Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 29 Sep 2023 13:20
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020578

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 30 02:44:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	53546	20.000	ng/ul	0.00
20) Naphthalene-d8	11.076	136	280442	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.866	164	178964	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.615	188	405882	20.000	ng/ul	0.00
79) Chrysene-d12	21.916	240	363107	20.000	ng/ul	0.00
88) Perylene-d12	25.395	264	428953	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.526	96	11743	8.277	ng/uL	0.00
4) Pyridine-d5	3.961	84	90390	21.835	ng/ul	0.00
7) Phenol-d5	7.357	99	120570	22.495	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.551	67	74115	21.646	ng/ul	0.00
11) 2-Chlorophenol-d4	7.751	132	85745	23.798	ng/ul	0.00
15) 4-Methylphenol-d8	8.926	113	91192	22.010	ng/ul	0.00
21) Nitrobenzene-d5	9.425	128	46302	23.397	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.148	143	48831	25.135	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.677	165	89843	22.512	ng/ul	0.00
31) 4-Chloroaniline-d4	11.223	131	133536	20.681	ng/ul	0.00
46) Dimethylphthalate-d6	14.261	166	271290	20.967	ng/ul	0.00
49) Acenaphthylene-d8	14.566	160	325800	20.061	ng/ul	0.00
54) 4-Nitrophenol-d4	15.060	143	47452	21.001	ng/ul	0.00
60) Fluorene-d10	15.853	176	251568	20.428	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.964	200	42115	20.186	ng/ul	0.00
73) Anthracene-d10	17.715	188	373591	20.201	ng/ul	0.00
81) Pyrene-d10	19.989	212	420298	20.669	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.148	264	421703	20.458	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	13262	7.956	ng/uL#	72
5) Pyridine	3.984	79	92129	21.916	ng/ul	92
6) Benzaldehyde	7.380	77	57825	24.567	ng/ul	90
8) Phenol	7.386	94	119636	22.438	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.645	93	94635	21.641	ng/ul	99
12) 2-Chlorophenol	7.780	128	89251	23.494	ng/ul	98
13) 2-Methylphenol	8.661	108	88011	21.848	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.738	45	208595m	21.578	ng/ul	
16) Acetophenone	9.073	105	142372	22.188	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.037	70	70770	21.743	ng/ul#	94
18) 4-Methylphenol	8.996	108	95211	22.307	ng/ul	98
19) Hexachloroethane	9.313	117	34098	22.784	ng/ul	92
22) Nitrobenzene	9.472	77	103651	21.218	ng/ul	96
23) Isophorone	9.977	82	214619	20.430	ng/ul	98
25) 2-Nitrophenol	10.183	139	50802	23.733	ng/ul	90
26) 2,4-Dimethylphenol	10.207	107	99967	21.841	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.465	93	134944	20.359	ng/ul	98
29) 2,4-Dichlorophenol	10.706	162	88843	22.395	ng/ul	99
30) Naphthalene	11.123	128	312553	20.786	ng/ul	96
32) 4-Chloroaniline	11.246	127	128683	20.841	ng/ul	97
33) Hexachlorobutadiene	11.352	225	56603	21.319	ng/ul	93
34) Caprolactam	12.022	113	28463	20.736	ng/ul	91
35) 4-Chloro-3-methylphenol	12.322	107	93407	22.067	ng/ul	92
36) 2-Methylnaphthalene	12.709	142	199165	20.219	ng/ul	92

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ClientSampleId :
SSTD020578

Manual Integrations APPROVED
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Supervised By :mohammad ahmed 10/03/2023

