

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
 Data File : BN009881.D
 Acq On : 25 Feb 2020 01:52
 Operator : CG/JU
 Sample : L1418-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AT6

Manual Integrations
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 2/25/2020 3:40:28 PM

Quant Time: Feb 25 03:40:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 25 02:39:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	127331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	503013	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	332257	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.82	188	644228	20.00	ng/ul	0.04
78) Chrysene-d12	21.02	240	590526m	20.00	ng/ul	0.01
86) Perylene-d12	23.12	264	557027	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	7939	2.56	ng/uL	0.01
5) Phenol-d5	6.59	99	170543	15.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	128123	17.14	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	146581	17.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	84640	9.82	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	70683	19.21	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	75943	18.86	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.78	165	141112	18.23	ng/ul	0.01
29) 4-Chloroaniline-d4	10.32	131	17371	2.00	ng/ul	0.04
44) Dimethylphthalate-d6	13.46	166	436291	17.58	ng/ul	0.01
47) Acenaphthylene-d8	13.73	160	502529	17.19	ng/ul	0.02
52) 4-Nitrophenol-d4	14.28	143	111075	24.51	ng/ul	0.01
58) Fluorene-d10	15.05	176	373430	17.43	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.21	200	71886	17.96	ng/ul	0.02
71) Anthracene-d10	16.92	188	551460	18.67	ng/ul	0.04
79) Pyrene-d10	19.22	212	571434m	18.51	ng/ul	0.02
90) Benzo(a)pyrene-d12	22.99	264	523372	18.81	ng/ul	0.02

Target Compounds

					Ovalue	
24) 2,4-Dimethylphenol	9.35	107	202679	20.722	ng/ul#	34
45) Dimethylphthalate	13.50	163	73076	2.822	ng/ul#	60
48) Acenaphthylene	13.78	152	187317	5.921	ng/ul#	1
56) 2,3,4,6-Tetrachlorophenol	14.69	232	582746	101.077	ng/ul#	85
69) Pentachlorophenol	16.52	266	14657926	3555.866	ng/ul	91
70) Phenanthrene	16.85	178	70224	1.910	ng/ul#	1
72) Anthracene	16.95	178	115066	3.061	ng/ul#	23
77) Fluoranthene	18.88	202	321332	7.461	ng/ul#	90
80) Pyrene	19.25	202	3180794	74.712	ng/ul	96
83) Benzo(a)anthracene	21.00	228	96479m	2.377	ng/ul	
84) Bis(2-ethylhexyl)phthalate	20.96	149	38465m	1.440	ng/ul	
85) Chrysene	21.03	228	272478m	6.820	ng/ul	
88) Benzo(b)fluoranthene	22.50	252	113558	3.144	ng/ul#	62
91) Benzo(a)pyrene	23.03	252	35577	1.095	ng/ul#	30

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

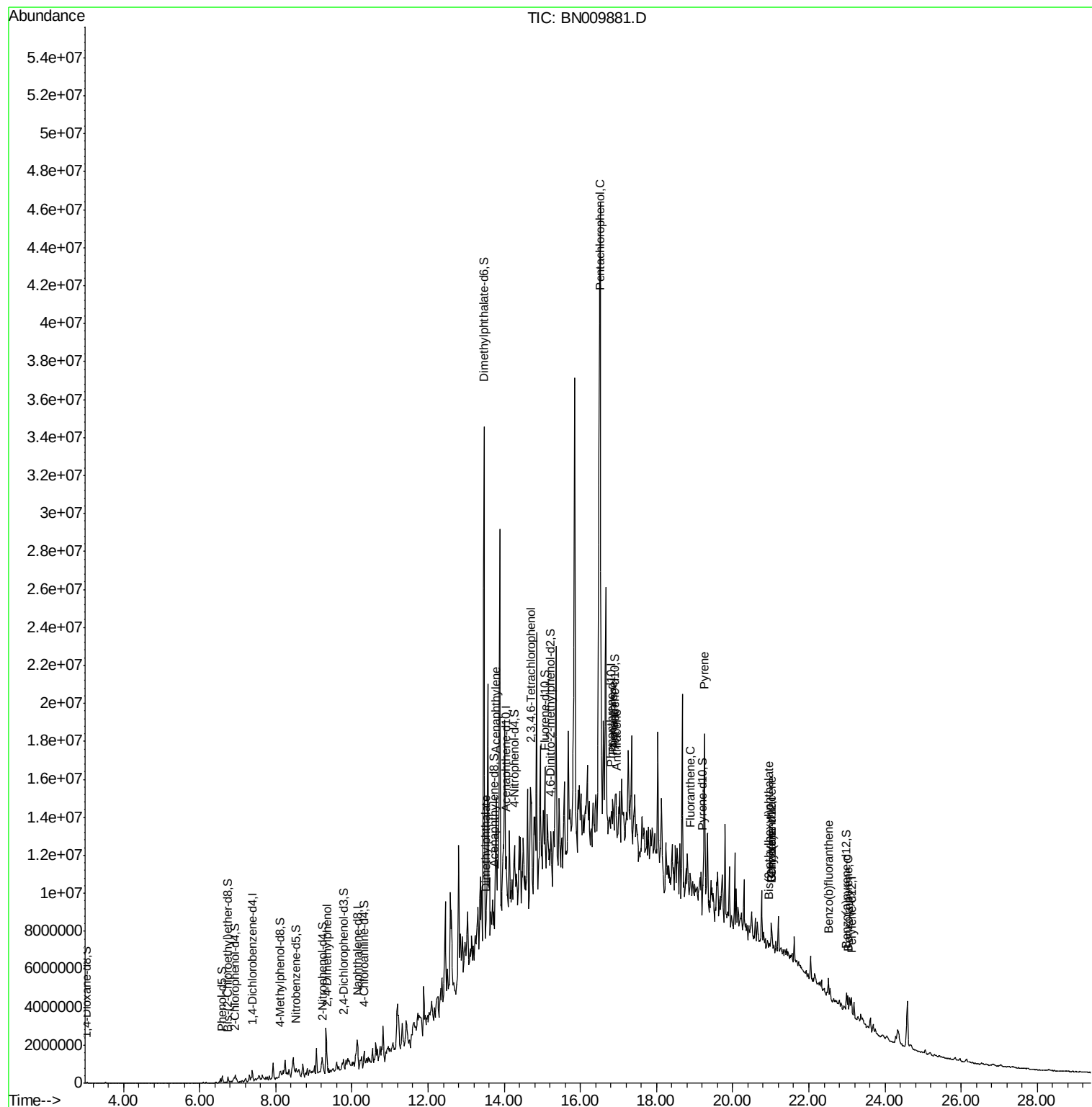
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009881.D
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Sample : L1418-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

