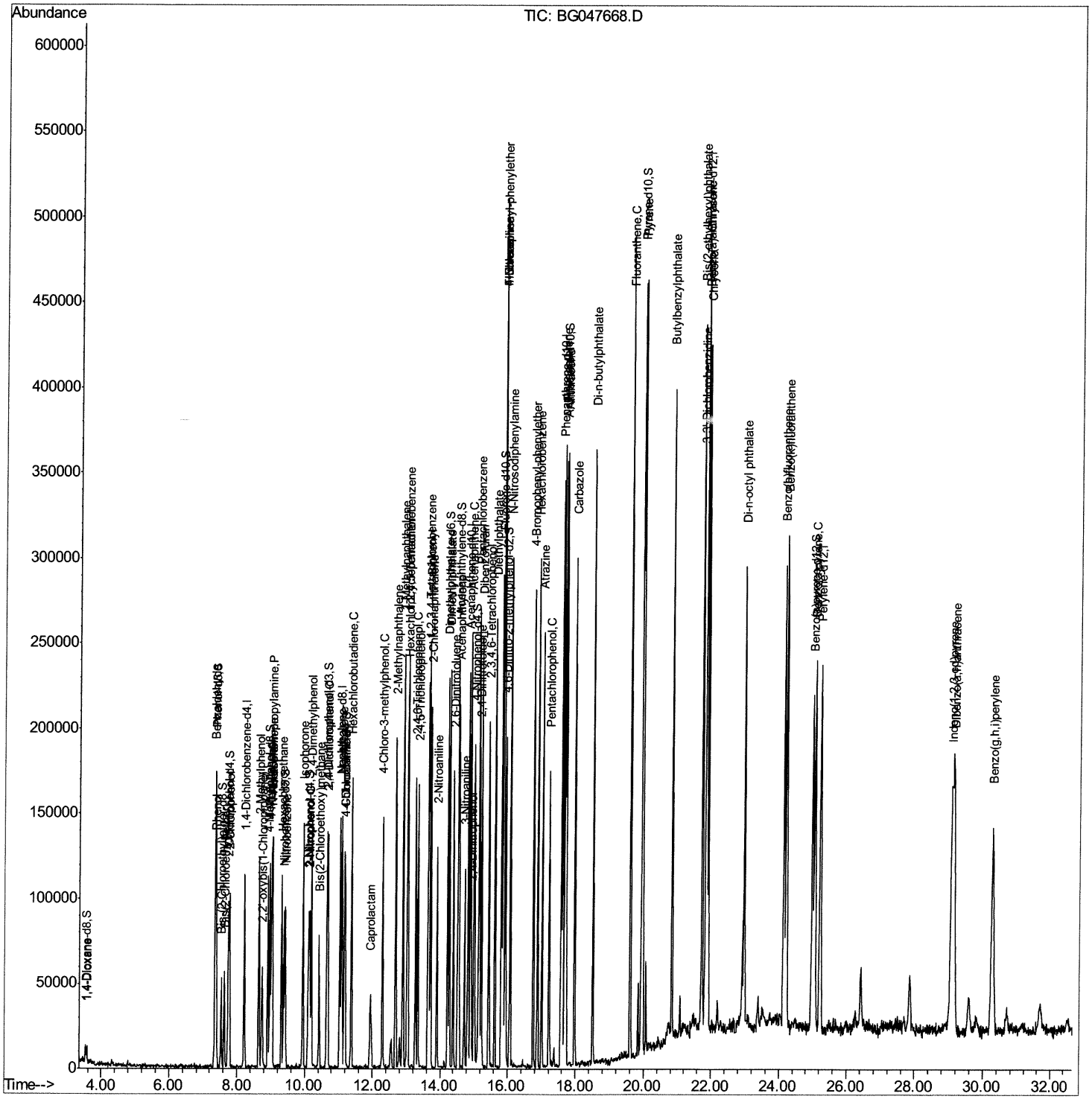
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120820\
Data File : BG047668.D
Acq On : 9 Dec 2020 4:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 09 11:31:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02037

Manual Integrations APPROVED
mohammad
12/9/2020 5:40:02 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120820\
Data File : BG047668.D
Acq On : 9 Dec 2020 4:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 09 10:22:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02037

