

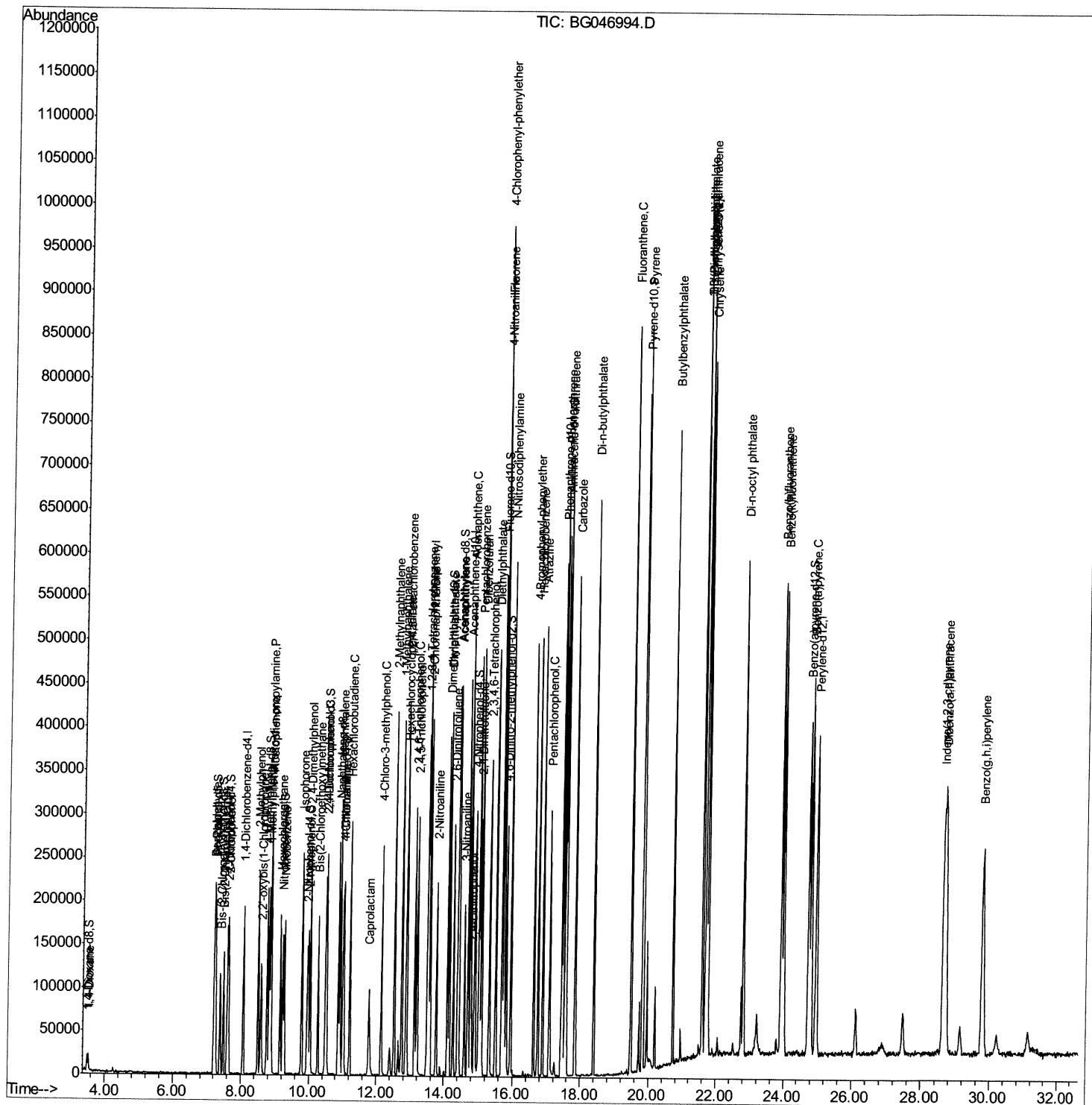
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Data Path   : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102020\  
Data File  : BG046994.D  
Acq On     : 20 Oct 2020   10:17  
Operator   : CG/JU  
Sample     : SSTDCCC020  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02040

Manual IntegrationsAPPROVED

Quant Time: Oct 20 11:05:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BC
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 10:59:53 2020
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/20/2020
Supervised By :mohammad ahmed 10/21/2020



Quantitation Report (Qedit)

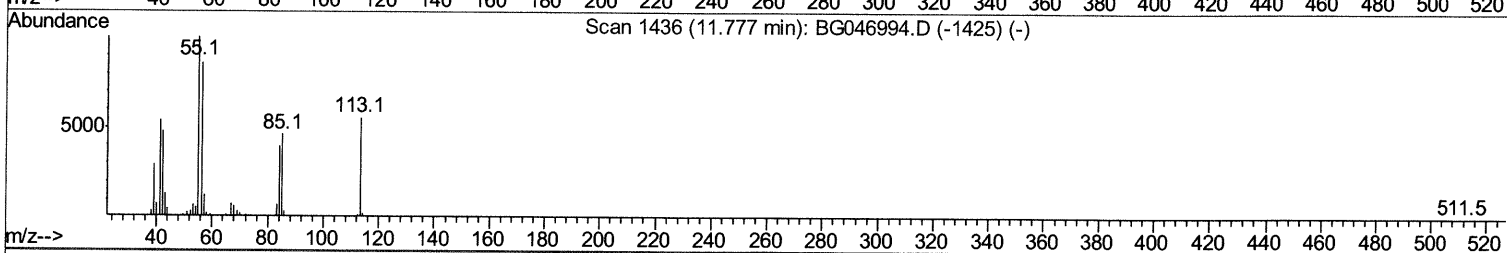
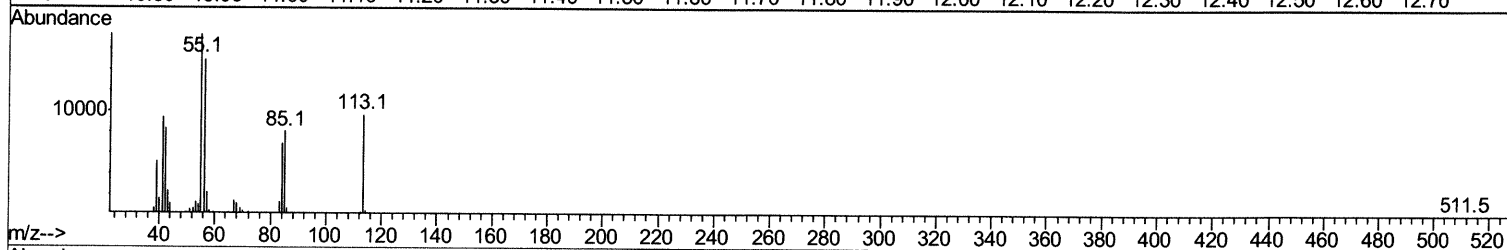
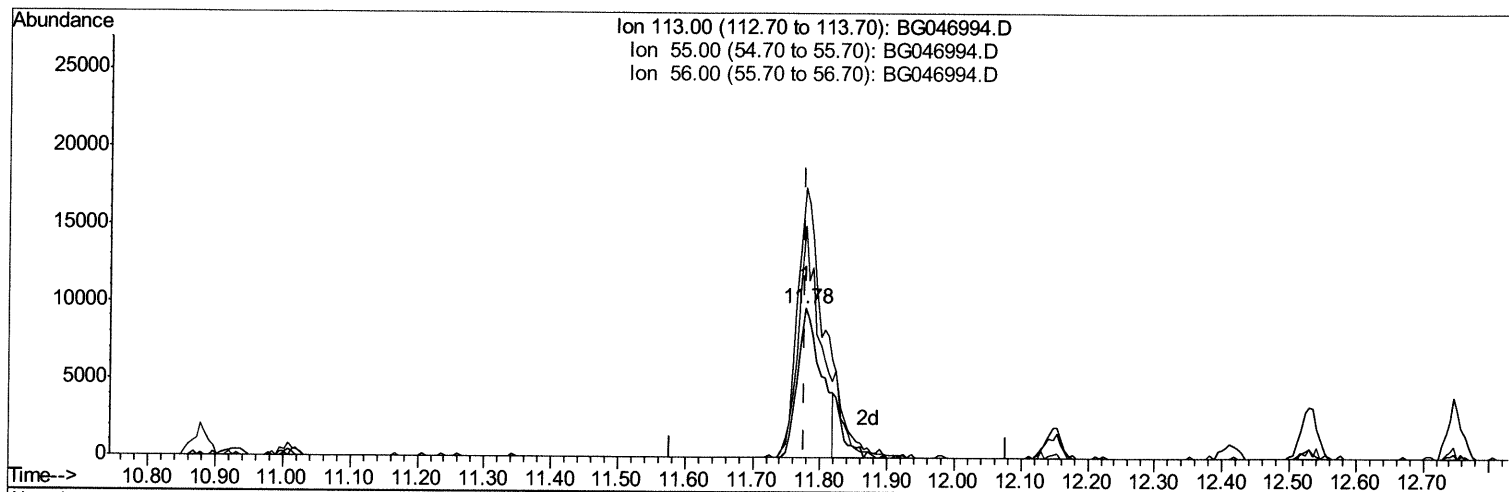
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102020\
 Data File : BG046994.D
 Acq On : 20 Oct 2020 10:17
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Oct 20 11:00:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 10:59:53 2020
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/20/2020
 Supervised By :mohammad ahmed 10/21/2020