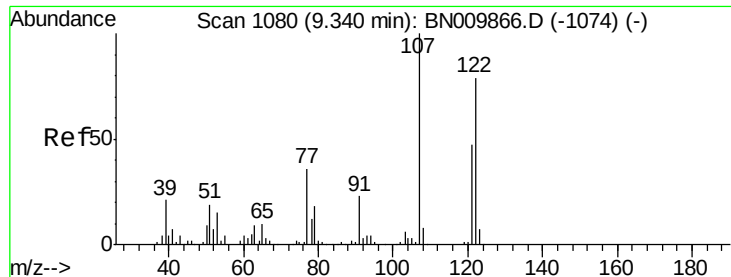
Instrument :
BNA_N
ClientSampleId :
C5AT6

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Quant Time: Feb 25 03:40:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 02:39:29 2020
Response via : Initial Calibration





#24

2,4-Dimethylphenol

Concen: 20.722 ng/ul

RT: 9.35 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BN009881.D

Acq: 25 Feb 2020 01:52

Instrument :

BNA_N

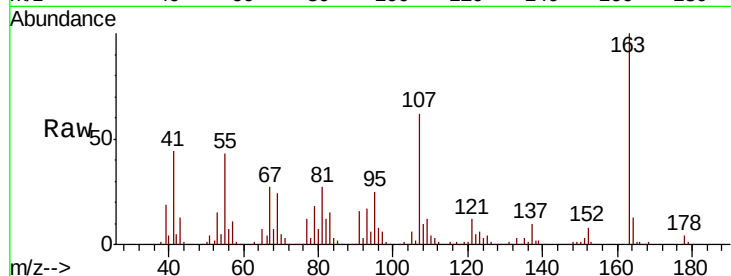
ClientSampleId :

C5AT6

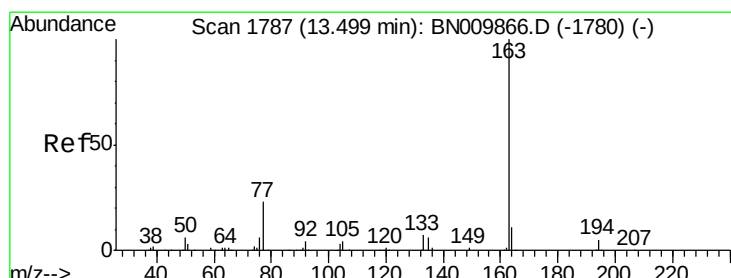
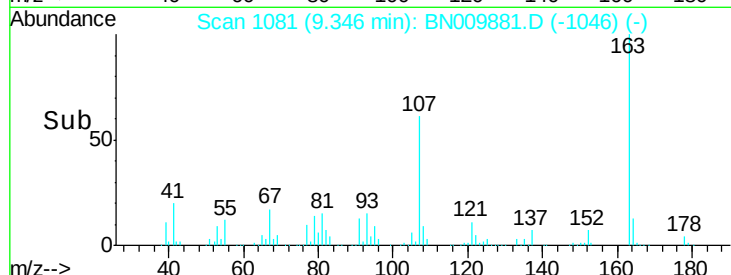
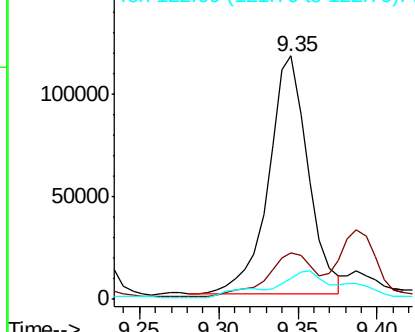
Tot Ion:	107	Resp:	202679
Ion Ratio	Lower	Upper	
107	100		
121	19.3	38.5	57.7#
122	8.6	62.9	94.3#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E



#45

Dimethylphthalate

Concen: 2.822 ng/ul

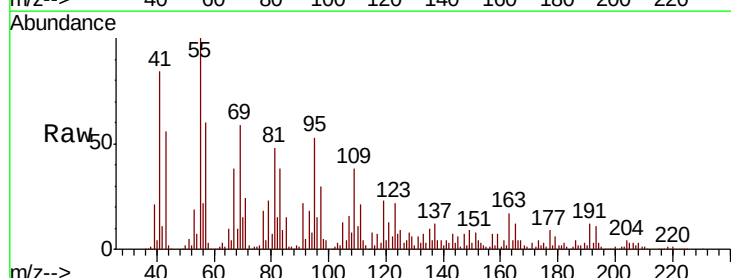
RT: 13.50 min Scan# 1788

Delta R.T. 0.01 min

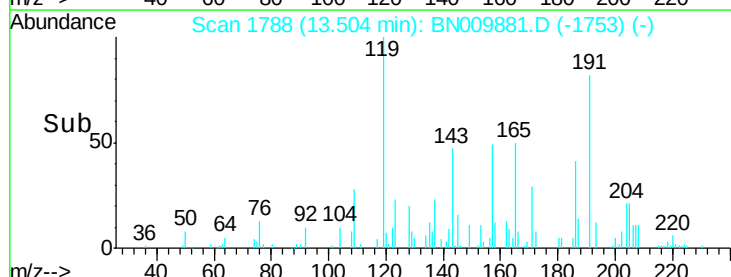
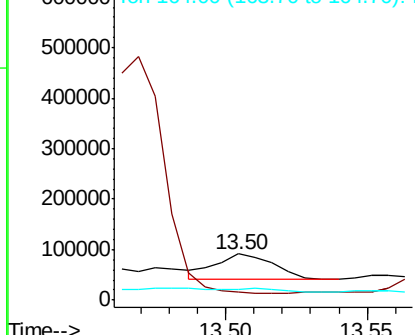
Lab File: BN009881.D