Manual Integrations APPROVED
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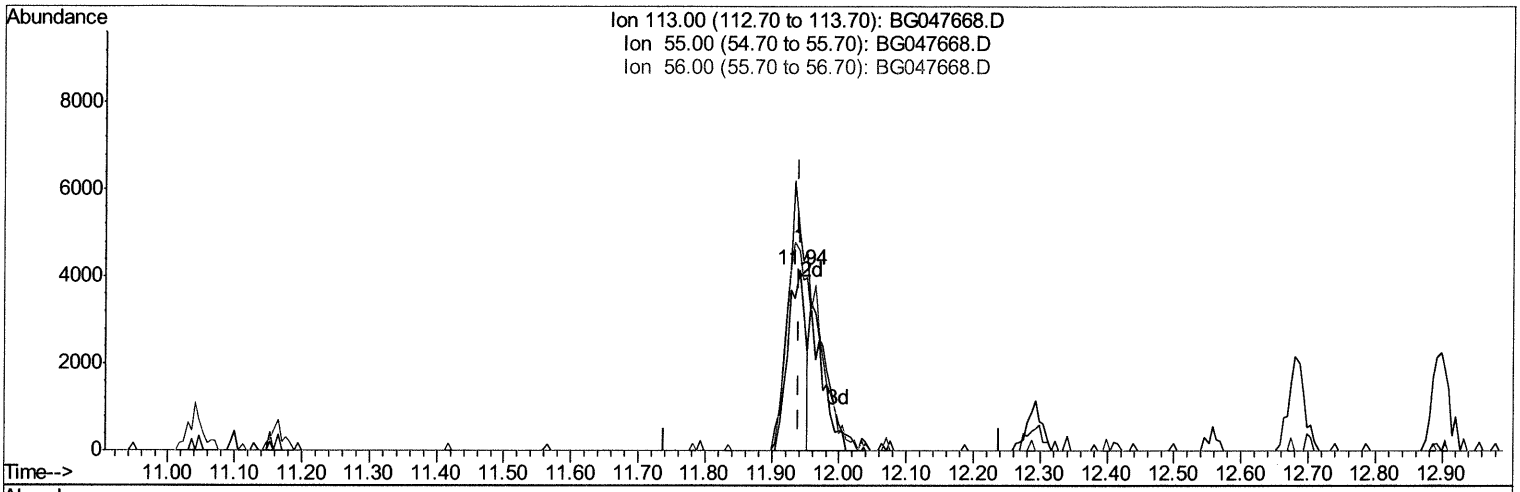

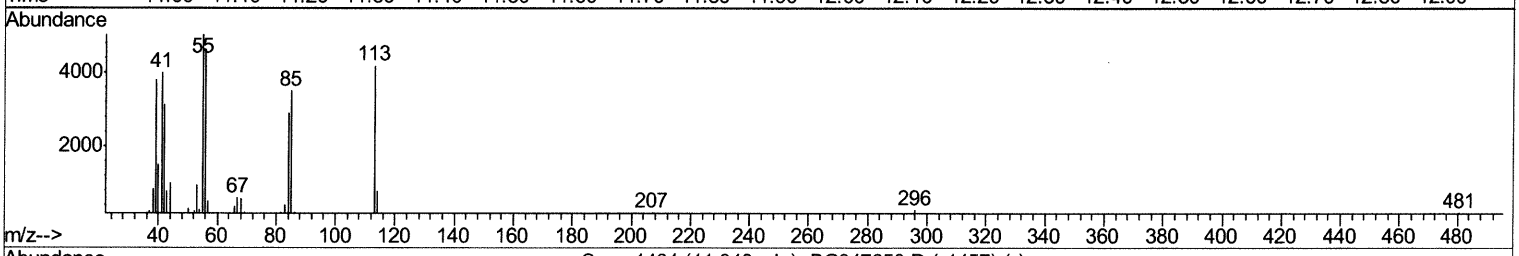

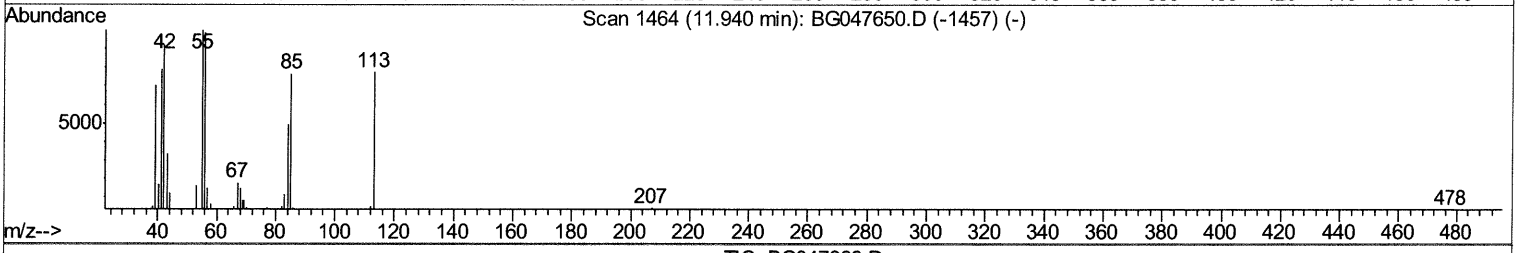

TIC: BG047668.D

(32) Caprolactam

11.940min (+0.000) 11.24ng/ul

response 7451

Ion	Exp%	Act%
113.00	100	100
55.00	114.90	120.72
56.00	108.90	110.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120820\
Data File : BG047668.D
Acq On : 9 Dec 2020 4:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 09 10:22:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02037

