

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009242.D
 Acq On : 28 Dec 2019 23:28
 Operator : JU
 Sample : K6278-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C70

Manual Integrations
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Quant Time: Dec 29 05:47:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 29 04:38:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2457	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8868	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4719	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9415m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	7387	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7695	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	3007	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	5943	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.31	128	3991	0.148	ng/ul	97
5) 2-Methylnaphthalene	11.93	142	2802	0.138	ng/ul	100
7) Acenaphthylene	13.85	152	1498	0.060	ng/ul#	85
8) Acenaphthene	14.20	153	620	0.032	ng/ul	96
9) Fluorene	15.19	166	627	0.027	ng/ul#	87
12) Phenanthrene	16.93	178	12505	0.382	ng/ul	99
13) Anthracene	17.02	178	1658	0.056	ng/ul#	88
15) Fluoranthene	18.95	202	19837	0.530	ng/ul	99
17) Pyrene	19.32	202	17380	0.461	ng/ul	99
18) Benzo(a)anthracene	21.07	228	8626	0.263	ng/ul	94
19) Chrysene	21.12	228	11650	0.353	ng/ul#	95
21) Benzo(b)fluoranthene	22.58	252	15313m	0.426	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	5168m	0.143	ng/ul	
23) Benzo(a)pyrene	23.12	252	9001	0.286	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.30	276	7119	0.208	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.30	278	2247	0.082	ng/ul#	54
26) Benzo(a,h,i)perylene	25.93	276	8114	0.281	ng/ul	94

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

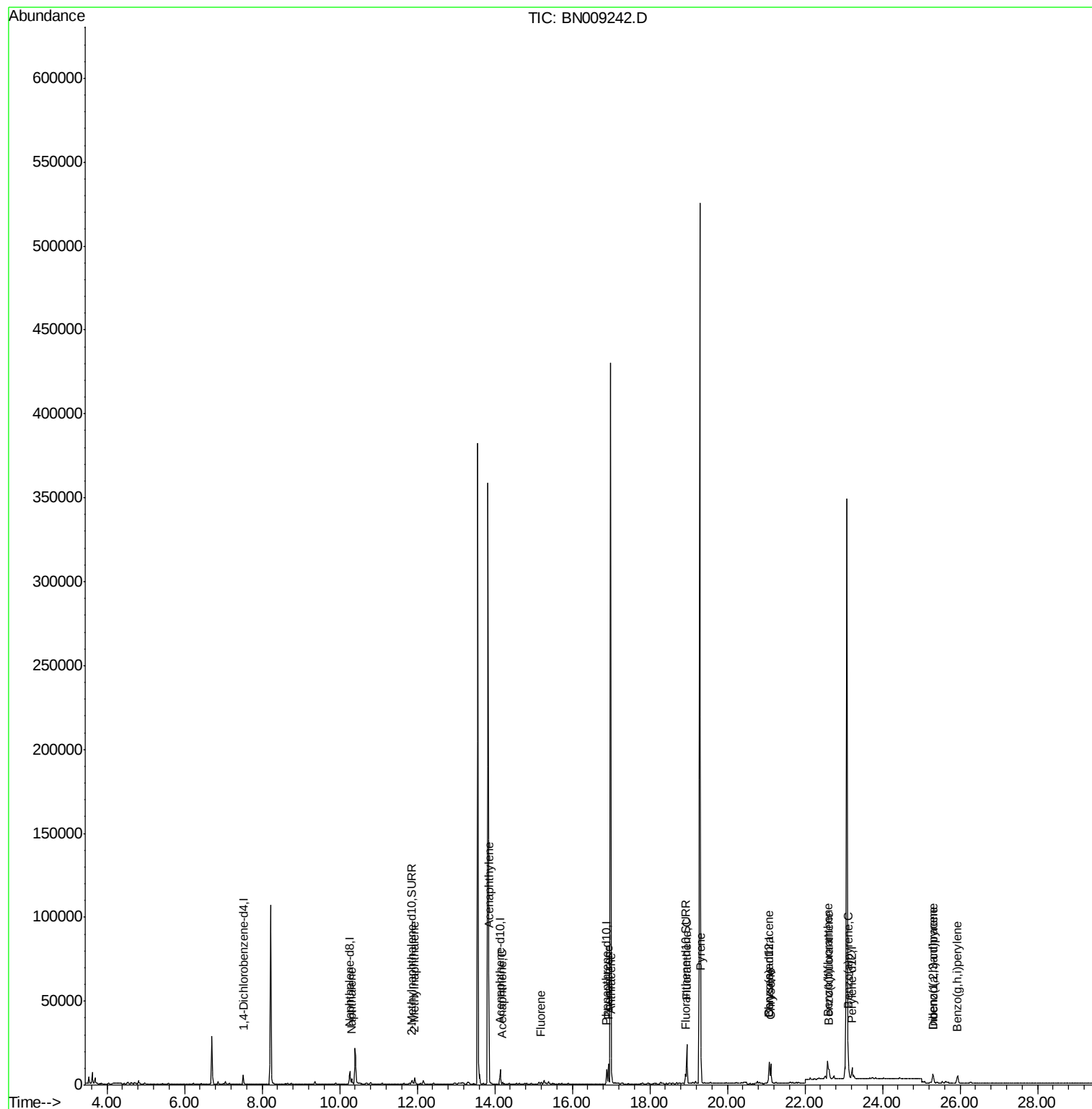
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
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ALS Vial : 25 Sample Multiplier: 1

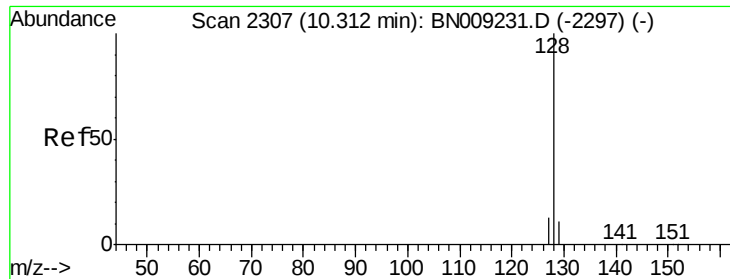
Instrument :
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C0C70

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
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QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.148 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BN009242.D

Acq: 28 Dec 2019 23:28

Instrument :

