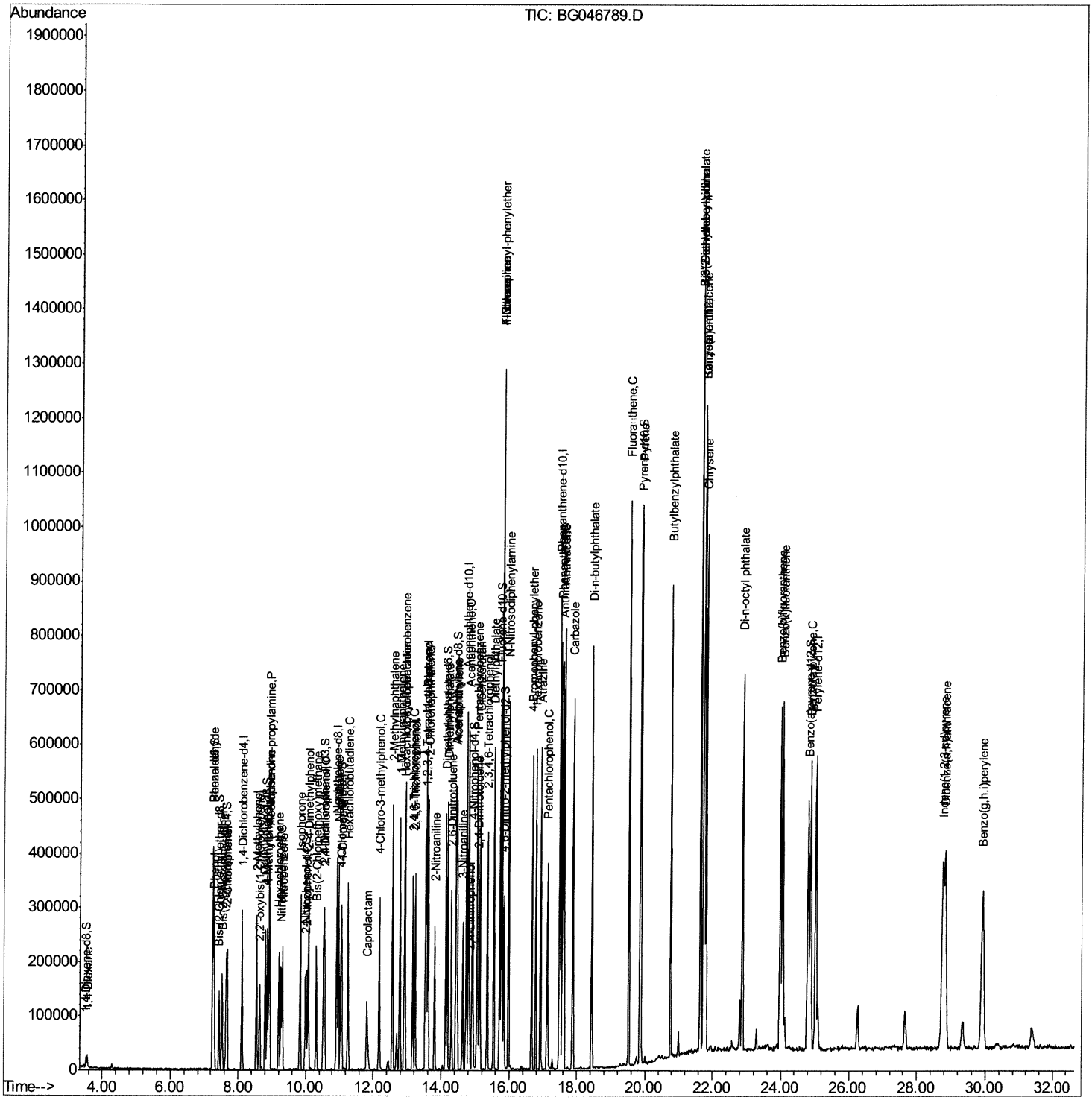
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG100620\
Data File : BG046789.D
Acq On : 6 Oct 2020 8:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 06 11:41:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 06 10:28:44 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/7/2020 10:40:12 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG100620\
Data File : BG046789.D