Manual Integrations APPROVED
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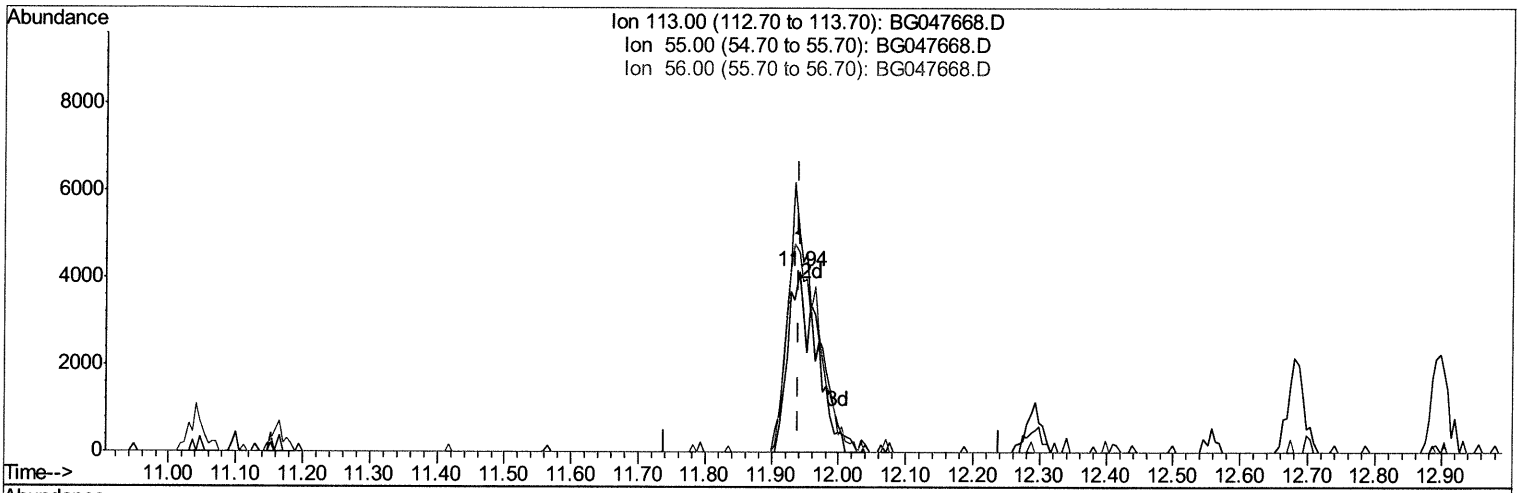

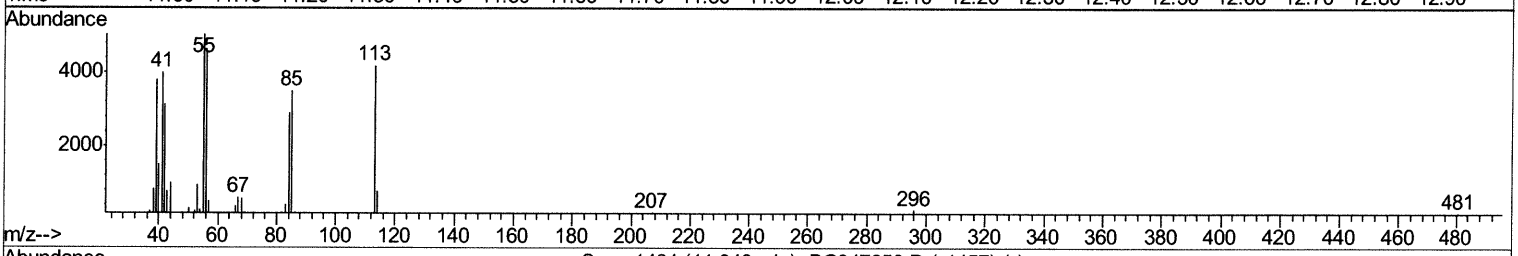

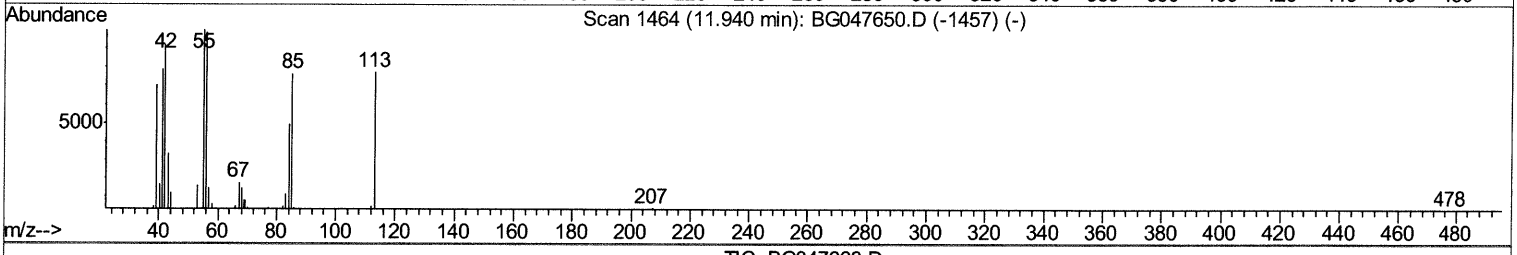

TIC: BG047668.D

(32) Caprolactam

11.940min (+0.000) 18.21ng/ul m 12/16/2020

response 12066

Ion	Exp%	Act%
113.00	100	100
55.00	114.90	120.72
56.00	108.90	110.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120820\
Data File : BG047668.D
Acq On : 9 Dec 2020 4:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 09 10:22:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02037

