

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
 Data File : BN009882.D
 Acq On : 25 Feb 2020 02:28
 Operator : CG/JU
 Sample : L1418-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AT7

Manual Integrations
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Quant Time: Feb 25 04:10:24 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	129769	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	506575	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.06	164	347135	20.00	ng/ul	0.04
62) Phenanthrene-d10	16.83	188	685031	20.00	ng/ul	0.04
78) Chrysene-d12	21.03	240	625037m	20.00	ng/ul	0.02
86) Perylene-d12	23.13	264	594954	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	6617	2.10	ng/uL	0.01
5) Phenol-d5	6.59	99	143915	13.04	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	109312	14.35	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	116107	13.97	ng/ul	0.01
13) 4-Methylphenol-d8	8.10	113	96238	10.96	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	53996	14.57	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	63055	15.55	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.78	165	120840	15.50	ng/ul	0.01
29) 4-Chloroaniline-d4	10.31	131	18595	2.12	ng/ul	0.03
44) Dimethylphthalate-d6	13.46	166	372040	14.35	ng/ul	0.01
47) Acenaphthylene-d8	13.73	160	403245	13.20	ng/ul	0.02
52) 4-Nitrophenol-d4	14.29	143	109805m	23.19	ng/ul	0.02
58) Fluorene-d10	15.06	176	363167	16.22	ng/ul	0.04
63) 4,6-Dinitro-2-methylphenol	15.22	200	73808	17.34	ng/ul	0.03
71) Anthracene-d10	16.92	188	557417	17.75	ng/ul	0.04
79) Pyrene-d10	19.23	212	587109m	17.97	ng/ul	0.04
90) Benzo(a)pyrene-d12	23.00	264	583184	19.63	ng/ul	0.02
Target Compounds				Ovalue		
24) 2,4-Dimethylphenol	9.35	107	352998	35.837	ng/ul#	33
45) Dimethylphthalate	13.51	163	104472	3.861	ng/ul#	40
48) Acenaphthylene	13.79	152	252562	7.641	ng/ul#	1
54) Dibenzofuran	14.46	168	86240	2.712	ng/ul#	1
56) 2,3,4,6-Tetrachlorophenol	14.70	232	241910	40.161	ng/ul#	41
69) Pentachlorophenol	16.52	266	7516535	1714.826	ng/ul	99
70) Phenanthrene	16.86	178	200969	5.141	ng/ul#	1
72) Anthracene	16.96	178	140308	3.511	ng/ul#	23
75) Carbazole	17.23	167	460284	13.078	ng/ul#	51
77) Fluoranthene	18.89	202	235405	5.141	ng/ul#	83
80) Pyrene	19.26	202	3519220	78.097	ng/ul	99
83) Benzo(a)anthracene	21.01	228	67616m	1.574	ng/ul	
84) Bis(2-ethylhexyl)phthalate	20.96	149	45295m	1.602	ng/ul	
85) Chrysene	21.04	228	305769m	7.231	ng/ul	
88) Benzo(b)fluoranthene	22.52	252	140036m	3.630	ng/ul	
91) Benzo(a)pyrene	23.04	252	76597	2.208	ng/ul#	43

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

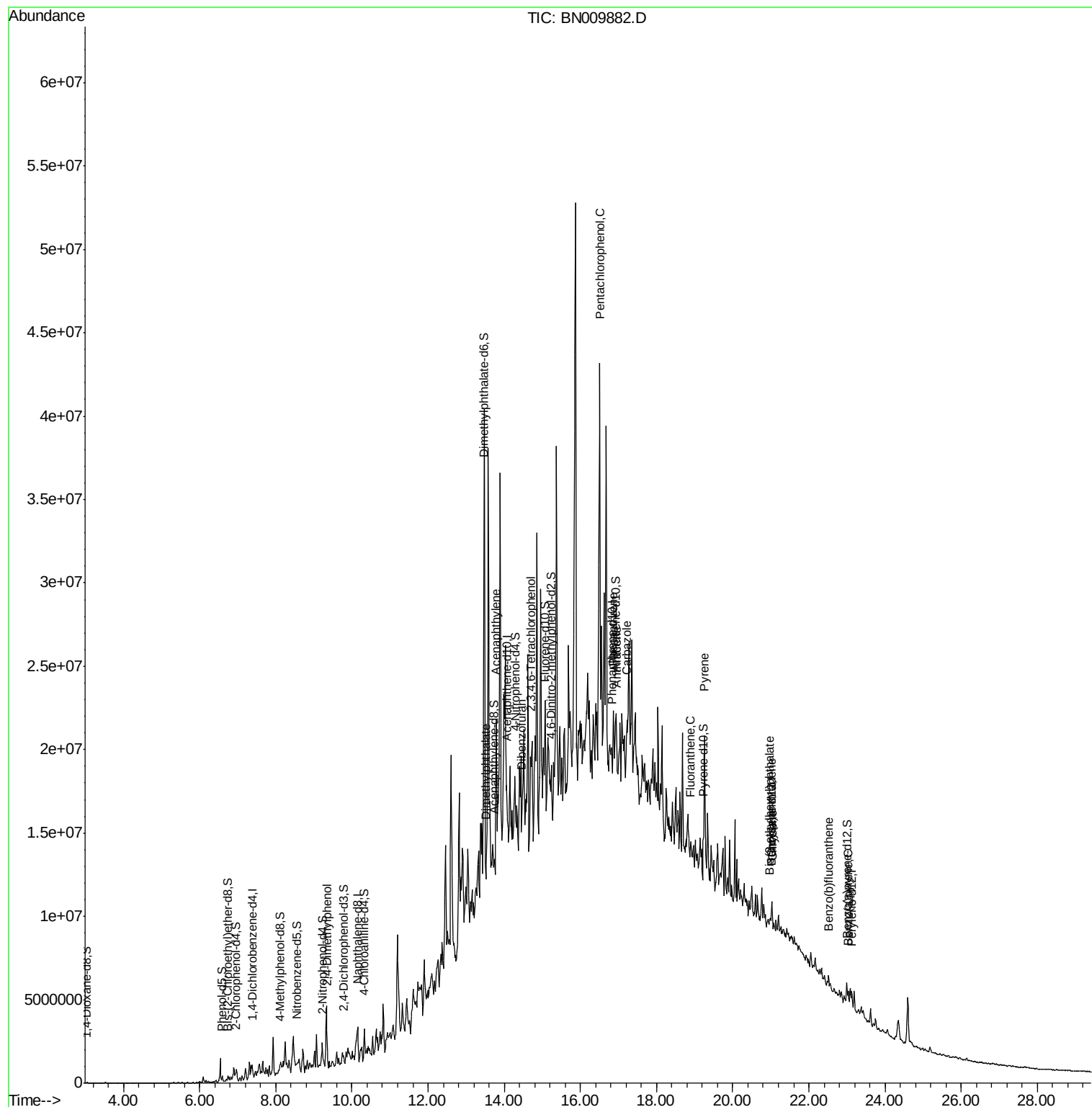
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