Acq On : 6 Oct 2020 8:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 06 11:38:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 06 10:28:44 2020
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Instrument :
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Manual Integrations APPROVED
mohammad
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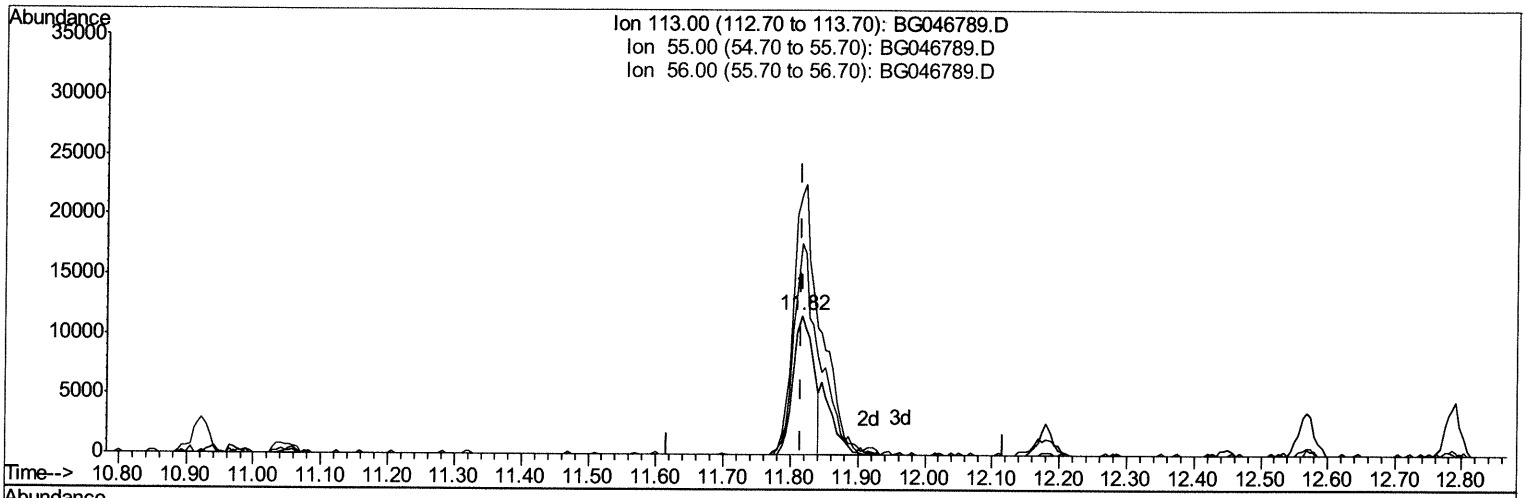
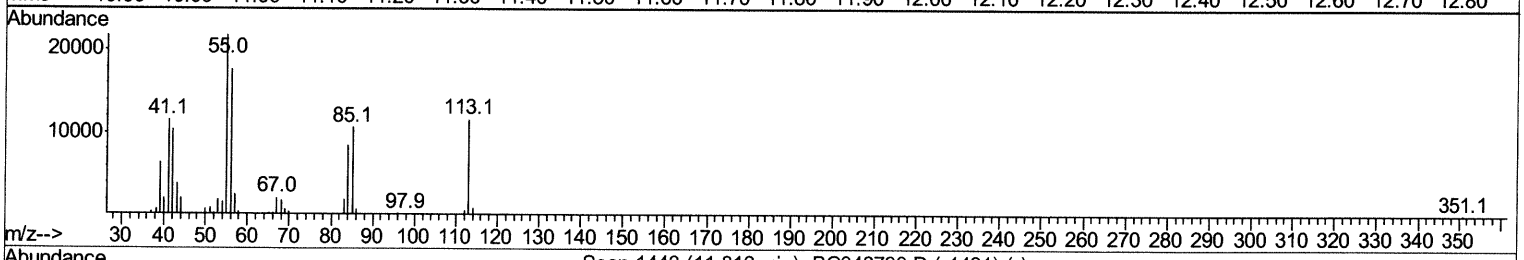
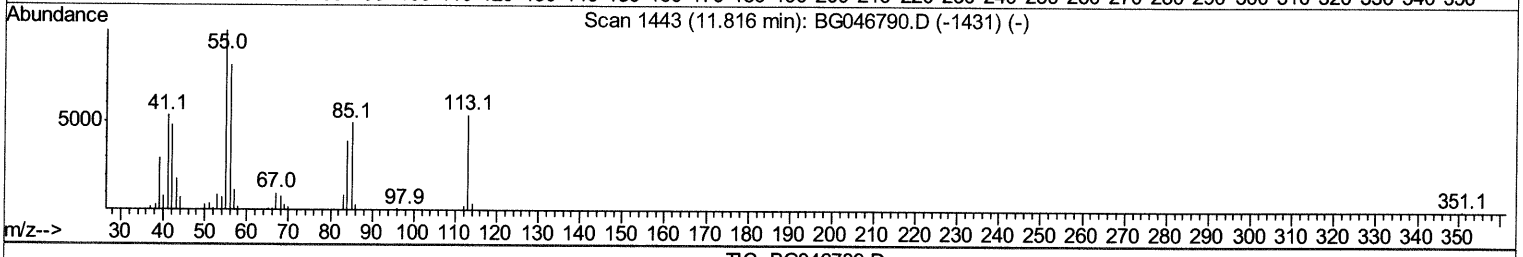