Manual Integrations APPROVED
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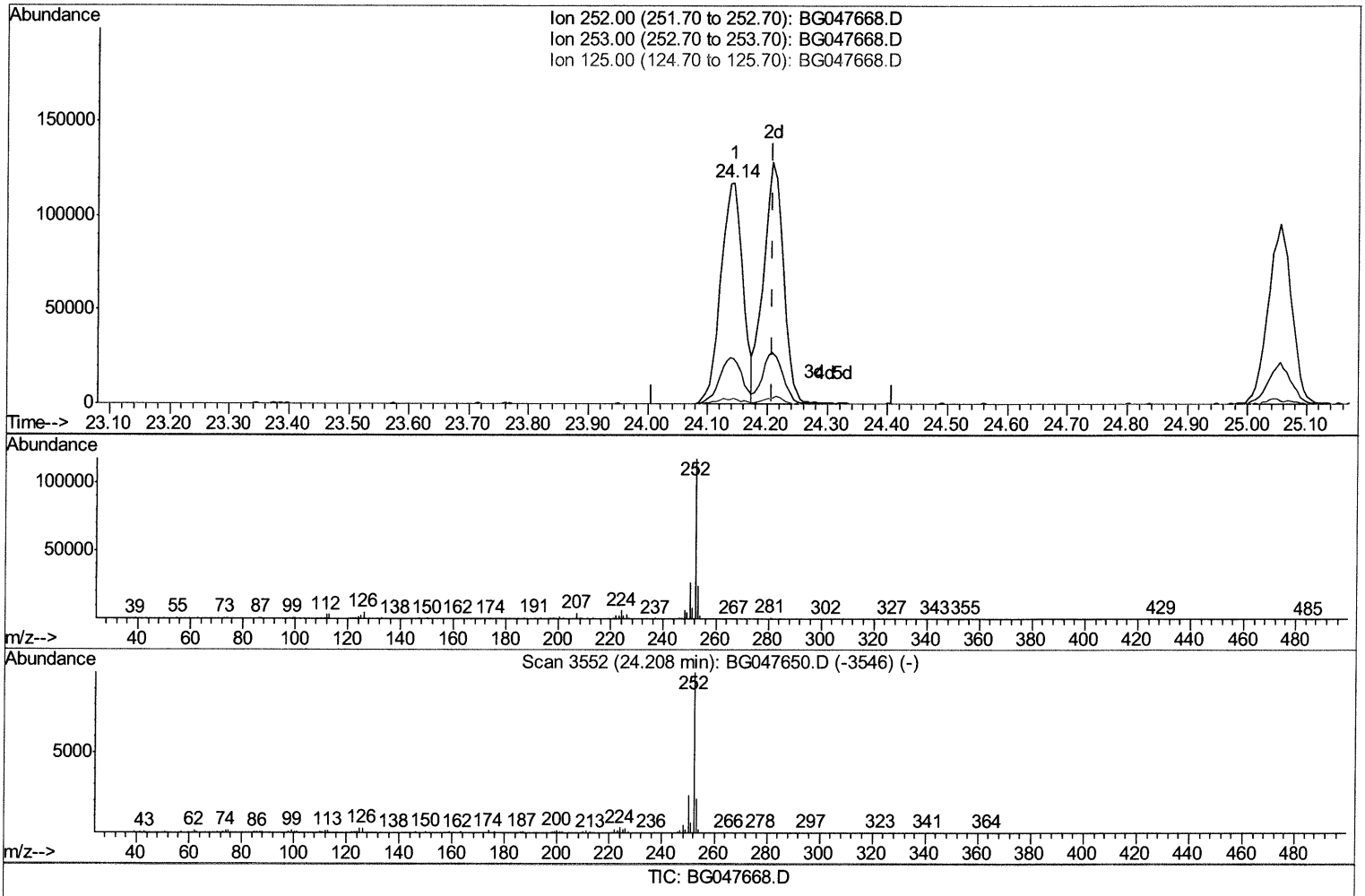
12/9/2020 5:40:02 PM