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.927	142	207462	20.751	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.050	216	104474	19.499	ng/ul	99
40) Hexachlorocyclopentadiene	13.003	237	63932	19.344	ng/ul	95
41) 2,4,6-Trichlorophenol	13.297	196	70594	21.520	ng/ul#	76
42) 2,4,5-Trichlorophenol	13.368	196	76228	22.146	ng/ul	96
43) 1,1'-Biphenyl	13.702	154	287345	19.881	ng/ul	95
44) 2-Chloronaphthalene	13.755	162	223714	20.558	ng/ul	99
45) 2-Nitroaniline	13.973	65	70666	23.022	ng/ul	96
47) Dimethylphthalate	14.308	163	274772	20.733	ng/ul	99
48) 2,6-Dinitrotoluene	14.454	165	52576	23.325	ng/ul	91
50) Acenaphthylene	14.595	152	359062	20.712	ng/ul	96
51) 3-Nitroaniline	14.789	138	55555	22.831	ng/ul#	92
52) Acenaphthene	14.930	153	242903	20.414	ng/ul	93
53) 2,4-Dinitrophenol	14.989	184	20498	16.359	ng/ul#	81
55) 4-Nitrophenol	15.071	109	33055	20.739	ng/ul#	81
56) Dibenzofuran	15.265	168	324839	20.595	ng/ul	99
57) 2,4-Dinitrotoluene	15.230	165	75938	22.752	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.471	232	67496	21.661	ng/ul#	92
59) Diethylphthalate	15.653	149	264232	20.624	ng/ul	99
61) Fluorene	15.906	166	267966	20.234	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.888	204	140020	21.209	ng/ul	96
63) 4-Nitroaniline	15.953	138	51089	22.814	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.976	198	46440	21.111	ng/ul#	89
67) N-Nitrosodiphenylamine	16.111	169	222366	20.553	ng/ul	99
68) 4-Bromophenyl-phenylether	16.787	248	78616	19.993	ng/ul	96
69) Hexachlorobenzene	16.881	284	92903	20.914	ng/ul	96
70) Atrazine	17.046	200	86961	21.138	ng/ul	95
71) Pentachlorophenol	17.239	266	52385	20.490	ng/ul	93
72) Phenanthrene	17.657	178	454759	20.416	ng/ul	99
74) Anthracene	17.751	178	469352	20.407	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.661	216	113081	21.142	ng/uL	94
76) Pentachlorobenzene	15.154	250	108719	20.586	ng/uL	100
77) Carbazole	18.027	167	392009	20.912	ng/ul	98
78) Di-n-butylphthalate	18.532	149	474190	21.339	ng/ul	99
80) Fluoranthene	19.654	202	520843	20.792	ng/ul	98
82) Pyrene	20.019	202	557152	20.998	ng/ul	99
83) Butylbenzylphthalate	20.871	149	206546	22.074	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.811	252	187514	22.299	ng/ul#	99
85) Benzo(a)anthracene	21.893	228	527709	20.645	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.728	149	310229	21.835	ng/ul	97
87) Chrysene	21.963	228	500295	20.724	ng/ul	98
89) Di-n-octyl phthalate	23.021	149	516541	20.705	ng/ul	100
90) Benzo(b)fluoranthene	24.272	252	534778	20.355	ng/ul	96
91) Benzo(k)fluoranthene	24.349	252	541673	20.348	ng/ul	100
93) Benzo(a)pyrene	25.230	252	505728	20.291	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.419	276	572184m	20.281	ng/ul	
95) Dibenzo(a,h)anthracene	29.496	278	470557	20.510	ng/ul	97
96) Benzo(g,h,i)perylene	30.700	276	448840	19.566	ng/ul	95

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

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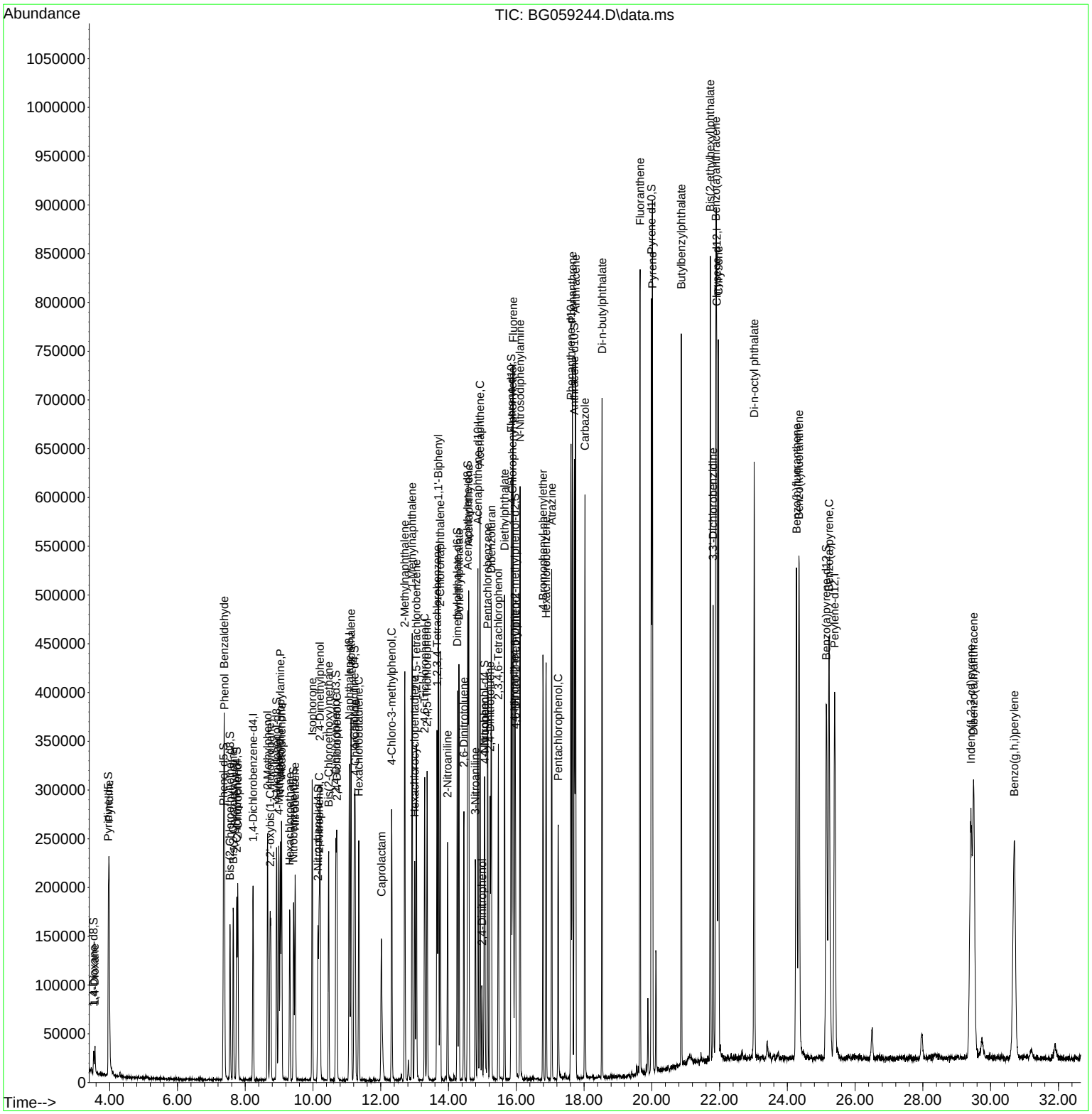
Data File : BG059244.D
Acq On : 29 Sep 2023 13:20
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Sep 30 02:44:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020578