TIC: BG046789.D

(32) Caprolactam

11.816min (0.000) 12.65ng/ul

response 24016

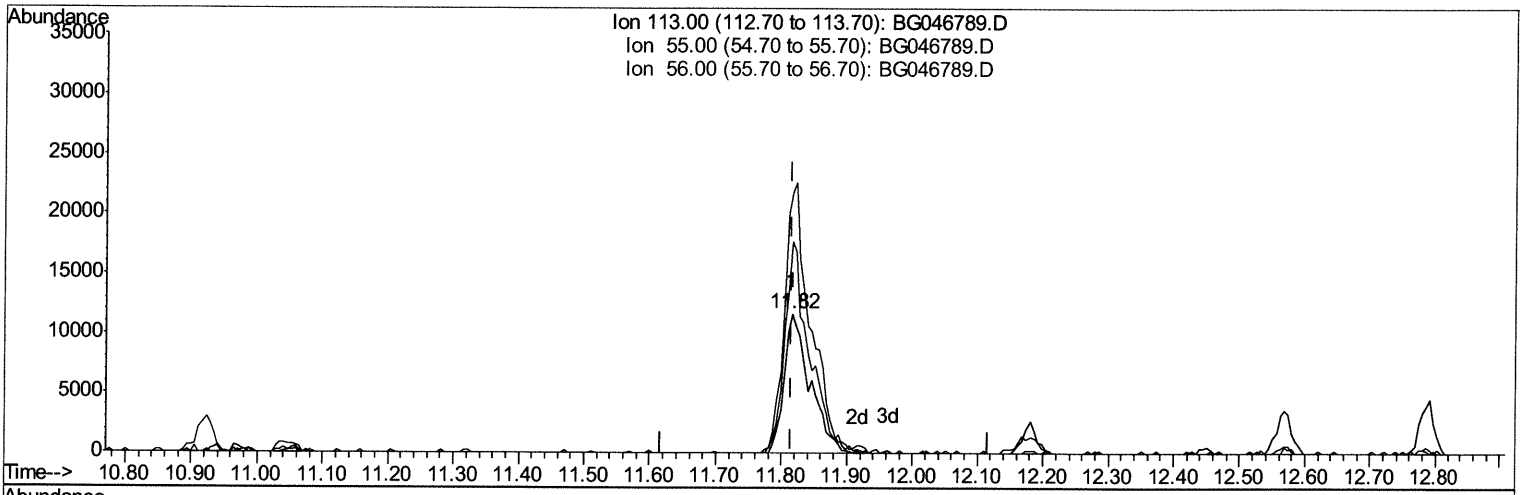
Ion	Exp%	Act%
113.00	100	100
55.00	182.10	187.35
56.00	144.10	152.25
0.00	0.00	0.00

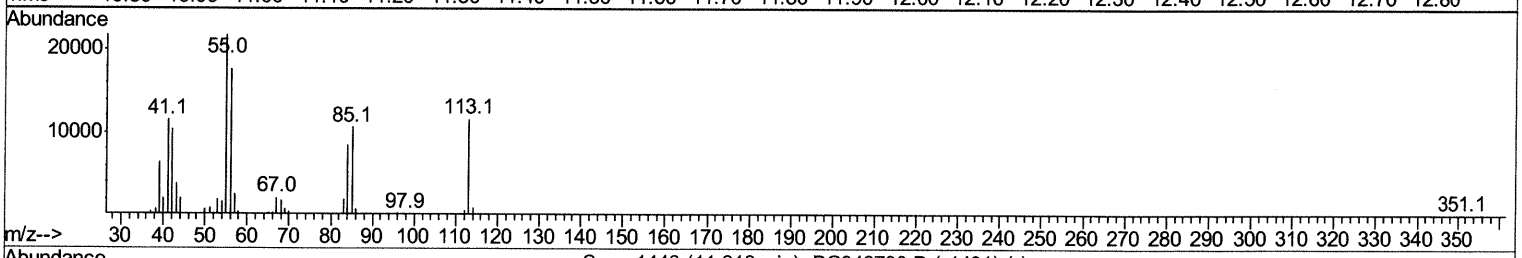
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG100620\
Data File : BG046789.D
Acq On : 6 Oct 2020 8:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

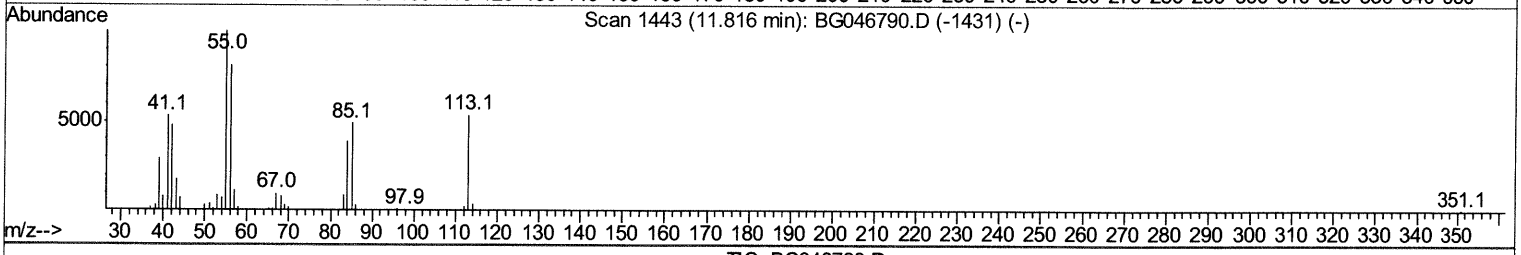
Quant Time: Oct 06 11:38:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 06 10:28:44 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/7/2020 10:40:12 AM