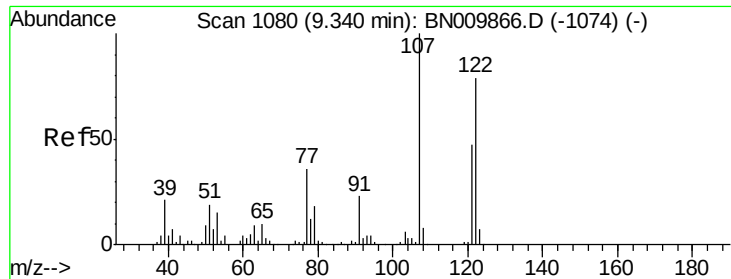
Instrument :
BNA_N
ClientSampleId :
C5AT7

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Quant Time: Feb 25 04:10:24 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





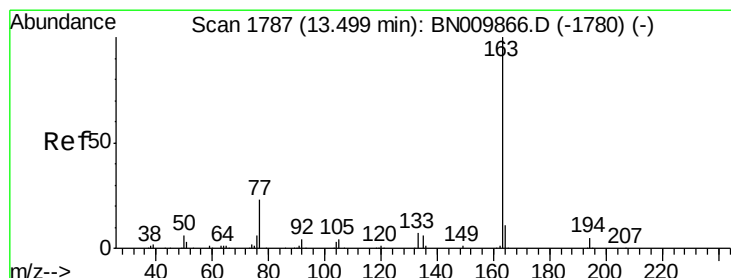
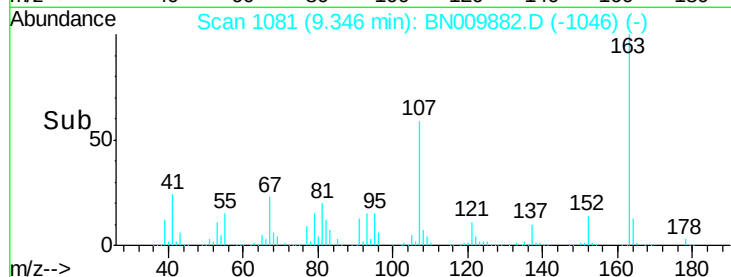
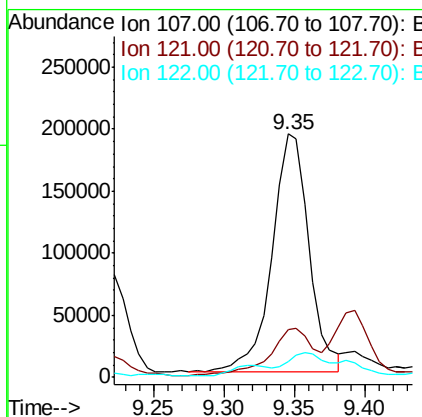
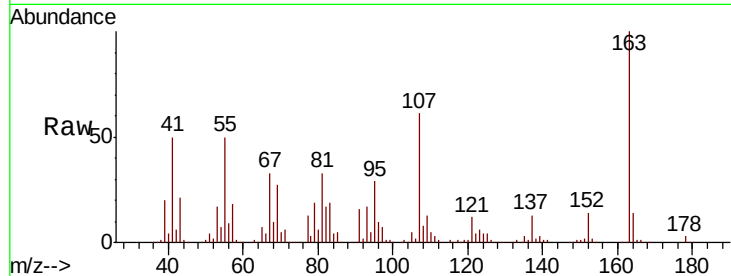
#24
2,4-Dimethylphenol
Concen: 35.837 ng/ul
RT: 9.35 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BN009882.D
Acq: 25 Feb 2020 02:28

Instrument :
BNA_N
ClientSampleId :
C5AT7

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
121	19.5	38.5	57.7#	
122	6.7	62.9	94.3#	

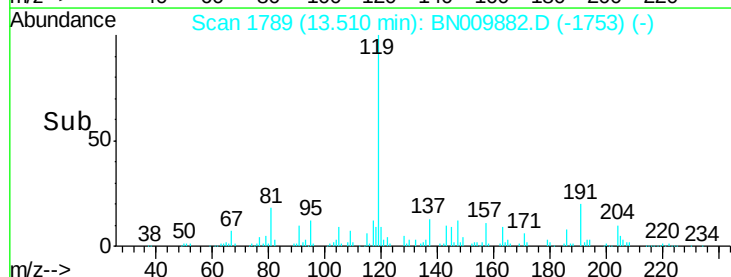
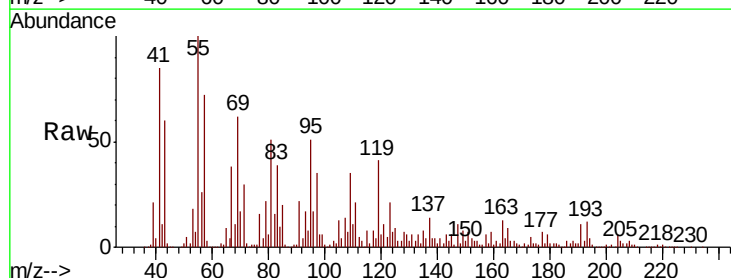
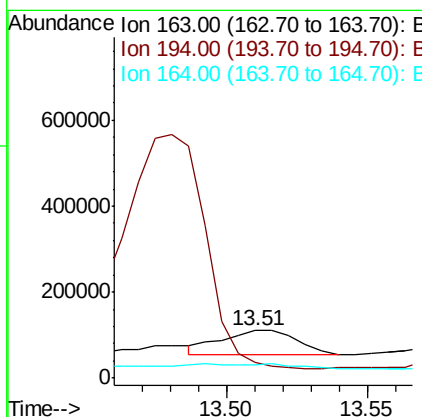
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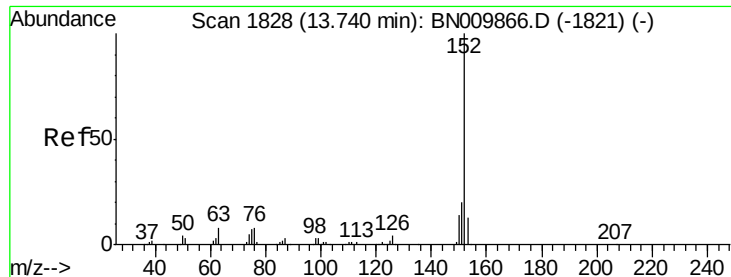
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#45
Dimethylphthalate
Concen: 3.861 ng/ul
RT: 13.51 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BN009882.D
Acq: 25 Feb 2020 02:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	33.6	3.4	5.0#	
164	27.5	8.0	12.0#	