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/03/2023



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 29 Sep 2023 13:20
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Oct 02 10:29:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
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BNA_G
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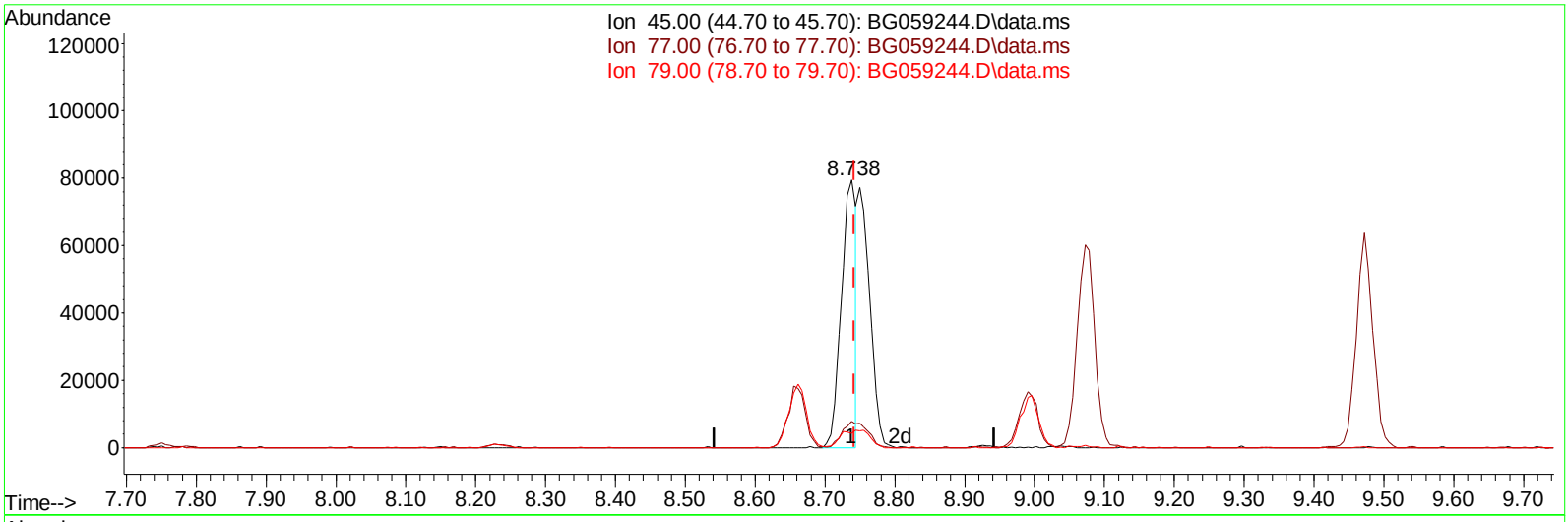
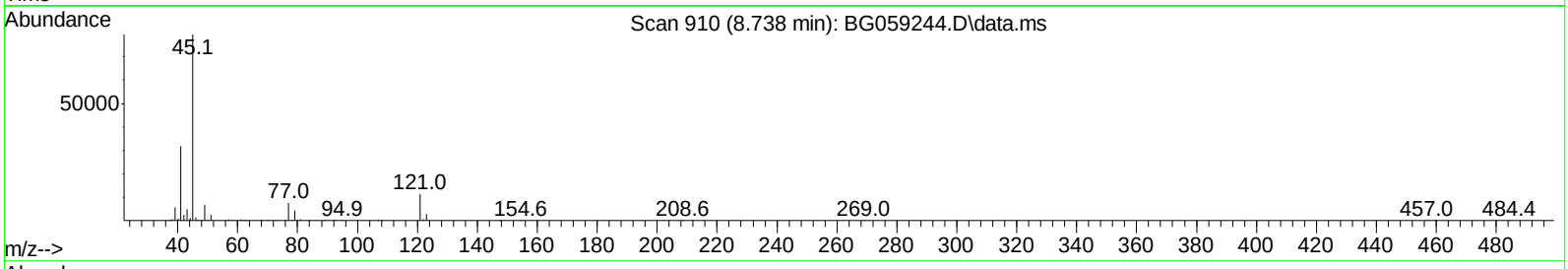
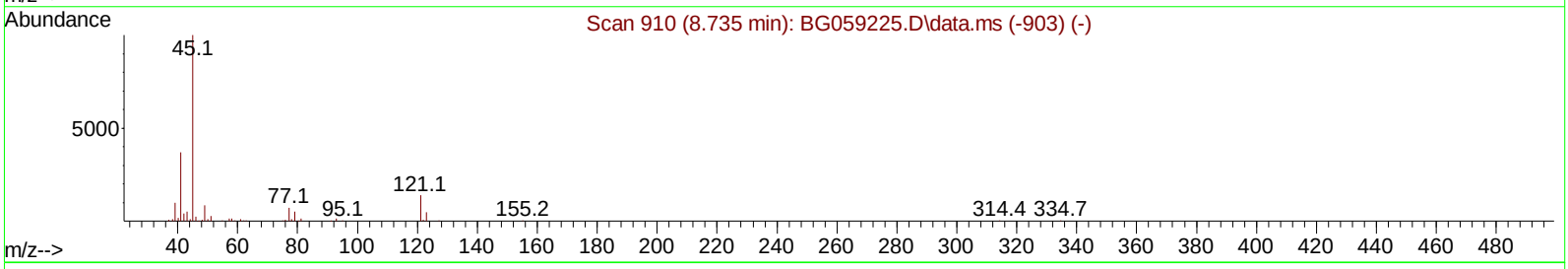
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/03/2023