TIC: BG046789.D

(32) Caprolactam

11.816min (0.000) 17.12ng/ul m 10/08/20 SU

response 32492

Ion	Exp%	Act%
113.00	100	100
55.00	182.10	187.35
56.00	144.10	152.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG100620\
Data File : BG046789.D
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 06 10:28:44 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
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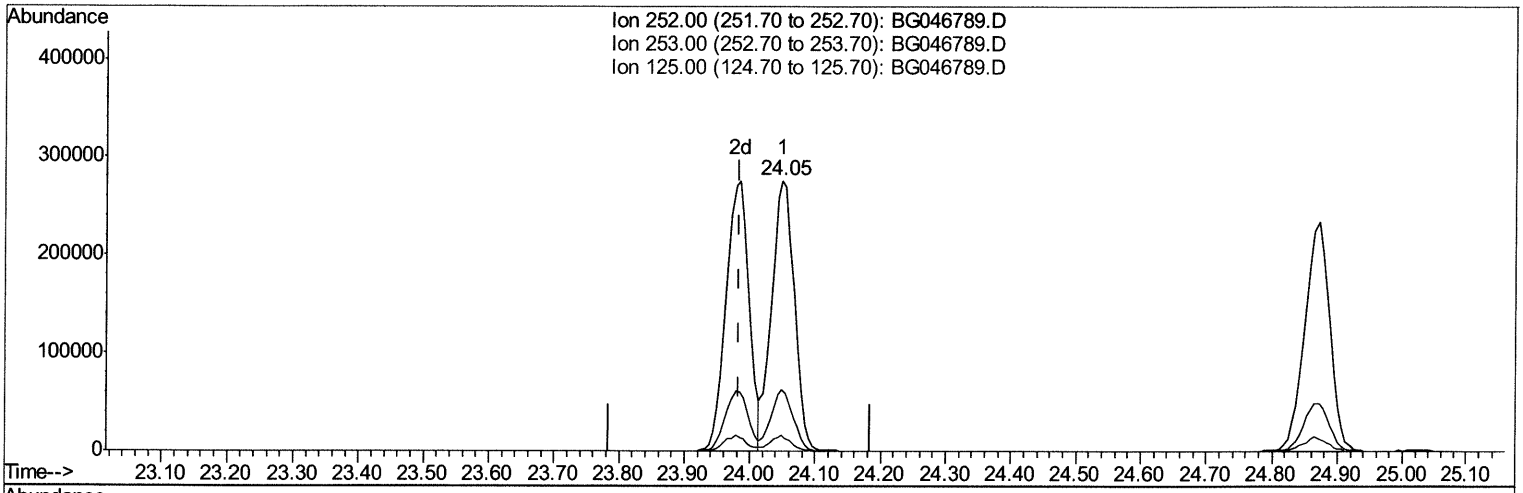

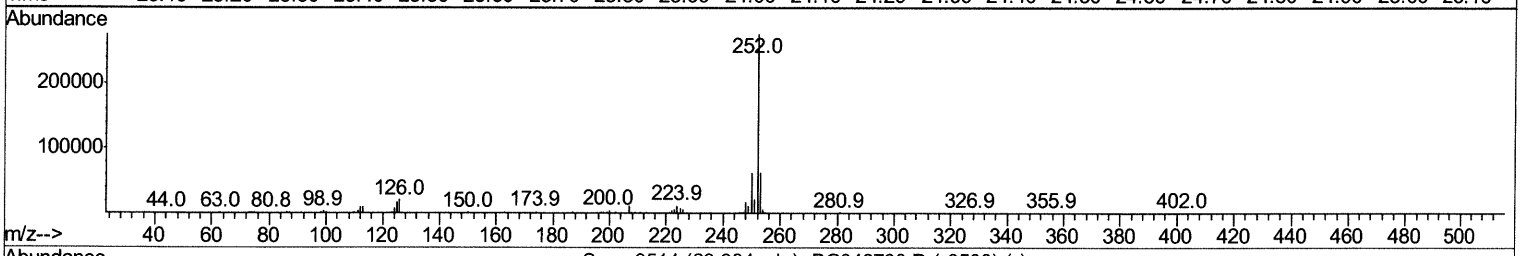

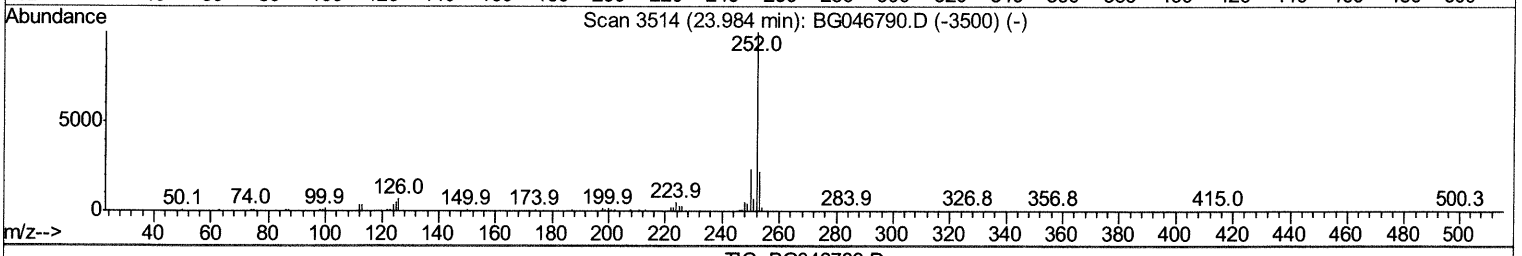

TIC: BG046789.D

(88) Benzo(b)fluoranthene

24.049min (+0.065) 17.10ng/ul

response 662314

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.66
125.00	6.20	5.99
0.00	0.00	0.00

Quantitation Report (Qedit)