#48

Acenaphthylene

Concen: 7.641 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. 0.05 min

Lab File: BN009882.D

Acq: 25 Feb 2020 02:28

Instrument :

BNA_N

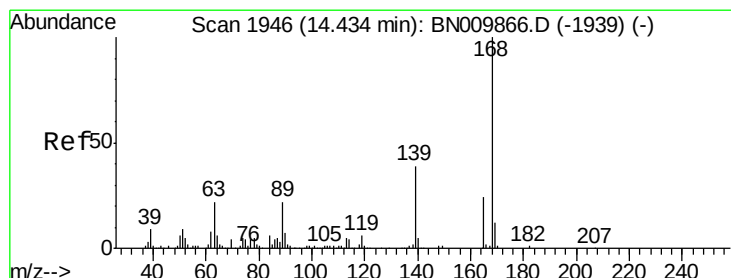
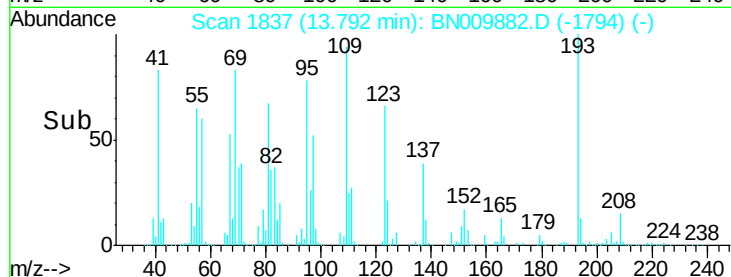
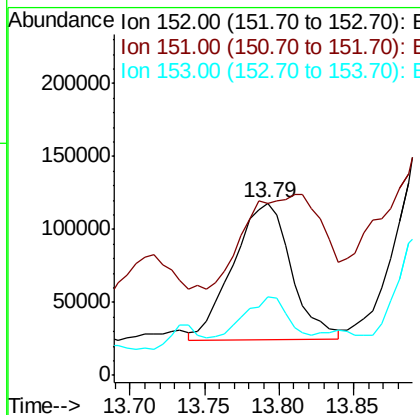
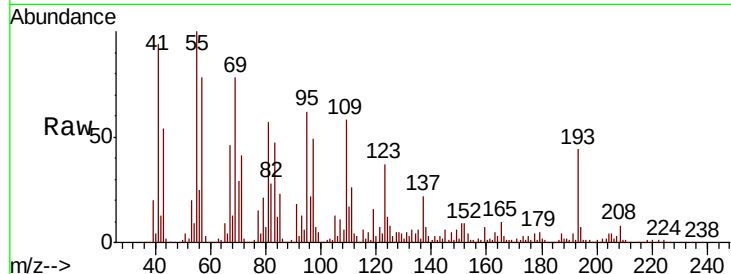
ClientSampled :

C5AT7

Tot Ion:	152	Resp:	252562
Ion Ratio	Lower	Upper	
152	100		
151	99.6	15.7	23.5#
153	45.7	10.3	15.5#

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#54

Dibenzofuran

Concen: 2.712 ng/ul

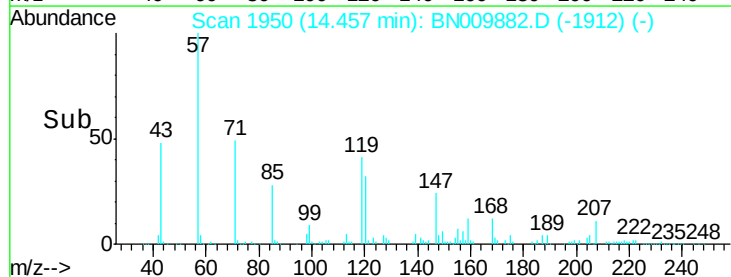
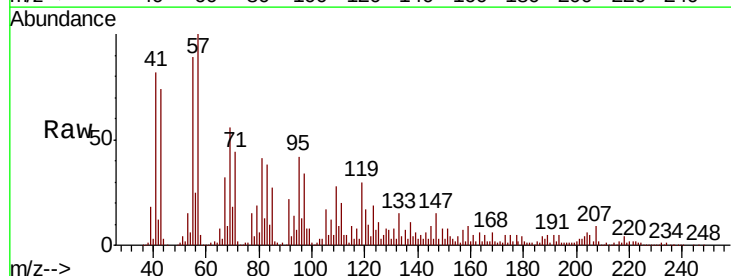
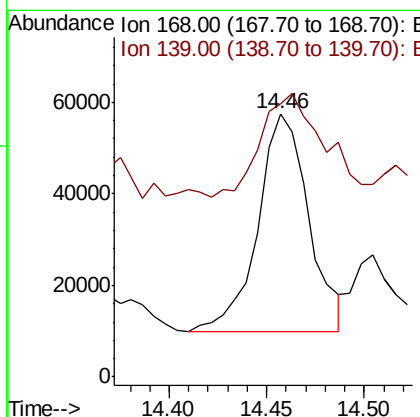
RT: 14.46 min Scan# 1950