TIC: BG047668.D

(89) Benzo(k)fluoranthene

24.144min (-0.064) 18.52ng/ul

response 299179

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	20.63
125.00	2.80	2.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120820\
Data File : BG047668.D
Acq On : 9 Dec 2020 4:59
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Sample : SSTDCCC020
Misc :
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Quant Title : SVOA CALIBRATION
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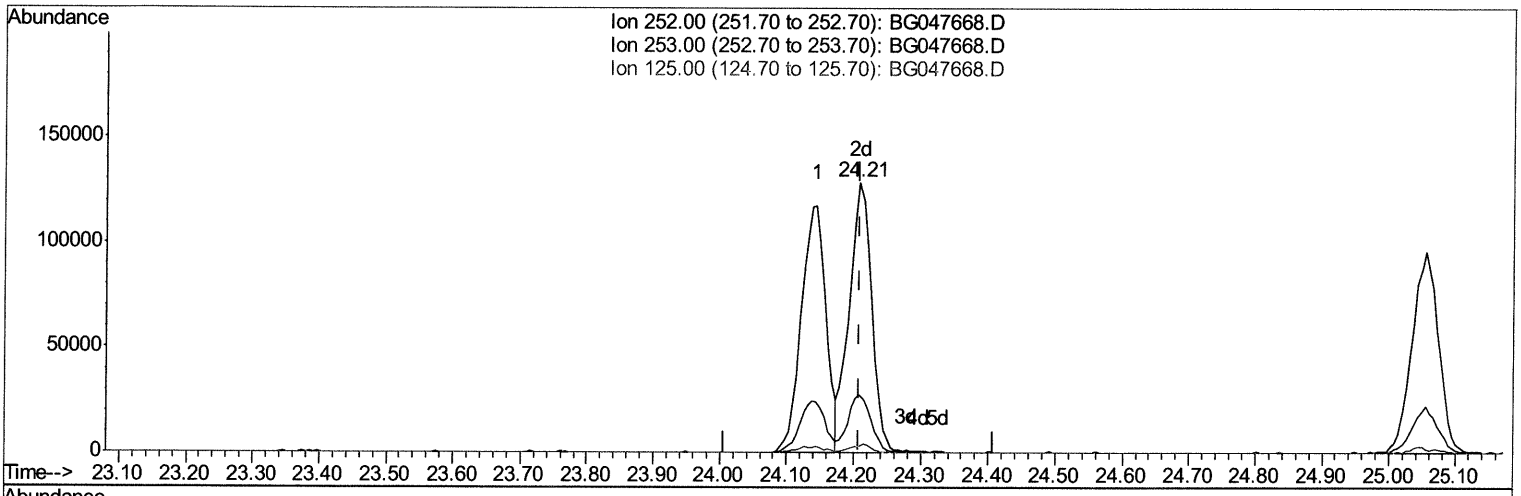
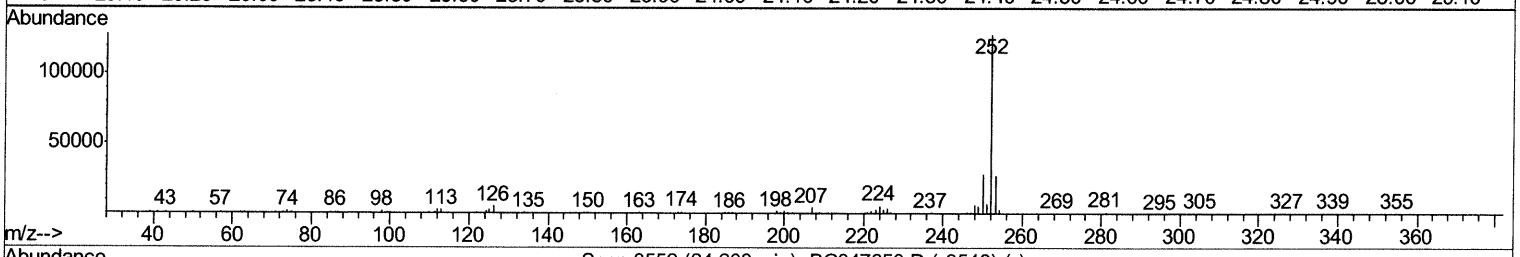
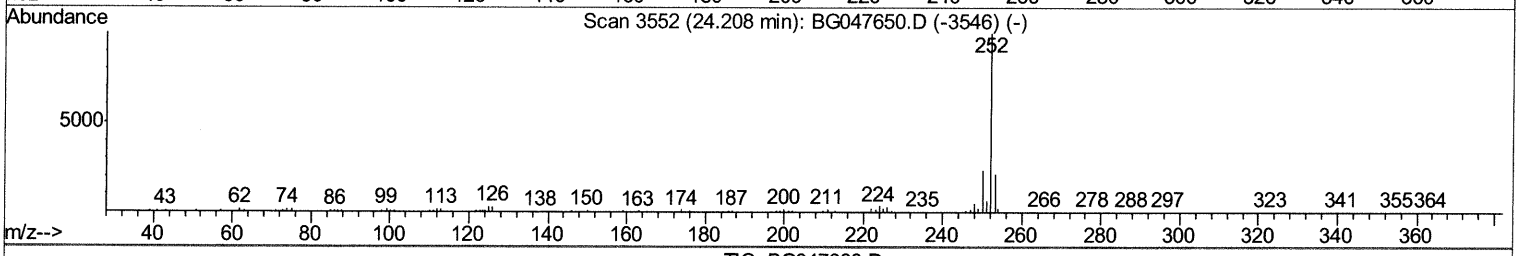
Instrument :
BNA_G
LabSampleId :
SSTD02037

Manual Integrations APPROVED
mohammad
12/9/2020 5:40:02 PM







TIC: BG047668.D

(89) Benzo(k)fluoranthene

24.208min (+0.000) 18.43ng/ul m 12/10/20 JU

response 297604

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.40
125.00	2.80	2.06#
0.00	0.00	0.00