TIC: BG046994.D

(32) Caprolactam

11.777min (0.000) 17.34ng/ul

response 24023

Ion	Exp%	Act%
113.00	100	100
55.00	172.40	180.61
56.00	131.30	155.25
0.00	0.00	0.00

Quantitation Report (Qedit)

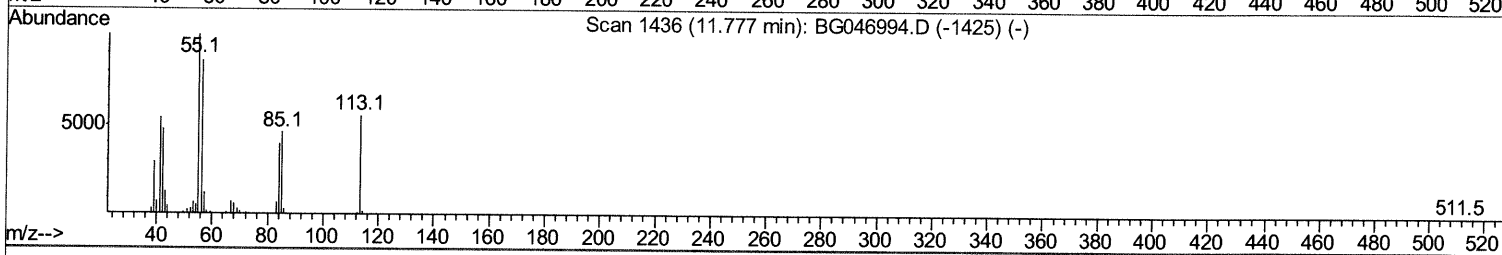
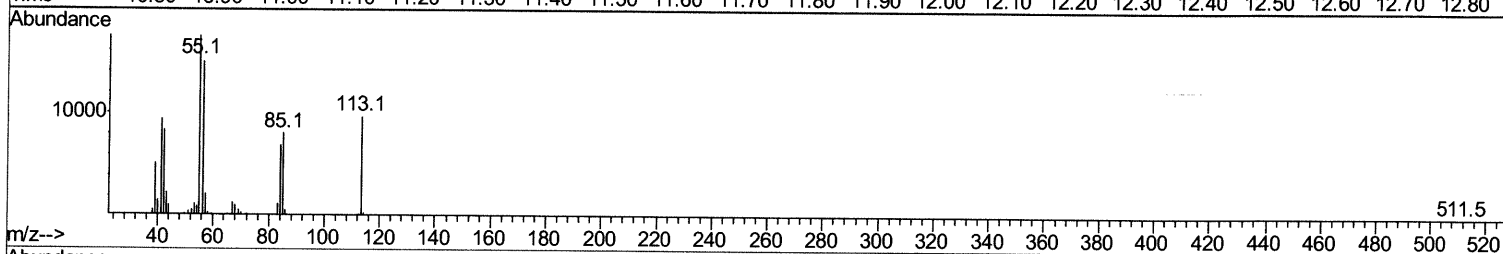
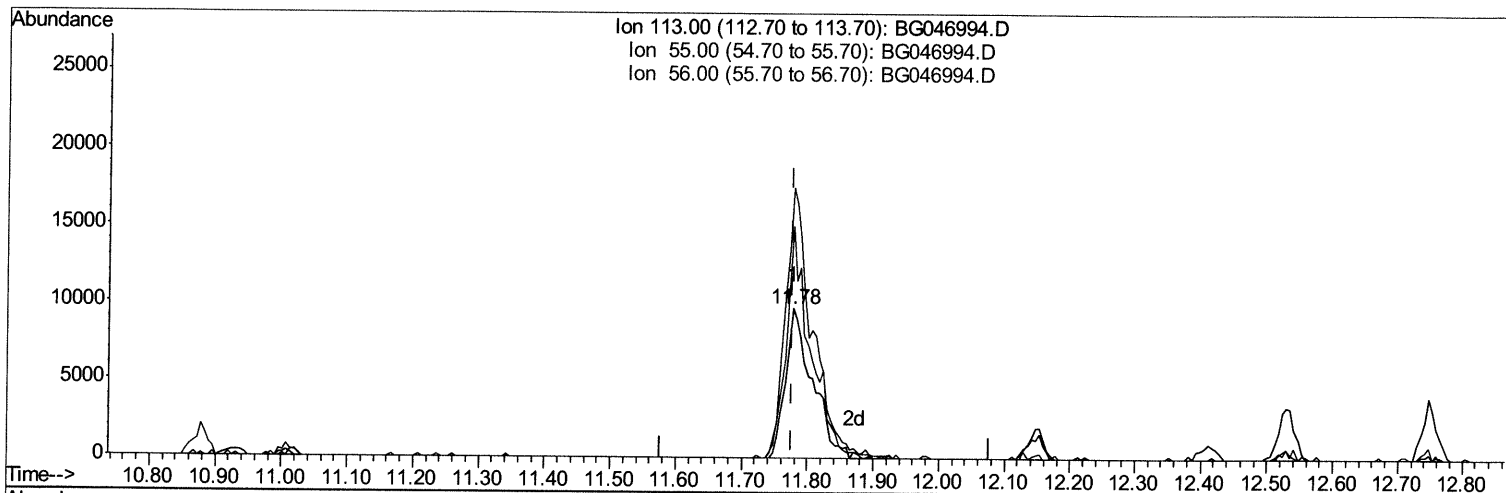
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102020\
 Data File : BG046994.D
 Acq On : 20 Oct 2020 10:17
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Oct 20 11:00:41 2020
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Reviewed By :Jagrut Upadhyay 10/20/2020
 Supervised By :mohammad ahmed 10/21/2020



TIC: BG046994.D

(32) Caprolactam

11.777min (0.000) 20.00ng/ul m 10/21/20 JU

response 27715

Ion	Exp%	Act%
113.00	100	100
55.00	172.40	180.61
56.00	131.30	155.25
0.00	0.00	0.00

Quantitation Report (Qedit)