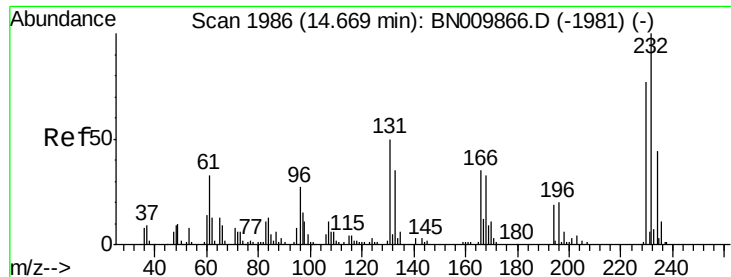
Delta R.T. 0.02 min

Lab File: BN009882.D

Acq: 25 Feb 2020 02:28

Tgt Ion:	168	Resp:	86240
Ion Ratio	Lower	Upper	
168	100		
139	103.8	32.7	49.1#





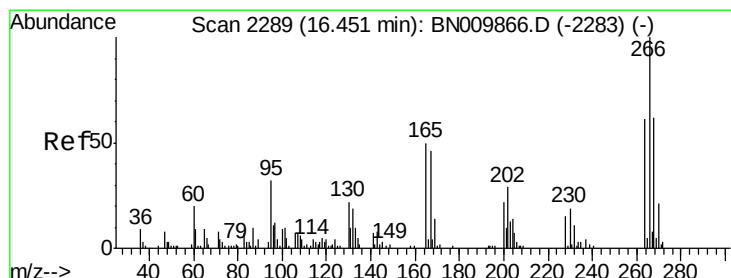
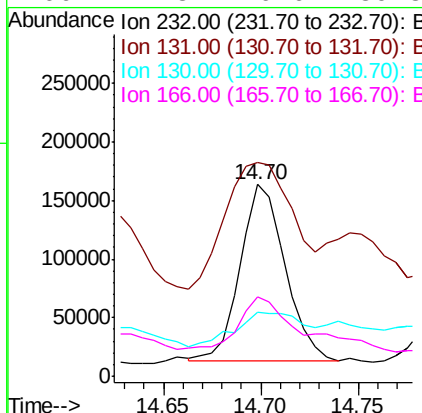
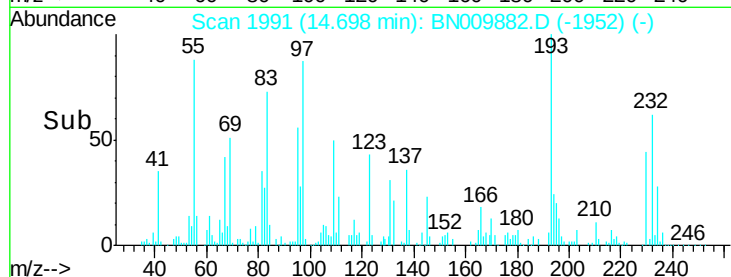
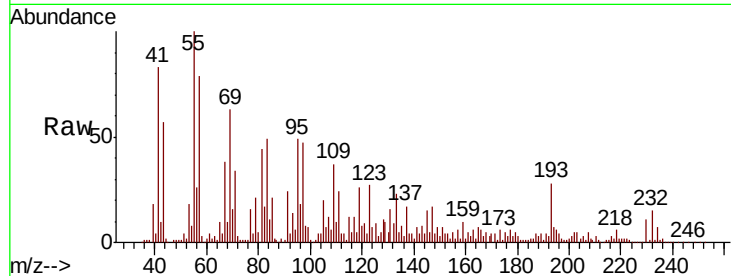
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 40.161 ng/ul
 RT: 14.70 min Scan# 1991
 Delta R.T. 0.03 min
 Lab File: BN009882.D
 Acq: 25 Feb 2020 02:28

Instrument :
 BNA_N
 ClientSampleId :
 C5AT7

Tot Ion	Ratio	Lower	Upper
232	100		
131	111.2	40.6	60.8#
130	33.2	2.2	3.4#
166	41.3	26.6	39.8#

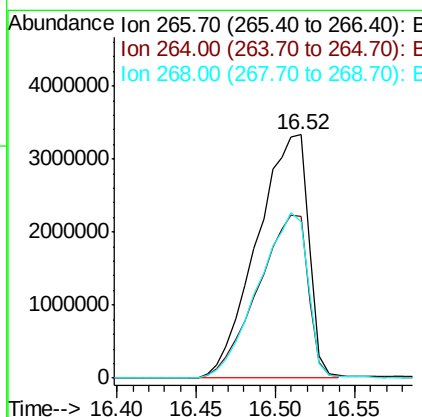
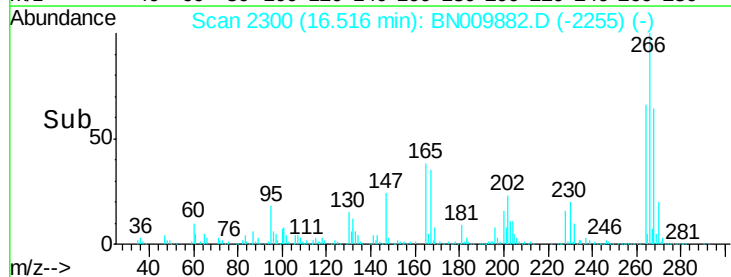
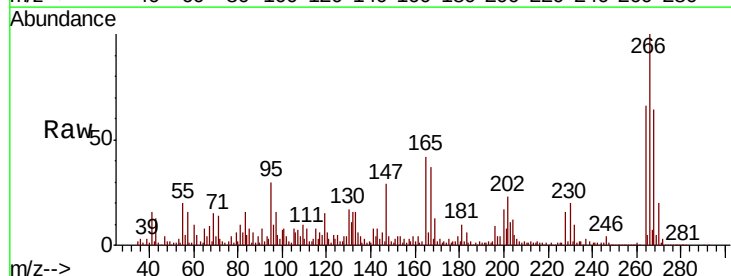
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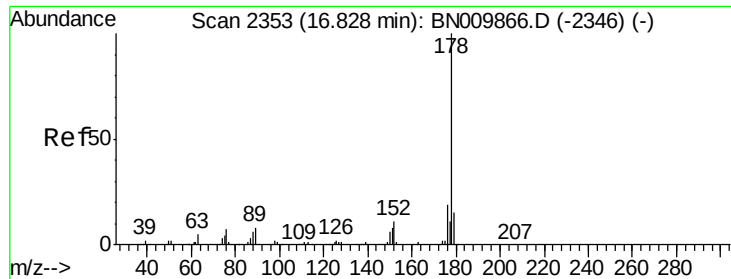
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#69
 Pentachlorophenol
 Concen: 1714.826 ng/ul
 RT: 16.52 min Scan# 2300
 Delta R.T. 0.06 min
 Lab File: BN009882.D
 Acq: 25 Feb 2020 02:28

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.3	52.9	79.3
268	64.3	52.5	78.7





#70

Phenanthrene

Concen: 5.141 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. 0.04 min

Lab File: BN009882.D

Acq: 25 Feb 2020 02:28

Instrument :