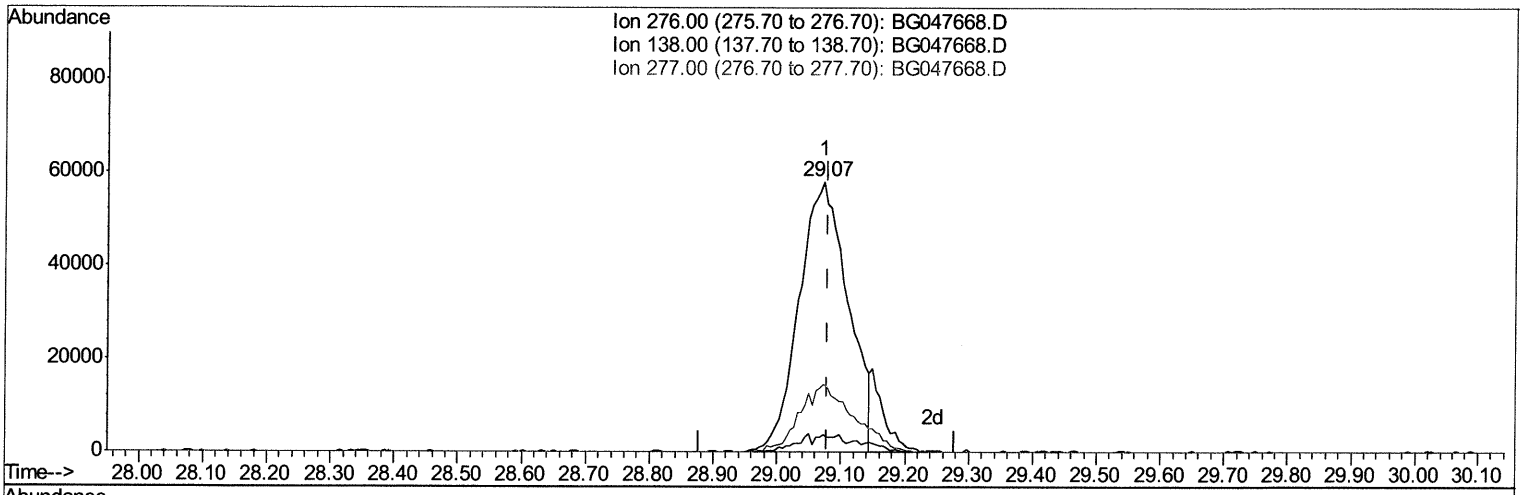
Quantitation Report (Qedit)

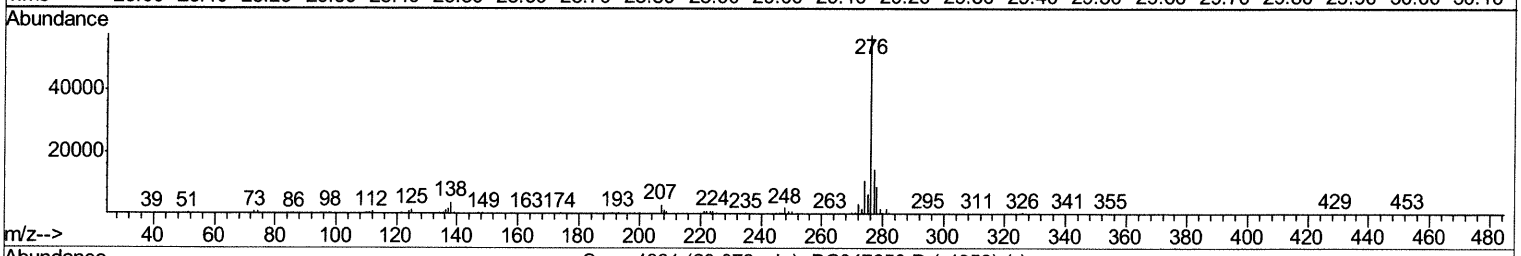
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120820\
Data File : BG047668.D
Acq On : 9 Dec 2020 4:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

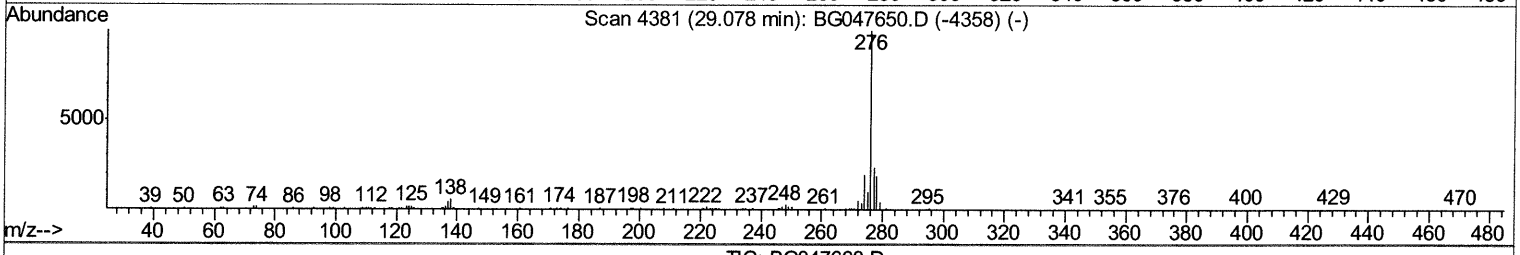
Quant Time: Dec 09 10:22:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02037

Manual Integrations APPROVED
mohammad
12/9/2020 5:40:02 PM







TIC: BG047668.D

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

29.073min (-0.005) 17.20ng/ul

response 308318

Ion	Exp%	Act%
276.00	100	100
138.00	4.10	6.51#
277.00	23.20	25.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120820\
Data File : BG047668.D
Acq On : 9 Dec 2020 4:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 09 10:22:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02037

