Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080519\

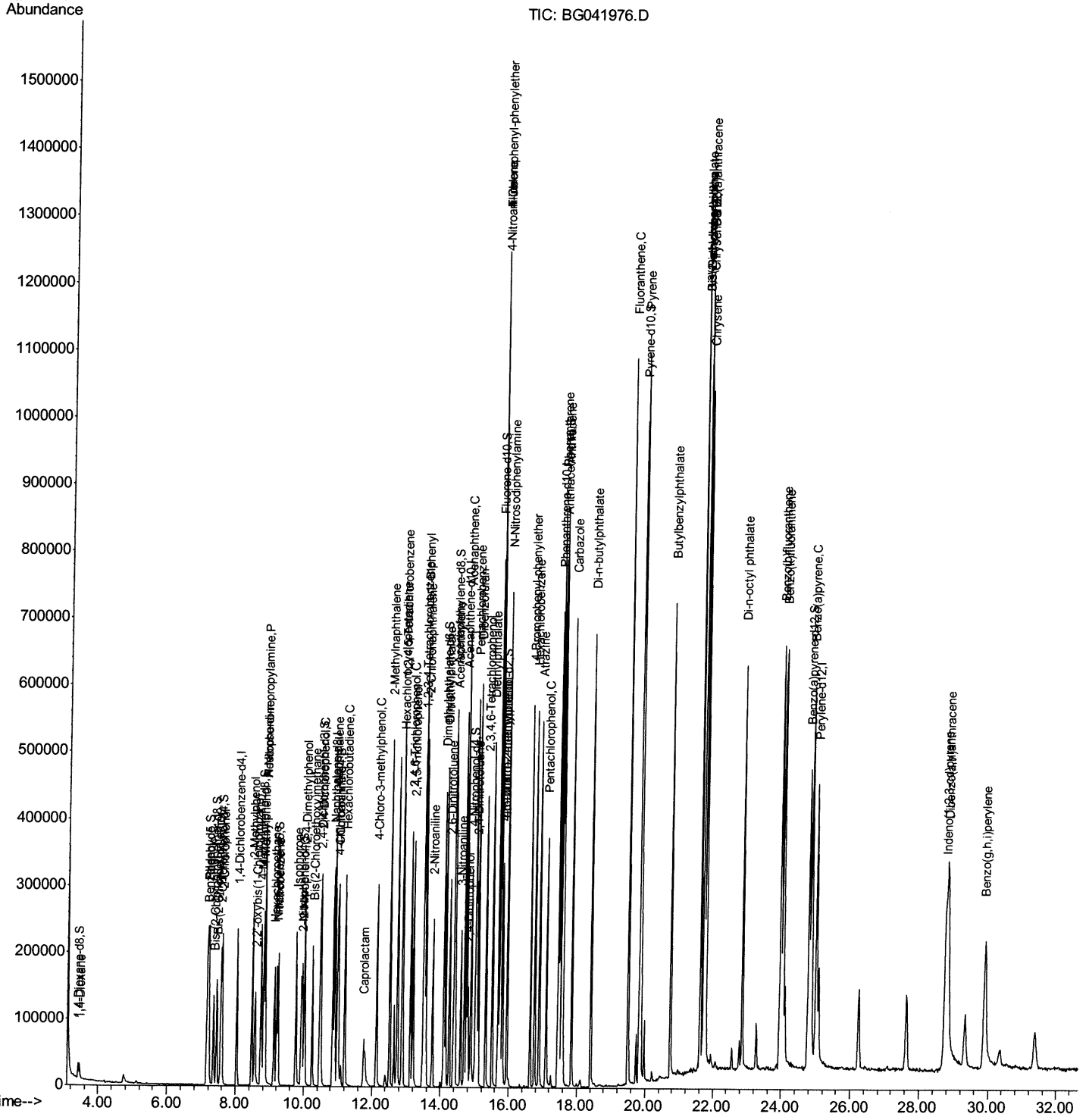
Quantitation Report (QT Reviewed)

Data File : BG041976.D
Acq On : 5 Aug 2019 21:57
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 06 06:42:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 04:50:21 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02085

Manual Integrations APPROVED
mohammad
8/6/2019 6:04:10 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080519\

