

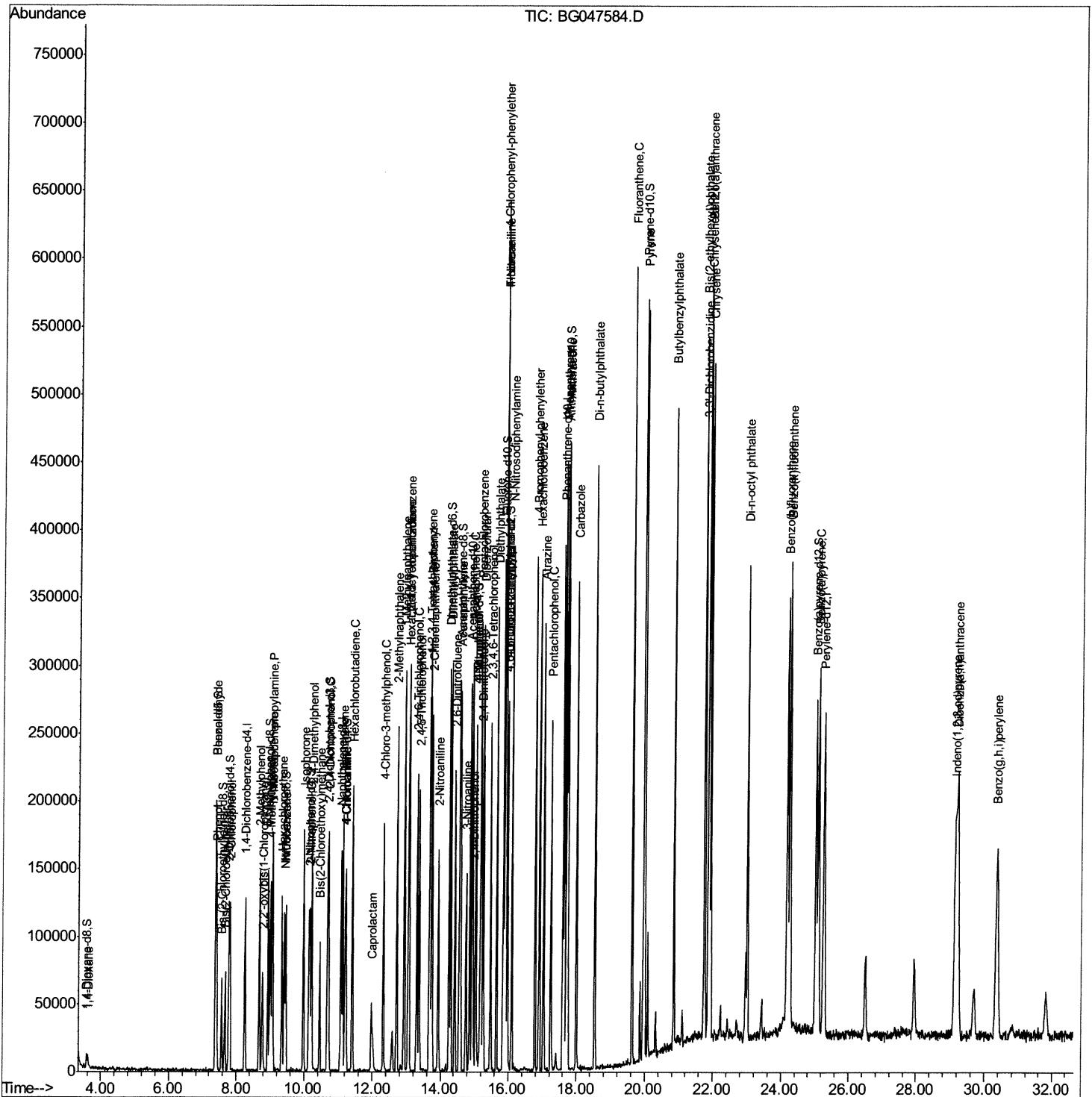
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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\  
Data File : BG047584.D  
Acq On    : 5 Dec 2020 00:00  
Operator  : CG/JU  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 17      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02074

Manual Integrations

mohammad
12/7/2020 2:00:11 PM

Quant Time: Dec 05 02:36:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 00:50:33 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