Manual Integrations APPROVED
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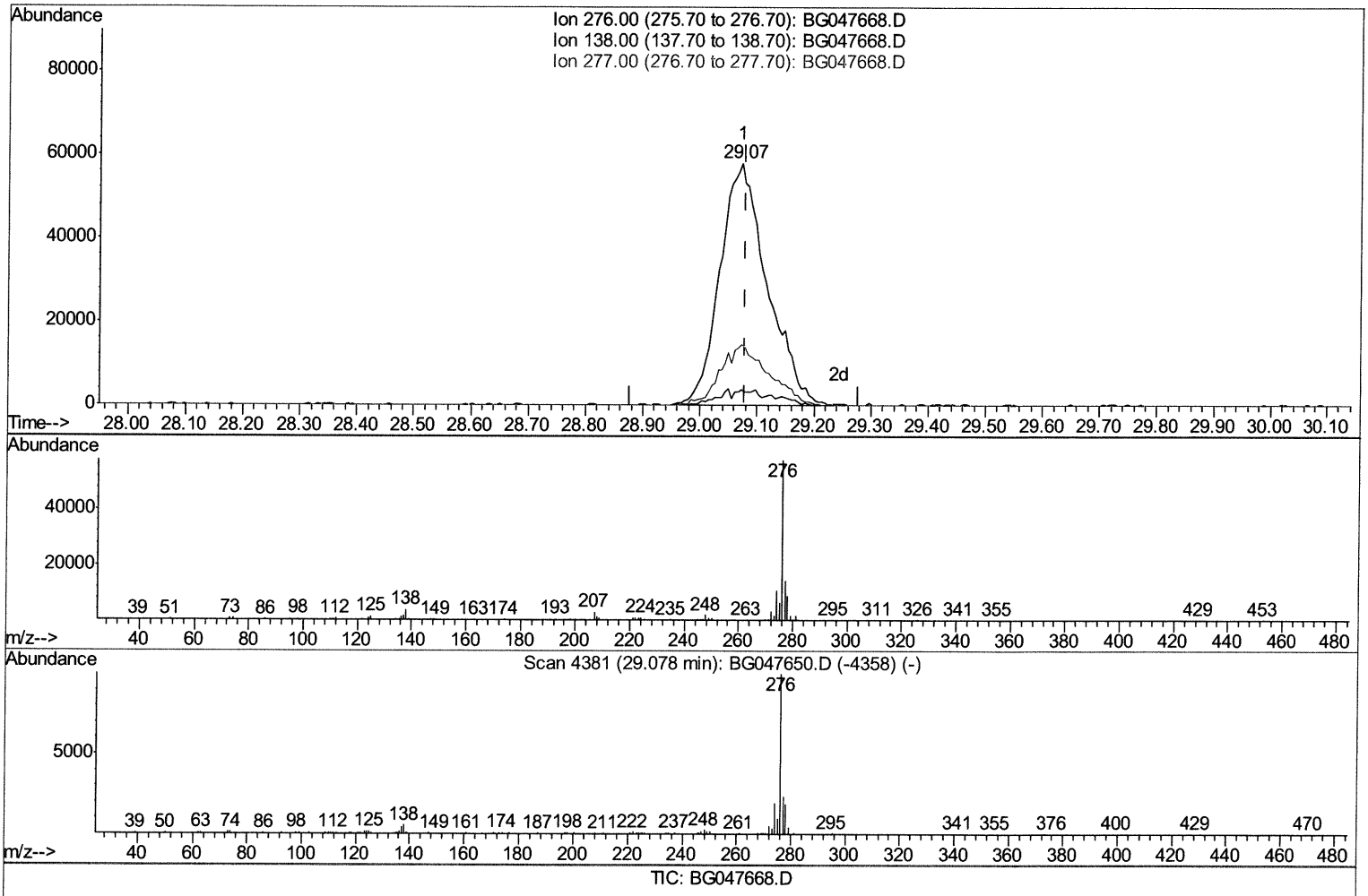

TIC: BG047668.D

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

29.073min (-0.005) 18.61ng/ul m 12/10/20 JU

response 333586

Ion	Exp%	Act%
276.00	100	100
138.00	4.10	6.51#
277.00	23.20	25.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120820\
Data File : BG047668.D
Acq On : 9 Dec 2020 4:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02037

Manual Integrations APPROVED
mohammad
12/9/2020 5:40:02 PM

Quant Time: Dec 09 11:31:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	27401	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	109010	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	85452	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	224054	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	218897	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	233475	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	5515	10.72	ng/uL	-0.01
5) Phenol-d5	7.35	99	45395	19.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	24309	20.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	35583	20.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	36419	19.57	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	16333	18.38	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	19984	18.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	41270	17.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	47634	22.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	134577	18.13	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	155252	18.31	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	21057	19.13	ng/ul	0.00
58) Fluorene-d10	15.82	176	127846	18.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	28016	18.47	ng/ul	0.00
71) Anthracene-d10	17.67	188	212537	19.02	ng/ul	0.00
79) Pyrene-d10	19.94	212	247600	19.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	248807	18.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	5674	10.692	ng/uL#	89
4) Benzaldehyde	7.34	77	31483	25.299	ng/ul	88
6) Phenol	7.38	94	43360	19.571	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.62	93	29779	19.317	ng/ul#	85
10) 2-Chlorophenol	7.77	128	34876	19.918	ng/ul#	90
11) 2-Methylphenol	8.64	108	35247	20.014	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.74	45	29437	20.388	ng/ul#	74
14) Acetophenone	9.04	105	58773	20.014	ng/ul#	81
15) N-Nitroso-di-n-propylamine	9.02	70	30610	18.862	ng/ul	97
16) 4-Methylphenol	8.97	108	37383	19.871	ng/ul#	61
17) Hexachloroethane	9.31	117	17584	20.541	ng/ul#	81
20) Nitrobenzene	9.43	77	52549	18.683	ng/ul	97
21) Isophorone	9.95	82	86190	17.834	ng/ul	99
23) 2-Nitrophenol	10.14	139	22059	20.134	ng/ul	85
24) 2,4-Dimethylphenol	10.19	107	48557	18.505	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.42	93	41905	18.929	ng/ul	96
27) 2,4-Dichlorophenol	10.68	162	37324	18.972	ng/ul	97
28) Naphthalene	11.09	128	112616	18.526	ng/ul	96
30) 4-Chloroaniline	11.19	127	41393	20.968	ng/ul	99
31) Hexachlorobutadiene	11.38	225	40584	18.891	ng/ul	91
32) Caprolactam	11.94	113	12066m>	18.205	ng/ul>	12/10/2020
33) 4-Chloro-3-methylphenol	12.29	107	42392	17.699	ng/ul	91
34) 2-Methylnaphthalene	12.68	142	85360	18.227	ng/ul	87