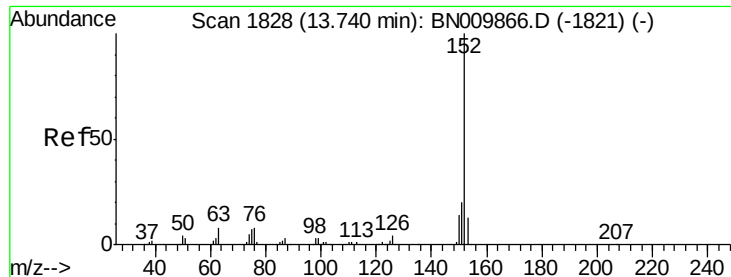
Acq: 25 Feb 2020 01:52

Tgt Ion:	163	Resp:	73076
Ion Ratio	Lower	Upper	
163	100		
194	17.5	3.4	5.0#
164	24.5	8.0	12.0#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 5.921 ng/ul

RT: 13.78 min Scan# 1835

Delta R.T. 0.04 min

Lab File: BN009881.D

Acq: 25 Feb 2020 01:52

Instrument :

BNA_N

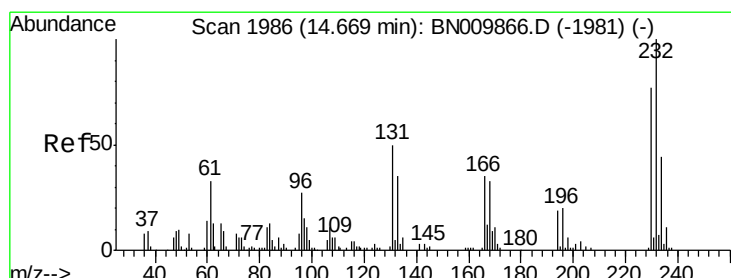
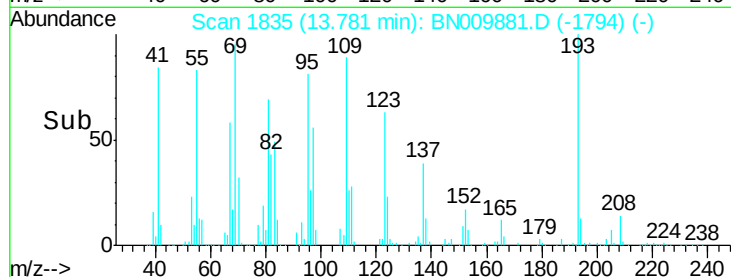
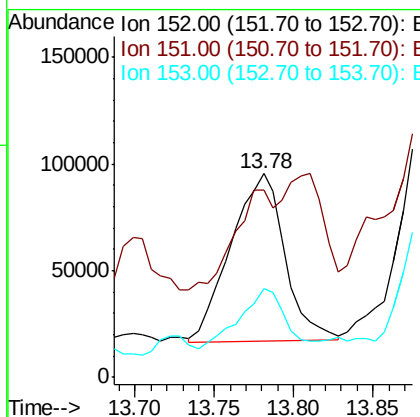
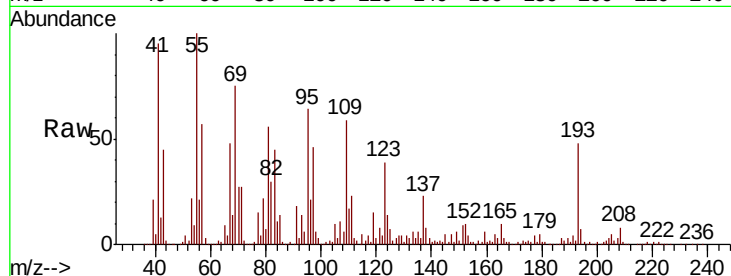
ClientSampled :

C5AT6

Tot Ion:	152	Resp:	187317
Ion Ratio	Lower	Upper	
152	100		
151	92.2	15.7	23.5#
153	43.9	10.3	15.5#

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#56

2,3,4,6-Tetrachlorophenol

Concen: 101.077 ng/ul

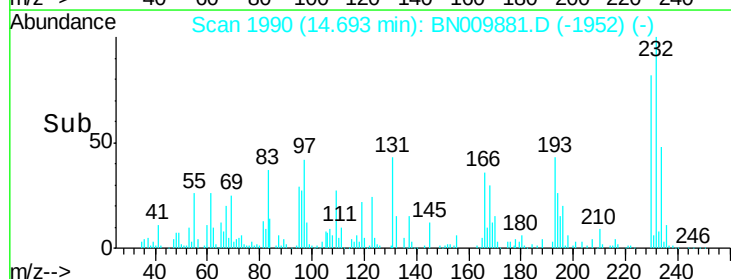
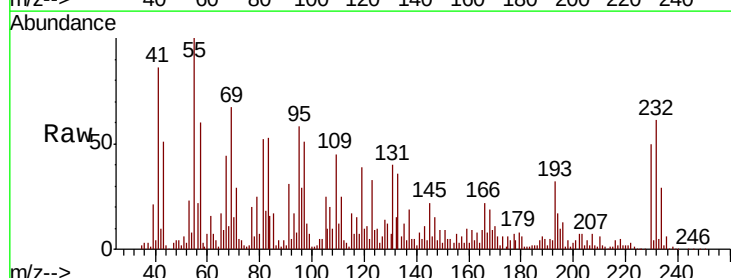
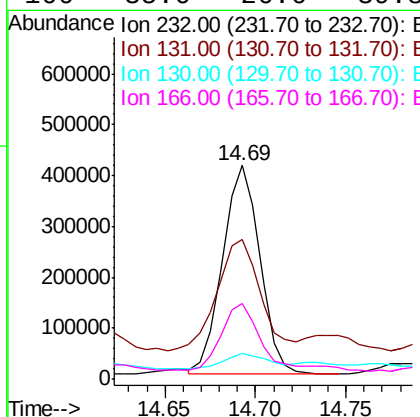
RT: 14.69 min Scan# 1990