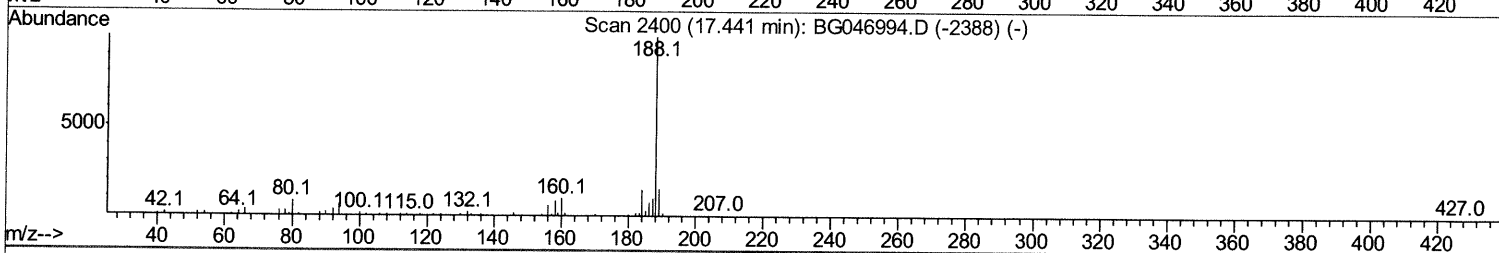
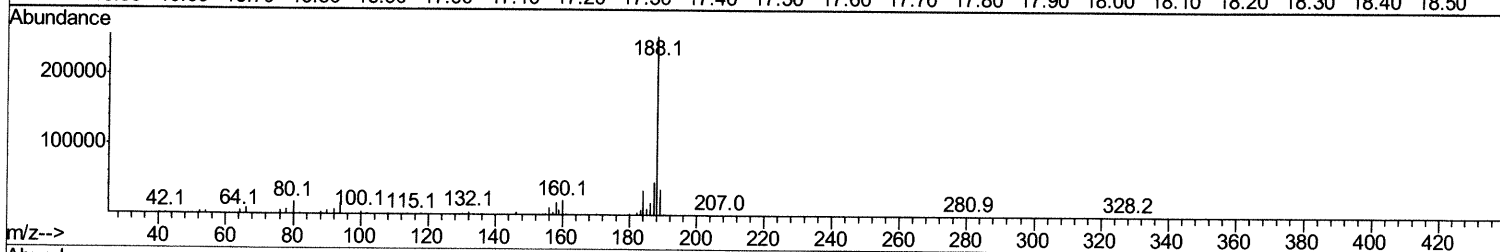
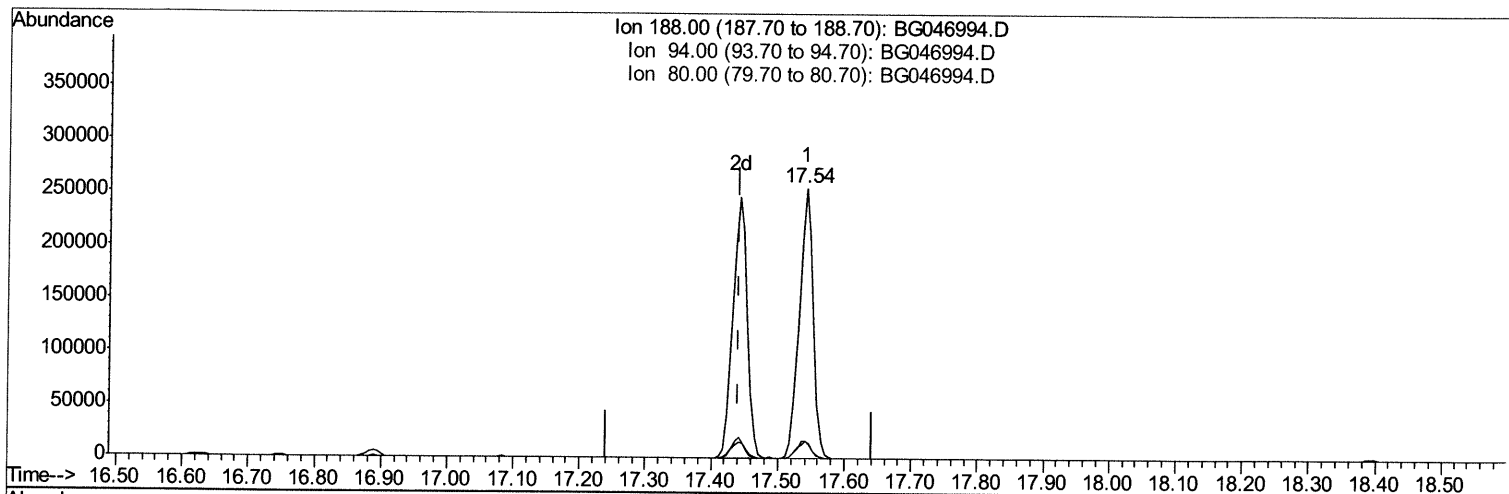
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102020\
 Data File : BG046994.D
 Acq On : 20 Oct 2020 10:17
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 Sample : SSTDCCC020
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Manual IntegrationsAPPROVED

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TIC: BG046994.D

(62) Phenanthrene-d10 (I)

17.541min (+0.100) 20.00ng/ul

response 373238

Ion	Exp%	Act%
188.00	100	100
94.00	5.50	6.47
80.00	6.50	6.61
0.00	0.00	0.00

Quantitation Report (Qedit)

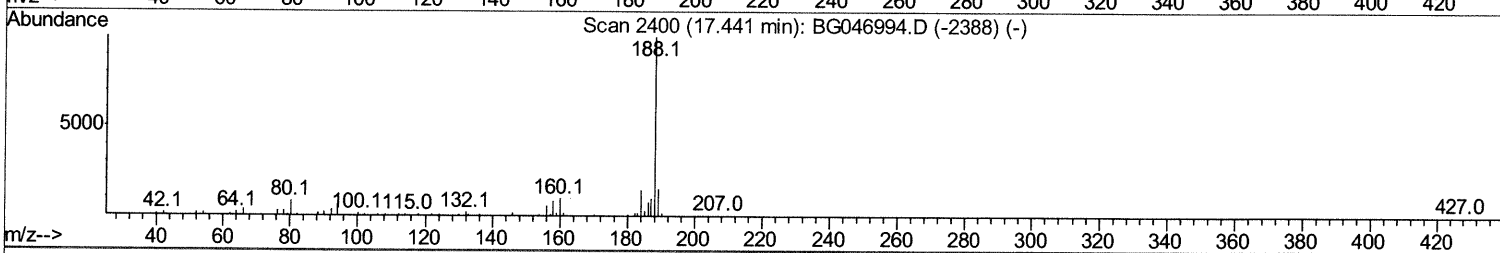
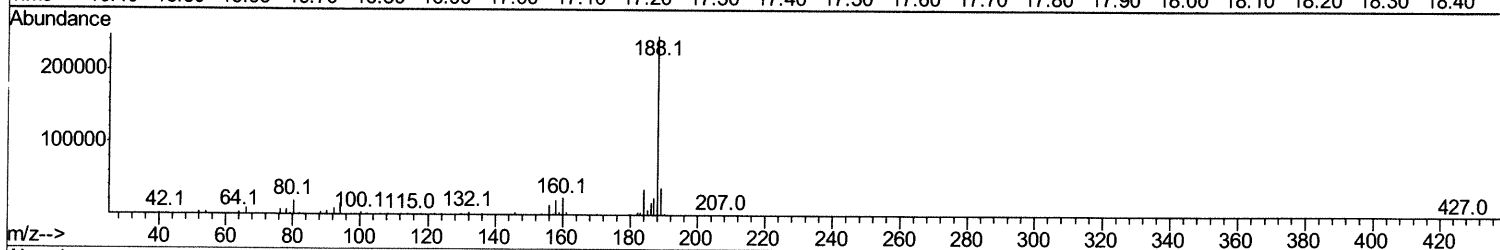
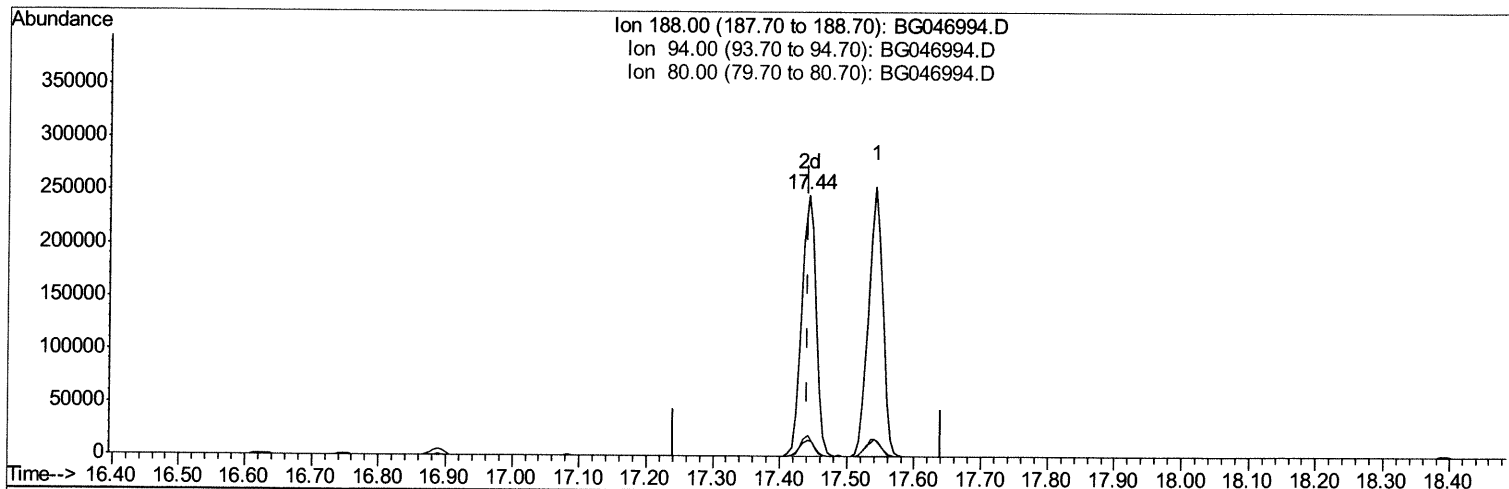
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102020\
 Data File : BG046994.D
 Acq On : 20 Oct 2020 10:17
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02040