TIC: BG059244.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.738min (-0.005) 12.07 ng/ul

response 116722

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	8.20	9.83
79.00	7.40	5.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
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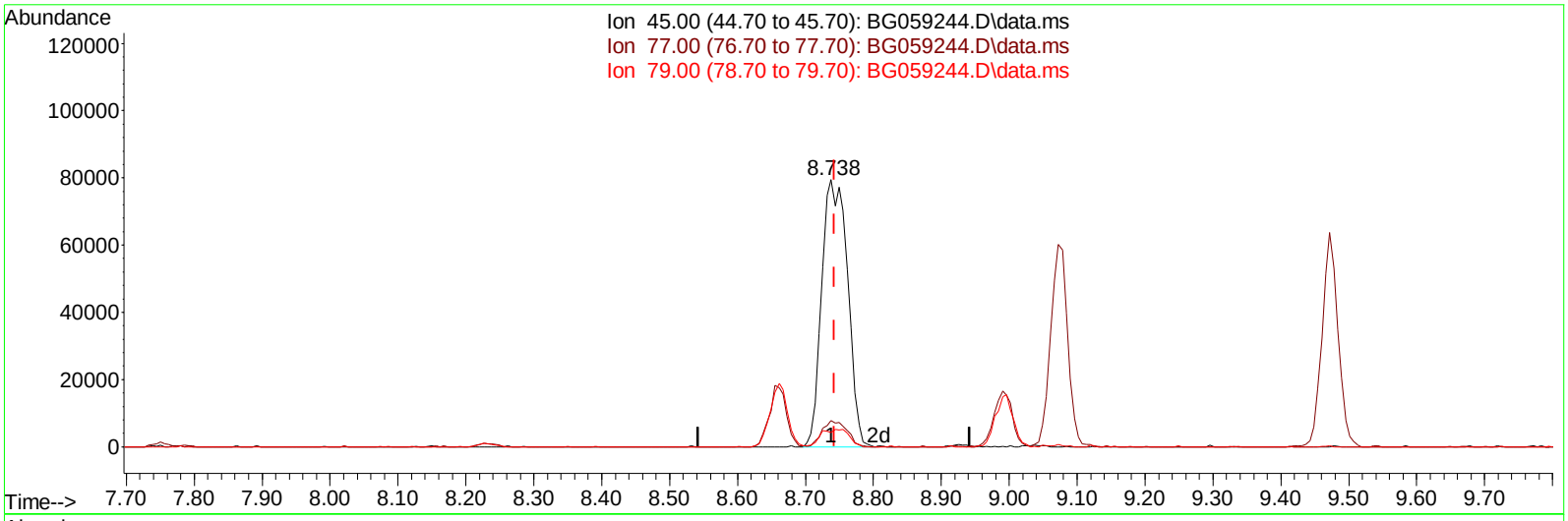