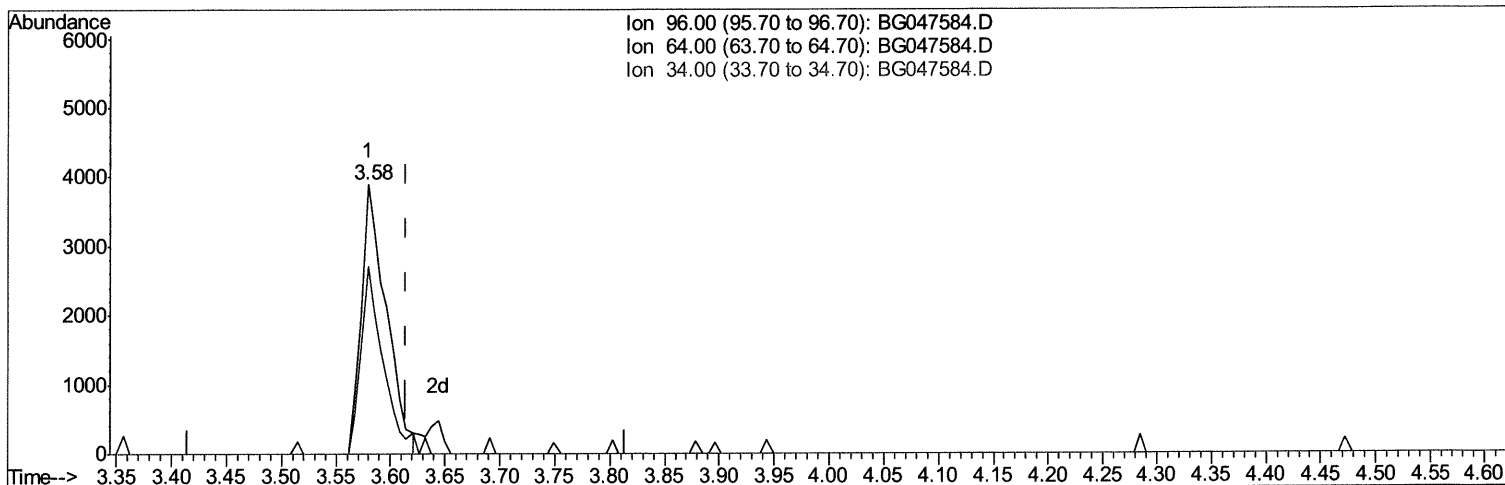
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047584.D
 Acq On : 5 Dec 2020 00:00
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 LabSampleId :
 SSTD02074

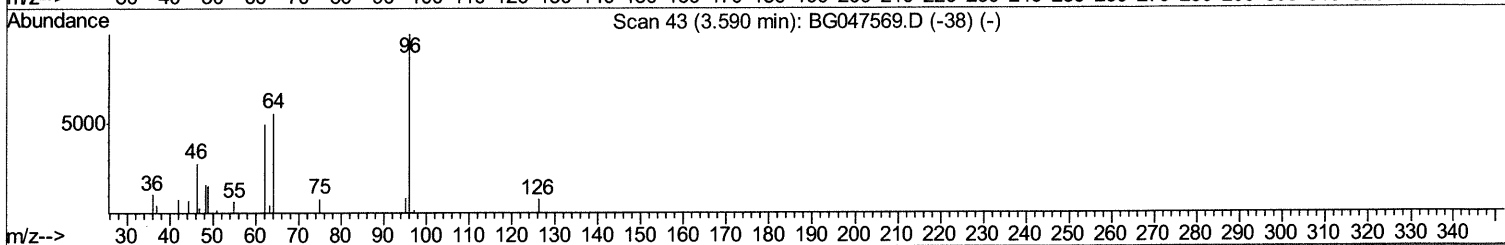
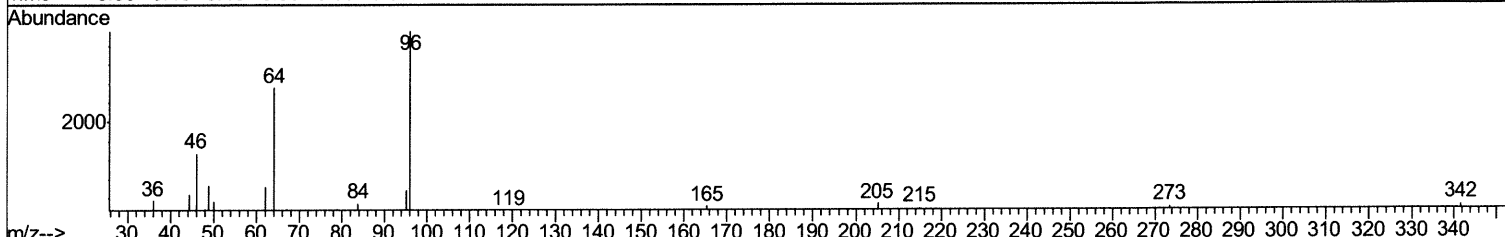
Manual Integrations
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Quant Time: Dec 05 02:32:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
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Ion 96.00 (95.70 to 96.70): BG047584.D
 Ion 64.00 (63.70 to 64.70): BG047584.D
 Ion 34.00 (33.70 to 34.70): BG047584.D



TIC: BG047584.D

(3) 1,4-Dioxane-d8 (S)

3.579min (-0.035) 7.49ng/uL

response 6169

Ion	Exp%	Act%
96.00	100	100
64.00	61.30	69.54
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