Manual IntegrationsAPPROVED

Quant Time: Oct 20 11:00:41 2020
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 10:59:53 2020
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Reviewed By :Jagrut Upadhyay 10/20/2020
 Supervised By :mohammad ahmed 10/21/2020



TIC: BG046994.D

(62) Phenanthrene-d10 (I)

17.441min (0.000) 20.00ng/ul m 10/21/20 JU

response 366182

Ion	Exp%	Act%
188.00	100	100
94.00	5.50	6.22
80.00	6.50	7.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

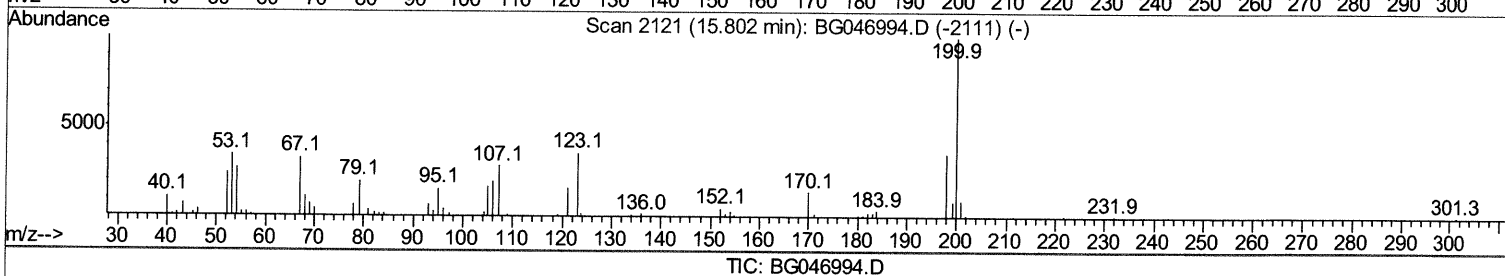
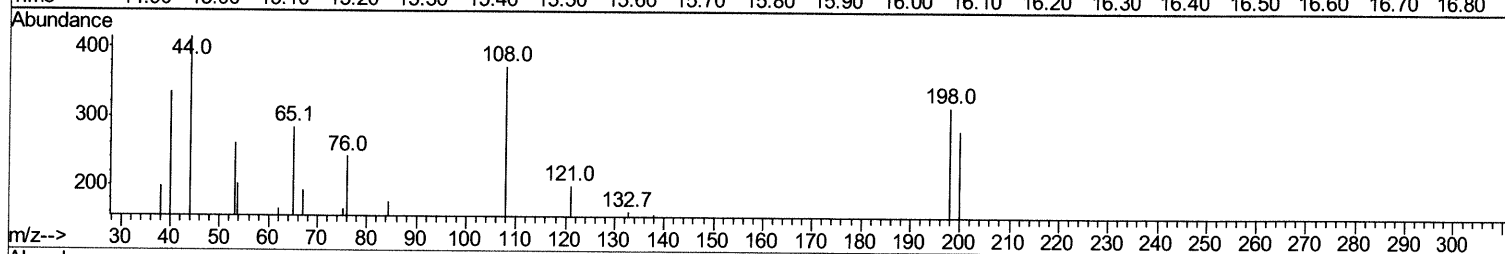
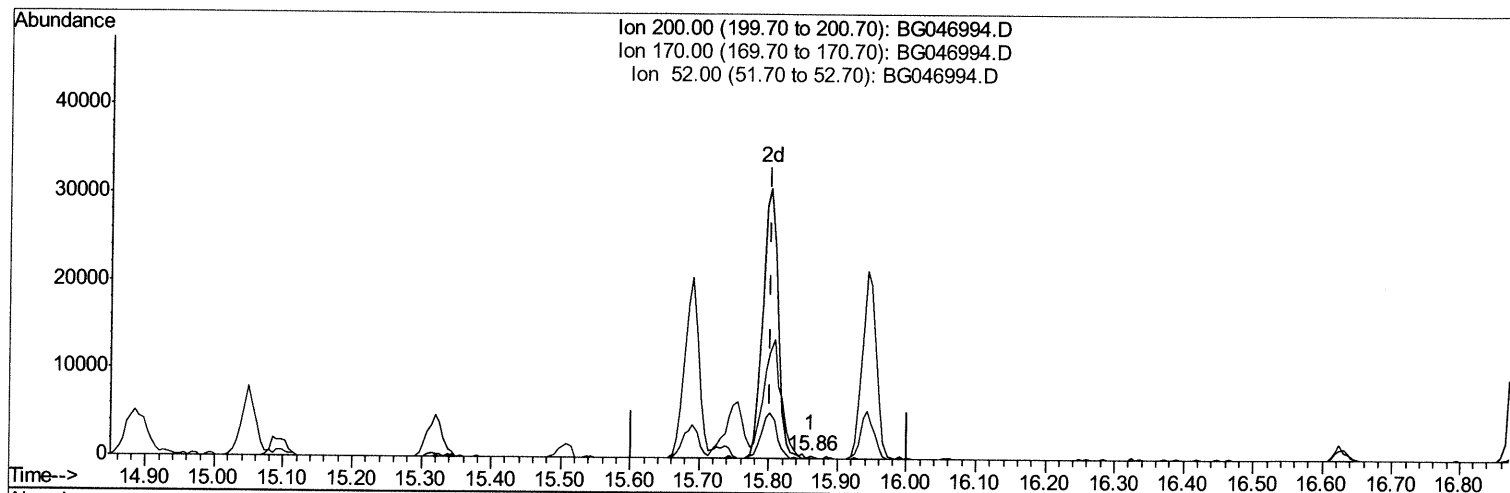
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102020\
Data File : BG046994.D
Acq On : 20 Oct 2020 10:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02040

Manual IntegrationsAPPROVED

Quant Time: Oct 20 11:04:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 10:59:53 2020
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Supervised By :mohammad ahmed 10/21/2020



