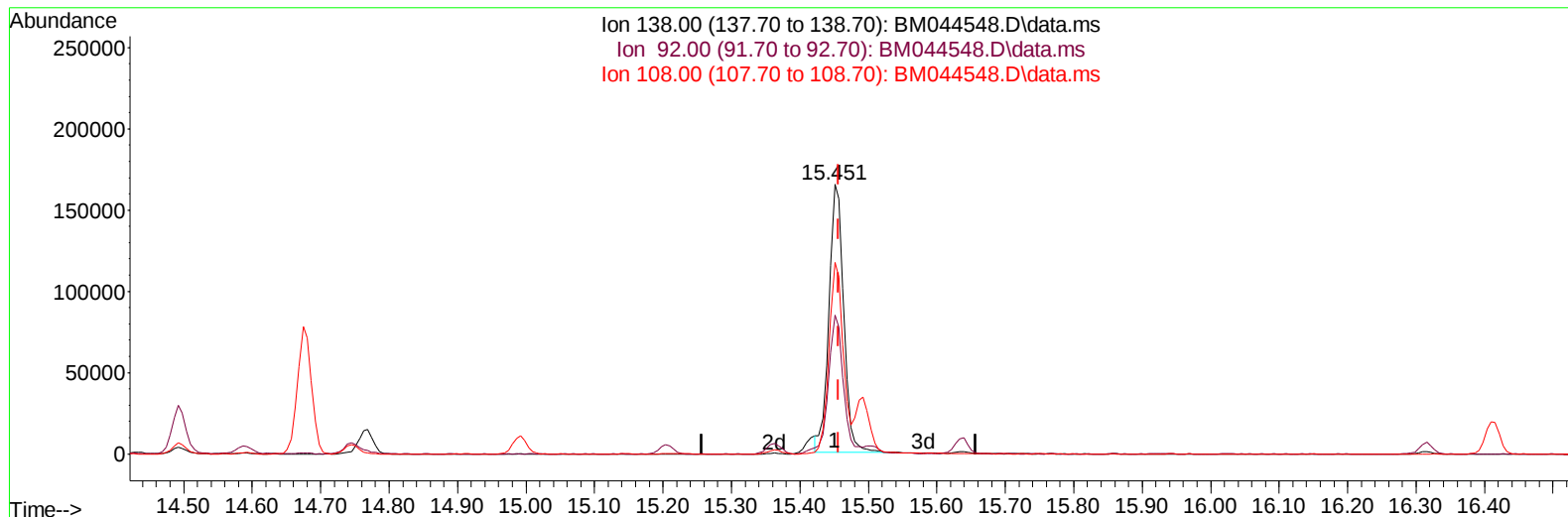
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TIC: BM044548.D\data.ms

(63) 4-Nitroaniline

15.451min (-0.006) 18.76 ng/ul

response 246091

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	51.50
108.00	68.30	71.05
0.00	0.00	0.00