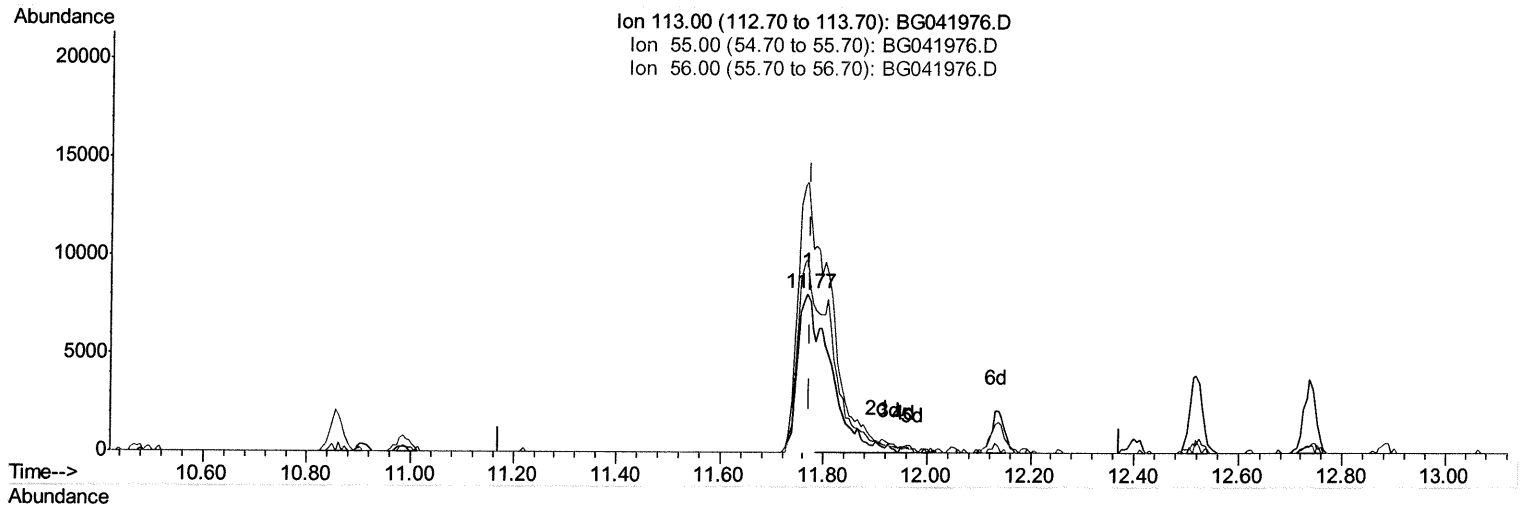
Quantitation Report (Qedit)

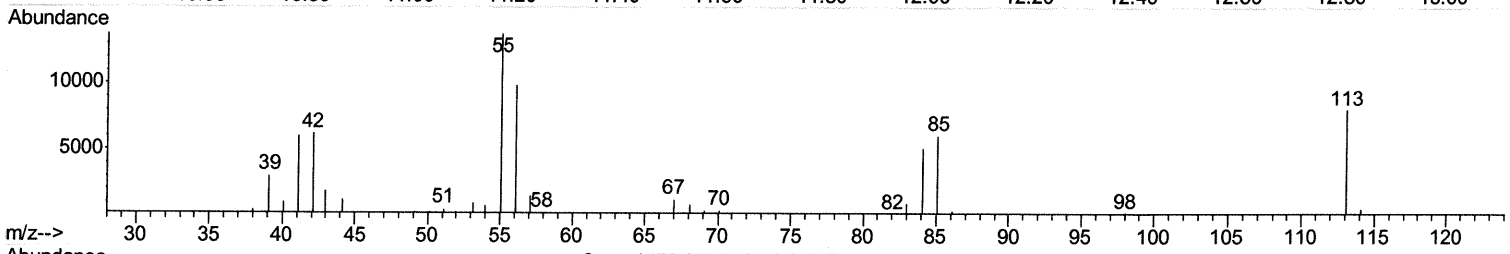
Data File : BG041976.D
Acq On : 5 Aug 2019 21:57
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

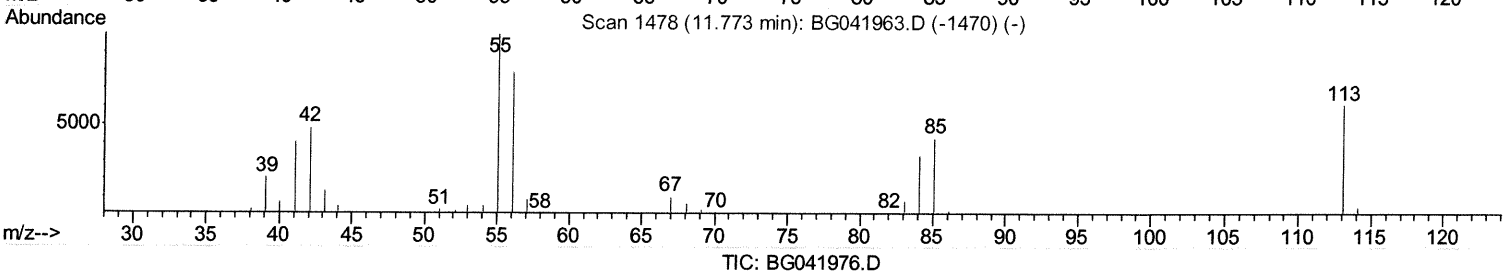
Quant Time: Aug 06 04:55:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 04:50:21 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02085

Manual Integrations APPROVED
mohammad
8/6/2019 6:04:10 PM







(32) Caprolactam

11.766min (-0.006) 10.25ng/ul

response 18375

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	170.47
56.00	136.80	122.45
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080519\

Quantitation Report (Qedit)