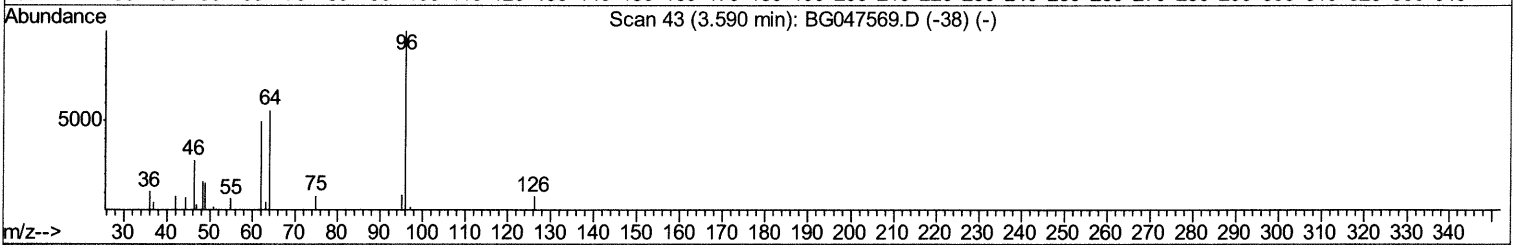
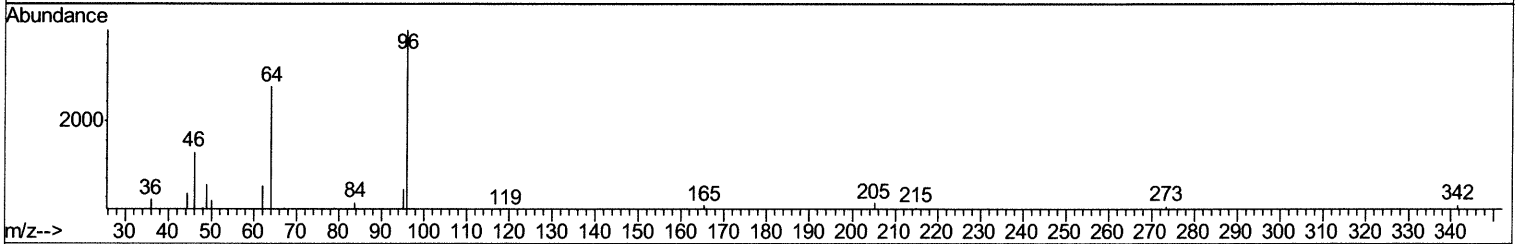
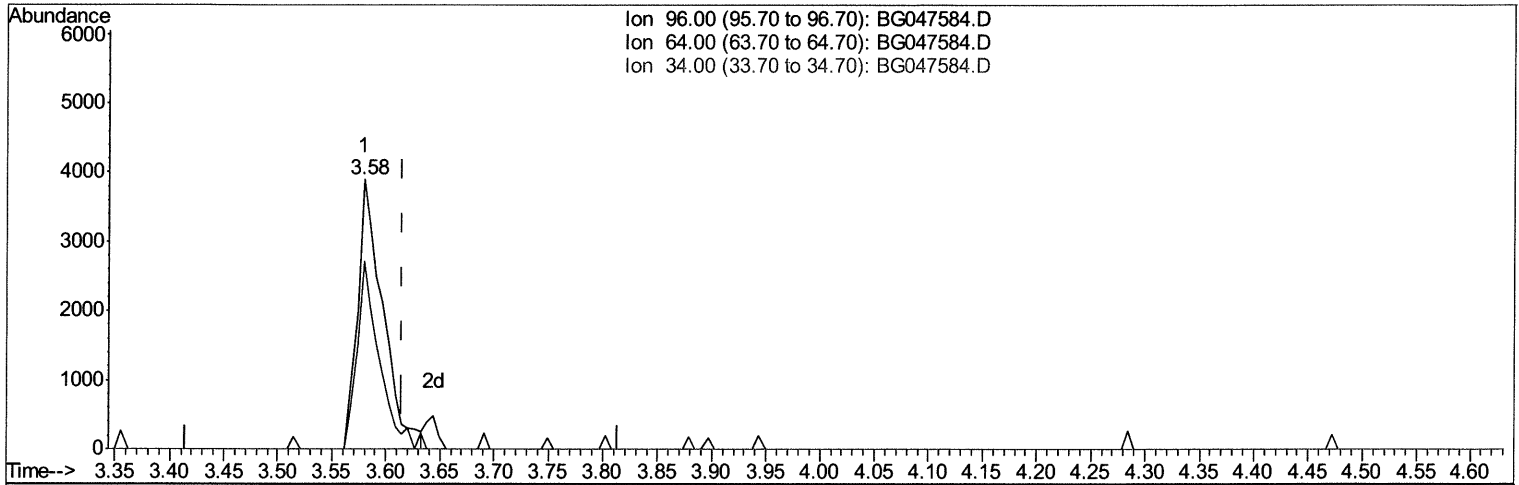
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047584.D
 Acq On : 5 Dec 2020 00:00
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02074

Manual Integrations
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Quant Time: Dec 05 02:32:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BG047584.D

(3) 1,4-Dioxane-d8 (S)

3.579min (-0.035) 7.72ng/uL m 12/07/2024

response 6361

Ion	Exp%	Act%
96.00	100	100
64.00	61.30	69.54
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