BNA_N

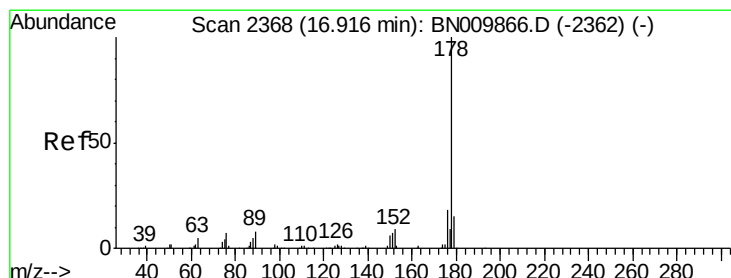
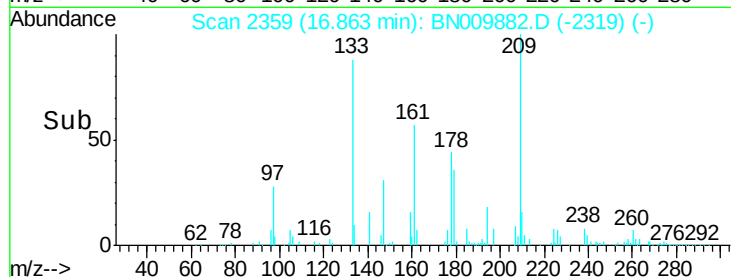
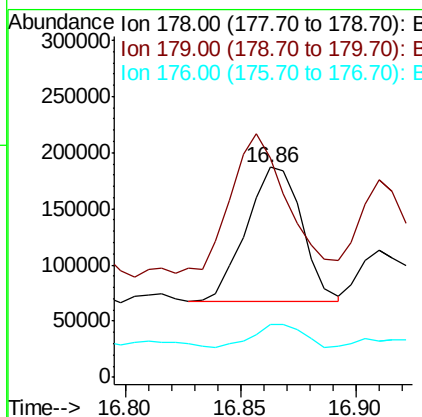
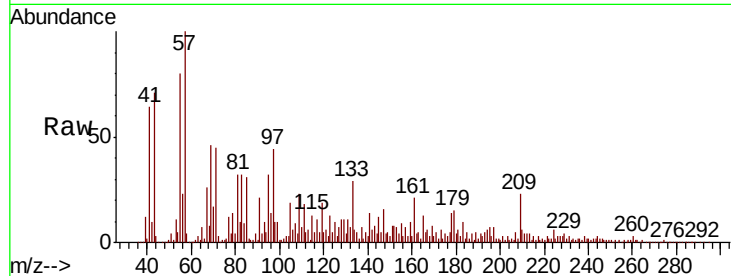
ClientSampled :

C5AT7

Tot Ion:178	Resp:	200969
Ion Ratio	Lower	Upper
178	100	
179	104.7	12.5 18.7#
176	25.0	14.6 22.0#

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#72

Anthracene

Concen: 3.511 ng/ul

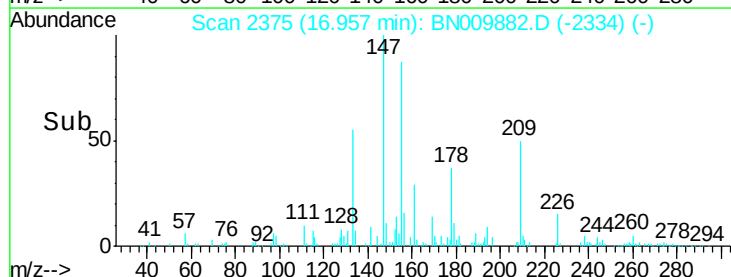
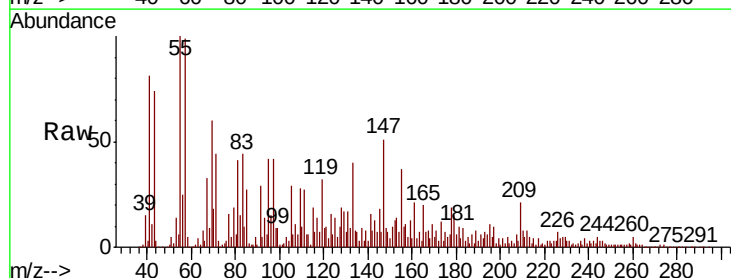
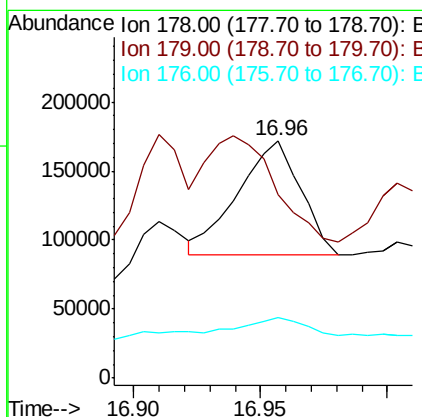
RT: 16.96 min Scan# 2375

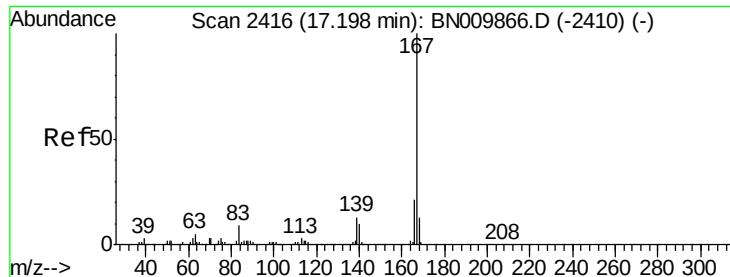
Delta R.T. 0.04 min

Lab File: BN009882.D

Acq: 25 Feb 2020 02:28

Tgt Ion:178	Resp:	140308
Ion Ratio	Lower	Upper
178	100	
179	77.5	12.2 18.2#
176	25.4	14.6 21.8#





#75

Carbazole

Concen: 13.078 ng/ul

RT: 17.23 min Scan# 2421

Delta R.T. 0.03 min

Lab File: BN009882.D

Acq: 25 Feb 2020 02:28

Instrument :