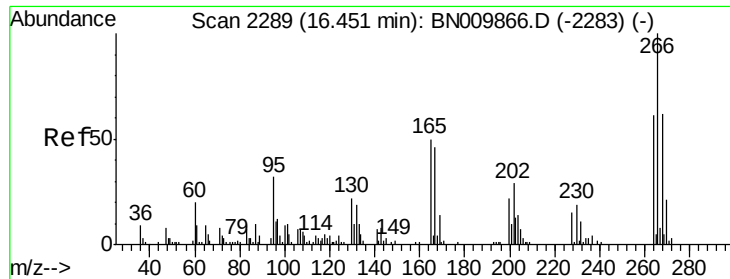
Delta R.T. 0.02 min

Lab File: BN009881.D

Acq: 25 Feb 2020 01:52

Tgt Ion:	232	Resp:	582746
Ion Ratio	Lower	Upper	
232	100		
131	65.2	40.6	60.8#
130	11.9	2.2	3.4#
166	35.6	26.6	39.8





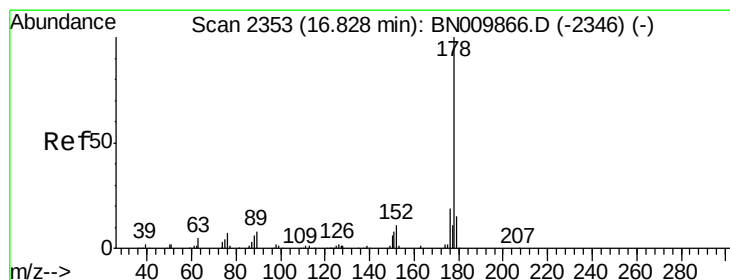
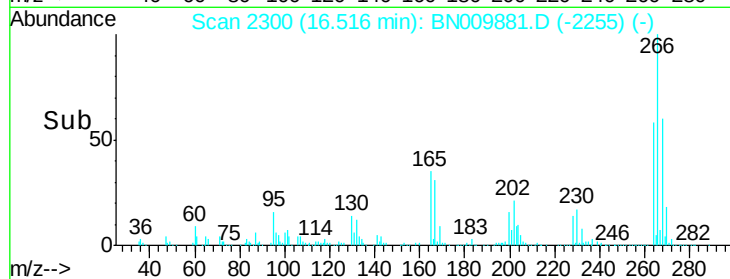
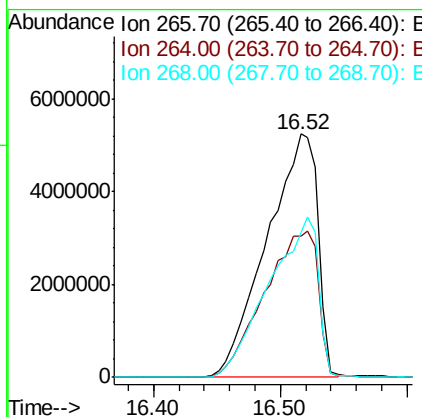
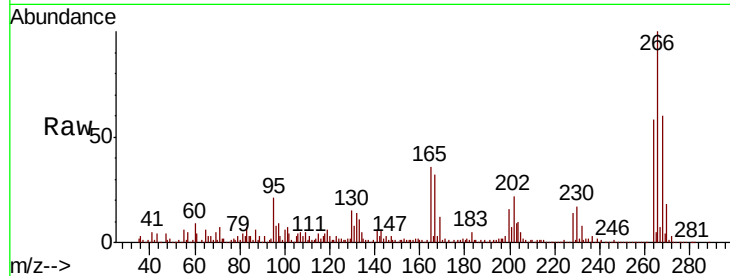
#69
 Pentachlorophenol
 Concen: 3555.866 ng/ul
 RT: 16.52 min Scan# 2300
 Delta R.T. 0.06 min
 Lab File: BN009881.D
 Acq: 25 Feb 2020 01:52