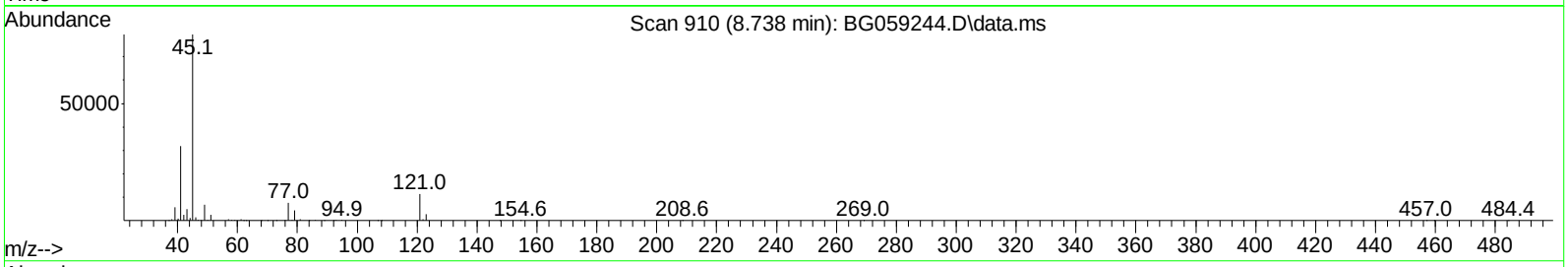

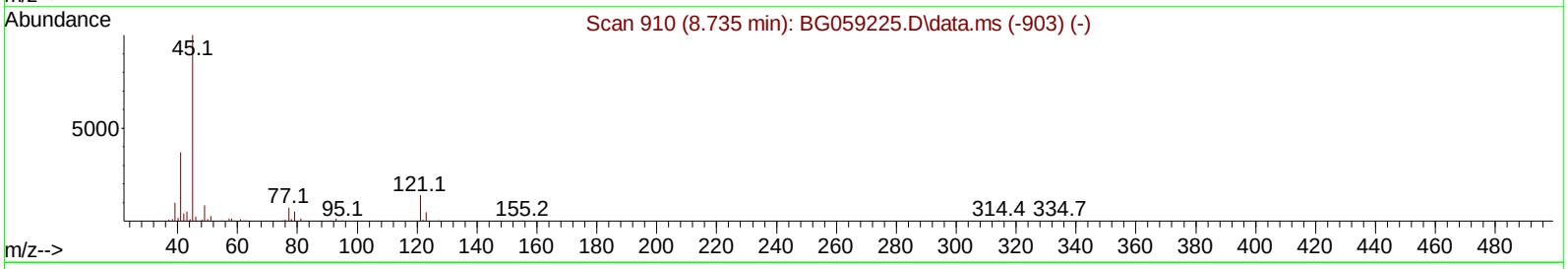

TIC: BG059244.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.738min (-0.005) 21.58 ng/ul m

response 208595

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	8.20	9.83
79.00	7.40	5.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

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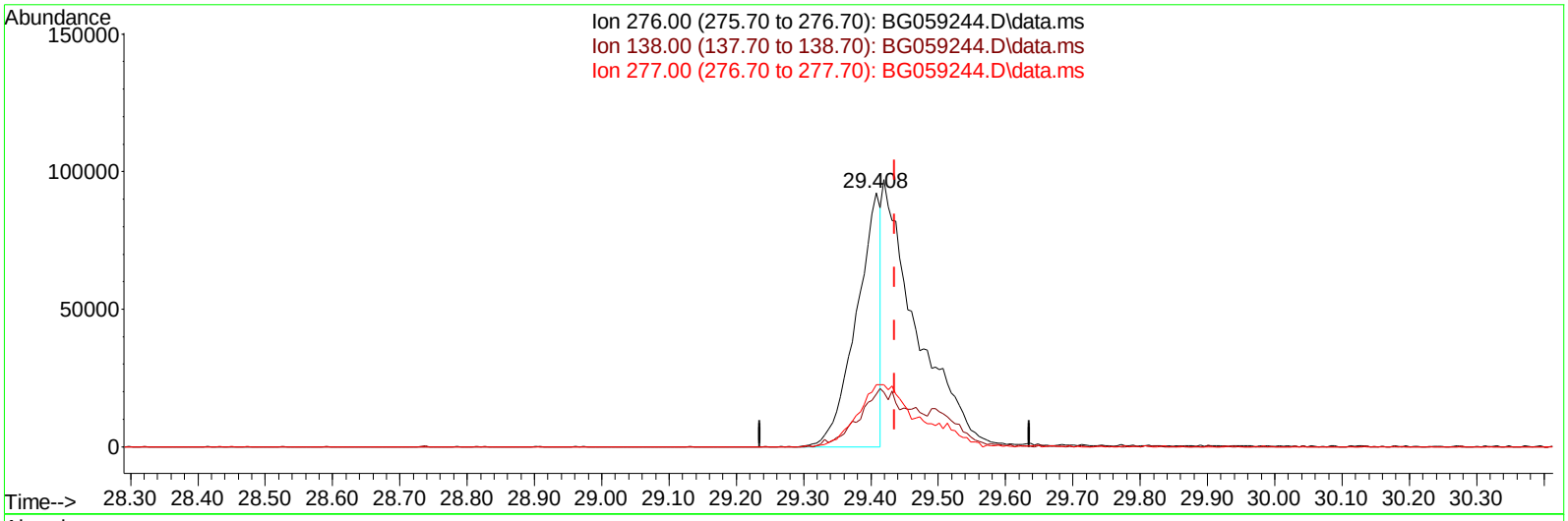