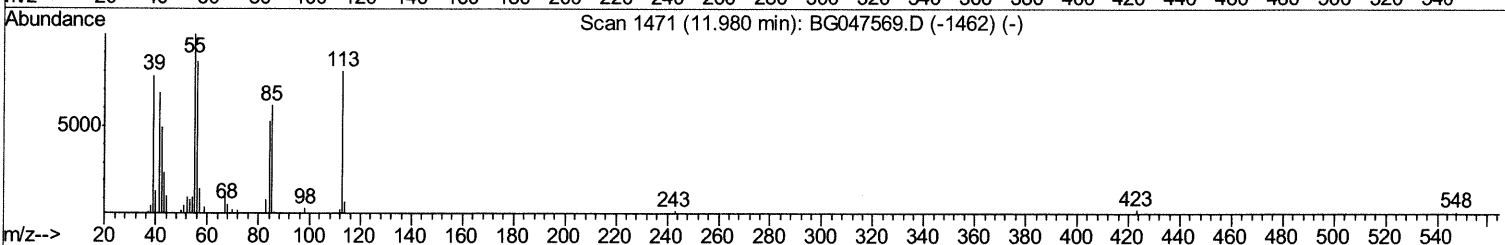
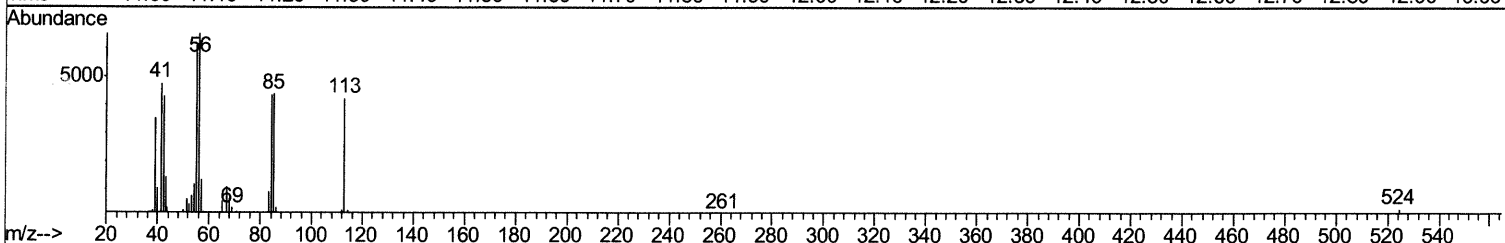
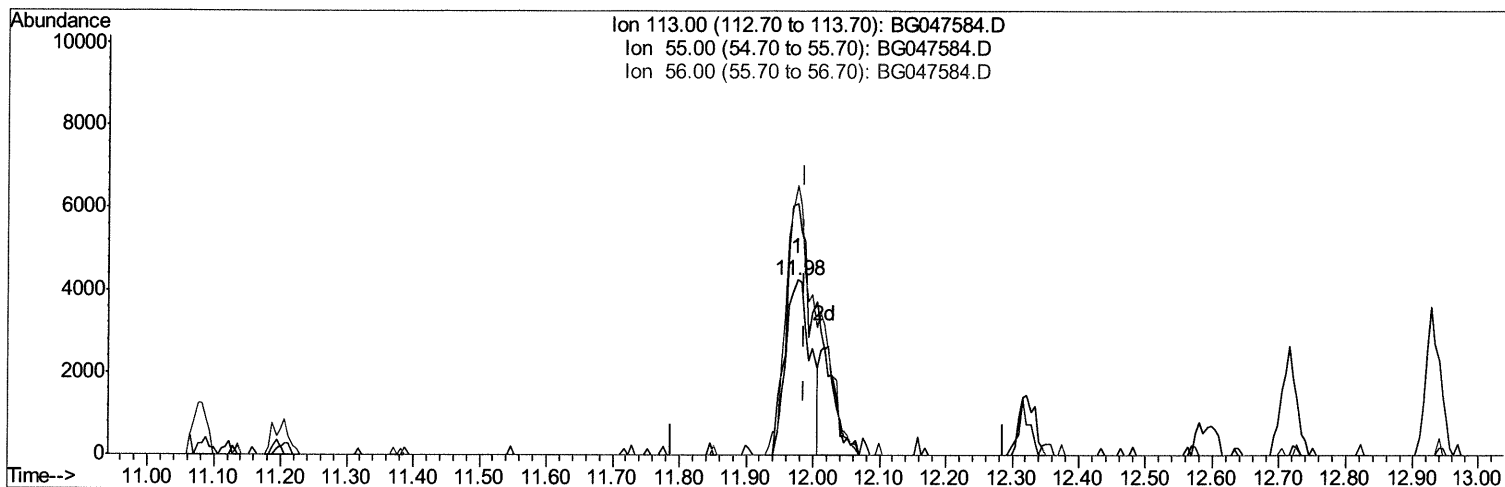
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047584.D
 Acq On : 5 Dec 2020 00:00
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
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Instrument :
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Manual Integrations
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TIC: BG047584.D

(32) Caprolactam

11.975min (-0.012) 13.18ng/ul

response 10752

Ion	Exp%	Act%
113.00	100	100
55.00	121.30	143.69
56.00	138.20	154.33
0.00	0.00	0.00

Quantitation Report (Qedit)