Instrument :
 BNA_N
 ClientSampled :
 C5AT6

Tot Ion	Ratio	Lower	Upper
266	100		
264	58.1	52.9	79.3
268	59.6	52.5	78.7

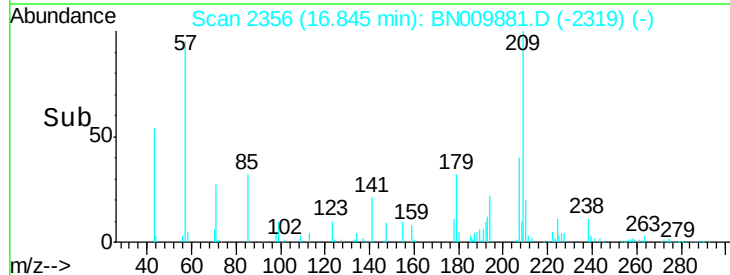
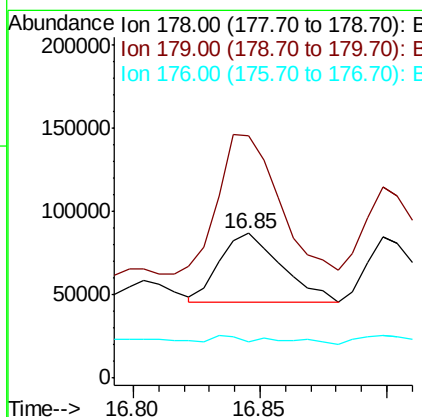
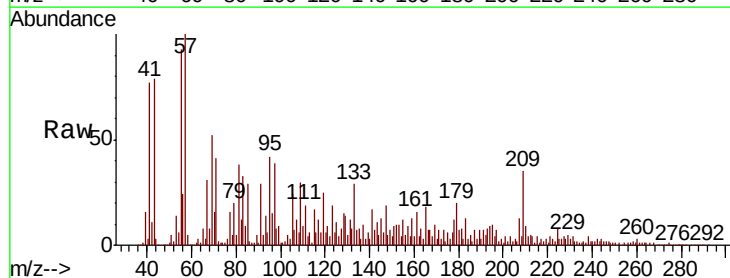
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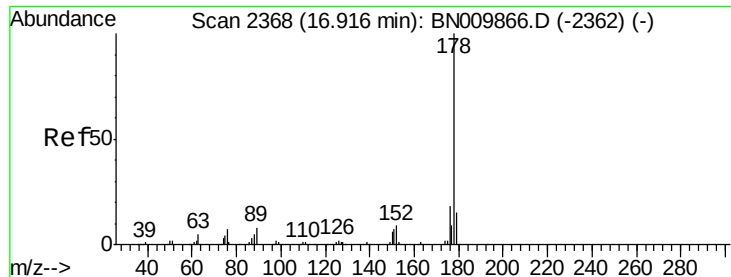
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#70
 Phenanthrene
 Concen: 1.910 ng/ul
 RT: 16.85 min Scan# 2356
 Delta R.T. 0.02 min
 Lab File: BN009881.D
 Acq: 25 Feb 2020 01:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	167.6	12.5	18.7#
176	25.3	14.6	22.0#





#72

Anthracene

Concen: 3.061 ng/ul

RT: 16.95 min Scan# 2374

Delta R.T. 0.04 min

Lab File: BN009881.D

Acq: 25 Feb 2020 01:52

Instrument :

BNA_N

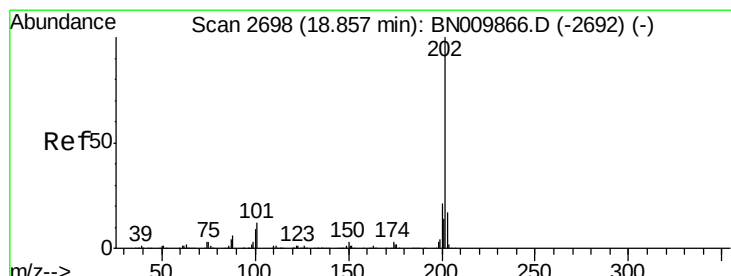
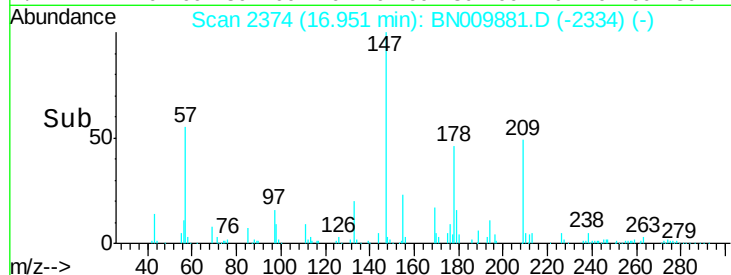
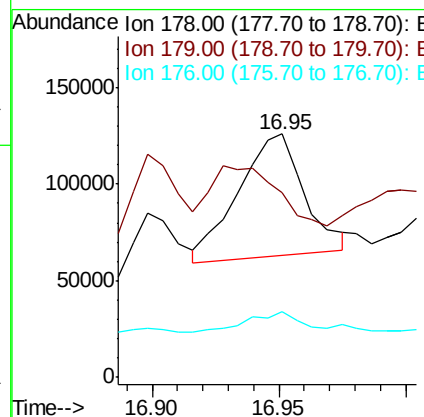
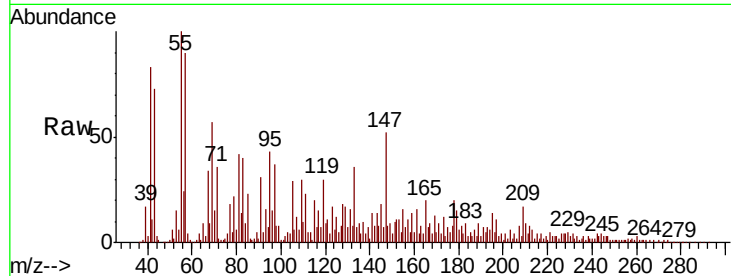
ClientSampleId :

C5AT6

Tot Ion:	178	Resp:	115066
Ion Ratio	Lower	Upper	
178	100		
179	75.8	12.2	18.2#
176	27.0	14.6	21.8#