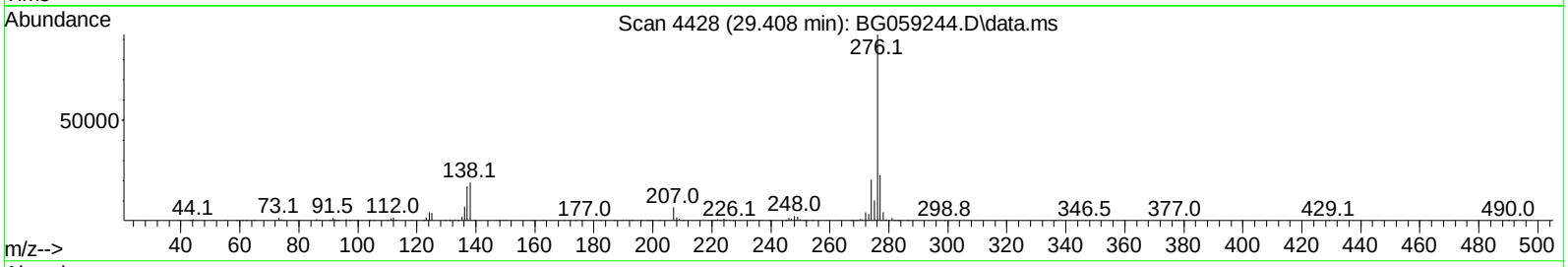

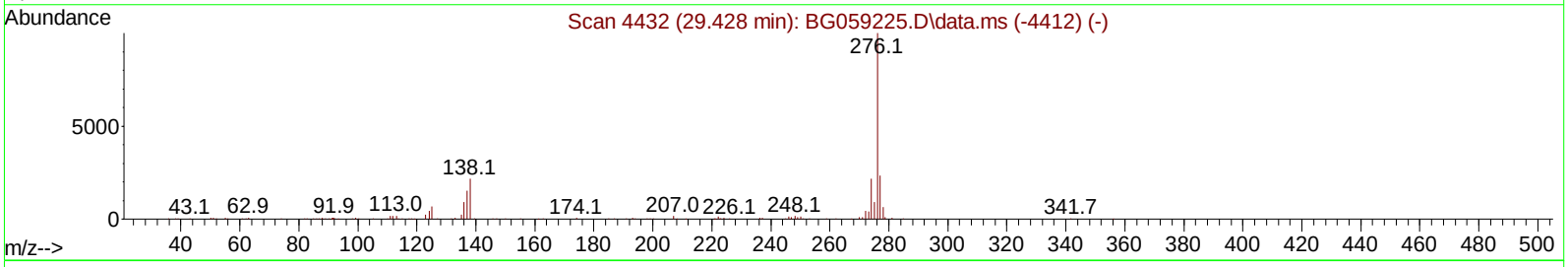

TIC: BG059244.D\data.ms

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

29.408min (-0.028) 8.22 ng/ul

response 232019

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	20.59
277.00	23.30	24.38
0.00	0.00	0.00

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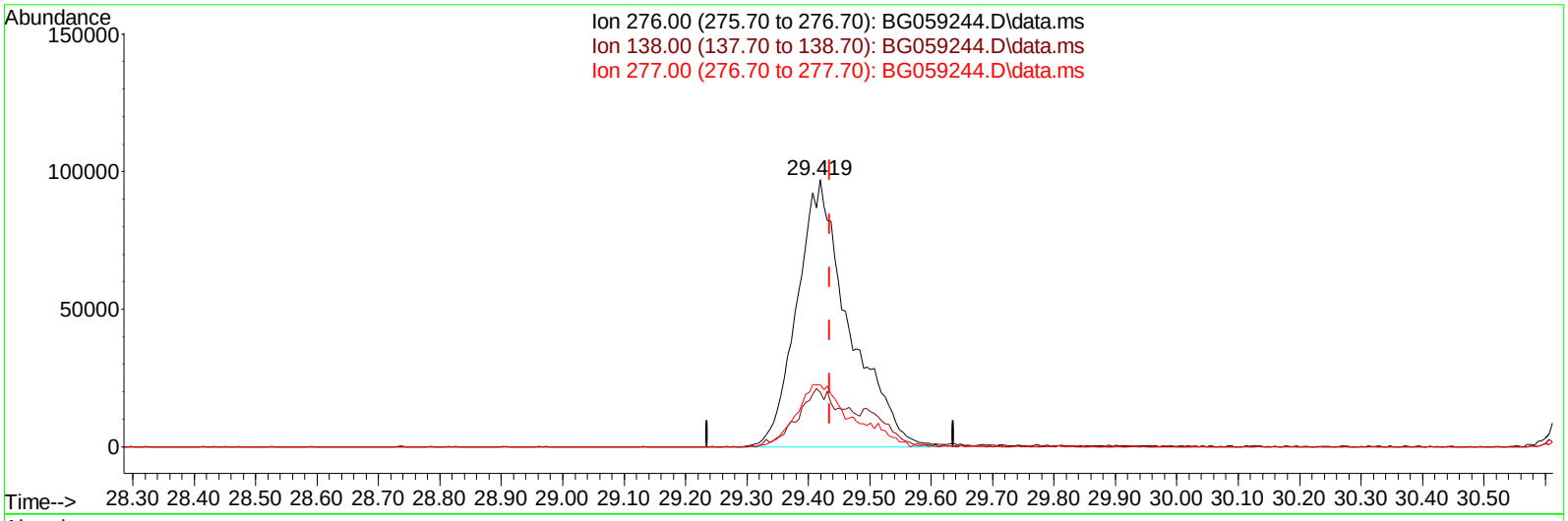