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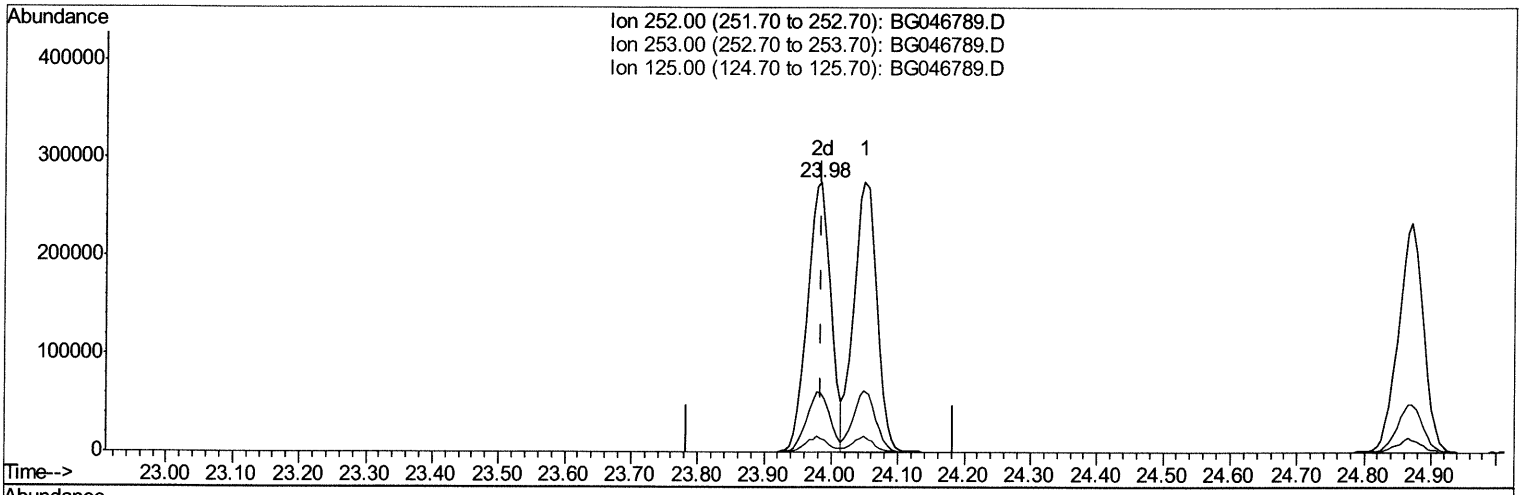
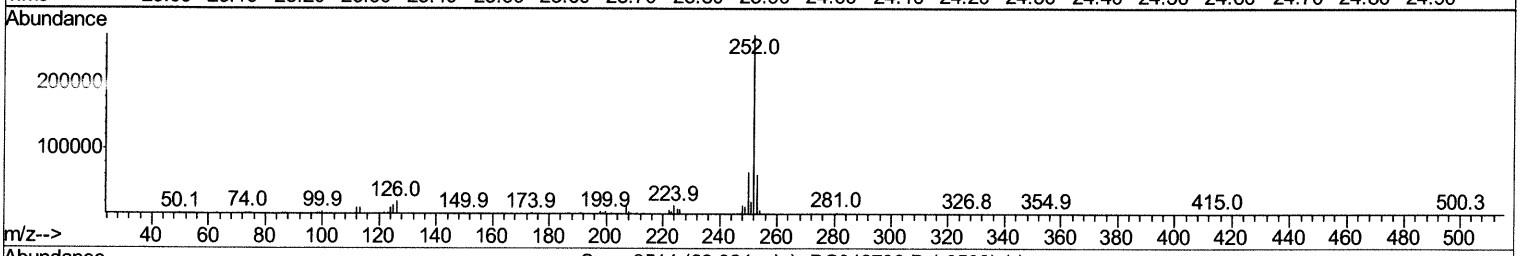
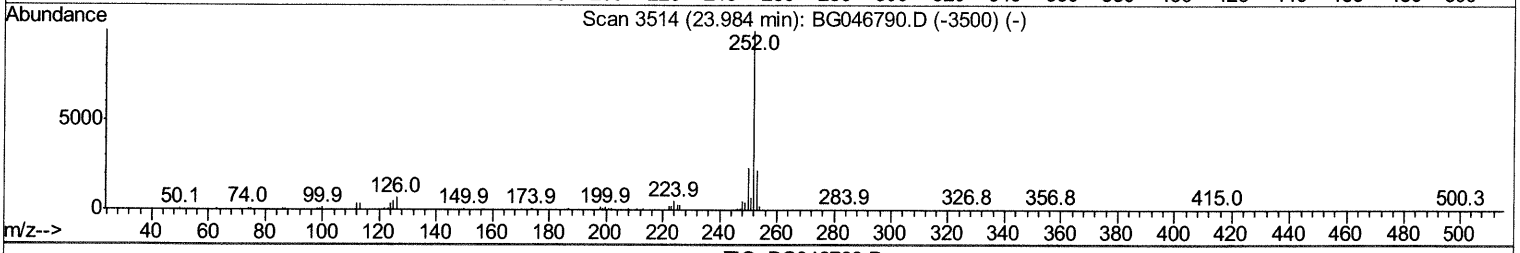
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/7/2020 10:40:12 AM