Manual Integrations
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#77

Fluoranthene

Concen: 7.461 ng/ul

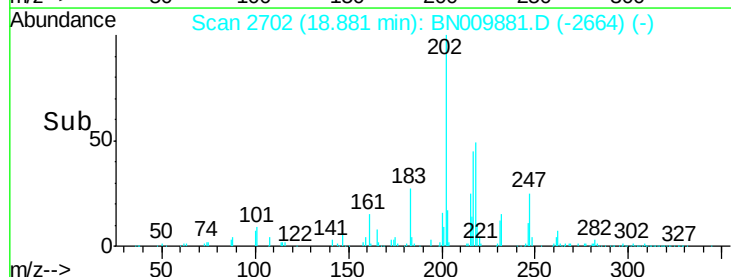
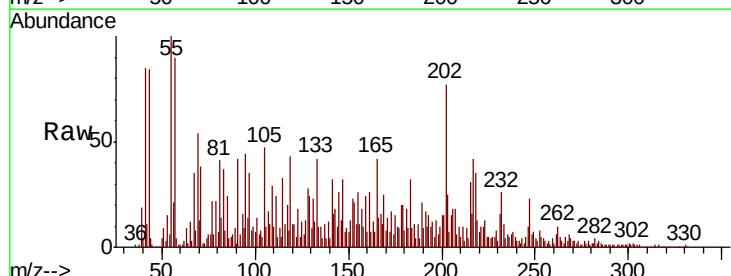
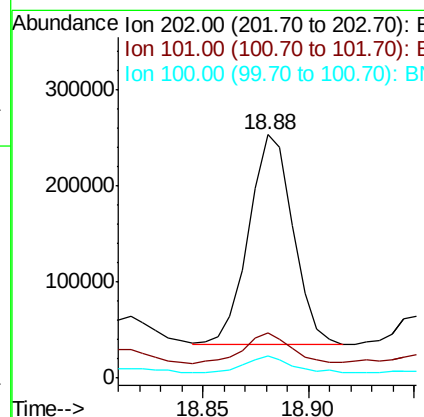
RT: 18.88 min Scan# 2702

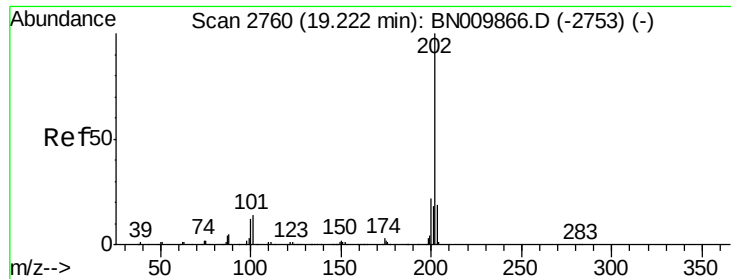
Delta R.T. 0.02 min

Lab File: BN009881.D

Acq: 25 Feb 2020 01:52

Tgt Ion:	202	Resp:	321332
Ion Ratio	Lower	Upper	
202	100		
101	18.7	9.4	14.2#
100	9.0	7.2	10.8





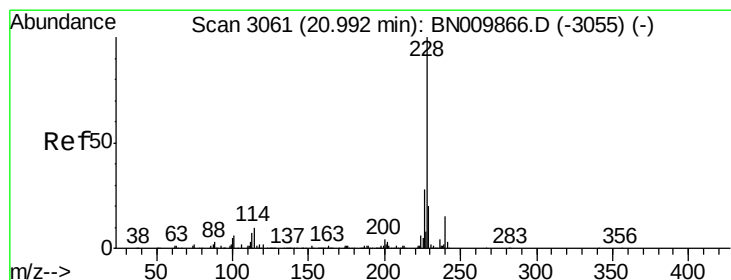
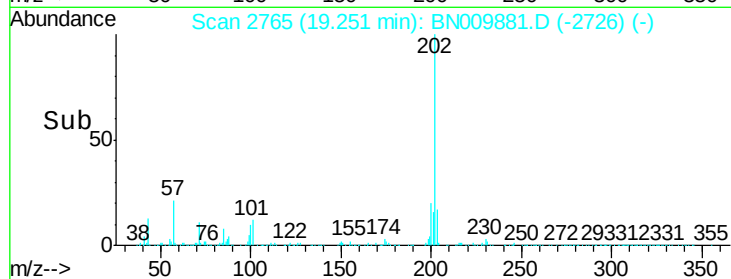
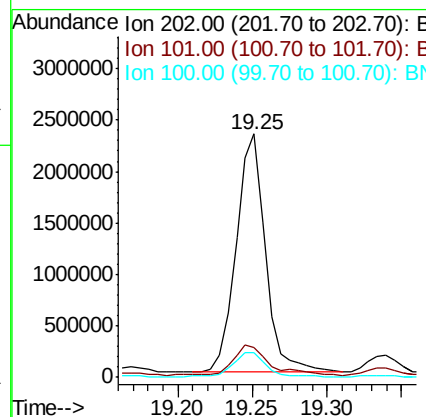
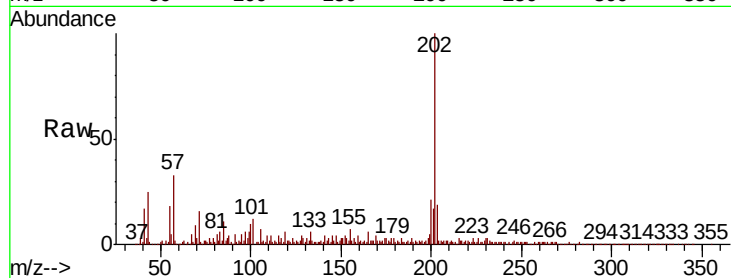
#80
 Pvrene
 Concen: 74.712 ng/ul
 RT: 19.25 min Scan# 2765
 Delta R.T. 0.03 min
 Lab File: BN009881.D
 Acq: 25 Feb 2020 01:52

Instrument :
 BNA_N
 ClientSampleId :
 C5AT6

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	11.3	16.9
100	10.2	9.0	13.6