TIC: BG046994.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.860min (+0.059) 0.06ng/ul

response 157

Ion	Exp%	Act%
200.00	100	100
170.00	13.80	0.00#
52.00	38.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

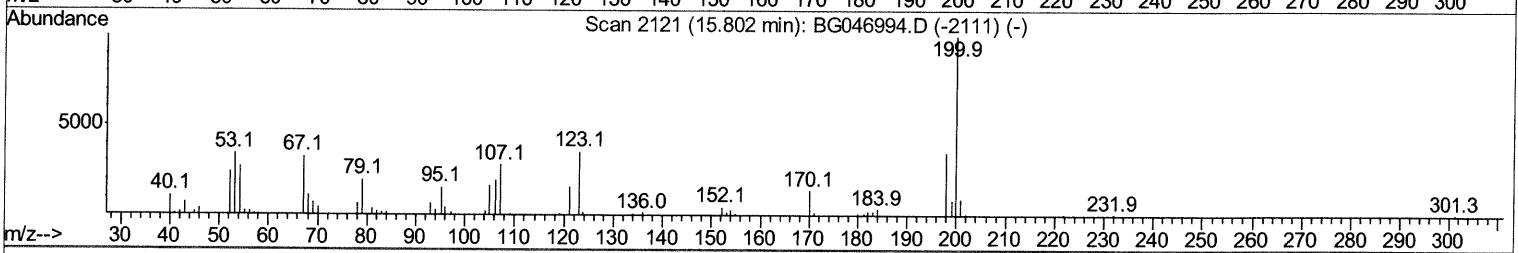
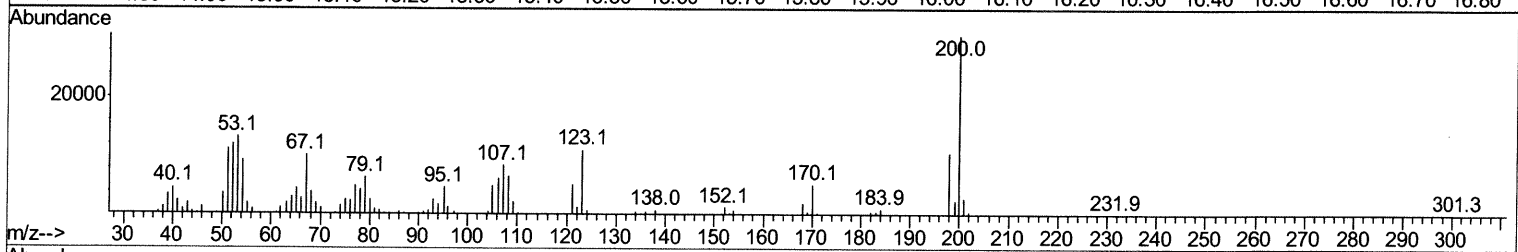
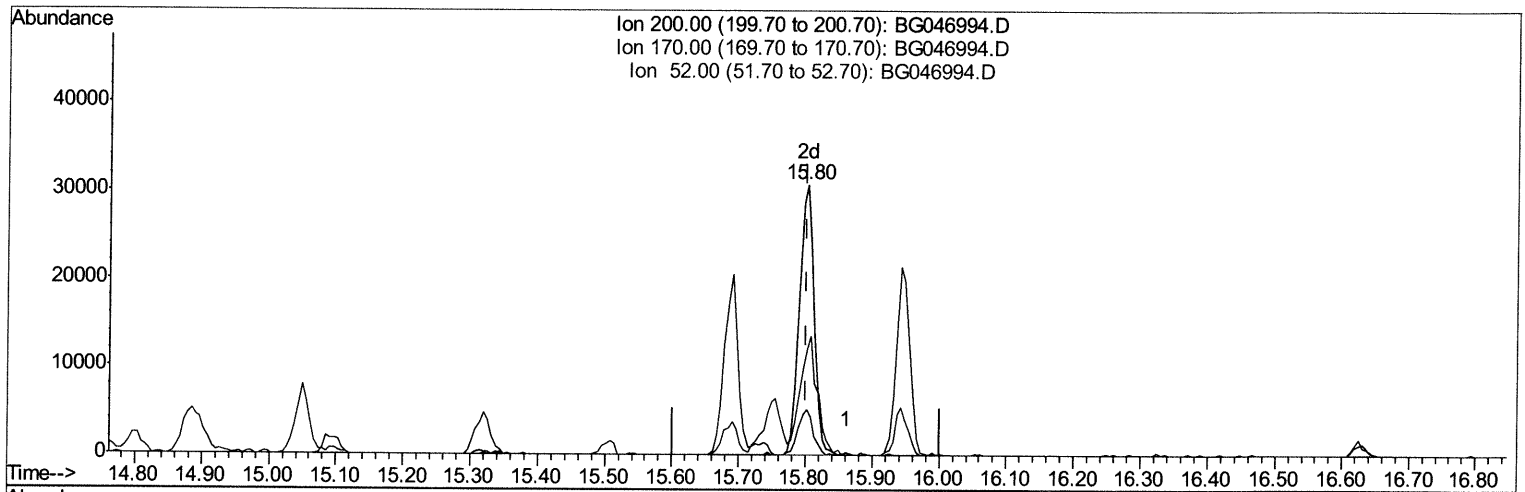
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102020\
 Data File : BG046994.D
 Acq On : 20 Oct 2020 10:17
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Oct 20 11:04:14 2020
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 Supervised By :mohammad ahmed 10/21/2020



TIC: BG046994.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.802min (0.000) 18.61ng/ul m 10/20/20 JU

response 46931

Ion	Exp%	Act%
200.00	100	100
170.00	13.80	17.06#
52.00	38.40	39.22
0.00	0.00	0.00

Quantitation Report (Qedit)