Data File : BG041976.D
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Operator : HP/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 06 04:55:09 2019
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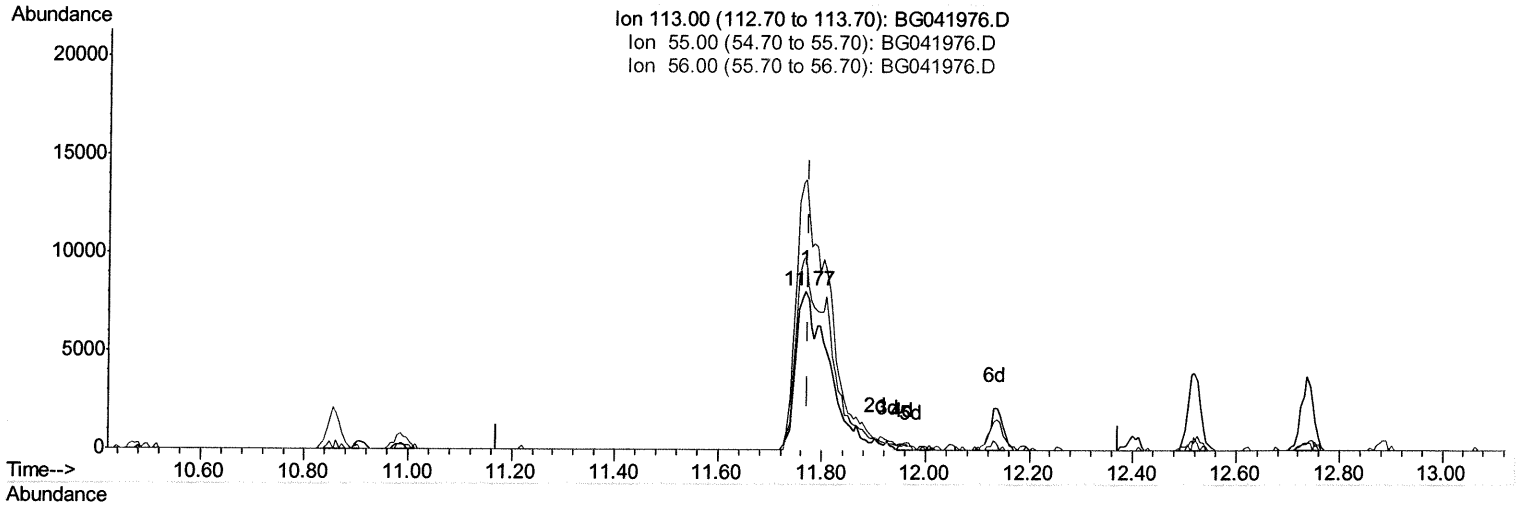
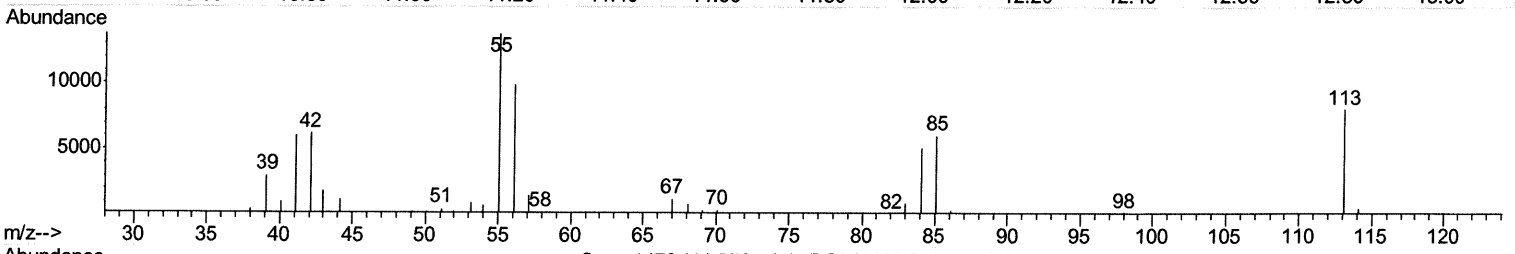
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 04:50:21 2019
Response via : Initial Calibration

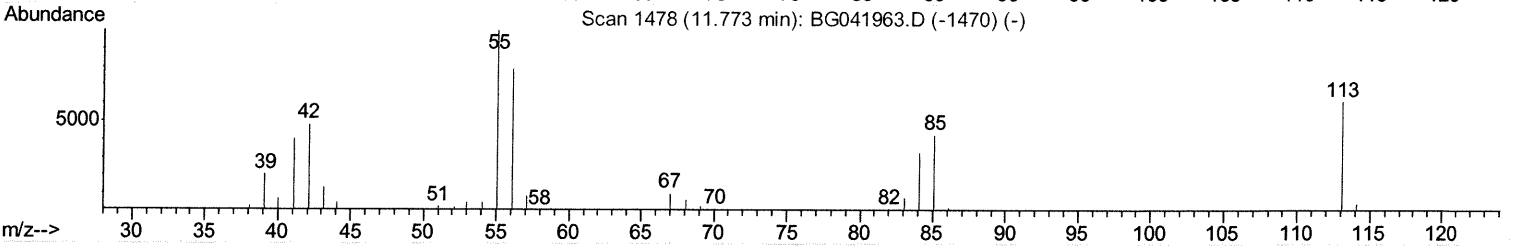
Instrument :
BNA_G
LabSampleId :
SSTD02085

Manual Integrations APPROVED
mohammad
8/6/2019 6:04:10 PM





Scan 1478 (11.773 min): BG041963.D (-1470) (-)



TIC: BG041976.D

(32) Caprolactam

11.766min (-0.006) 20.00ng/ul m JU 08/09/19

response 35838

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	170.47
56.00	136.80	122.45
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080519\

Quantitation Report (Qedit)

Data File : BG041976.D
Acq On : 5 Aug 2019 21:57
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 06 04:55:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 04:50:21 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02085