BNA_N

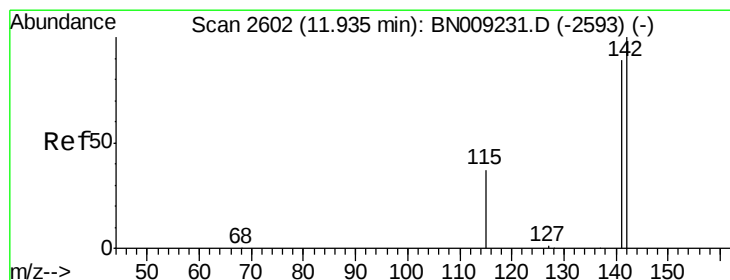
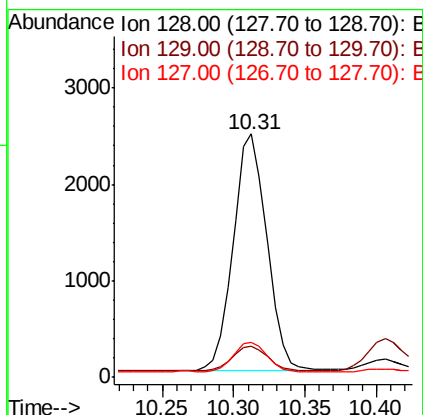
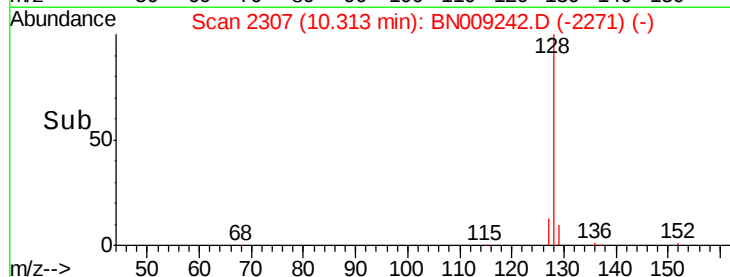
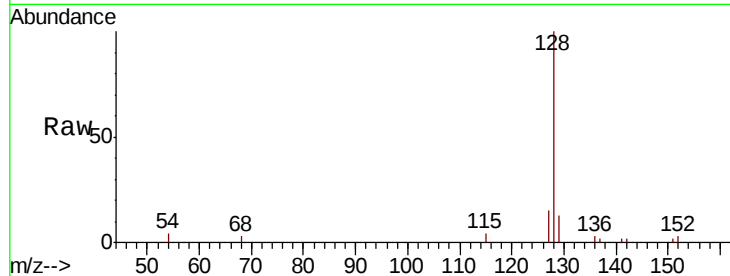
ClientSampleId :

C0C70

Tot Ion:	128	Resp:	3991
Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.0	13.4
127	14.6	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.138 ng/ul

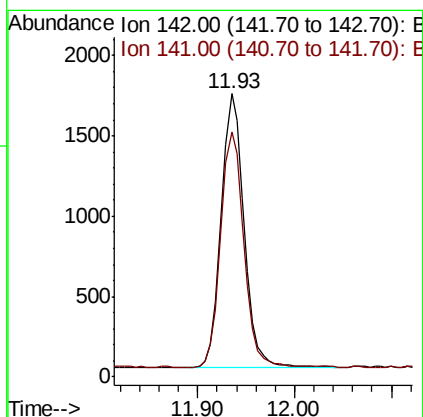
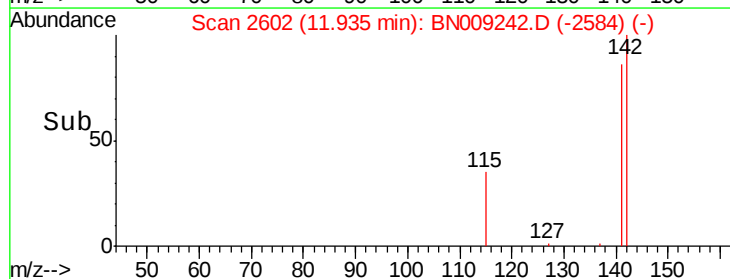
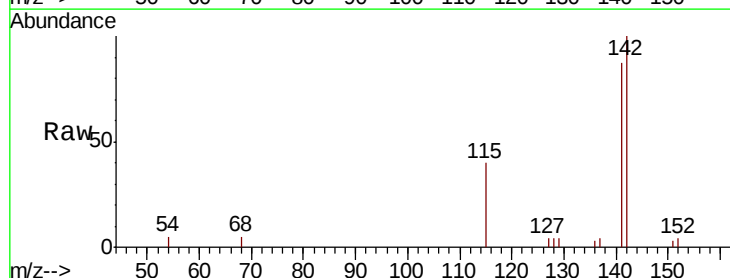
RT: 11.93 min Scan# 2602

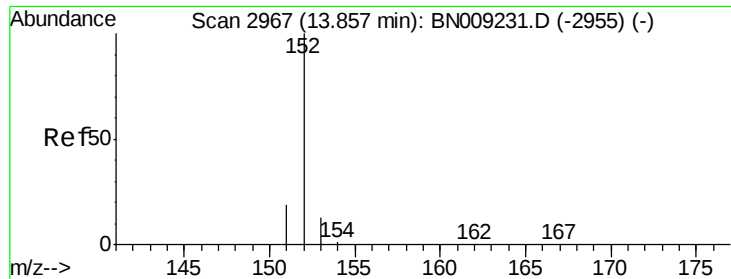
Delta R.T. 0.00 min

Lab File: BN009242.D

Acq: 28 Dec 2019 23:28

Tgt Ion:	142	Resp:	2802
Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.4





#7

Acenaphthylene

Concen: 0.060 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BN009242.D

Acq: 28 Dec 2019 23:28

Instrument :

BNA_N

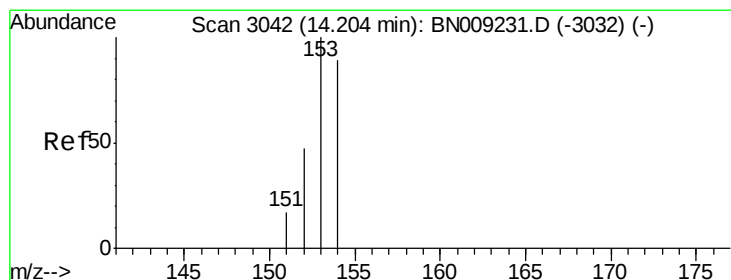
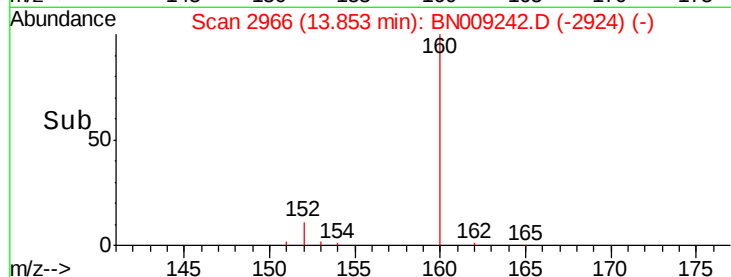
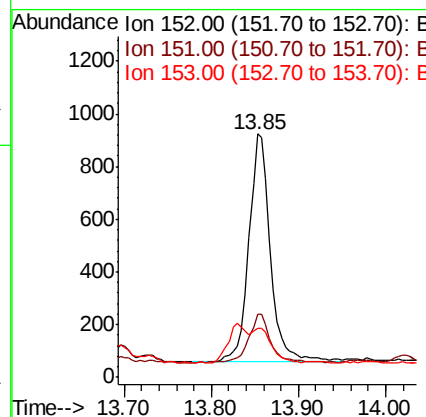
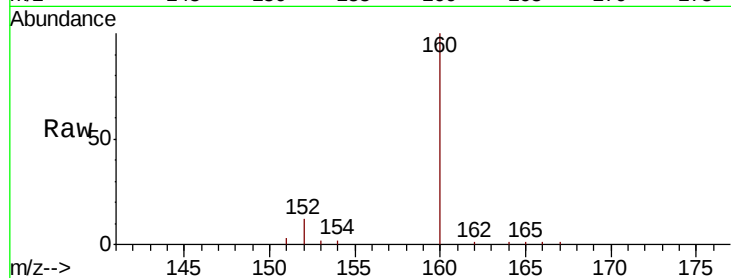
ClientSampleId :