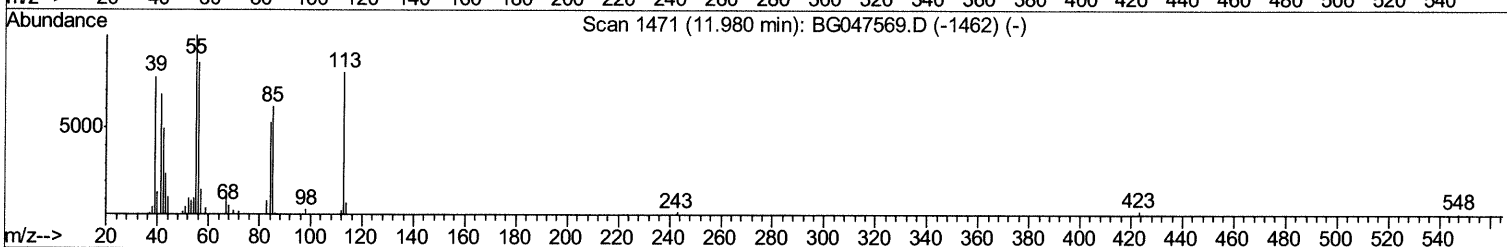
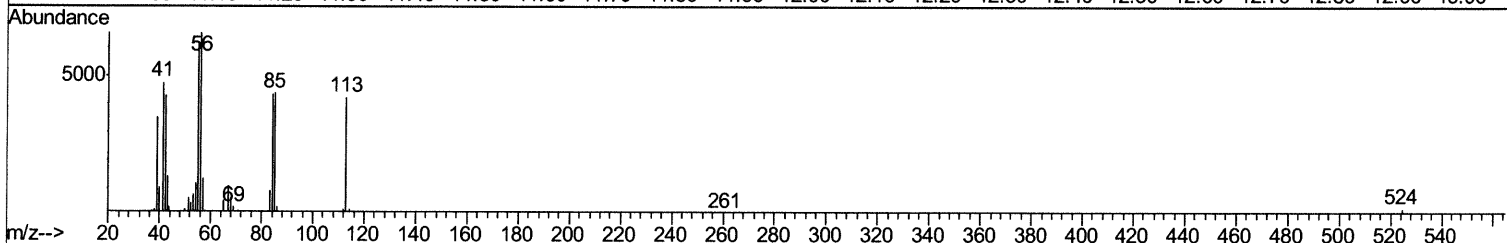
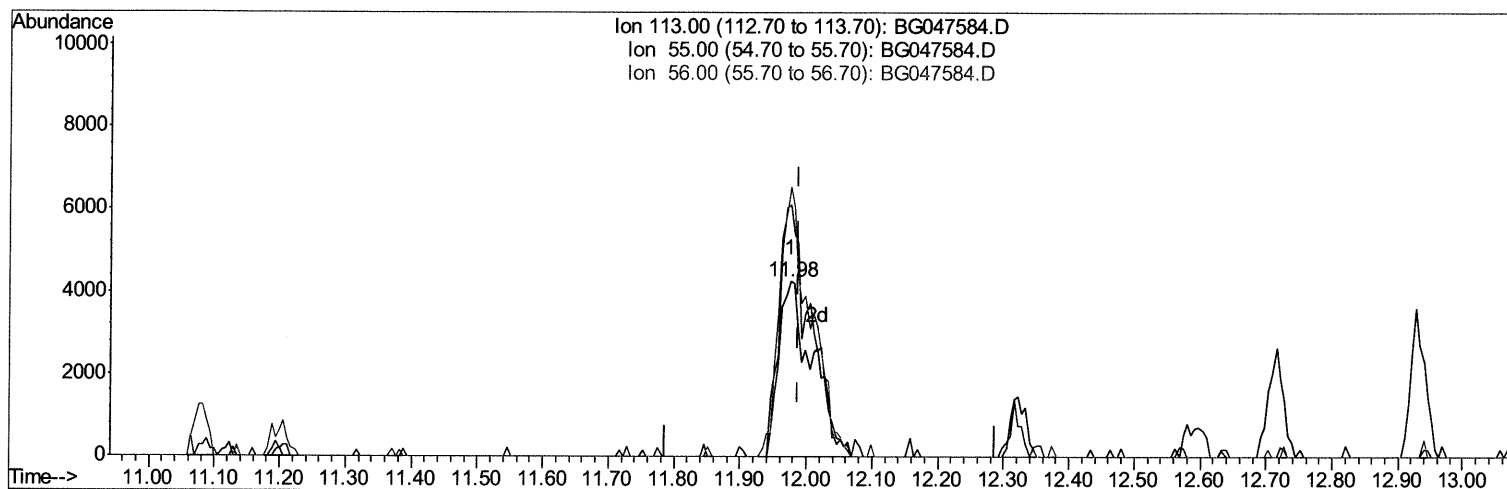
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047584.D
 Acq On : 5 Dec 2020 00:00
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
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Manual Integrations
 APPROVED

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TIC: BG047584.D

(32) Caprolactam

11.975min (-0.012) 18.52ng/ul m

12/07/2020

response 15104

Ion	Exp%	Act%
113.00	100	100
55.00	121.30	143.69
56.00	138.20	154.33
0.00	0.00	0.00

Quantitation Report (Qedit)