Manual Integrations APPROVED
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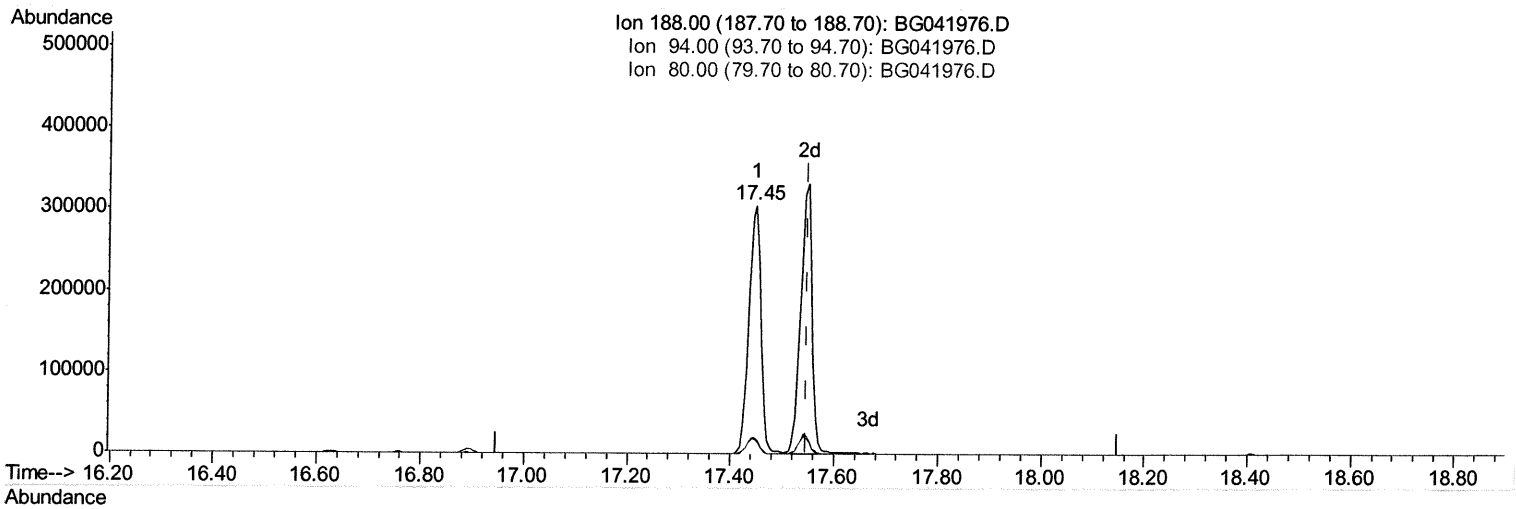
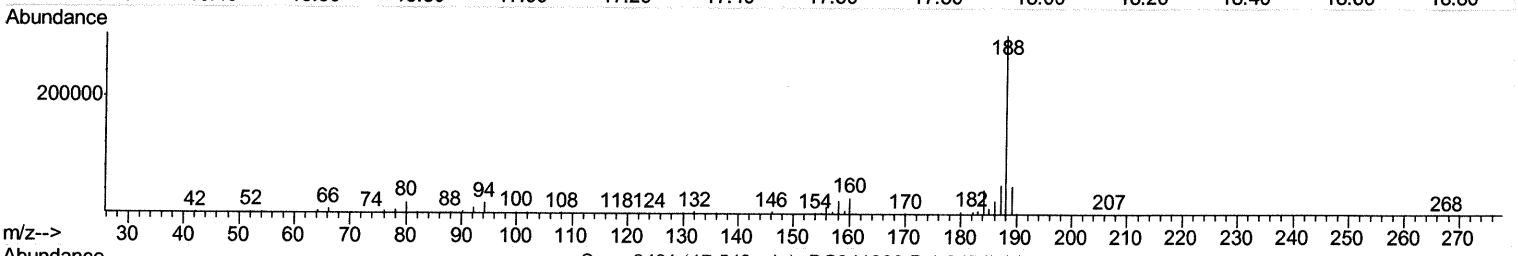
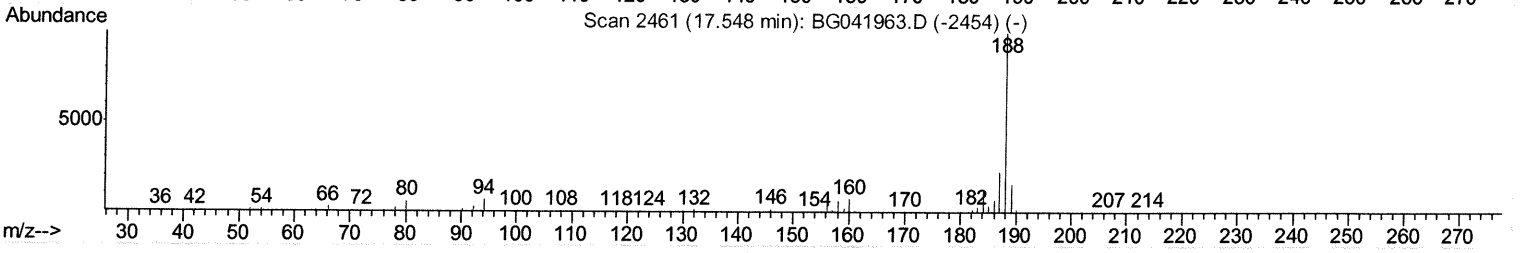




Scan 2461 (17.548 min): BG041963.D (-2454) (-)



TIC: BG041976.D

(70) Anthracene-d10 (S)

17.448min (-0.100) 20.84ng/ul

response 490617

Ion	Exp%	Act%
188.00	100	100
94.00	7.20	6.04
80.00	7.00	6.36
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080519\

Quantitation Report (Qedit)

Data File : BG041976.D
Acq On : 5 Aug 2019 21:57
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 06 04:55:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 04:50:21 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02085

