

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009232.D
 Acq On : 28 Dec 2019 17:29
 Operator : JU
 Sample : K6278-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C71

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Quant Time: Dec 29 04:53:57 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	2254	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8288	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4660	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9649	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7566	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	7702	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	2001	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.93	212	4238	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	1302	0.052	ng/ul#	87
5) 2-Methylnaphthalene	11.94	142	1105	0.058	ng/ul	99
7) Acenaphthylene	13.86	152	1177	0.048	ng/ul#	61
9) Fluorene	15.20	166	611	0.027	ng/ul#	89
11) Pentachlorophenol	16.56	266	79	0.031	ng/ul	92
12) Phenanthrene	16.93	178	13108	0.391	ng/ul	99
13) Anthracene	17.02	178	2312	0.077	ng/ul#	92
15) Fluoranthene	18.95	202	36855	0.960	ng/ul	100
17) Pyrene	19.32	202	27964	0.724	ng/ul	99
18) Benzo(a)anthracene	21.07	228	14099	0.420	ng/ul	96
19) Chrysene	21.12	228	18021	0.534	ng/ul	97
21) Benzo(b)fluoranthene	22.59	252	24475m	0.681	ng/ul	
22) Benzo(k)fluoranthene	22.63	252	7826m	0.216	ng/ul	
23) Benzo(a)pyrene	23.12	252	12590	0.399	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.31	276	10567	0.308	ng/ul#	85
25) Dibenzo(a,h)anthracene	25.32	278	2962	0.108	ng/ul#	67
26) Benzo(a,h,i)perylene	25.94	276	7952	0.275	ng/ul	95

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

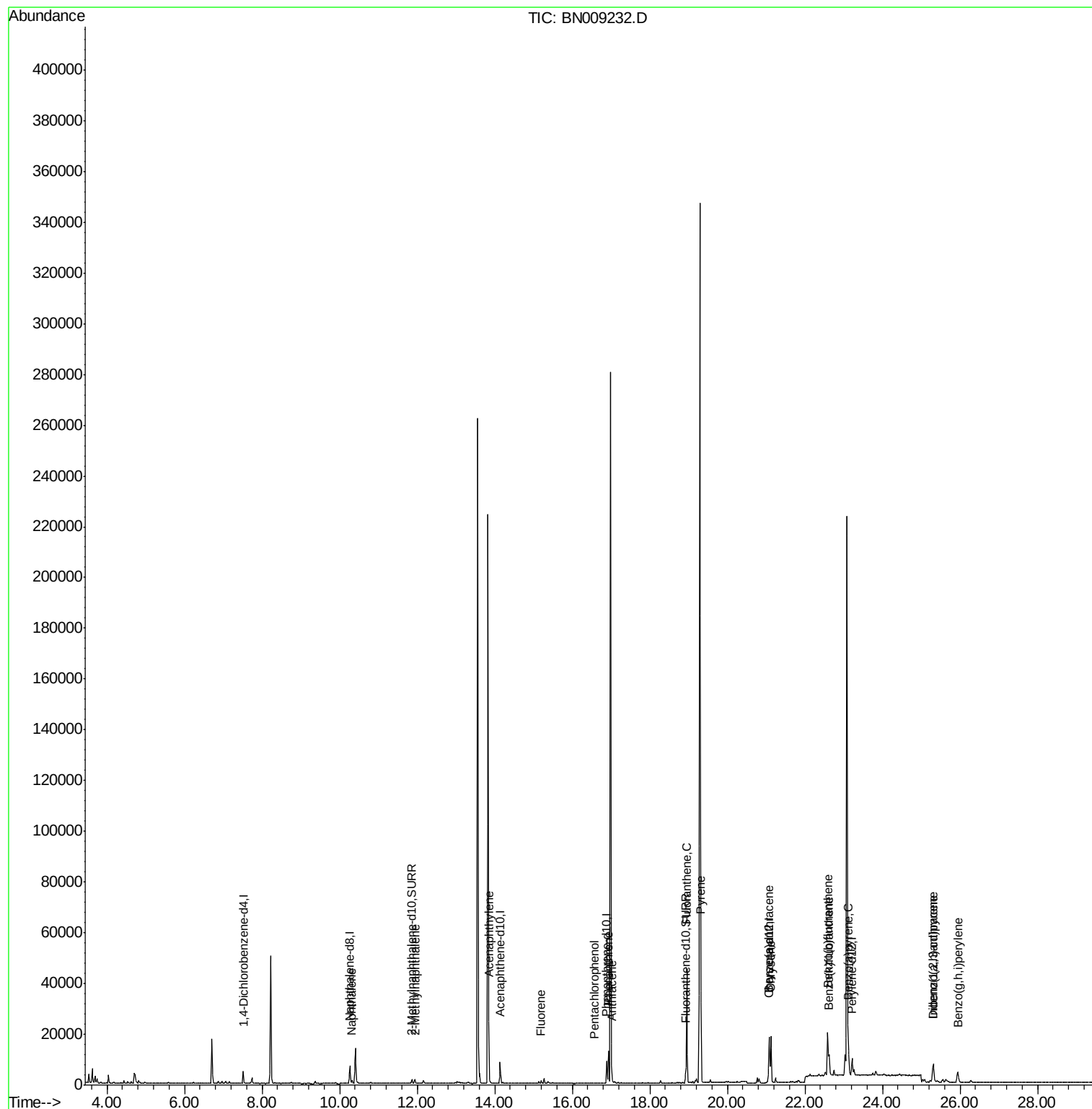
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009232.D
Acq On : 28 Dec 2019 17:29
Operator : JU
Sample : K6278-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