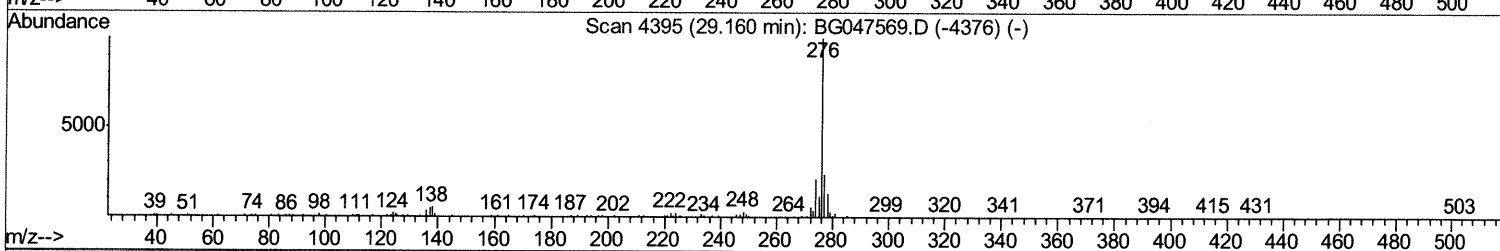
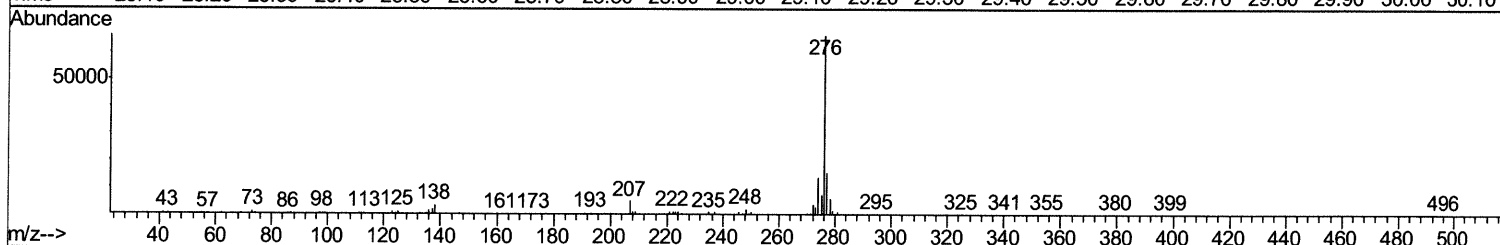
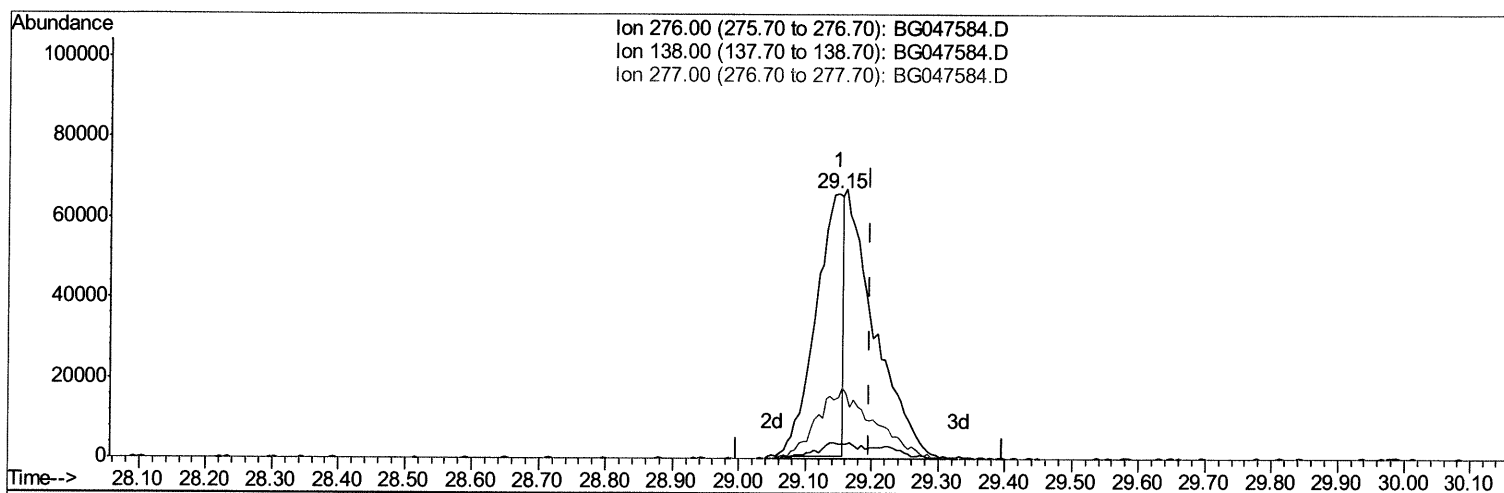
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
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 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
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Manual Integrations
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TIC: BG047584.D

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

29.149min (-0.047) 9.45ng/ul

response 188329

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	5.37#
277.00	24.90	23.17
0.00	0.00	0.00

Quantitation Report (Qedit)