Manual Integrations APPROVED
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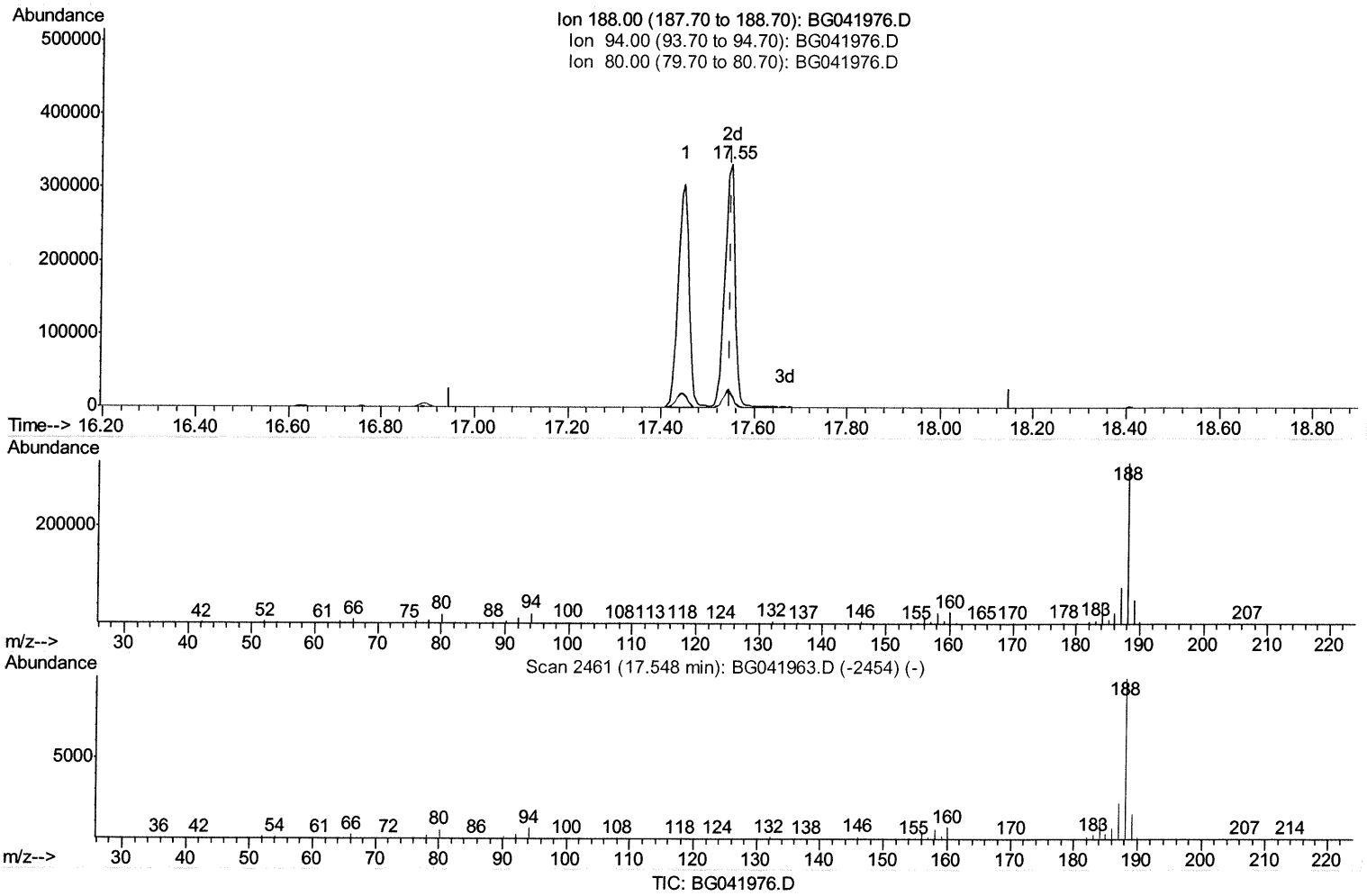

TIC: BG041976.D

(70) Anthracene-d10 (S)

17.548min (-0.001) 21.92ng/ul m JU 08/09/19

response 516059

Ion	Exp%	Act%
188.00	100	100
94.00	7.20	6.24
80.00	7.00	5.56#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080519\

Quantitation Report (Qedit)

Data File : BG041976.D
Acq On : 5 Aug 2019 21:57
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 06 04:55:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 04:50:21 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02085