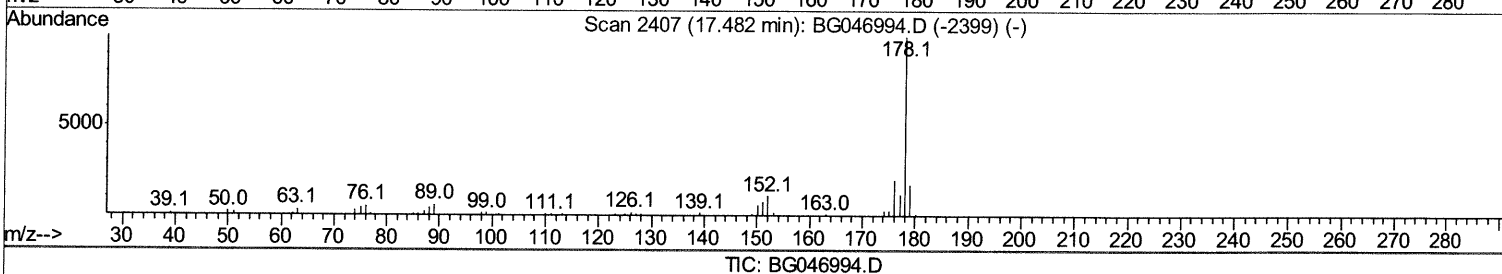
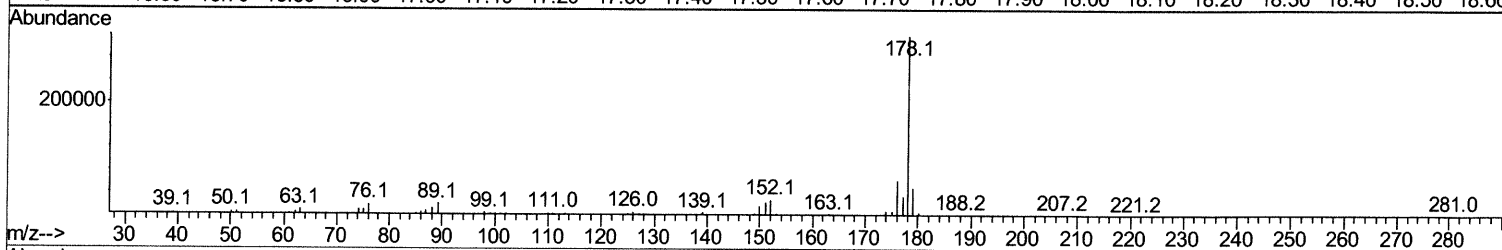
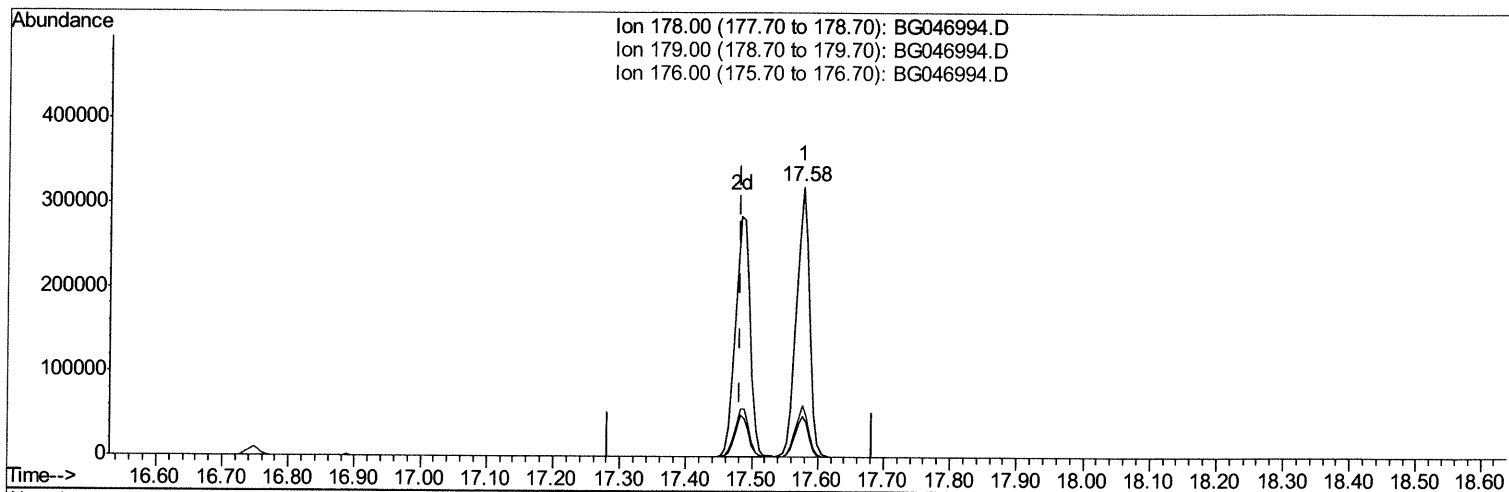
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102020\
 Data File : BG046994.D
 Acq On : 20 Oct 2020 10:17
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02040

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 10/21/2020



TIC: BG046994.D

(70) Phenanthrene

17.576min (+0.094) 21.26ng/ul

response 445515

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.22
176.00	18.70	19.01
0.00	0.00	0.00

Quantitation Report (Qedit)

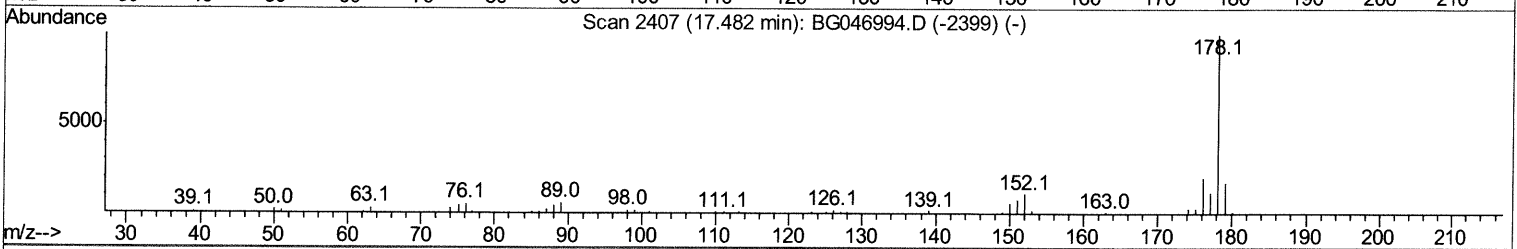
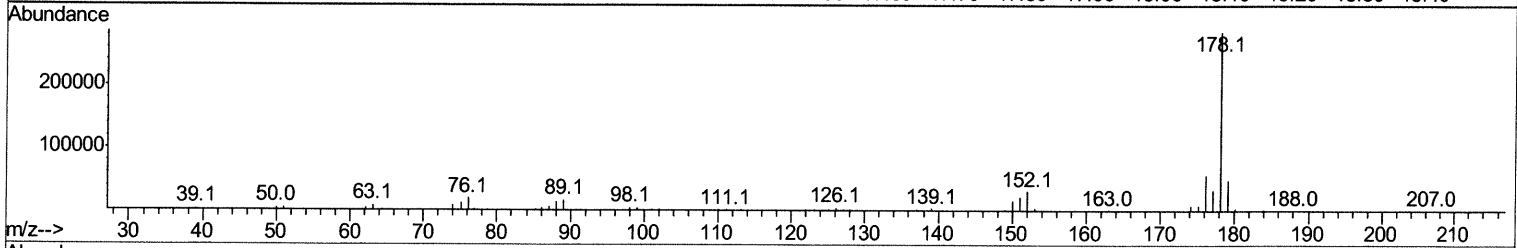
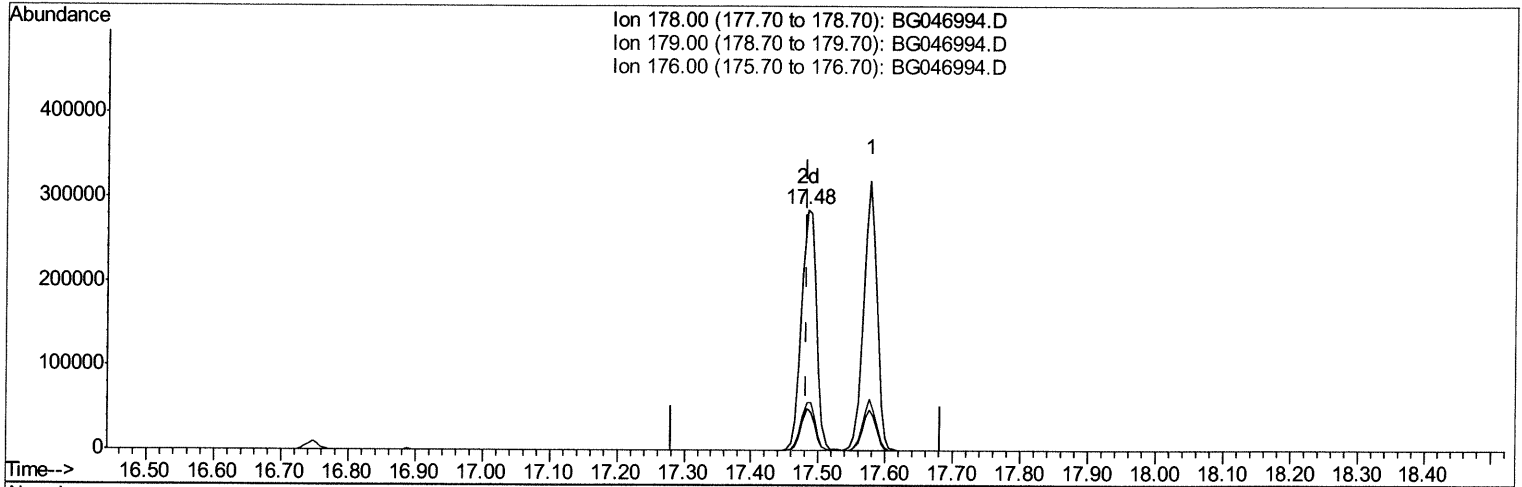
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102020\
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 Acq On : 20 Oct 2020 10:17
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02040