BNA_N

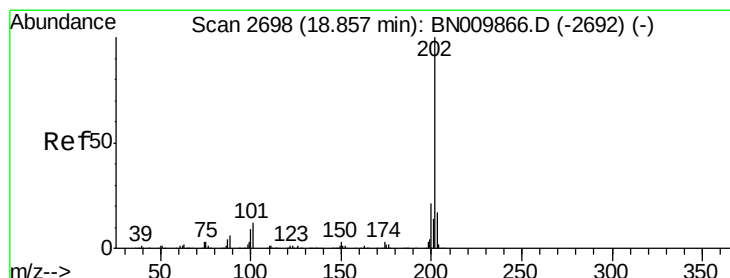
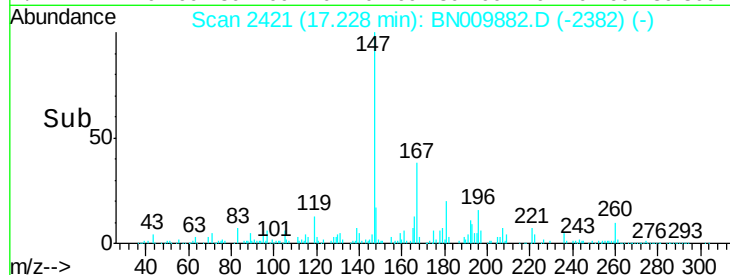
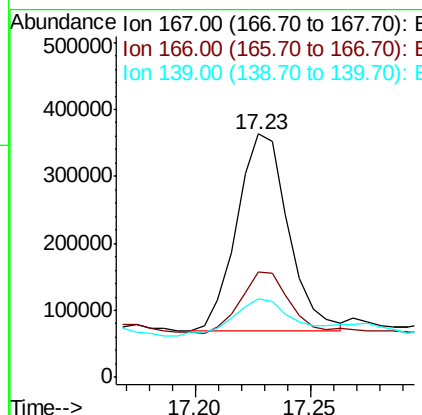
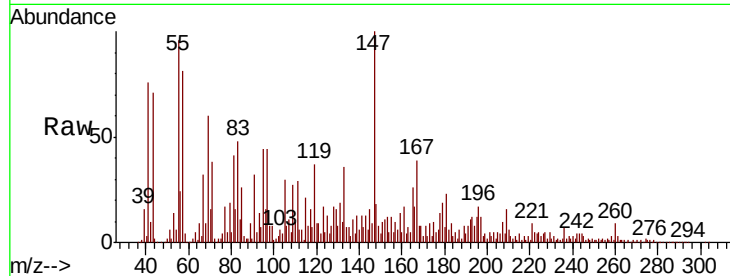
ClientSampled :

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Tot Ion:	167	Resp:	460284
Ion Ratio	Lower	Upper	
167	100		
166	43.1	16.6	24.8#
139	32.4	9.9	14.9#

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#77

Fluoranthene

Concen: 5.141 ng/ul

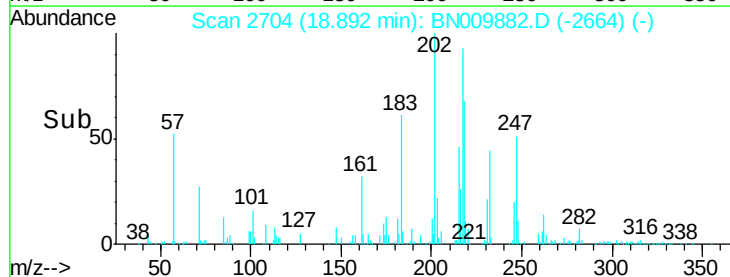
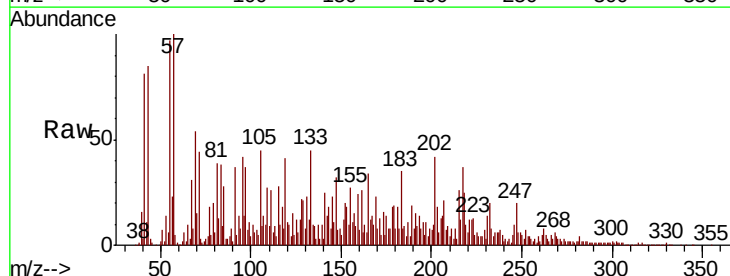
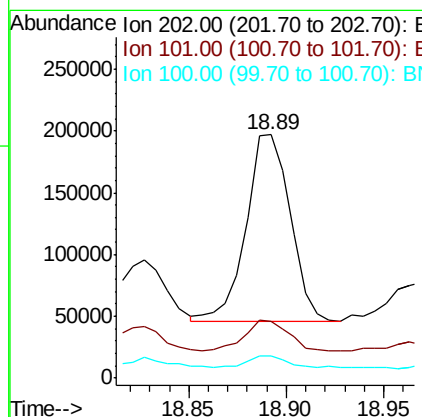
RT: 18.89 min Scan# 2704

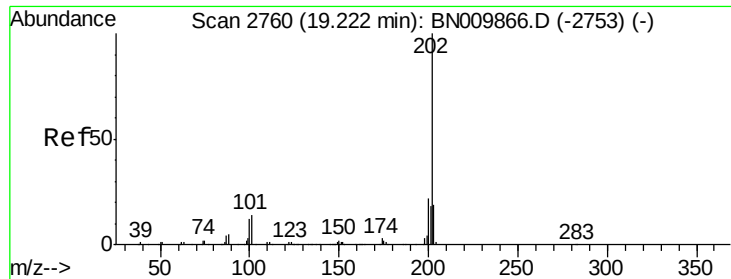
Delta R.T. 0.04 min

Lab File: BN009882.D

Acq: 25 Feb 2020 02:28

Tgt Ion:	202	Resp:	235405
Ion Ratio	Lower	Upper	
202	100		
101	23.2	9.4	14.2#
100	9.1	7.2	10.8





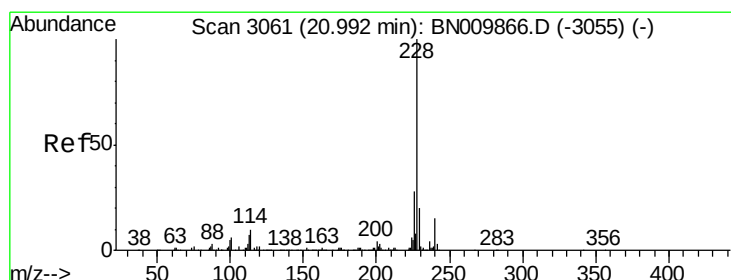
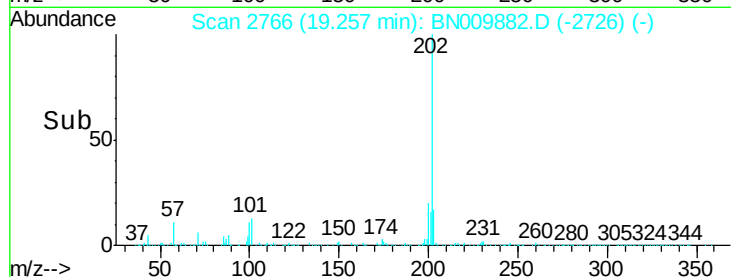
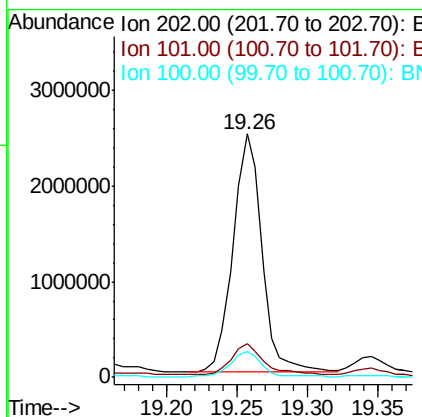
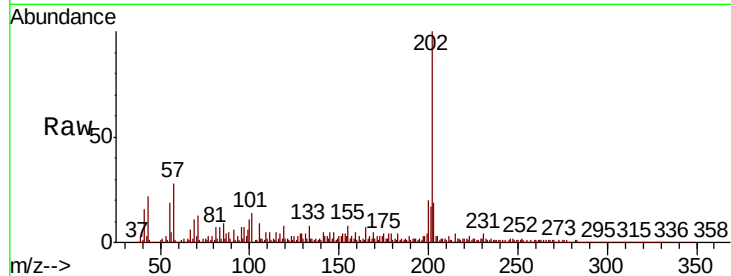
#80
 Pvrene
 Concen: 78.097 ng/ul
 RT: 19.26 min Scan# 2760
 Delta R.T. 0.04 min
 Lab File: BN009882.D
 Acq: 25 Feb 2020 02:28