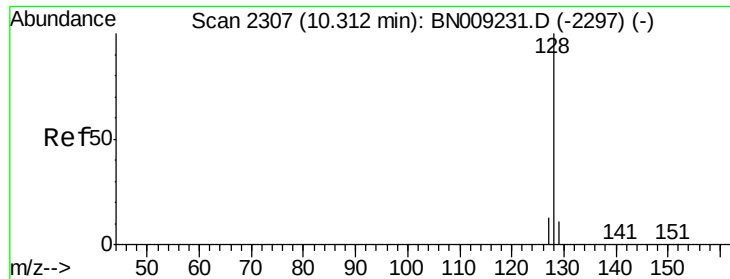
Instrument :
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Quant Time: Dec 29 04:53:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.052 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BN009232.D

Acq: 28 Dec 2019 17:29

Instrument :

BNA_N

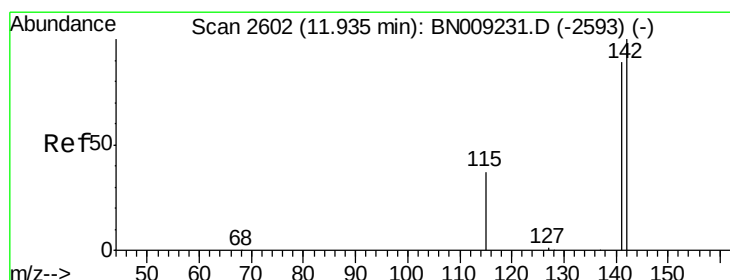
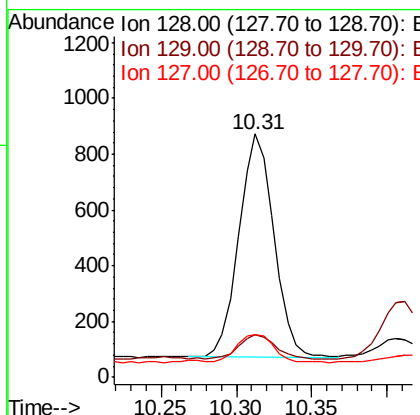
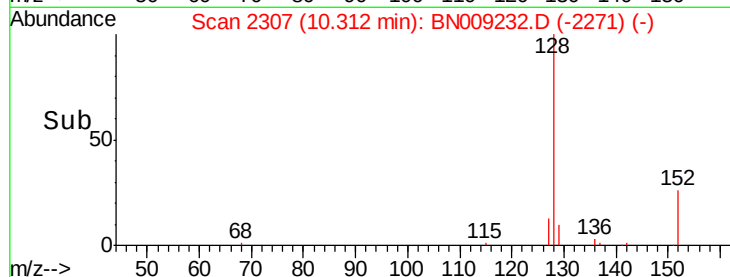
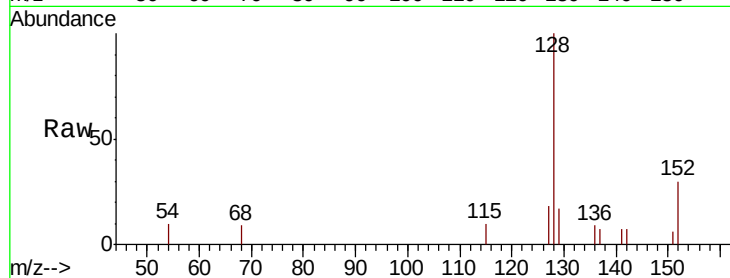
ClientSampleId :