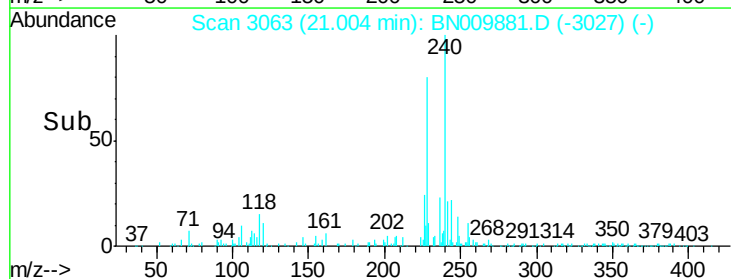
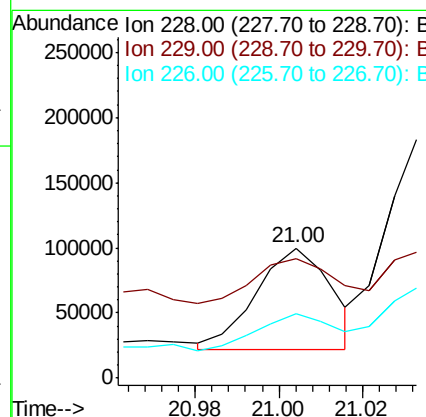
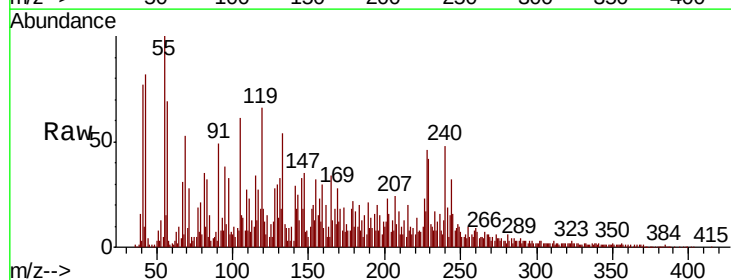
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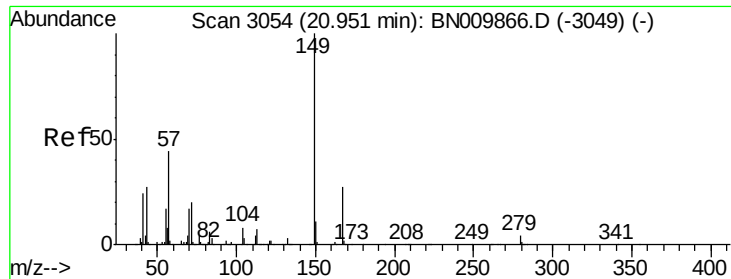
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#83
 Benzo(a)anthracene
 Concen: 2.377 ng/ul m
 RT: 21.00 min Scan# 3063
 Delta R.T. 0.01 min
 Lab File: BN009881.D
 Acq: 25 Feb 2020 01:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	91.6	15.0	22.4#
226	49.6	21.4	32.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.440 ng/ul m

RT: 20.96 min Scan# 3055

Delta R.T. 0.01 min

Lab File: BN009881.D

Acq: 25 Feb 2020 01:52

Instrument :

BNA_N

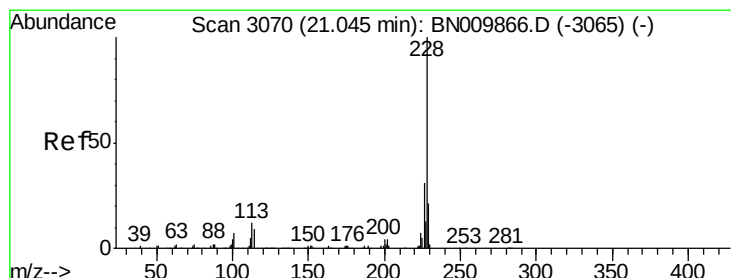
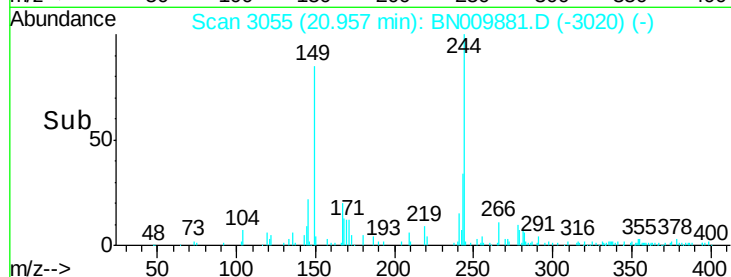
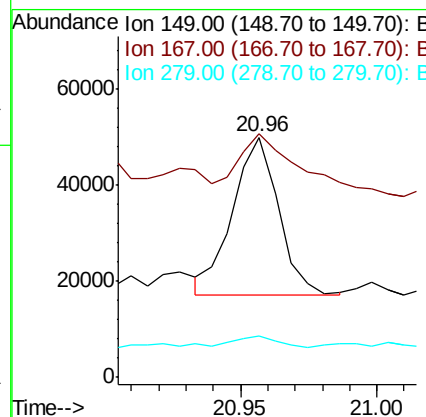
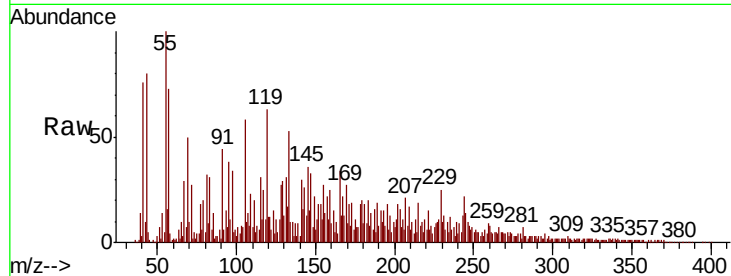
ClientSampleId :

C5AT6

Tot Ion:	149	Resp:	38465
Ion Ratio	Lower	Upper	
149	100		
167	101.5	21.0	31.6#
279	17.1	3.0	4.6#