C0C70

Tot Ion:	152	Resp:	1498
Ion Ratio	Lower	Upper	
152	100		
151	25.8	15.7	23.5#
153	20.3	10.8	16.2#

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#8

Acenaphthene

Concen: 0.032 ng/ul

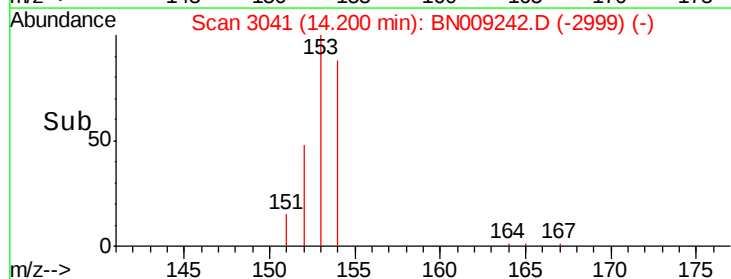
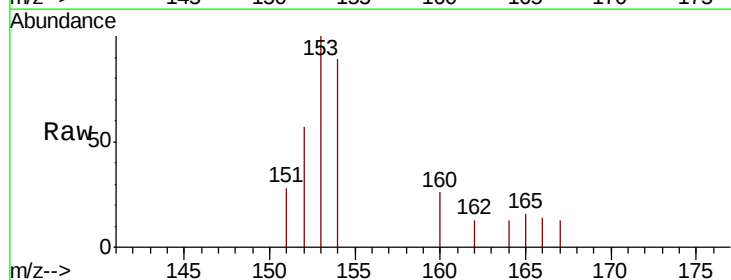
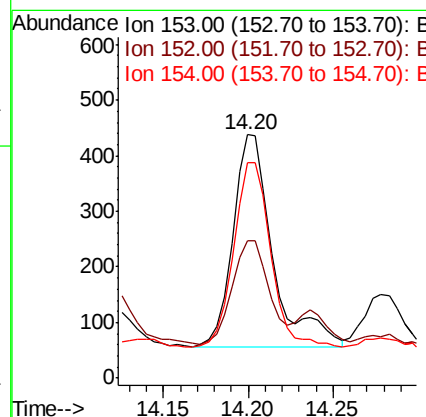
RT: 14.20 min Scan# 3041

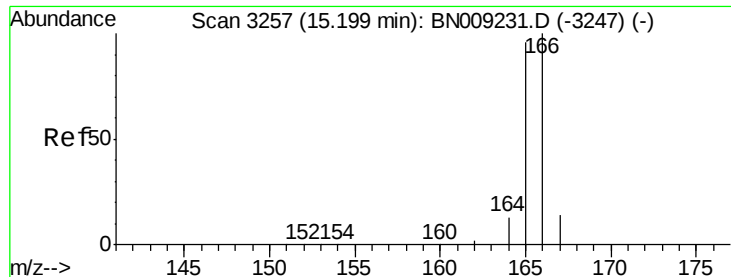
Delta R.T. -0.00 min

Lab File: BN009242.D

Acq: 28 Dec 2019 23:28

Tgt Ion:	153	Resp:	620
Ion Ratio	Lower	Upper	
153	100		
152	56.6	39.5	59.3
154	88.6	71.3	106.9





#9

Fluorene

Concen: 0.027 ng/ul

RT: 15.19 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BN009242.D

Acq: 28 Dec 2019 23:28

Instrument :

BNA_N

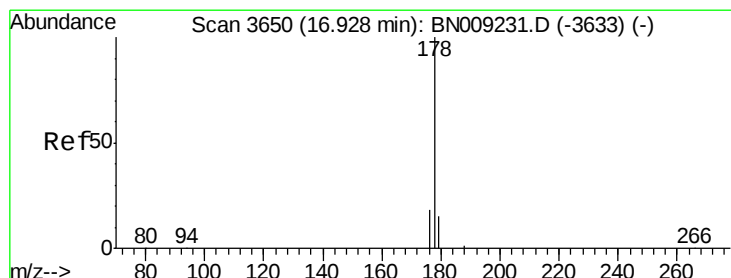
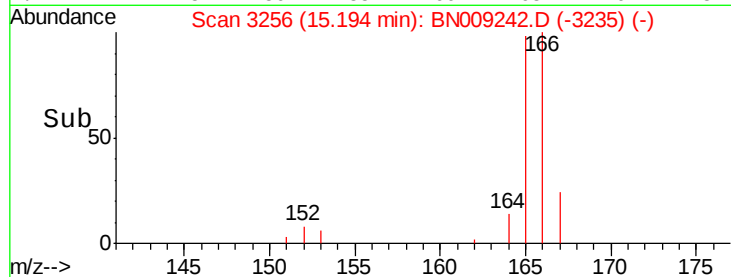
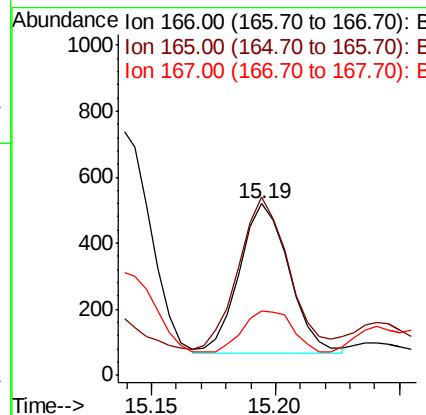
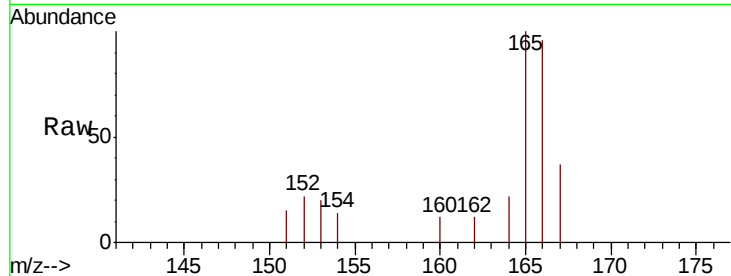
ClientSampleId :