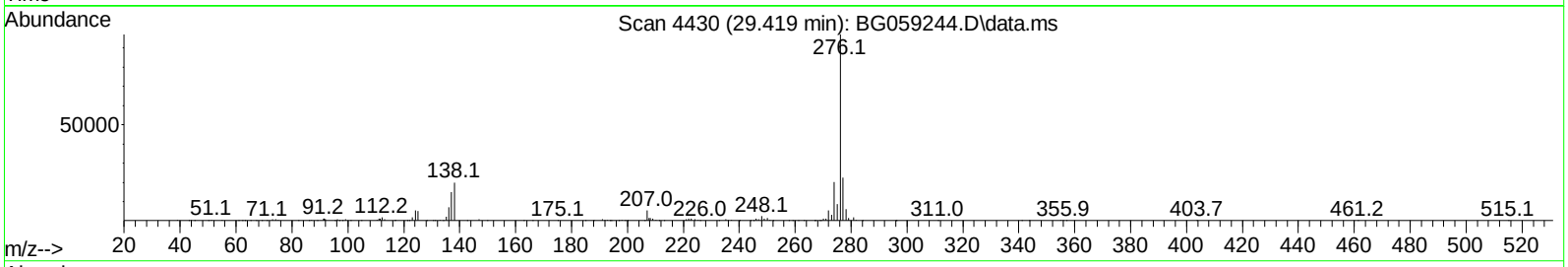

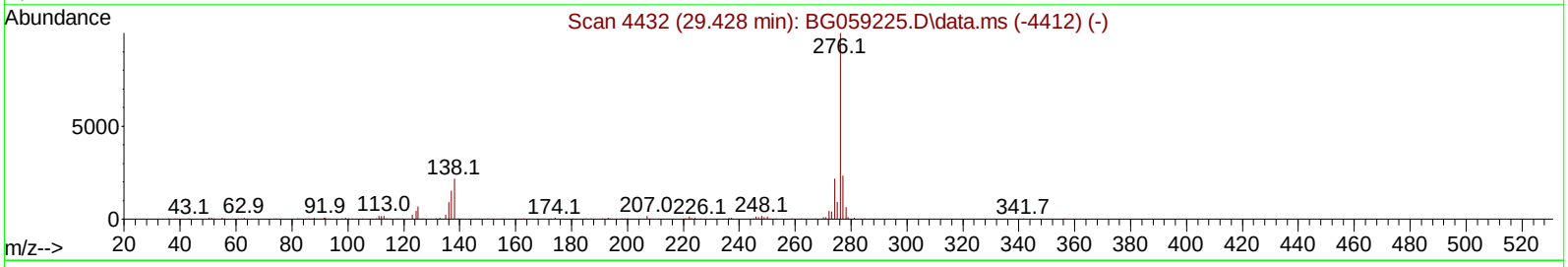

TIC: BG059244.D\data.ms

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

29.419min (-0.016) 20.28 ng/ul m

response 572184

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	20.48
277.00	23.30	23.27
0.00	0.00	0.00