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#85

Chrysene

Concen: 6.820 ng/ul m

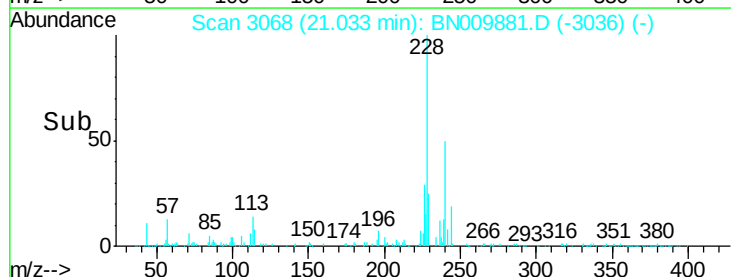
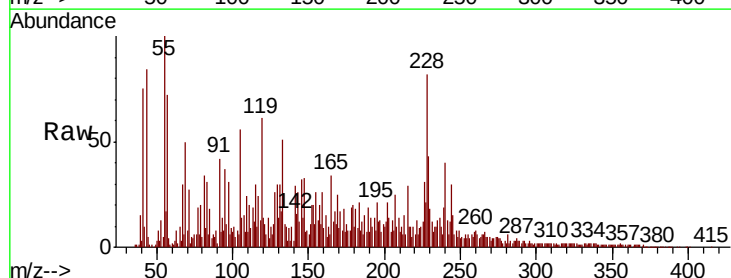
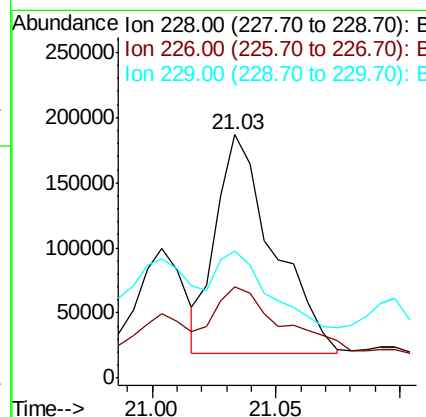
RT: 21.03 min Scan# 3068

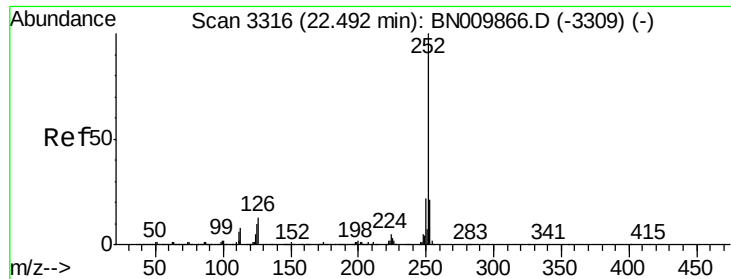
Delta R.T. -0.01 min

Lab File: BN009881.D

Acq: 25 Feb 2020 01:52

Tgt Ion:	228	Resp:	272478
Ion Ratio	Lower	Upper	
228	100		
226	37.4	23.4	35.2#
229	52.0	15.0	22.4#





#88

Benzo(b)fluoranthene

Concen: 3.144 ng/ul

RT: 22.50 min Scan# 3318

Delta R.T. 0.01 min

Lab File: BN009881.D

Acq: 25 Feb 2020 01:52

Instrument :

BNA_N

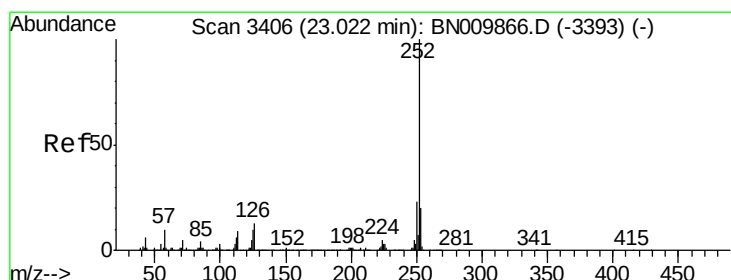
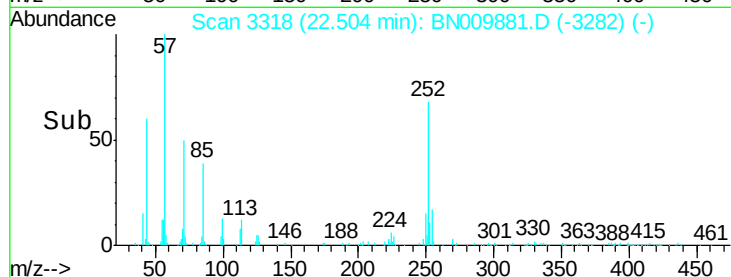
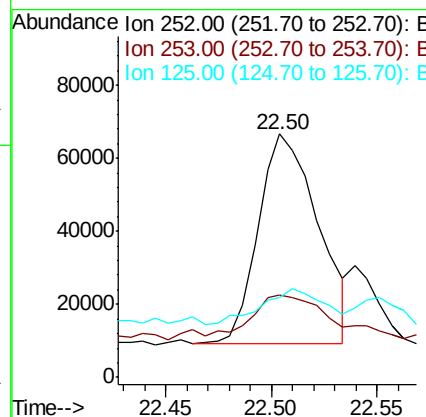
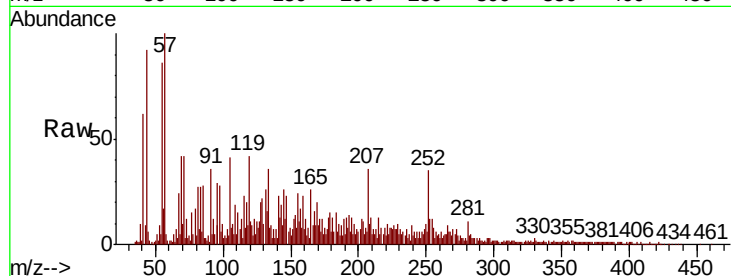
ClientSampleId :

C5AT6

Tot Ion:	252	Resp:	113558
Ion Ratio	Lower	Upper	
252	100		
253	33.8	17.0	25.4#
125	32.9	8.0	12.0#

Manual Integrations
APPROVED

mohammad
2/25/2020 3:40:28 PM



#91

Benzo(a)pyrene

Concen: 1.095 ng/ul

RT: 23.03 min Scan# 3407

Delta R.T. 0.01 min

Lab File: BN009881.D

Acq: 25 Feb 2020 01:52

Tgt Ion:	252	Resp:	35577
Ion Ratio	Lower	Upper	
252	100		
253	40.3	17.4	26.0#
125	60.6	9.0	13.6#