C0C70

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.7	78.2	117.4
167	37.9	11.0	16.6

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#12

Phenanthrene

Concen: 0.382 ng/ul

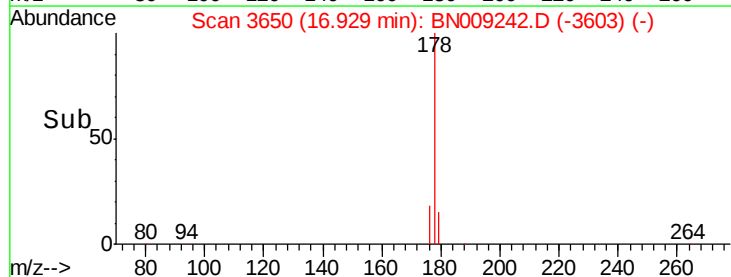
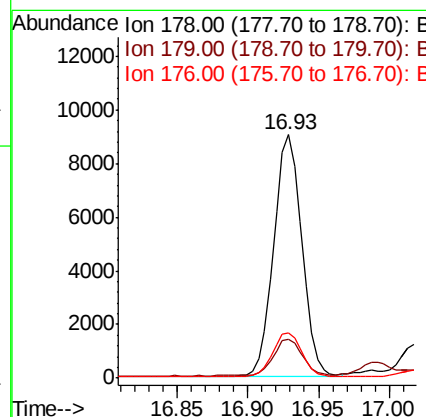
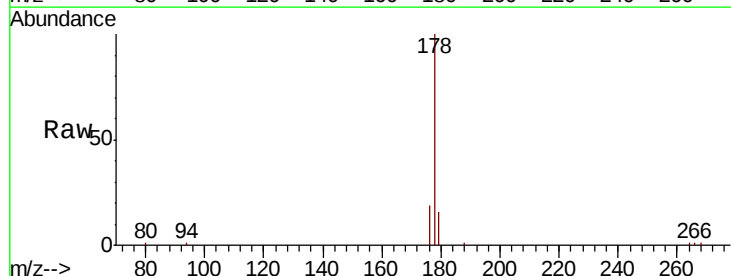
RT: 16.93 min Scan# 3650

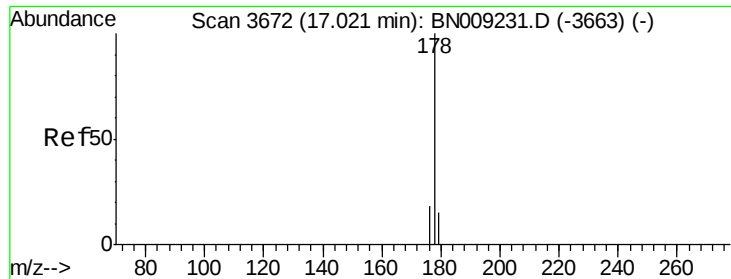
Delta R.T. 0.00 min

Lab File: BN009242.D

Acq: 28 Dec 2019 23:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.7	15.1	22.7





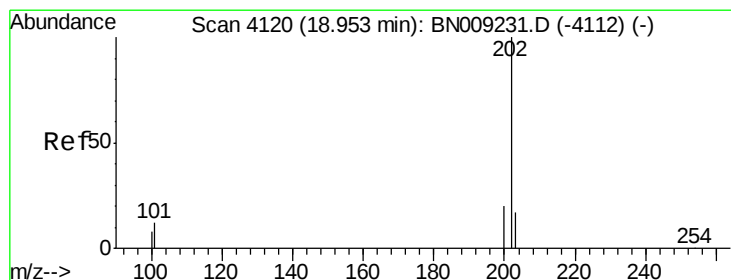
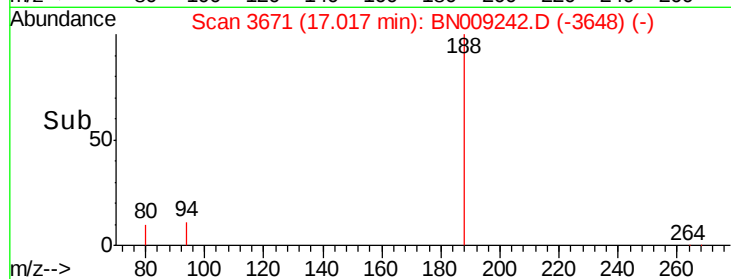
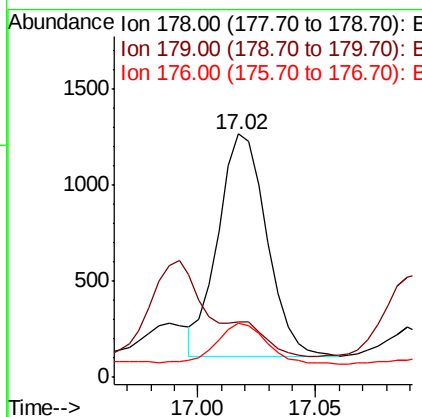
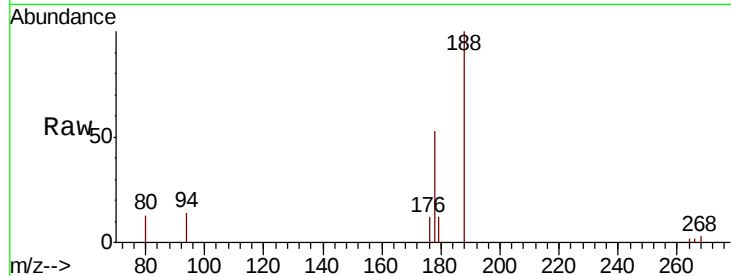
#13
 Anthracene
 Concen: 0.056 ng/ul
 RT: 17.02 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BN009242.D
 Acq: 28 Dec 2019 23:28

Instrument :
 BNA_N
 ClientSampleId :
 C0C70

Tot Ion:178 Resp: 1658
 Ion Ratio Lower Upper
 178 100
 179 22.8 12.5 18.7#
 176 22.2 14.9 22.3