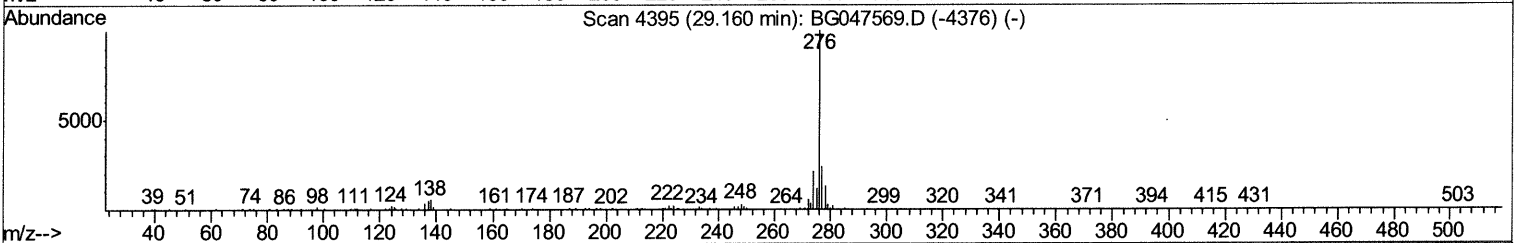
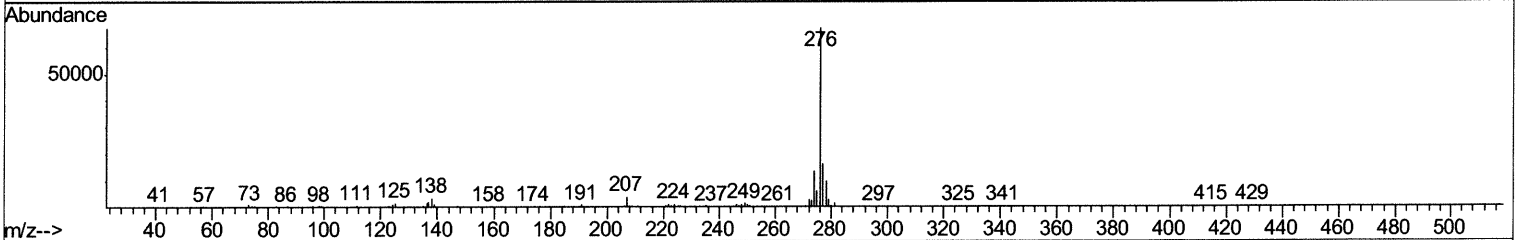
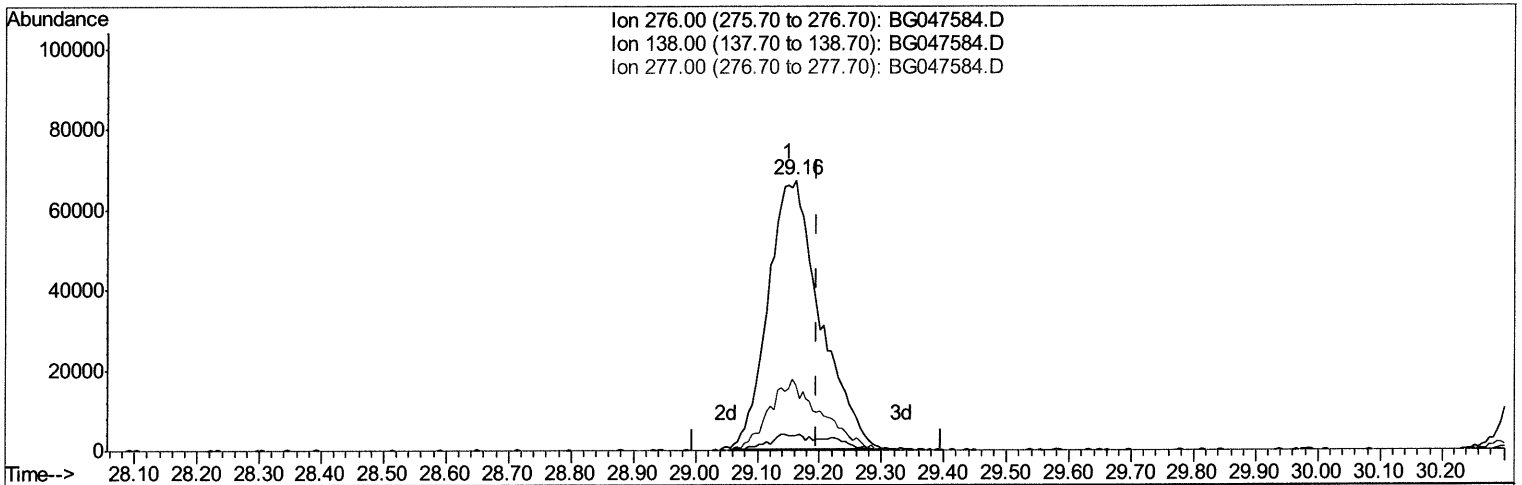
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
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 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
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Manual Integrations
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TIC: BG047584.D

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

29.161min (-0.035) 19.83ng/ul m 12/07/2024

response 395023

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	5.30#
277.00	24.90	24.07
0.00	0.00	0.00

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Manual Integrations
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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)
1) 1,4-Dichlorobenzene-d4	8.25	152	29959	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	122129	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	98726	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	265342	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	248531	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	260189	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	6361m>	7.72	ng/uL	>-0.04	12/07/2020
5) Phenol-d5	7.39	99	56346	18.75	ng/ul	-0.01	
7) Bis-(2-Chloroethyl)ether-d	7.56	67	28348	16.54	ng/ul	-0.02	
9) 2-Chlorophenol-d4	7.78	132	44848	22.26	ng/ul	-0.02	
13) 4-Methylphenol-d8	8.94	113	44505	19.28	ng/ul	-0.02	
19) Nitrobenzene-d5	9.41	128	22299	22.10	ng/ul	-0.02	
22) 2-Nitrophenol-d4	10.15	143	24776	22.51	ng/ul	-0.02	
26) 2,4-Dichlorophenol-d3	10.68	165	52947	21.01	ng/ul	-0.02	
29) 4-Chloroaniline-d4	11.20	131	53761	21.09	ng/ul	-0.02	
44) Dimethylphthalate-d6	14.25	166	171067	20.18	ng/ul	-0.02	
47) Acenaphthylene-d8	14.56	160	194315	19.84	ng/ul	-0.02	
52) 4-Nitrophenol-d4	15.03	143	25387	19.63	ng/ul	0.00	
58) Fluorene-d10	15.85	176	160153	20.63	ng/ul	-0.02	
63) 4,6-Dinitro-2-methylphenol	15.95	200	36265	24.01	ng/ul	-0.02	
71) Anthracene-d10	17.70	188	265304	20.16	ng/ul	-0.02	
79) Pyrene-d10	19.97	212	304476	21.05	ng/ul	-0.01	
90) Benzo(a)pyrene-d12	25.03	264	302005	20.17	ng/ul	-0.03	