Manual IntegrationsAPPROVED

Quant Time: Oct 20 11:04:14 2020
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 Supervised By :mohammad ahmed 10/21/2020



TIC: BG046994.D

(70) Phenanthrene

17.482min (0.000) 21.18ng/ul m 10/21/20 JU

response 443767

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	17.36
176.00	18.70	19.76
0.00	0.00	0.00

Quantitation Report (Qedit)

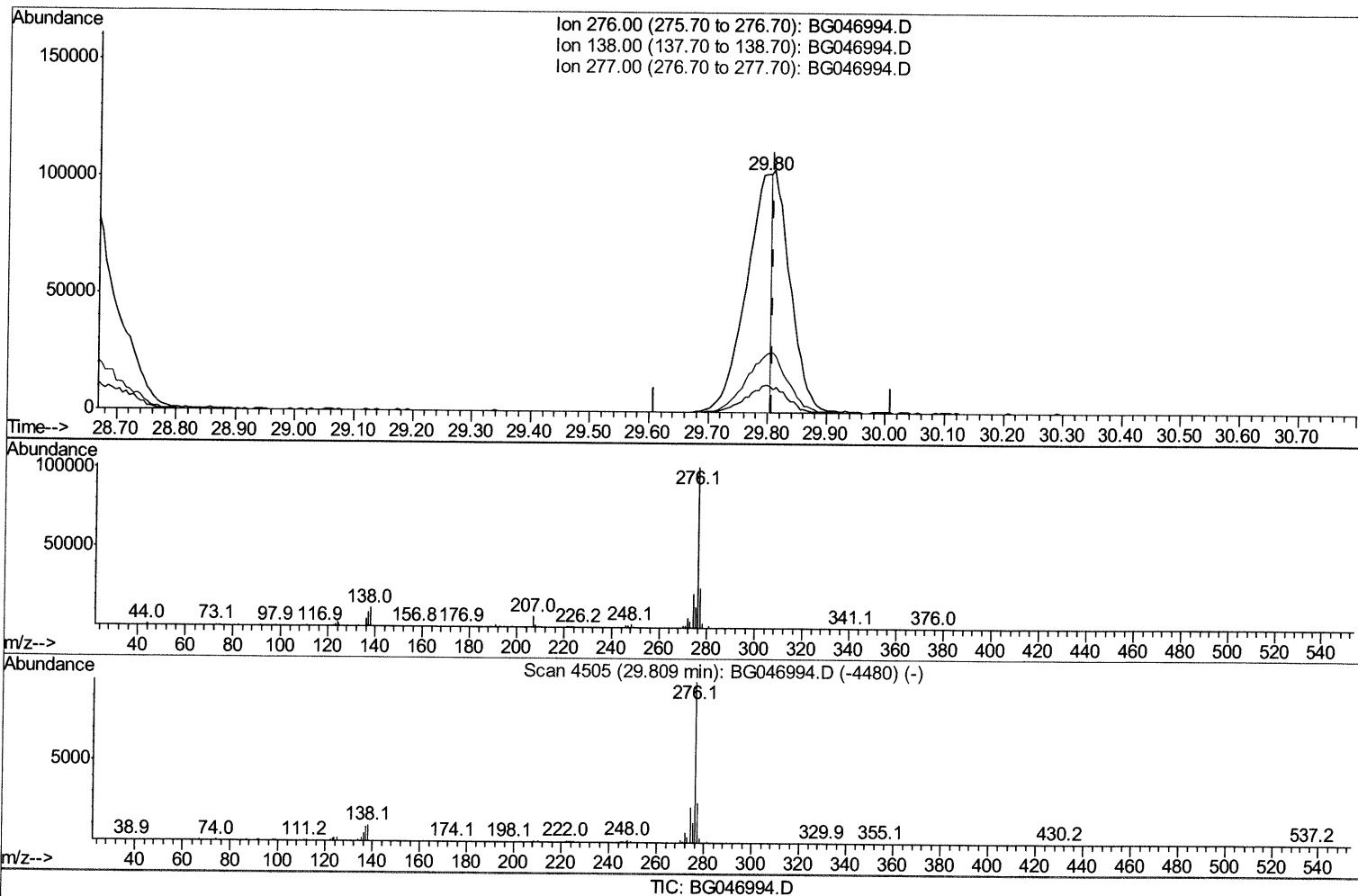
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102020\
Data File : BG046994.D
Acq On : 20 Oct 2020 10:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02040

Manual IntegrationsAPPROVED

Quant Time: Oct 20 11:04:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG
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Supervised By :mohammad ahmed 10/21/2020



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

29.797min (-0.012) 12.39ng/ul

response 301833

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	11.57
277.00	23.10	24.69
0.00	0.00	0.00

Quantitation Report (Qedit)

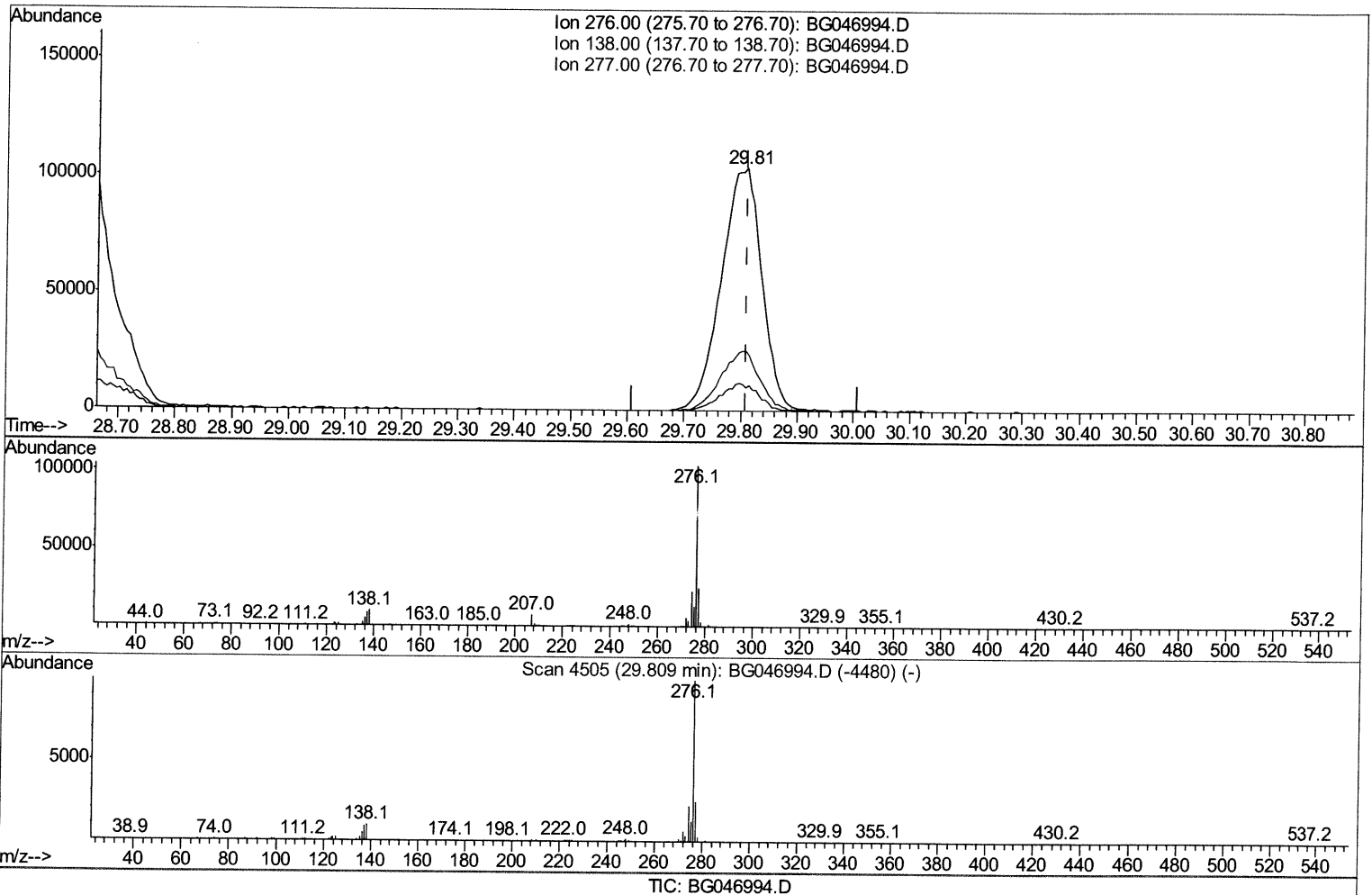
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102020\
Data File : BG046994.D
Acq On : 20 Oct 2020 10:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Supervised By :mohammad ahmed 10/21/2020