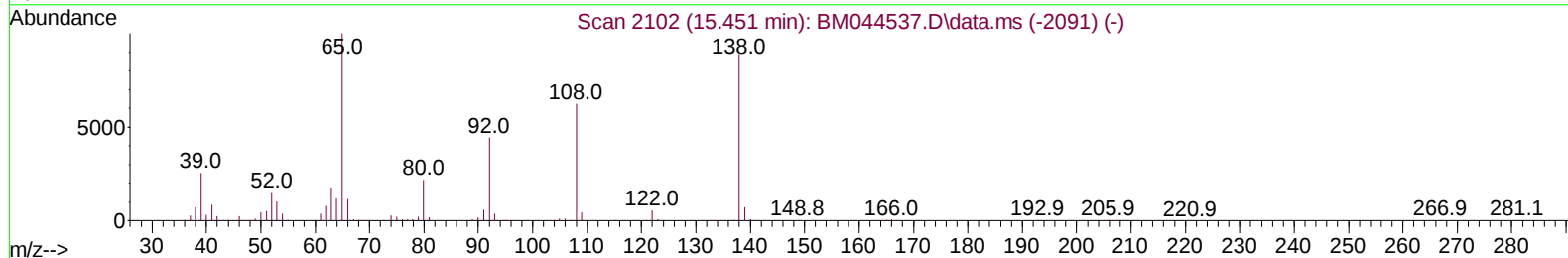
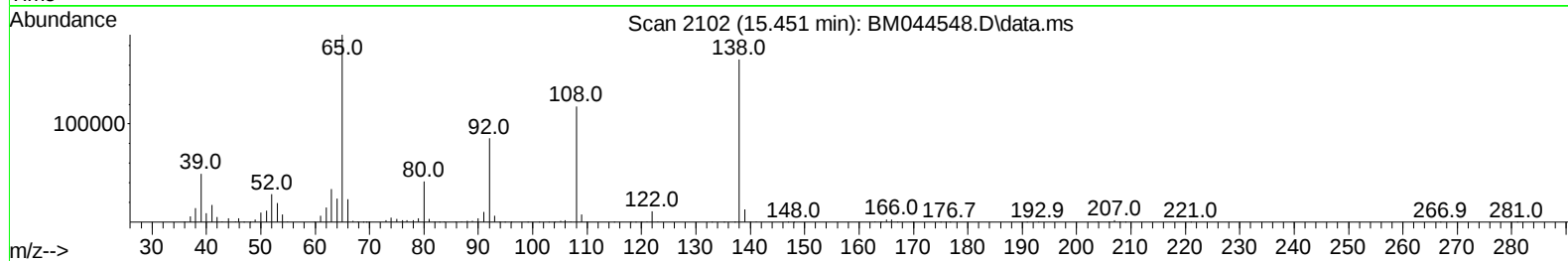
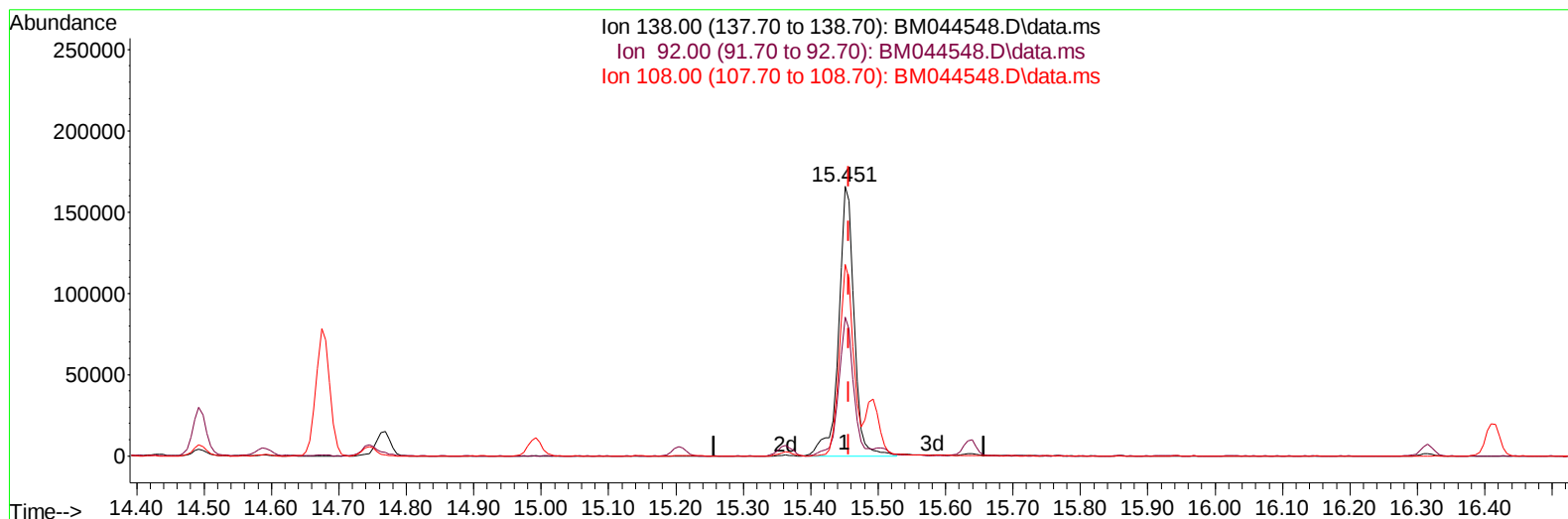
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TIC: BM044548.D\data.ms

(63) 4-Nitroaniline

15.451min (-0.006) 20.17 ng/ul m

response 264637

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	51.50
108.00	68.30	71.05
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	284511	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.504	136	1281857	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.363	164	797020	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1632263	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	1466421	20.000	ng/ul	0.00
88) Perylene-d12	23.568	264	1548665	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	55920	6.666	ng/uL	-0.01
4) Pyridine-d5	3.669	84	412769	16.718	ng/ul	-0.01
7) Phenol-d5	6.893	99	524659	17.936	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	334993	18.541	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	402631	18.731	ng/ul	-0.02
15) 4-Methylphenol-d8	8.422	113	411675	17.921	ng/ul	-0.02
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24) 2-Nitrophenol-d4	9.592	143	230004	19.766	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	398483	20.121	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.651	131	625780	19.026	ng/ul	-0.01
46) Dimethylphthalate-d6	13.786	166	1175609	18.803	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1358134	18.994	ng/ul	0.00
54) 4-Nitrophenol-d4	14.574	143	242361	18.693	ng/ul	0.00
60) Fluorene-d10	15.363	176	997887	18.993	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	193749	18.286	ng/ul	0.00
73) Anthracene-d10	17.221	188	1523794	19.531	ng/ul	0.00
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37) 1-Methylnaphthalene	12.392	142	932200	19.573	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.533	216	440775	19.439	ng/ul	99
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82) Pyrene	19.545	202	2162368	19.391	ng/ul	100
83) Butylbenzylphthalate	20.462	149	971746	17.722	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	680432	21.451	ng/ul	99
85) Benzo(a)anthracene	21.298	228	2105436	19.119	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	1473388	18.430	ng/ul	100
87) Chrysene	21.351	228	1920960	18.842	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2559439	18.467	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	2012049	19.416	ng/ul	100
91) Benzo(k)fluoranthene	22.939	252	1948340	19.197	ng/ul	99
93) Benzo(a)pyrene	23.474	252	1827352	18.851	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.850	276	1965054	18.073	ng/ul	99
95) Dibenzo(a,h)anthracene	25.868	278	1672849	18.452	ng/ul	98
96) Benzo(g,h,i)perylene	26.550	276	1519996	17.519	ng/ul	98

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

Instrument :

BNA_M

ClientSampleId :

SSTD020066

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024

Supervised By :mohammad ahmed 03/09/2024