Manual Integrations APPROVED
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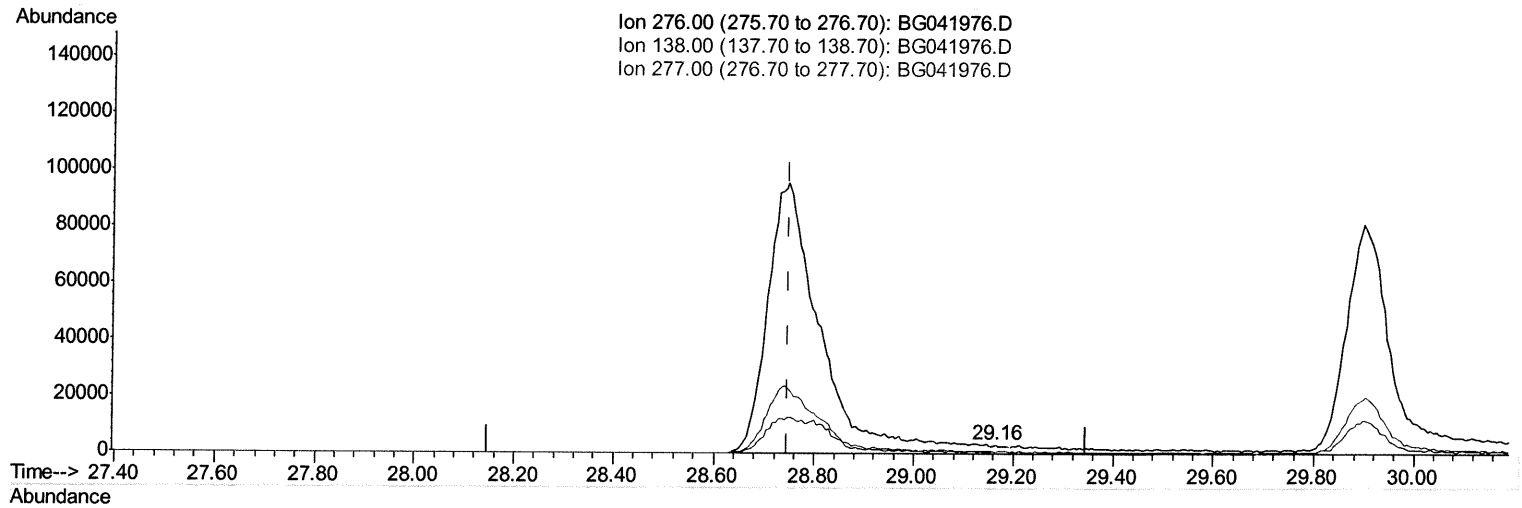
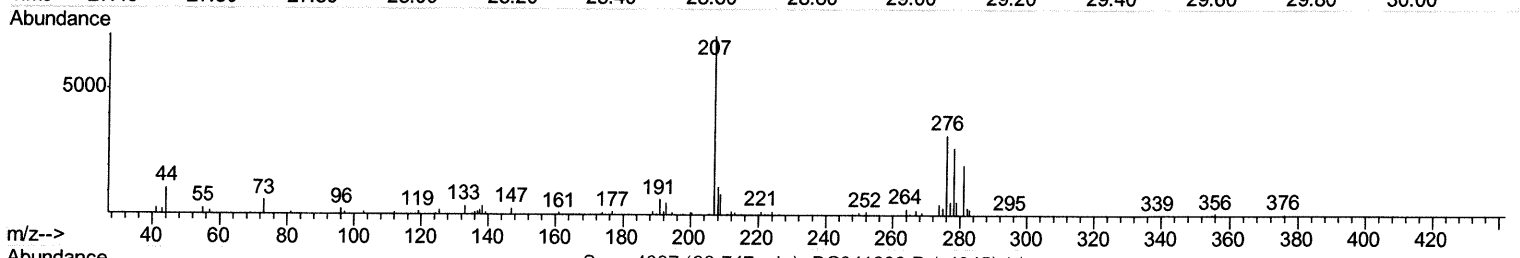
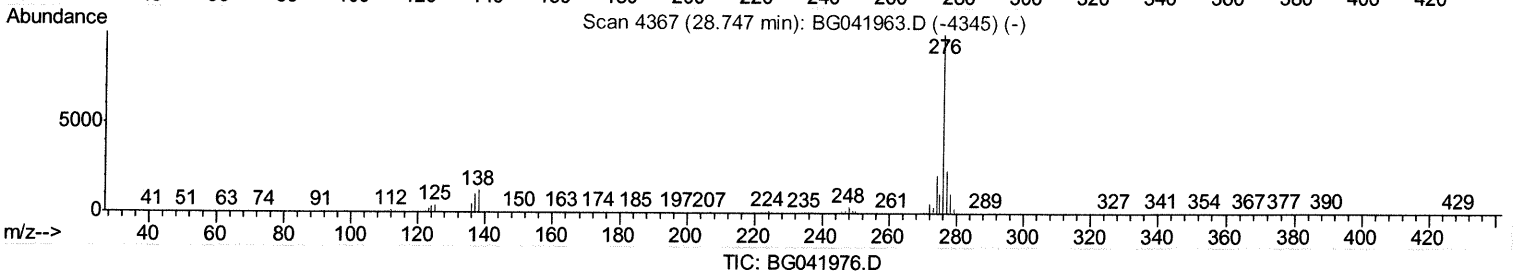
8/6/2019 6:04:10 PM





Scan 4367 (28.747 min): BG041963.D (-4345) (-)



TIC: BG041976.D

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

29.163min (+0.417) 0.03ng/ul

response 1163

Ion	Exp%	Act%
276.00	100	100
138.00	15.00	15.36
277.00	24.00	20.25
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080519\

Quantitation Report (Qedit)

Data File : BG041976.D
Acq On : 5 Aug 2019 21:57
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 06 04:55:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 04:50:21 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02085