Instrument :
 BNA_N
 ClientSampleId :
 C5AT7

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.3	16.9
100	10.9	9.0	13.6

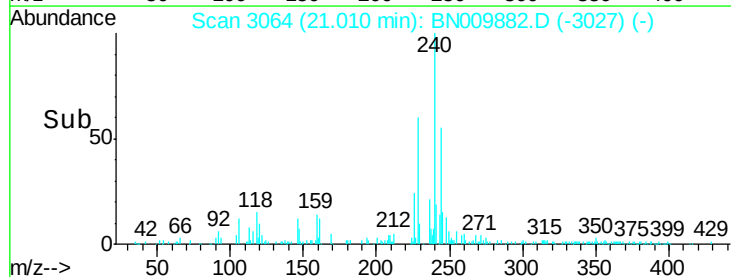
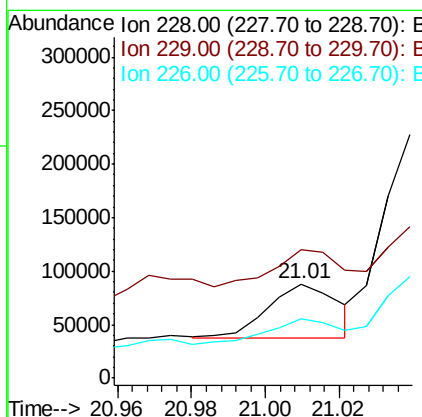
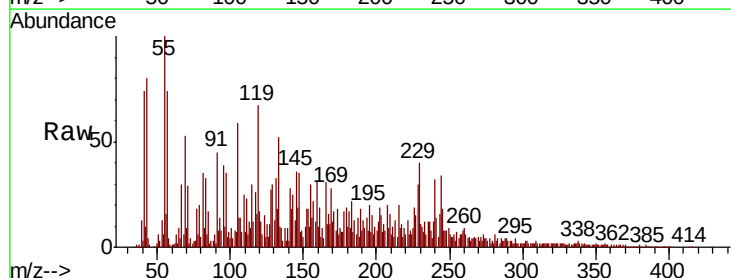
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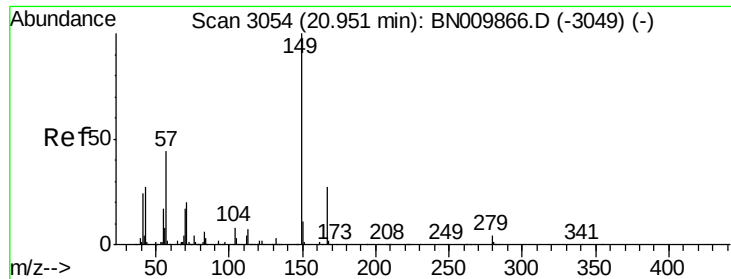
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#83
 Benzo(a)anthracene
 Concen: 1.574 ng/ul m
 RT: 21.01 min Scan# 3064
 Delta R.T. 0.02 min
 Lab File: BN009882.D
 Acq: 25 Feb 2020 02:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	136.6	15.0	22.4#
226	62.5	21.4	32.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.602 ng/ul m

RT: 20.96 min Scan# 3056

Delta R.T. 0.01 min

Lab File: BN009882.D

Acq: 25 Feb 2020 02:28

Instrument :

BNA_N

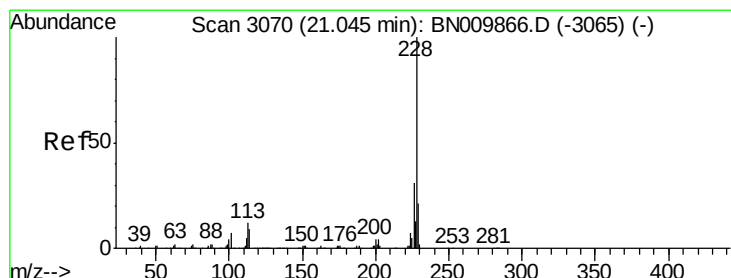
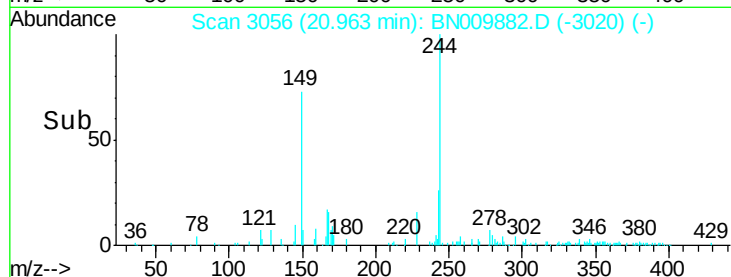
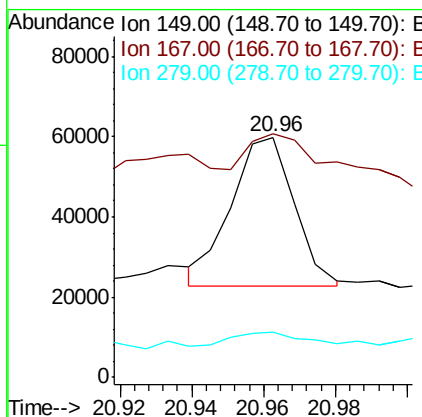
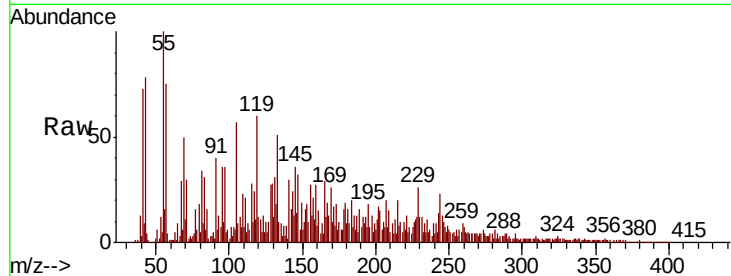
ClientSampleId :