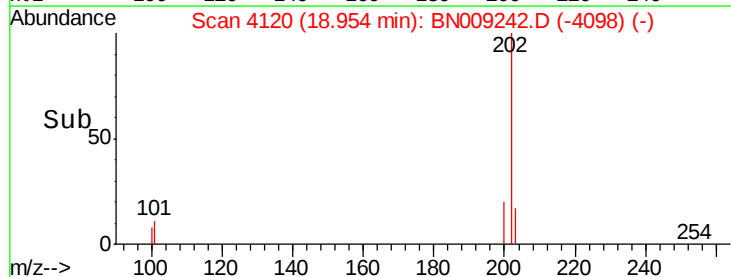
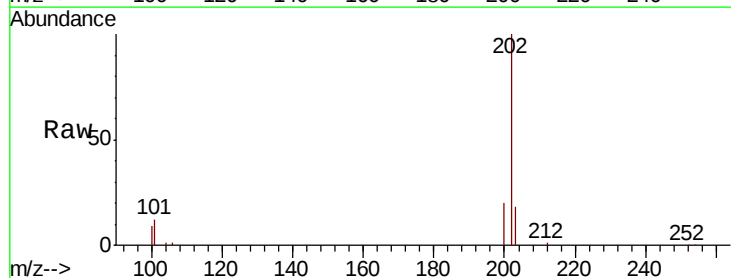
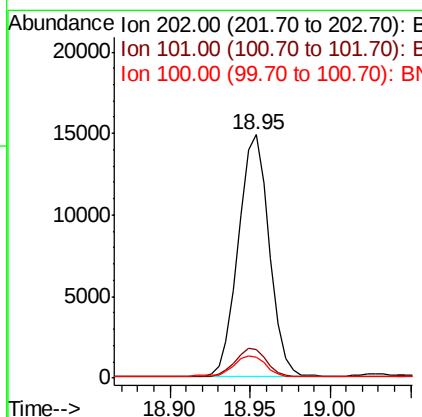
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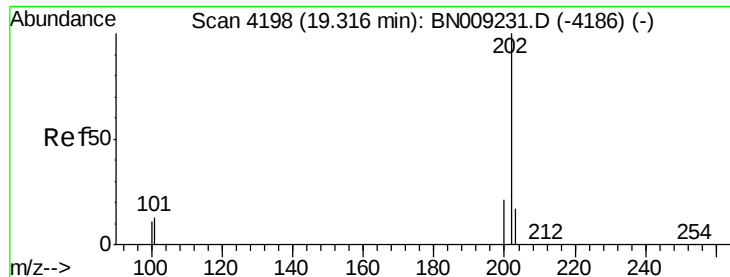
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#15
 Fluoranthene
 Concen: 0.530 ng/ul
 RT: 18.95 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: BN009242.D
 Acq: 28 Dec 2019 23:28

Tgt Ion:202 Resp: 19837
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.5
 100 8.7 0.0 28.9





#17

Pvrene

Concen: 0.461 ng/ul

RT: 19.32 min Scan# 4198

Delta R.T. 0.00 min

Lab File: BN009242.D

Acq: 28 Dec 2019 23:28

Instrument :

BNA_N

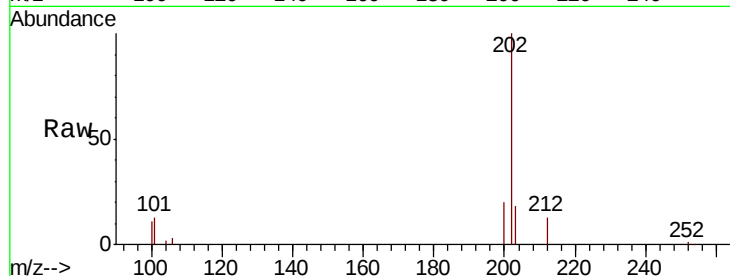
ClientSampleId :

C0C70

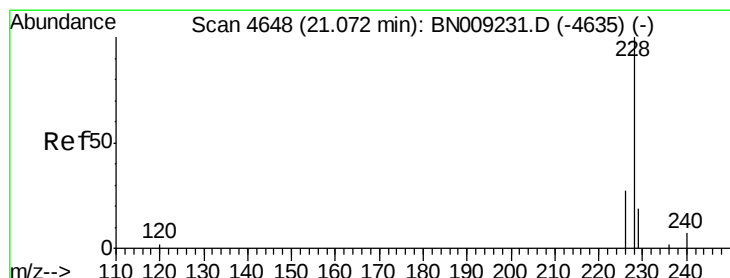
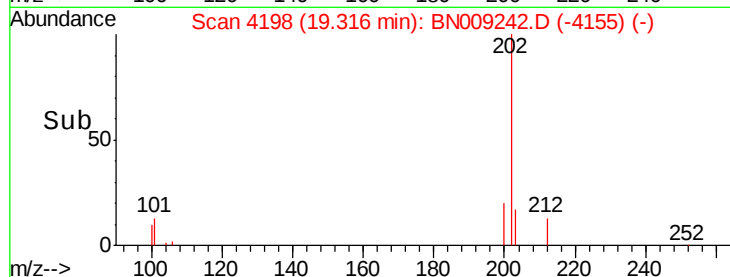
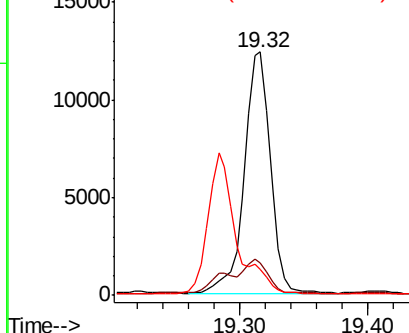
Tot Ion:	202	Resp:	17380
Ion Ratio	Lower	Upper	
202	100		
101	13.5	10.9	16.3
100	10.8	9.0	13.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.263 ng/ul

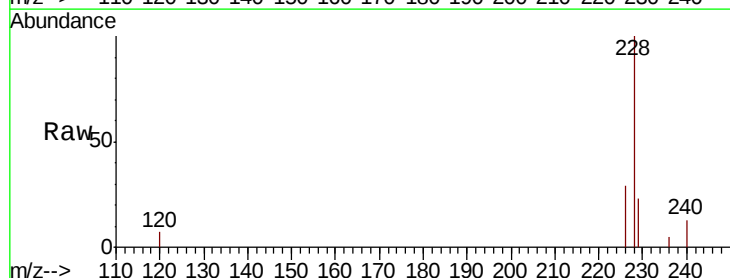
RT: 21.07 min Scan# 4647

Delta R.T. -0.00 min

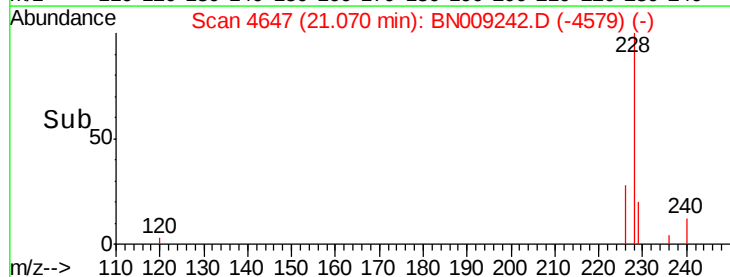
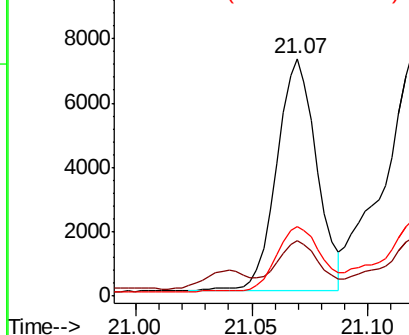
Lab File: BN009242.D