Manual Integrations APPROVED
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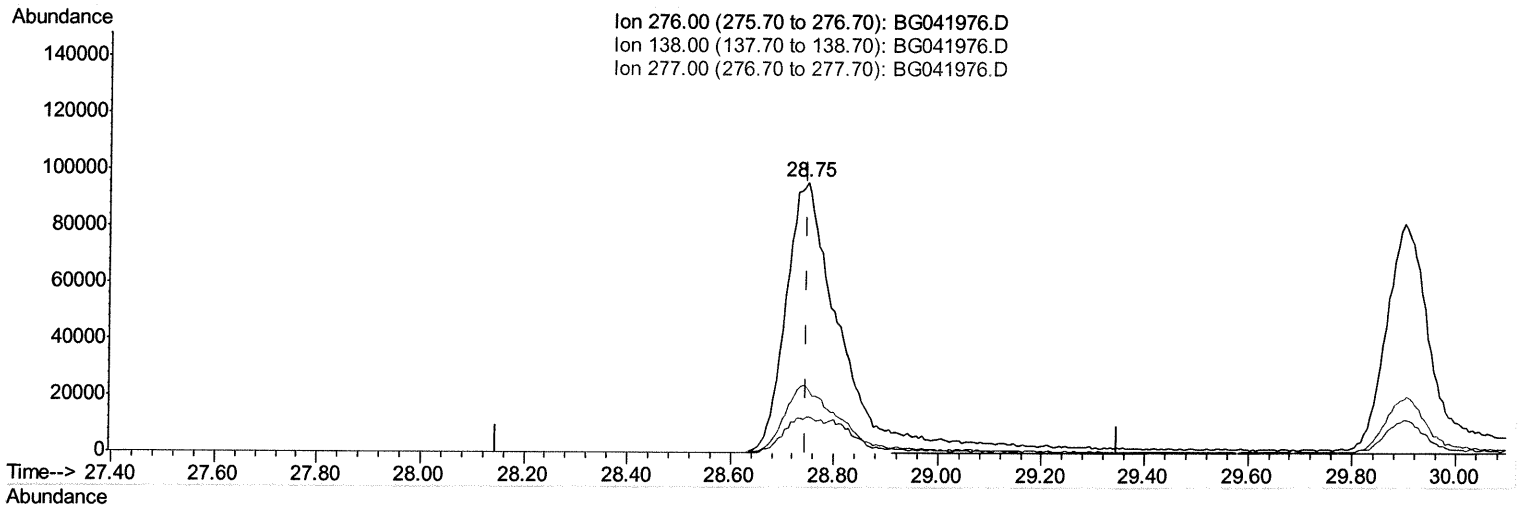
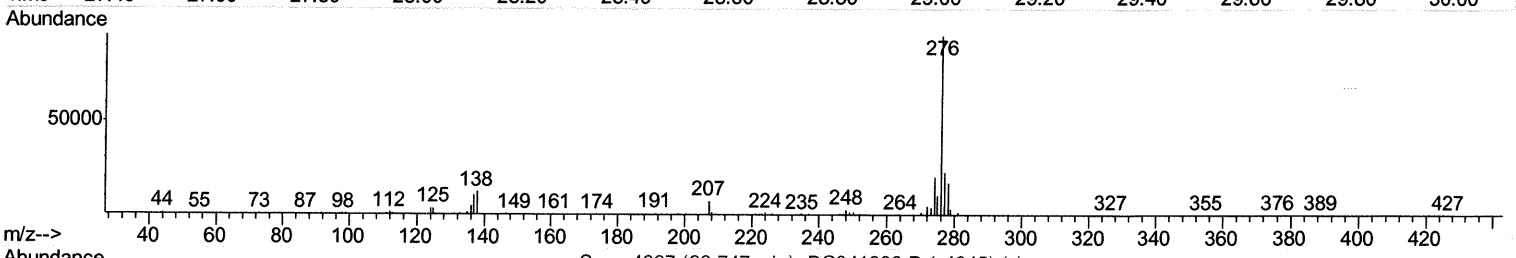
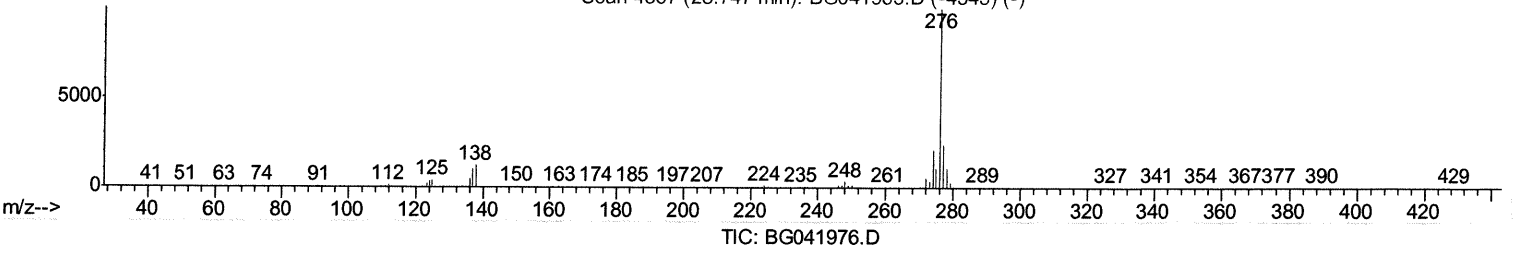
8/6/2019 6:04:10 PM





Scan 4367 (28.747 min): BG041963.D (-4345) (-)



TIC: BG041976.D

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

28.746min (-0.001) 18.76ng/ul m JV 08/09/19

response 642784

Ion	Exp%	Act%
276.00	100	100
138.00	15.00	13.05
277.00	24.00	24.03
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080519\

Quantitation Report (QT Reviewed)

Data File : BG041976.D
Acq On : 5 Aug 2019 21:57
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 06 06:42:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 04:50:21 2019
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02085