TIC: BG046789.D

(88) Benzo(b)fluoranthene

23.984min (0.000) 17.31ng/ul m 10/08/20 SU

response 670404

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	21.77
125.00	6.20	4.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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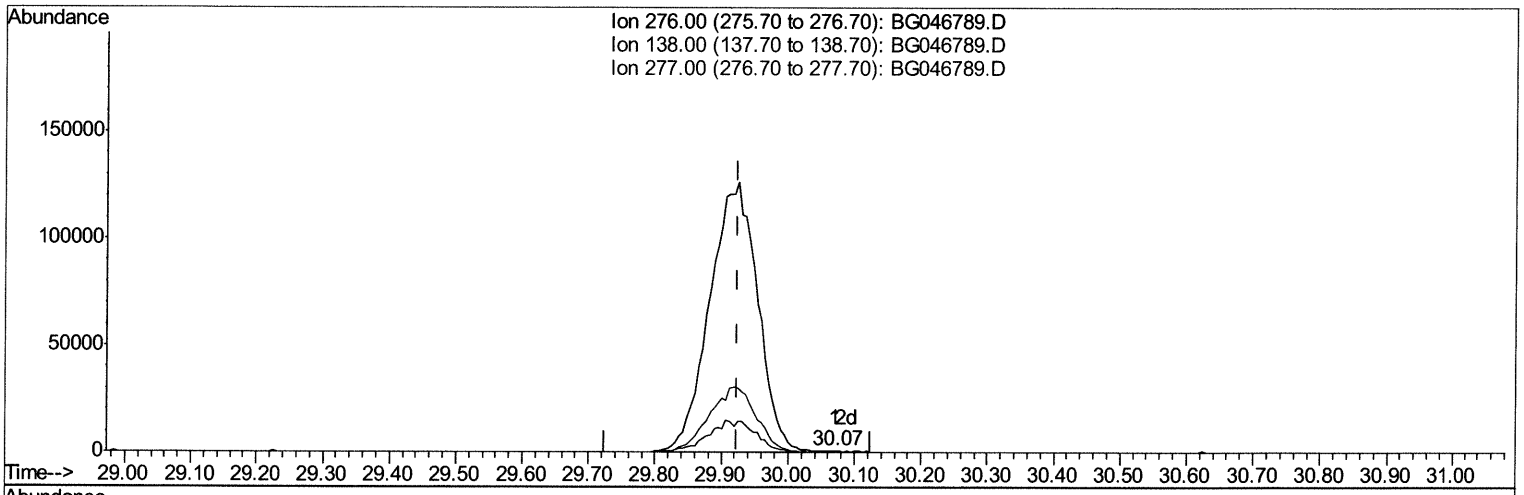
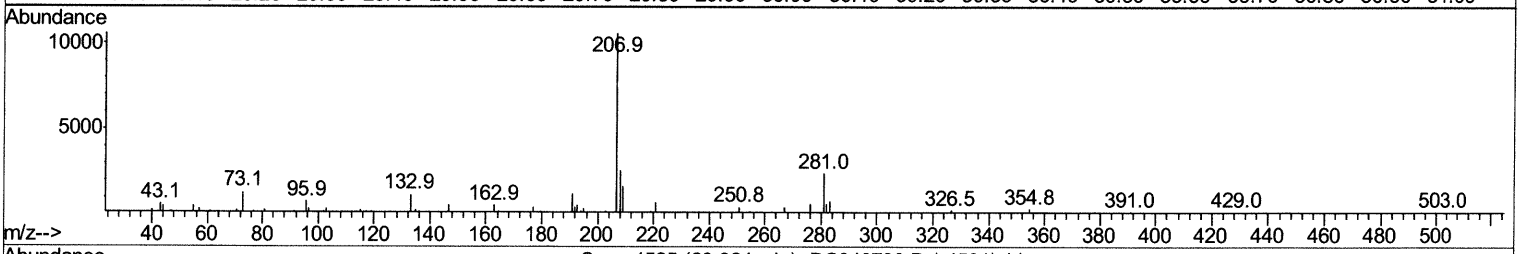
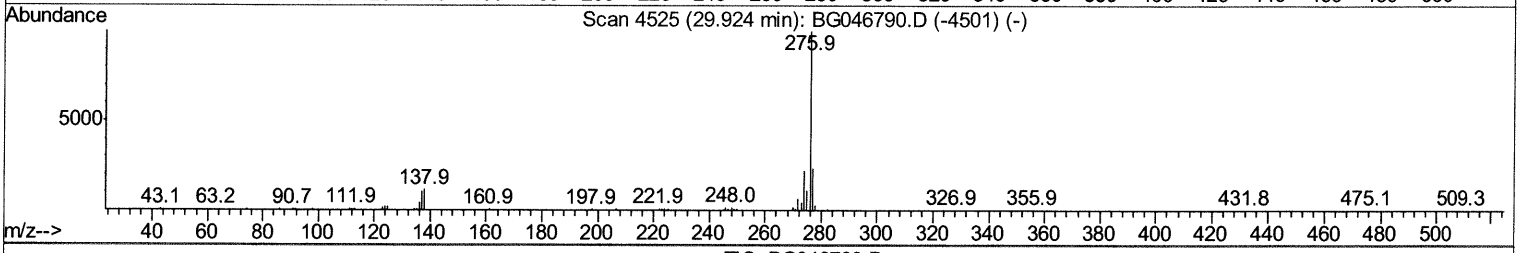
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/7/2020 10:40:12 AM