Quantitation Report (QT Reviewed)

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Acq On : 9 Dec 2020 4:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02037

Manual Integrations APPROVED
mohammad
12/9/2020 5:40:02 PM

Quant Time: Dec 09 11:31:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	102554	18.887	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	64547	19.007	ng/ul#	97
38) Hexachlorocyclopentadiene	13.02	237	46136	19.457	ng/ul	96
39) 2,4,6-Trichlorophenol	13.27	196	39911	17.999	ng/ul	98
40) 2,4,5-Trichlorophenol	13.34	196	42173	18.387	ng/ul#	77
41) 1,1'-Biphenyl	13.67	154	120573	18.744	ng/ul	94
42) 2-Chloronaphthalene	13.72	162	96347	18.499	ng/ul	93
43) 2-Nitroaniline	13.91	65	34185	18.368	ng/ul	96
45) Dimethylphthalate	14.27	163	133849	17.802	ng/ul	98
46) 2,6-Dinitrotoluene	14.40	165	28434	17.678	ng/ul	91
48) Acenaphthylene	14.56	152	145912	18.555	ng/ul	96
49) 3-Nitroaniline	14.73	138	24477	22.304	ng/ul#	91
50) Acenaphthene	14.90	153	98570	17.734	ng/ul	95
51) 2,4-Dinitrophenol	14.93	184	16460	17.725	ng/ul#	87
53) 4-Nitrophenol	15.02	109	35831	19.777	ng/ul	94
54) Dibenzofuran	15.23	168	149139	18.390	ng/ul	94
55) 2,4-Dinitrotoluene	15.18	165	43072	18.978	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.45	232	42831	19.962	ng/ul#	98
57) Diethylphthalate	15.63	149	132367	18.037	ng/ul	97
59) Fluorene	15.88	166	128787	18.573	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.86	204	78547	18.125	ng/ul	95
61) 4-Nitroaniline	15.88	138	24692	20.167	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.94	198	28754	18.804	ng/ul#	93
65) N-Nitrosodiphenylamine	16.07	169	114655	18.565	ng/ul#	88
66) 4-Bromophenyl-phenylether	16.76	248	55114	19.075	ng/ul#	86
67) Hexachlorobenzene	16.88	284	59336	18.830	ng/ul	93
68) Atrazine	17.00	200	52973	18.513	ng/ul	96
69) Pentachlorophenol	17.22	266	31475	23.101	ng/ul	98
70) Phenanthrene	17.62	178	230973	19.020	ng/ul	97
72) Anthracene	17.70	178	232075	19.172	ng/ul	94
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	64672	18.421	ng/uL	96
74) Pentachlorobenzene	15.15	250	65070	18.592	ng/uL	95
75) Carbazole	17.97	167	191390	19.826	ng/ul	96
76) Di-n-butylphthalate	18.51	149	228724	18.548	ng/ul	98
77) Fluoranthene	19.61	202	311888	20.185	ng/ul	98
80) Pyrene	19.97	202	302912	19.027	ng/ul#	97
81) Butylbenzylphthalate	20.84	149	101644	19.189	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.73	252	99149	19.820	ng/ul#	97
83) Benzo(a)anthracene	21.83	228	294934	18.859	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.71	149	138974	18.694	ng/ul	94
85) Chrysene	21.90	228	276980	18.766	ng/ul	98
87) Di-n-octyl phthalate	22.97	149	231860	18.844	ng/ul	100
88) Benzo(b)fluoranthene	24.14	252	298917	18.340	ng/ul#	95
89) Benzo(k)fluoranthene	24.21	252	297604m >	18.425	ng/ul >	12/10/2020
91) Benzo(a)pyrene	25.05	252	267491	18.200	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.07	276	333586m >	18.612	ng/ul >	12/10/2020
93) Dibenzo(a,h)anthracene	29.14	278	277631	18.480	ng/ul	97
94) Benzo(g,h,i)perylene	30.28	276	268285	18.232	ng/ul	93

Quantitation Report (QT Reviewed)

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Acq On : 9 Dec 2020 4:59
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Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 09 11:31:13 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

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

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

Instrument :
BNA_G
LabSampleId :
SSTD02037

Manual Integrations APPROVED
mohammad
12/9/2020 5:40:02 PM