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	76913	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	316591	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	219917	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	490617	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	487134	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	491335	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	12602	7.17	ng/uL	0.00
5) Phenol-d5	7.18	99	124301	20.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	64967	19.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	110233	21.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	101422	20.01	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	52735	22.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	65572	23.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	128993	23.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	143608	23.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	357381	20.95	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	421867	21.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	62092	21.68	ng/ul	0.00
57) Fluorene-d10	15.69	176	329723	21.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	66024	20.98	ng/ul	0.00
70) Anthracene-d10	17.55	188	516059m →	21.92	ng/ul>	0.00 JU 08/09/19
78) Pyrene-d10	19.83	212	586924	21.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	608825	23.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	12185	6.691	ng/uL	95
4) Benzaldehyde	7.16	77	60326	21.152	ng/ul	96
6) Phenol	7.21	94	130596	20.961	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.45	93	94736	19.987	ng/ul	96
10) 2-Chlorophenol	7.59	128	110106	21.049	ng/ul	98
11) 2-Methylphenol	8.48	108	102053	20.430	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.56	45	144127	17.976	ng/ul	96
14) Acetophenone	8.86	105	157880	20.256	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.85	70	75825	18.416	ng/ul	97
16) 4-Methylphenol	8.80	108	110032	20.389	ng/ul	94
17) Hexachloroethane	9.13	117	34646	15.995	ng/ul	96
20) Nitrobenzene	9.24	77	114633	21.119	ng/ul	97
21) Isophorone	9.77	82	193118	17.845	ng/ul#	96
23) 2-Nitrophenol	9.96	139	70716	23.921	ng/ul	97
24) 2,4-Dimethylphenol	10.02	107	115825	19.858	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.26	93	130426	20.299	ng/ul	96
27) 2,4-Dichlorophenol	10.50	162	124867	22.542	ng/ul	96
28) Naphthalene	10.91	128	344172	21.265	ng/ul	99
30) 4-Chloroaniline	11.01	127	143384	23.018	ng/ul	99
31) Hexachlorobutadiene	11.20	225	87915	20.904	ng/ul	98
32) Caprolactam	11.77	113	35838m →	19.997	ng/ul	JU 08/09/19
33) 4-Chloro-3-methylphenol	12.14	107	116626	21.369	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	274237	21.318	ng/ul	99

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Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02085

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.89	216	190014	24.166 ng/ul	98
37) Hexachlorocyclopentadiene	12.87	237	67883	13.674 ng/ul	99
38) 2,4,6-Trichlorophenol	13.12	196	115834	23.804 ng/ul	96
39) 2,4,5-Trichlorophenol	13.19	196	127794	23.544 ng/ul	99
40) 1,1'-Biphenyl	13.52	154	355330	22.221 ng/ul	99
41) 2-Chloronaphthalene	13.56	162	289001	22.445 ng/ul	99
42) 2-Nitroaniline	13.76	65	72115	21.410 ng/ul	86
44) Dimethylphthalate	14.14	163	345800	20.419 ng/ul	98
45) 2,6-Dinitrotoluene	14.26	165	82370	22.361 ng/ul	93
47) Acenaphthylene	14.42	152	421013	21.410 ng/ul	98
48) 3-Nitroaniline	14.59	138	72378	24.638 ng/ul	93
49) Acenaphthene	14.76	153	296086	21.533 ng/ul	99
50) 2,4-Dinitrophenol	14.80	184	46219	22.931 ng/ul	91
52) 4-Nitrophenol	14.89	109	46280	21.807 ng/ul	99
53) Dibenzofuran	15.09	168	450228	21.940 ng/ul	98
54) 2,4-Dinitrotoluene	15.05	165	116900	21.827 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.32	232	115982	22.547 ng/ul#	99
56) Diethylphthalate	15.51	149	326961	19.408 ng/ul	99
58) Fluorene	15.74	166	353476	21.385 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.73	204	210087	21.888 ng/ul	99
60) 4-Nitroaniline	15.75	138	76361	23.332 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.82	198	71322	21.031 ng/ul	98
64) N-Nitrosodiphenylamine	15.94	169	328912	22.597 ng/ul	98
65) 4-Bromophenyl-phenylether	16.63	248	148811	22.911 ng/ul	97
66) Hexachlorobenzene	16.75	284	141665	21.716 ng/ul	90
67) Atrazine	16.90	200	125326	20.544 ng/ul	98
68) Pentachlorophenol	17.10	266	87738	24.694 ng/ul	96
69) Phenanthrene	17.49	178	582220	21.677 ng/ul	98
71) Anthracene	17.58	178	589730	21.648 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	190972	24.426 ng/uL	99
73) Pentachlorobenzene	15.02	250	186764	23.626 ng/uL	98
74) Carbazole	17.84	167	518785	22.990 ng/ul	99
75) Di-n-butylphthalate	18.41	149	544052	19.562 ng/ul	99
76) Fluoranthene	19.50	202	742783	23.935 ng/ul	97
79) Pyrene	19.86	202	713438	21.773 ng/ul	97
80) Butylbenzylphthalate	20.75	149	250469	19.420 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.62	252	261384	23.608 ng/ul	99
82) Benzo(a)anthracene	21.71	228	730960	21.642 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	322977	18.353 ng/ul	100
84) Chrysene	21.78	228	678219	21.514 ng/ul	99
86) Di-n-octyl phthalate	22.85	149	586350	24.120 ng/ul	100
87) Benzo(b)fluoranthene	23.96	252	685696	22.238 ng/ul	97
88) Benzo(k)fluoranthene	24.03	252	727397	24.536 ng/ul	99
90) Benzo(a)pyrene	24.85	252	673930	22.937 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.75	276	642784m	18.756 ng/ul	97
92) Dibenzo(a,h)anthracene	28.81	278	547586	19.589 ng/ul	97
93) Benzo(g,h,i)perylene	29.90	276	459465	16.058 ng/ul	98

→ JU 08/09/19

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