C5AT7

Tot Ion	Ratio	Lower	Upper
149	100		
167	101.5	21.0	31.6#
279	19.0	3.0	4.6#

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2/25/2020 3:40:30 PM



#85

Chrysene

Concen: 7.231 ng/ul m

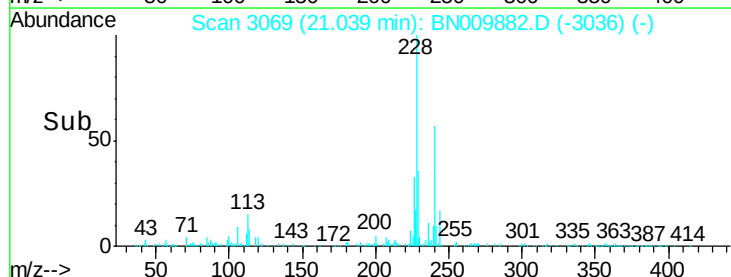
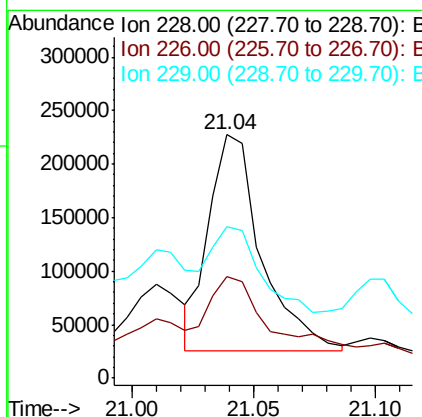
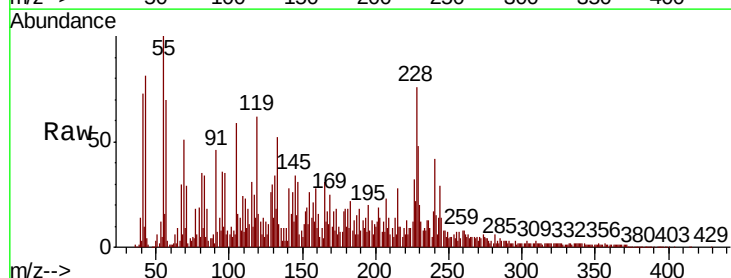
RT: 21.04 min Scan# 3069

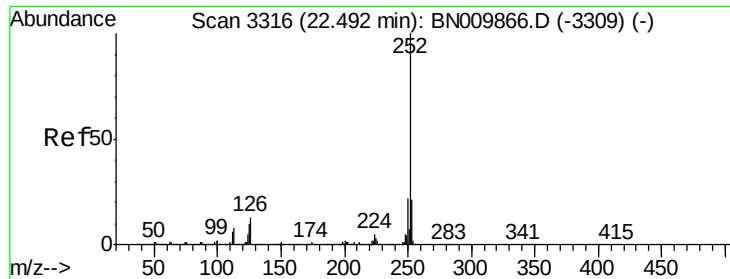
Delta R.T. -0.01 min

Lab File: BN009882.D

Acq: 25 Feb 2020 02:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.6	23.4	35.2#
229	62.3	15.0	22.4#





#88

Benzo(b)fluoranthene

Concen: 3.630 ng/ul m

RT: 22.52 min Scan# 3320

Delta R.T. 0.02 min

Lab File: BN009882.D

Acq: 25 Feb 2020 02:28

Instrument :

BNA_N

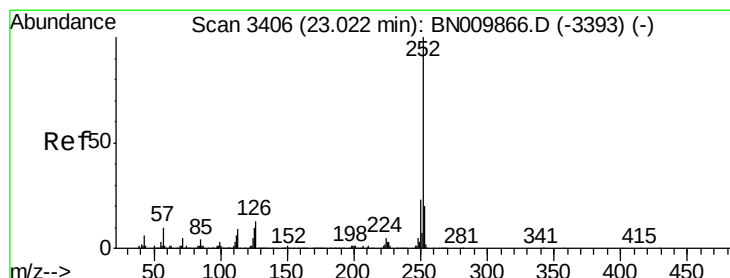
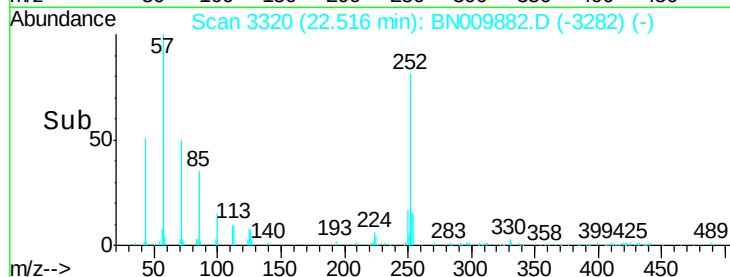
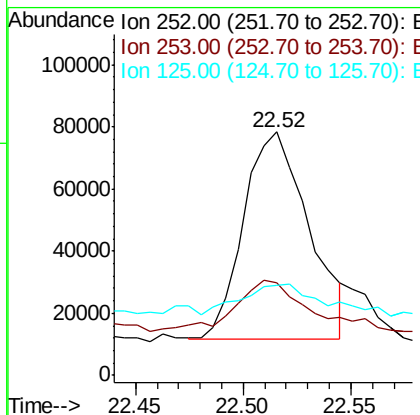
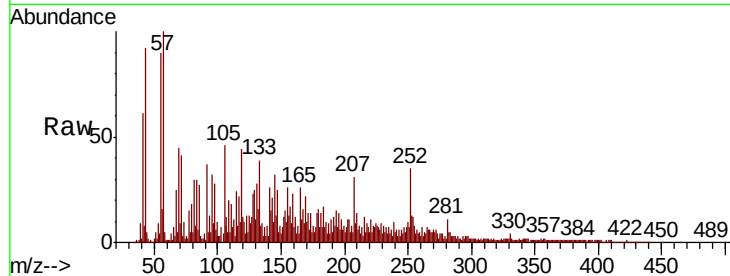
ClientSampleId :

C5AT7

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.0	17.0	25.4#
125	37.1	8.0	12.0#

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 2.208 ng/ul

RT: 23.04 min Scan# 3409

Delta R.T. 0.02 min

Lab File: BN009882.D

Acq: 25 Feb 2020 02:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.3	17.4	26.0#
125	44.7	9.0	13.6#