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81) Pyrene-d10	19.989	212	420298	20.669	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.148	264	421703	20.458	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	13262	7.956	ng/uL#	72
5) Pyridine	3.984	79	92129	21.916	ng/ul	92
6) Benzaldehyde	7.380	77	57825	24.567	ng/ul	90
8) Phenol	7.386	94	119636	22.438	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.645	93	94635	21.641	ng/ul	99
12) 2-Chlorophenol	7.780	128	89251	23.494	ng/ul	98
13) 2-Methylphenol	8.661	108	88011	21.848	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.738	45	208595m	21.578	ng/ul	
16) Acetophenone	9.073	105	142372	22.188	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.037	70	70770	21.743	ng/ul#	94
18) 4-Methylphenol	8.996	108	95211	22.307	ng/ul	98
19) Hexachloroethane	9.313	117	34098	22.784	ng/ul	92
22) Nitrobenzene	9.472	77	103651	21.218	ng/ul	96
23) Isophorone	9.977	82	214619	20.430	ng/ul	98
25) 2-Nitrophenol	10.183	139	50802	23.733	ng/ul	90
26) 2,4-Dimethylphenol	10.207	107	99967	21.841	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.465	93	134944	20.359	ng/ul	98
29) 2,4-Dichlorophenol	10.706	162	88843	22.395	ng/ul	99
30) Naphthalene	11.123	128	312553	20.786	ng/ul	96
32) 4-Chloroaniline	11.246	127	128683	20.841	ng/ul	97
33) Hexachlorobutadiene	11.352	225	56603	21.319	ng/ul	93
34) Caprolactam	12.022	113	28463	20.736	ng/ul	91
35) 4-Chloro-3-methylphenol	12.322	107	93407	22.067	ng/ul	92

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059244.D
Acq On : 29 Sep 2023 13:20
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Sep 30 02:44:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020578

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.709	142	199165	20.219	ng/ul	92
37) 1-Methylnaphthalene	12.927	142	207462	20.751	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.050	216	104474	19.499	ng/ul	99
40) Hexachlorocyclopentadiene	13.003	237	63932	19.344	ng/ul	95
41) 2,4,6-Trichlorophenol	13.297	196	70594	21.520	ng/ul#	76
42) 2,4,5-Trichlorophenol	13.368	196	76228	22.146	ng/ul	96
43) 1,1'-Biphenyl	13.702	154	287345	19.881	ng/ul	95
44) 2-Chloronaphthalene	13.755	162	223714	20.558	ng/ul	99
45) 2-Nitroaniline	13.973	65	70666	23.022	ng/ul	96
47) Dimethylphthalate	14.308	163	274772	20.733	ng/ul	99
48) 2,6-Dinitrotoluene	14.454	165	52576	23.325	ng/ul	91
50) Acenaphthylene	14.595	152	359062	20.712	ng/ul	96
51) 3-Nitroaniline	14.789	138	55555	22.831	ng/ul#	92
52) Acenaphthene	14.930	153	242903	20.414	ng/ul	93
53) 2,4-Dinitrophenol	14.989	184	20498	16.359	ng/ul#	81
55) 4-Nitrophenol	15.071	109	33055	20.739	ng/ul#	81
56) Dibenzofuran	15.265	168	324839	20.595	ng/ul	99
57) 2,4-Dinitrotoluene	15.230	165	75938	22.752	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.471	232	67496	21.661	ng/ul#	92
59) Diethylphthalate	15.653	149	264232	20.624	ng/ul	99
61) Fluorene	15.906	166	267966	20.234	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.888	204	140020	21.209	ng/ul	96
63) 4-Nitroaniline	15.953	138	51089	22.814	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.976	198	46440	21.111	ng/ul#	89
67) N-Nitrosodiphenylamine	16.111	169	222366	20.553	ng/ul	99
68) 4-Bromophenyl-phenylether	16.787	248	78616	19.993	ng/ul	96
69) Hexachlorobenzene	16.881	284	92903	20.914	ng/ul	96
70) Atrazine	17.046	200	86961	21.138	ng/ul	95
71) Pentachlorophenol	17.239	266	52385	20.490	ng/ul	93
72) Phenanthrene	17.657	178	454759	20.416	ng/ul	99
74) Anthracene	17.751	178	469352	20.407	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.661	216	113081	21.142	ng/uL	94
76) Pentachlorobenzene	15.154	250	108719	20.586	ng/uL	100
77) Carbazole	18.027	167	392009	20.912	ng/ul	98
78) Di-n-butylphthalate	18.532	149	474190	21.339	ng/ul	99
80) Fluoranthene	19.654	202	520843	20.792	ng/ul	98
82) Pyrene	20.019	202	557152	20.998	ng/ul	99
83) Butylbenzylphthalate	20.871	149	206546	22.074	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.811	252	187514	22.299	ng/ul#	99
85) Benzo(a)anthracene	21.893	228	527709	20.645	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.728	149	310229	21.835	ng/ul	97
87) Chrysene	21.963	228	500295	20.724	ng/ul	98
89) Di-n-octyl phthalate	23.021	149	516541	20.705	ng/ul	100
90) Benzo(b)fluoranthene	24.272	252	534778	20.355	ng/ul	96
91) Benzo(k)fluoranthene	24.349	252	541673	20.348	ng/ul	100
93) Benzo(a)pyrene	25.230	252	505728	20.291	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.419	276	572184m	20.281	ng/ul	
95) Dibenzo(a,h)anthracene	29.496	278	470557	20.510	ng/ul	97
96) Benzo(g,h,i)perylene	30.700	276	448840	19.566	ng/ul	95

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

Instrument :
BNA_G
ClientSampleId :
SSTD020578

Manual Integrations
APPROVED

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