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.61	88	5233	6.153	ng/uL# 56
4) Benzaldehyde	7.37	77	30501	17.187	ng/ul 95
6) Phenol	7.42	94	54563	18.955	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.66	93	36763	17.302	ng/ul 96
10) 2-Chlorophenol	7.81	128	43096	21.192	ng/ul 97
11) 2-Methylphenol	8.68	108	41823	18.703	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.77	45	35214	15.756	ng/ul 97
14) Acetophenone	9.07	105	71271	20.042	ng/ul 90
15) N-Nitroso-di-n-propylamine	9.06	70	39387	18.359	ng/ul# 95
16) 4-Methylphenol	9.01	108	44810	19.093	ng/ul 84
17) Hexachloroethane	9.35	117	21090	22.069	ng/ul 96
20) Nitrobenzene	9.46	77	64574	19.791	ng/ul# 95
21) Isophorone	9.98	82	112722	18.127	ng/ul 99
23) 2-Nitrophenol	10.18	139	26455	22.108	ng/ul# 79
24) 2,4-Dimethylphenol	10.22	107	58869	19.381	ng/ul 93
25) Bis(2-Chloroethoxy)methane	10.47	93	49902	16.684	ng/ul 97
27) 2,4-Dichlorophenol	10.72	162	47547	21.250	ng/ul 95
28) Naphthalene	11.13	128	135446	19.581	ng/ul 97
30) 4-Chloroaniline	11.22	127	50865	20.941	ng/ul 90
31) Hexachlorobutadiene	11.41	225	48837	23.200	ng/ul 96
32) Caprolactam	11.98	113	15104m>	18.520	ng/ul#> 12/07/2020
33) 4-Chloro-3-methylphenol	12.33	107	55893	20.213	ng/ul 99
34) 2-Methylnaphthalene	12.72	142	106281	20.734	ng/ul 96

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 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual Integrations
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Quant Time: Dec 05 02:36:55 2020
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 05 00:50:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
35) 1-Methylnaphthalene	12.93	142	126112	20.932	ng/uL#	97
37) 1,2,4,5-Tetrachlorobenzene	13.07	216	82077	21.157	ng/ul	98
38) Hexachlorocyclopentadiene	13.06	237	55901	20.708	ng/ul	93
39) 2,4,6-Trichlorophenol	13.30	196	48769	20.243	ng/ul	94
40) 2,4,5-Trichlorophenol	13.37	196	52708	21.073	ng/ul	97
41) 1,1'-Biphenyl	13.70	154	150408	19.641	ng/ul#	93
42) 2-Chloronaphthalene	13.75	162	119481	19.683	ng/ul	96
43) 2-Nitroaniline	13.94	65	45406	20.565	ng/ul	92
45) Dimethylphthalate	14.30	163	170981	19.778	ng/ul	98
46) 2,6-Dinitrotoluene	14.43	165	35732	21.584	ng/ul	87
48) Acenaphthylene	14.59	152	177383	19.484	ng/ul#	92
49) 3-Nitroaniline	14.75	138	29840	23.083	ng/ul#	79
50) Acenaphthene	14.93	153	128824	20.174	ng/ul	92
51) 2,4-Dinitrophenol	14.96	184	23239	26.343	ng/ul#	73
53) 4-Nitrophenol	15.05	109	47062	25.139	ng/ul#	73
54) Dibenzofuran	15.26	168	187951	20.039	ng/ul	99
55) 2,4-Dinitrotoluene	15.21	165	53525	22.788	ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.48	232	54052	22.565	ng/ul#	97
57) Diethylphthalate	15.66	149	170451	20.098	ng/ul	98
59) Fluorene	15.91	166	161531	20.443	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.89	204	102979	21.696	ng/ul	92
61) 4-Nitroaniline	15.91	138	31168	20.591	ng/ul#	70
64) 4,6-Dinitro-2-methylphenol	15.97	198	38157	24.142	ng/ul#	90
65) N-Nitrosodiphenylamine	16.10	169	146300	19.316	ng/ul	95
66) 4-Bromophenyl-phenylether	16.78	248	71032	21.073	ng/ul	95
67) Hexachlorobenzene	16.90	284	75697	21.467	ng/ul	92
68) Atrazine	17.03	200	66586	19.974	ng/ul	97
69) Pentachlorophenol	17.25	266	46853	22.717	ng/ul	95
70) Phenanthrene	17.64	178	286656	20.005	ng/ul	97
72) Anthracene	17.73	178	289546	20.065	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	79588	19.081	ng/uL	96
74) Pentachlorobenzene	15.18	250	84434	21.055	ng/uL	94
75) Carbazole	17.99	167	236737	20.337	ng/ul	97
76) Di-n-butylphthalate	18.54	149	283297	19.107	ng/ul#	97
77) Fluoranthene	19.63	202	381179	21.064	ng/ul#	97
80) Pylene	20.00	202	372688	21.170	ng/ul#	92
81) Butylbenzylphthalate	20.86	149	121393	19.633	ng/ul#	97
82) 3,3'-Dichlorobenzidine	21.76	252	128290	22.112	ng/ul#	95
83) Benzo(a)anthracene	21.86	228	360877	20.408	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.74	149	171934	19.949	ng/ul	97
85) Chrysene	21.93	228	337543	20.058	ng/ul	98
87) Di-n-octyl phthalate	23.01	149	281892	19.561	ng/ul	100
88) Benzo(b)fluoranthene	24.18	252	367536	20.007	ng/ul	97
89) Benzo(k)fluoranthene	24.25	252	362655	20.032	ng/ul	94
91) Benzo(a)pyrene	25.11	252	327683	20.009	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.16	276	395023m	19.830	ng/ul	12/07/2020
93) Dibenzo(a,h)anthracene	29.22	278	332052	20.331	ng/ul#	94
94) Benzo(a,h,i)perylene	30.37	276	327054	19.897	ng/ul#	95

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

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