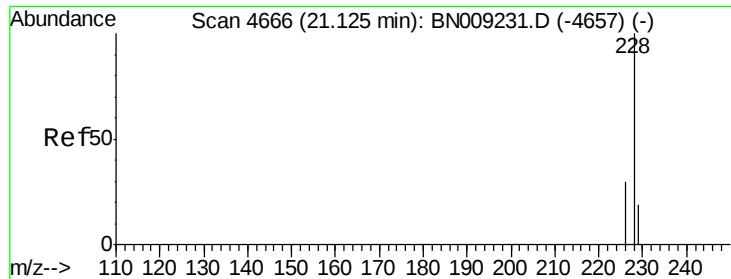
Acq: 28 Dec 2019 23:28

Tgt Ion:	228	Resp:	8626
Ion Ratio	Lower	Upper	
228	100		
229	23.1	15.5	23.3
226	29.4	21.7	32.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.353 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. -0.00 min

Lab File: BN009242.D

Acq: 28 Dec 2019 23:28

Instrument :

BNA_N

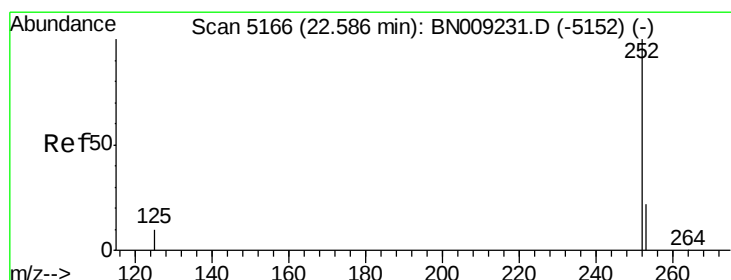
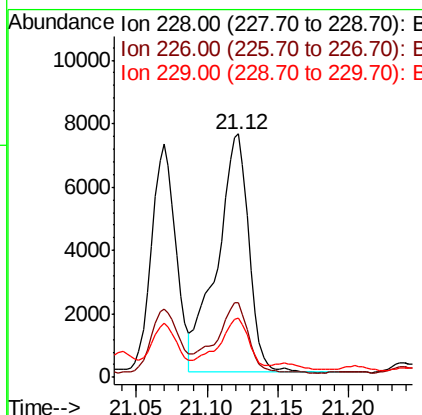
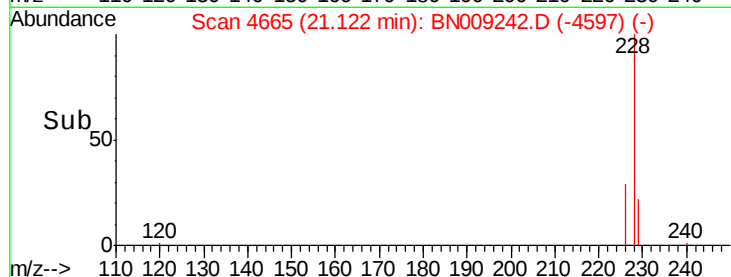
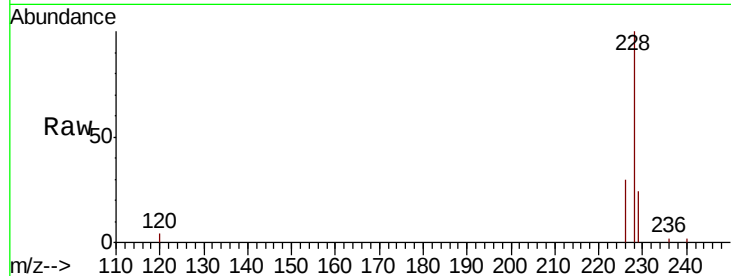
ClientSampleId :

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Tot Ion:	228	Resp:	11650
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.7	35.5
229	24.3	15.4	23.0#

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#21

Benzo(b)fluoranthene

Concen: 0.426 ng/ul m

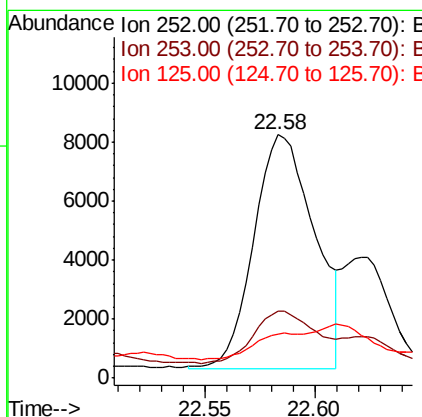
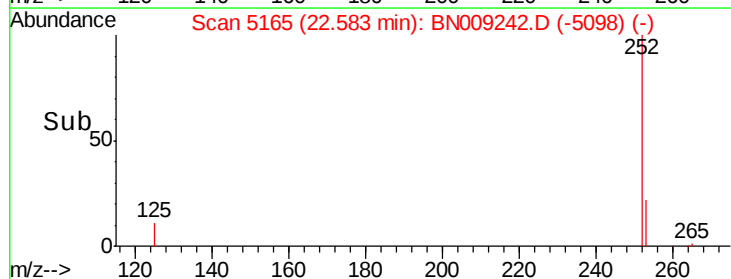
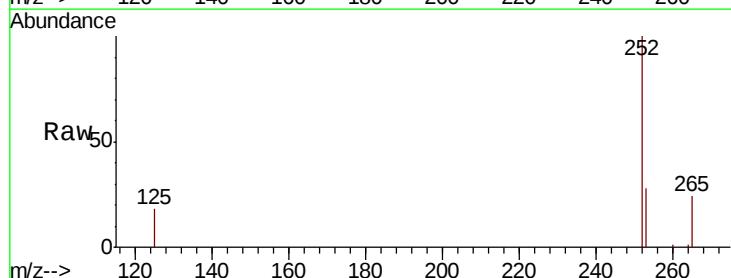
RT: 22.58 min Scan# 5165