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

29.809min (0.000) 21.18ng/ul m 10/21/20 JU

response 515993

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	9.62
277.00	23.10	24.39
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102020\
 Data File : BG046994.D
 Acq On : 20 Oct 2020 10:17
 Operator : CG/JU
 Sample : SSTDCCC020
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/20/2020
 Supervised By :mohammad ahmed 10/21/2020

Quant Time: Oct 20 11:05:42 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG1

Quant Title : SVOA CALIBRATION

QLast Update : Tue Oct 20 10:59:53 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53464	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	216417	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	157236	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	366182m>	20.00	ng/ul>	0.00 10/21/20 JU
78) Chrysene-d12	21.71	240	381968	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	379806	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	8212	6.82	ng/uL	0.00
5) Phenol-d5	7.22	99	97123	20.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	55663	20.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	73695	20.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	75852	20.14	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	37362	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	43014	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	87152	21.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	91491	19.34	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	259618	19.88	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	307976	20.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	42922	19.06	ng/ul	0.00
58) Fluorene-d10	15.69	176	247666	20.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	46931m>	18.61	ng/ul>	0.00 10/21/20 JU
71) Anthracene-d10	17.54	188	373717	21.07	ng/ul	0.00
79) Pyrene-d10	19.82	212	446004	21.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	447876	20.94	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.52	88	10101	7.033	ng/uL#	81
4) Benzaldehyde	7.20	77	40159	14.636	ng/ul	96
6) Phenol	7.25	94	99077	20.053	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.48	93	75203	20.084	ng/ul	97
10) 2-Chlorophenol	7.63	128	73584	20.713	ng/ul	98
11) 2-Methylphenol	8.50	108	75439	20.495	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.59	45	113444	21.182	ng/ul	98
14) Acetophenone	8.89	105	121948	20.186	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.87	70	65415	20.645	ng/ul#	96
16) 4-Methylphenol	8.83	108	80579	20.624	ng/ul	95
17) Hexachloroethane	9.16	117	33136	20.471	ng/ul	91
20) Nitrobenzene	9.27	77	100909	20.331	ng/ul	97
21) Isophorone	9.80	82	182113	19.940	ng/ul	97
23) 2-Nitrophenol	9.98	139	45973	20.909	ng/ul	92
24) 2,4-Dimethylphenol	10.04	107	91632	19.755	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.27	93	101884	19.562	ng/ul	97
27) 2,4-Dichlorophenol	10.52	162	81847	19.992	ng/ul	99
28) Naphthalene	10.93	128	257204	20.596	ng/ul	98
30) 4-Chloroaniline	11.03	127	89629	19.794	ng/ul	98
31) Hexachlorobutadiene	11.21	225	71878	20.606	ng/ul	97
32) Caprolactam	11.78	113	27715m>	20.004	ng/ul>	10/21/20 JU
33) 4-Chloro-3-methylphenol	12.15	107	88977	20.772	ng/ul	97
34) 2-Methylnaphthalene	12.53	142	185065	20.157	ng/ul	94

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/20/2020
 Supervised By :mohammad ahmed 10/21/2020

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	183989	20.318	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	132399	21.592	ng/uL	98
38) Hexachlorocyclopentadiene	12.88	237	60964	14.972	ng/uL#	85
39) 2,4,6-Trichlorophenol	13.13	196	80335	21.288	ng/uL	95
40) 2,4,5-Trichlorophenol	13.20	196	83069	20.851	ng/uL	97
41) 1,1'-Biphenyl	13.53	154	258787	20.404	ng/uL	99
42) 2-Chloronaphthalene	13.57	162	207602	20.430	ng/uL	98
43) 2-Nitroaniline	13.77	65	64693	21.221	ng/uL	89
45) Dimethylphthalate	14.14	163	267682	19.768	ng/uL	100
46) 2,6-Dinitrotoluene	14.27	165	60320	21.792	ng/uL#	95
48) Acenaphthylene	14.42	152	308725	20.514	ng/uL	98
49) 3-Nitroaniline	14.59	138	43875	19.123	ng/uL	92
50) Acenaphthene	14.76	153	217023	20.566	ng/uL	98
51) 2,4-Dinitrophenol	14.80	184	25423	14.550	ng/uL	92
53) 4-Nitrophenol	14.90	109	47879	20.264	ng/uL	97
54) Dibenzofuran	15.10	168	320857	20.460	ng/uL	99
55) 2,4-Dinitrotoluene	15.05	165	84472	21.261	ng/uL#	98
56) 2,3,4,6-Tetrachlorophenol	15.32	232	82289	20.853	ng/uL#	96
57) Diethylphthalate	15.51	149	269423	19.947	ng/uL	98
59) Fluorene	15.74	166	262369	20.388	ng/uL	97
60) 4-Chlorophenyl-phenylether	15.73	204	151193	20.159	ng/uL	97
61) 4-Nitroaniline	15.75	138	43904	17.152	ng/uL	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	50352	18.566	ng/uL	98
65) N-Nitrosodiphenylamine	15.94	169	232258	21.615	ng/uL	96
66) 4-Bromophenyl-phenylether	16.63	248	106750	21.855	ng/uL	93
67) Hexachlorobenzene	16.75	284	110594	21.738	ng/uL#	92
68) Atrazine	16.89	200	101608	21.407	ng/uL#	91
69) Pentachlorophenol	17.09	266	62236	19.709	ng/uL	94
70) Phenanthrene	17.48	178	443767m>	21.179	ng/uL>	10/21/2020
72) Anthracene	17.58	178	445214	21.036	ng/uL	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	130717	22.460	ng/uL	98
74) Pentachlorobenzene	15.01	250	129725	21.722	ng/uL	95
75) Carbazole	17.84	167	366982	21.592	ng/uL	98
76) Di-n-butylphthalate	18.39	149	463517	20.842	ng/uL	100
77) Fluoranthene	19.49	202	556091	21.734	ng/uL	99
80) Pvrene	19.85	202	550757	21.306	ng/uL	100
81) Butylbenzylphthalate	20.73	149	199126	21.167	ng/uL	100
82) 3,3'-Dichlorobenzidine	21.61	252	171657	19.212	ng/uL	99
83) Benzo(a)anthracene	21.69	228	556444	21.107	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	288825	21.502	ng/uL	96
85) Chrysene	21.76	228	528696	20.785	ng/uL	99
87) Di-n-octyl phthalate	22.81	149	485200	22.227	ng/uL	100
88) Benzo(b)fluoranthene	23.92	252	556095	21.107	ng/uL	97
89) Benzo(k)fluoranthene	23.99	252	539823	21.247	ng/uL	100
91) Benzo(a)pyrene	24.80	252	498965	21.066	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	28.65	276	620254	21.376	ng/uL	98
93) Dibenzo(a,h)anthracene	28.71	278	513676	21.348	ng/uL	98
94) Benzo(a,h,i)perylene	29.81	276	515993m>	21.185	ng/uL>	10/21/2020

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102020\
Data File : BG046994.D
Acq On : 20 Oct 2020 10:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02040

Manual IntegrationsAPPROVED

Quant Time: Oct 20 11:05:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG1
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 10:59:53 2020
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/20/2020
Supervised By :mohammad ahmed 10/21/2020

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

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