TIC: BG046789.D

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

30.071min (+0.147) 0.01ng/ul

response 534

Ion	Exp%	Act%
276.00	100	100
138.00	12.00	0.00#
277.00	22.60	27.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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BNA_G
LabSampleId :
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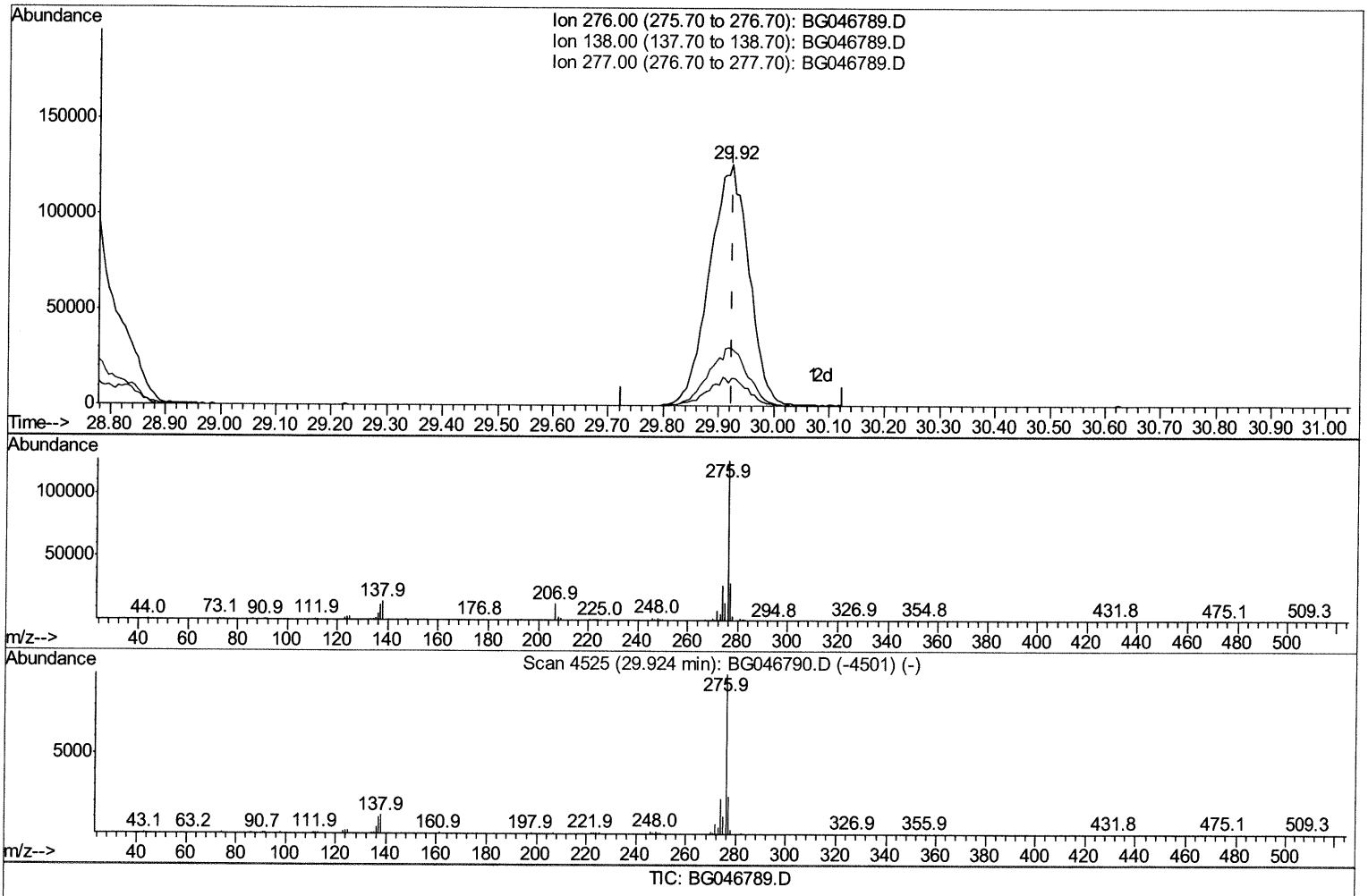
Manual Integrations APPROVED
mohammad
10/7/2020 10:40:12 AM