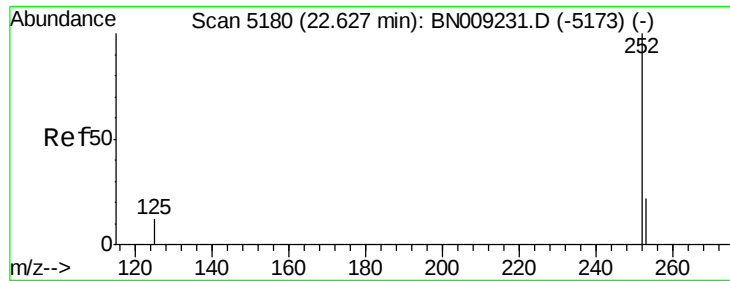
Delta R.T. -0.00 min

Lab File: BN009242.D

Acq: 28 Dec 2019 23:28

Tgt Ion:	252	Resp:	15313
Ion Ratio	Lower	Upper	
252	100		
253	27.5	0.0	48.2
125	18.2	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.143 ng/ul m

RT: 22.62 min Scan# 5179

Delta R.T. -0.00 min

Lab File: BN009242.D

Acq: 28 Dec 2019 23:28

Instrument :

BNA_N

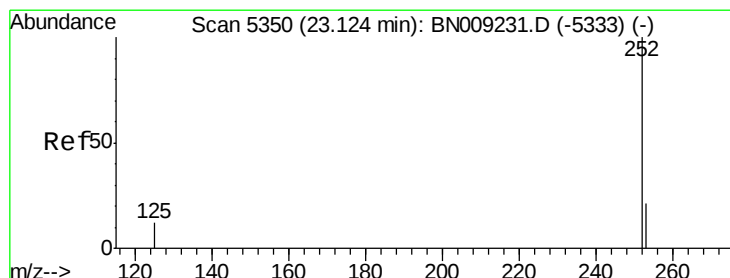
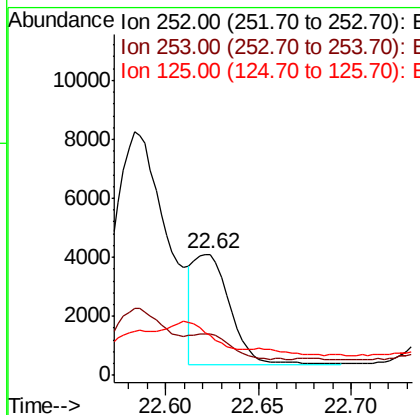
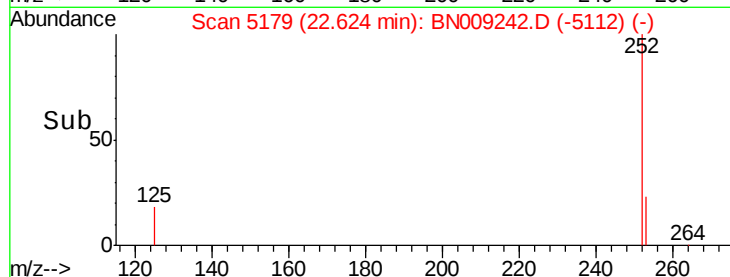
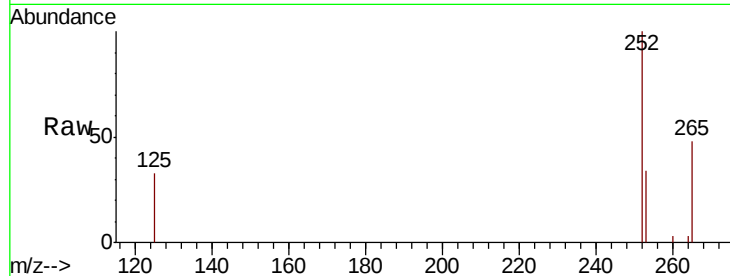
ClientSampleId :

C0C70

Tot Ion:	252	Resp:	5168
Ion Ratio	Lower	Upper	
252	100		
253	33.9	19.4	29.0#
125	32.9	12.4	18.6#

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#23

Benzo(a)pyrene

Concen: 0.286 ng/ul

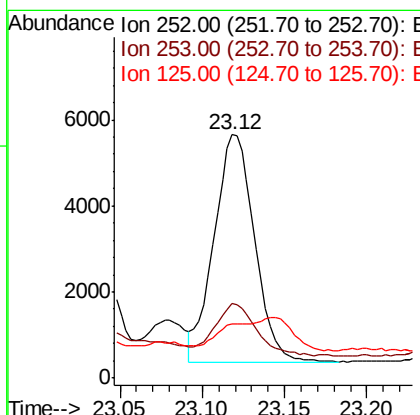
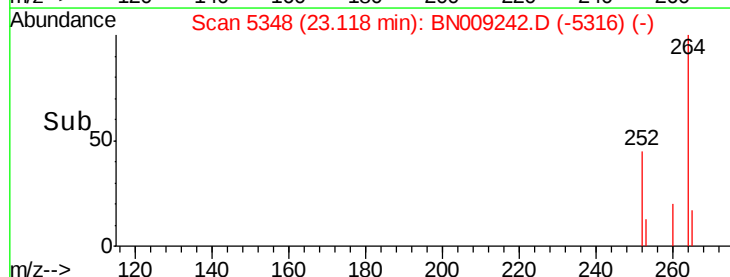
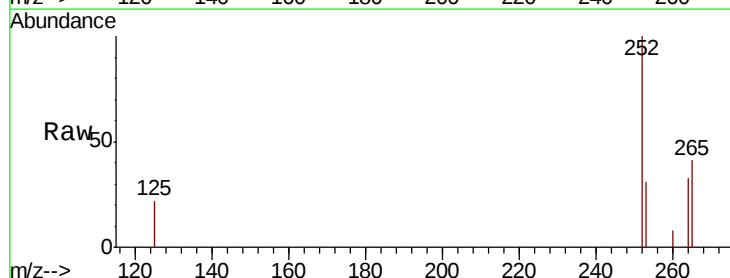
RT: 23.12 min Scan# 5348

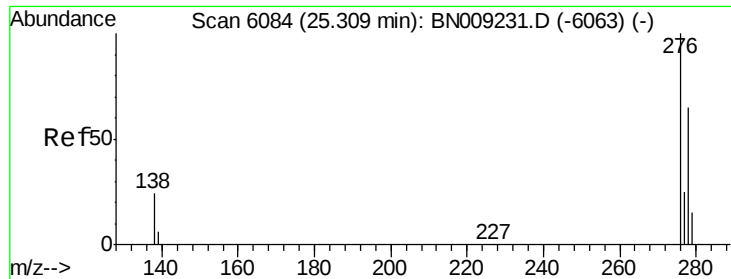
Delta R.T. -0.01 min

Lab File: BN009242.D

Acq: 28 Dec 2019 23:28

Tgt Ion:	252	Resp:	9001
Ion Ratio	Lower	Upper	
252	100		
253	30.5	20.2	30.4#
125	22.3	13.2	19.8#