TIC: BG046789.D

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

29.924min (0.000) 17.50ng/ul m 10/08/20 JU

response 630570

Ion	Exp%	Act%
276.00	100	100
138.00	12.00	11.51
277.00	22.60	23.42
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG100620\
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Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
mohammad
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	78411	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	320220	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	233823	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	552465	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	577611	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	585514	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	10539	6.30	ng/uL	0.00
5) Phenol-d5	7.25	99	117683	17.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	69282	16.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	89039	18.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	92591	17.87	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	43026	21.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	48643	22.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	101574	18.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	122017	18.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	305067	17.25	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	361853	17.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	51911	18.42	ng/ul	0.00
58) Fluorene-d10	15.72	176	284149	17.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	51009	20.43	ng/ul	0.00
71) Anthracene-d10	17.57	188	434055	17.13	ng/ul	0.00
79) Pyrene-d10	19.85	212	533875	17.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	552481	17.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	12418	6.488	ng/uL	97
4) Benzaldehyde	7.24	77	85746	18.321	ng/ul	97
6) Phenol	7.28	94	122685	17.617	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.52	93	94128	17.384	ng/ul	96
10) 2-Chlorophenol	7.67	128	89459	18.220	ng/ul	95
11) 2-Methylphenol	8.54	108	91729	17.664	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.64	45	140102	16.330	ng/ul	95
14) Acetophenone	8.93	105	148959	17.552	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.91	70	78876	16.825	ng/ul#	96
16) 4-Methylphenol	8.87	108	95820	17.616	ng/ul	92
17) Hexachloroethane	9.20	117	36584	16.484	ng/ul	87
20) Nitrobenzene	9.31	77	124792	20.796	ng/ul	94
21) Isophorone	9.84	82	218680	16.322	ng/ul	98
23) 2-Nitrophenol	10.03	139	53241	22.183	ng/ul#	89
24) 2,4-Dimethylphenol	10.08	107	112687	17.413	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.32	93	125835	16.308	ng/ul	99
27) 2,4-Dichlorophenol	10.56	162	100570	18.881	ng/ul	99
28) Naphthalene	10.98	128	302301	17.145	ng/ul	99
30) 4-Chloroaniline	11.07	127	118054	18.310	ng/ul	98
31) Hexachlorobutadiene	11.26	225	82761	17.391	ng/ul	95
32) Caprolactam	11.82	113	32492m>	17.115	ng/ul>	10/08/20 JU
33) 4-Chloro-3-methylphenol	12.18	107	108594	18.292	ng/ul	96
34) 2-Methylnaphthalene	12.57	142	224688	17.309	ng/ul	99

Quantitation Report (QT Reviewed)

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LabSampleId : SSTDCCC020

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mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	216190	17.173	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	155686	18.108	ng/ul	97
38) Hexachlorocyclopentadiene	12.91	237	70138	12.775	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.17	196	94272	19.386	ng/ul#	93
40) 2,4,5-Trichlorophenol	13.24	196	99732	19.534	ng/ul	87
41) 1,1'-Biphenyl	13.57	154	304929	16.820	ng/ul	98
42) 2-Chloronaphthalene	13.61	162	248024	17.231	ng/ul	95
43) 2-Nitroaniline	13.81	65	76089	22.983	ng/ul	98
45) Dimethylphthalate	14.18	163	308625	16.903	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	65140	22.484	ng/ul	95
48) Acenaphthylene	14.45	152	361093	17.058	ng/ul	97
49) 3-Nitroaniline	14.62	138	60874	21.049	ng/ul	85
50) Acenaphthene	14.79	153	252306	16.840	ng/ul	98
51) 2,4-Dinitrophenol	14.83	184	31837	18.780	ng/ul	91
53) 4-Nitrophenol	14.92	109	57687	20.751	ng/ul	91
54) Dibenzofuran	15.13	168	378797	17.231	ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	91768	23.241	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.35	232	96933	20.193	ng/ul#	97
57) Diethylphthalate	15.54	149	307599	17.037	ng/ul	95
59) Fluorene	15.78	166	301746	16.672	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.77	204	169413	16.571	ng/ul	100
61) 4-Nitroaniline	15.78	138	67471	20.379	ng/ul#	80
64) 4,6-Dinitro-2-methylphenol	15.84	198	53812	19.615	ng/ul#	93
65) N-Nitrosodiphenylamine	15.98	169	271119	17.077	ng/ul	95
66) 4-Bromophenyl-phenylether	16.66	248	123694	17.874	ng/ul	94
67) Hexachlorobenzene	16.78	284	124517	22.007	ng/ul	99
68) Atrazine	16.92	200	114884	17.632	ng/ul	94
69) Pentachlorophenol	17.12	266	74331	17.843	ng/ul#	84
70) Phenanthrene	17.52	178	519158	17.135	ng/ul	97
72) Anthracene	17.61	178	522850	17.133	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	152066	17.721	ng/uL	97
74) Pentachlorobenzene	15.05	250	149385	16.979	ng/uL	98
75) Carbazole	17.87	167	443009	18.030	ng/ul	98
76) Di-n-butylphthalate	18.43	149	524945	17.509	ng/ul	99
77) Fluoranthene	19.52	202	660377	17.309	ng/ul	100
80) Pyrene	19.88	202	650832	17.507	ng/ul	99
81) Butylbenzylphthalate	20.76	149	233709	17.893	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.64	252	248318	18.741	ng/ul	99
83) Benzo(a)anthracene	21.73	228	678207	17.800	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.64	149	346847	18.043	ng/ul	97
85) Chrysene	21.80	228	639392	17.371	ng/ul	98
87) Di-n-octyl phthalate	22.87	149	596112	18.374	ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	670404m>	17.309	ng/ul >	10/08/20 JU
89) Benzo(k)fluoranthene	24.05	252	664169	17.532	ng/ul	98
91) Benzo(a)pyrene	24.87	252	617144	17.331	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.76	276	754645	17.461	ng/ul	97
93) Dibenzo(a,h)anthracene	28.82	278	631832	17.626	ng/ul	99
94) Benzo(g,h,i)perylene	29.92	276	630570m>	17.500	ng/ul >	10/08/20 JU

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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/7/2020 10:40:12 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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