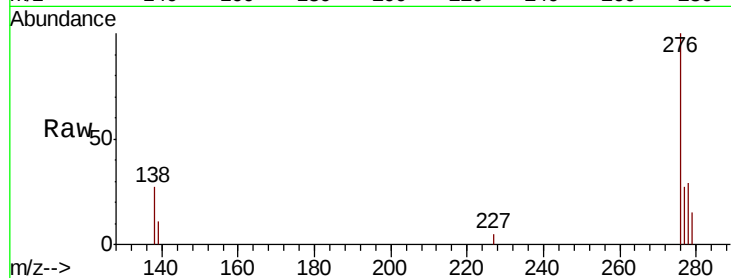
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng/u1
RT: 25.30 min Scan# 6082
Delta R.T. -0.01 min
Lab File: BN009242.D
Acq: 28 Dec 2019 23:28

Instrument :
BNA_N
ClientSampleId :
C0C70

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	22.4	33.6
227	0.2	0.2	0.4

Manual Integrations
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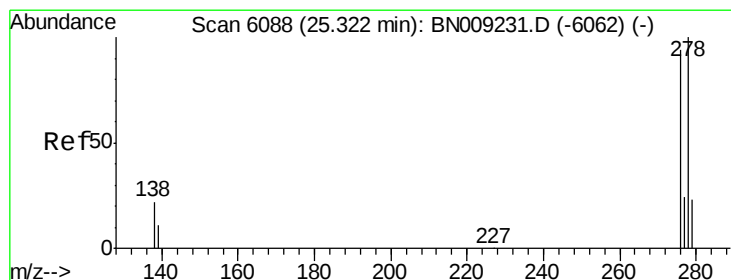
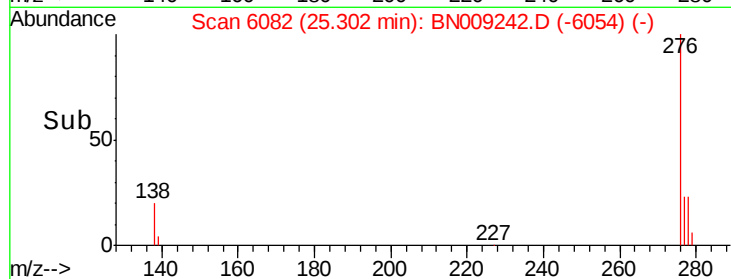
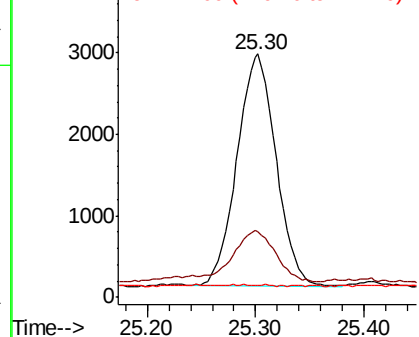


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.082 ng/u1
RT: 25.30 min Scan# 6082
Delta R.T. -0.02 min
Lab File: BN009242.D
Acq: 28 Dec 2019 23:28

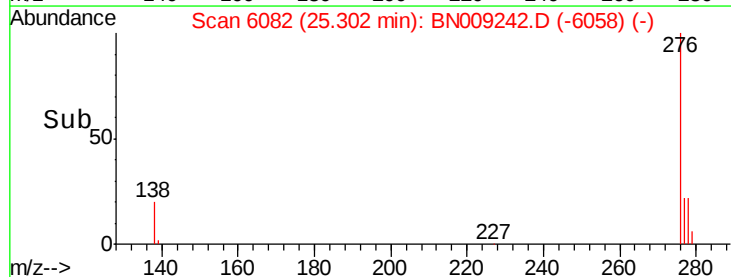
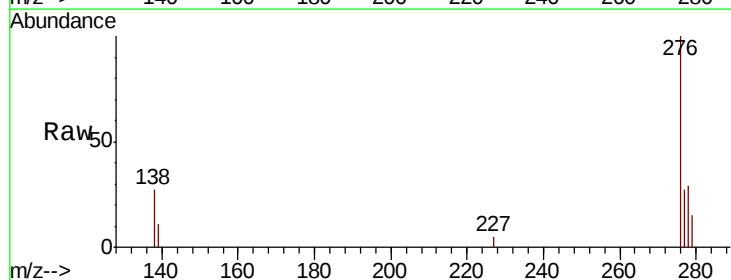
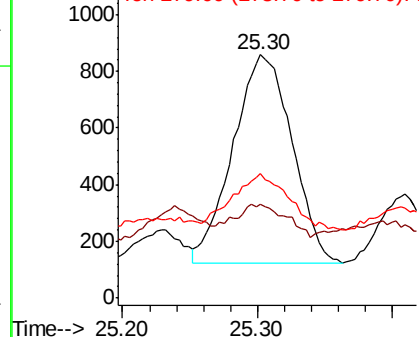
Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.5	16.2	24.2
279	51.3	20.3	30.5

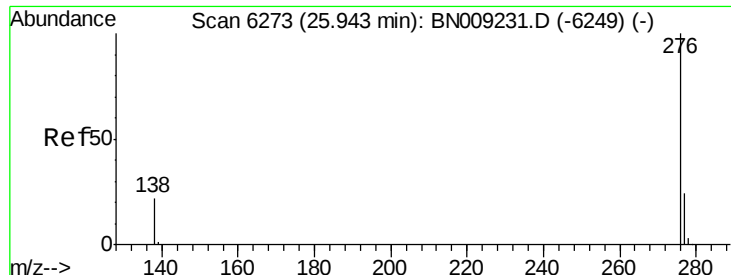
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





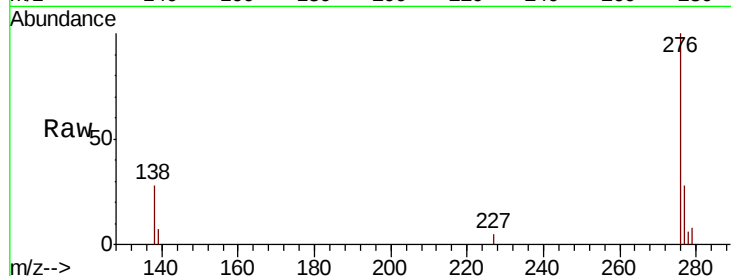
#26
Benzo(a,h,i)perylene
Concen: 0.281 ng/ul
RT: 25.93 min Scan# 6270
Delta R.T. -0.01 min
Lab File: BN009242.D
Acq: 28 Dec 2019 23:28

Instrument :
BNA_N
ClientSampleId :
C0C70

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	20.6	30.8
277	28.2	19.6	29.4

Manual Integrations
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12/29/2019 5:33:20 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