C0C71

Tot Ion:	128	Resp:	1302
Ion Ratio	Lower	Upper	
128	100		
129	17.3	9.0	13.4#
127	17.8	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.058 ng/ul

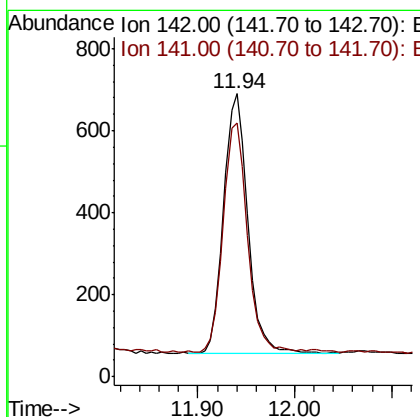
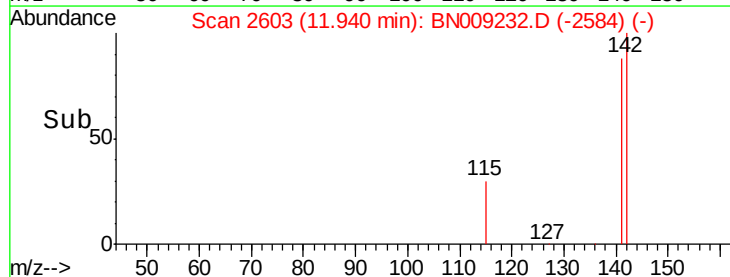
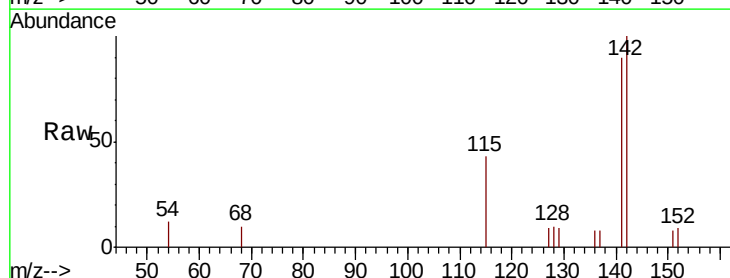
RT: 11.94 min Scan# 2603

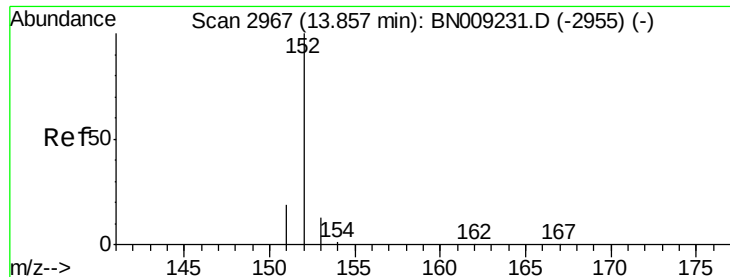
Delta R.T. 0.01 min

Lab File: BN009232.D

Acq: 28 Dec 2019 17:29

Tgt Ion:	142	Resp:	1105
Ion Ratio	Lower	Upper	
142	100		
141	88.4	70.2	105.4





#7

Acenaphthylene

Concen: 0.048 ng/ul

RT: 13.86 min Scan# 2967

Delta R.T. 0.00 min

Lab File: BN009232.D

Acq: 28 Dec 2019 17:29

Instrument :

BNA_N

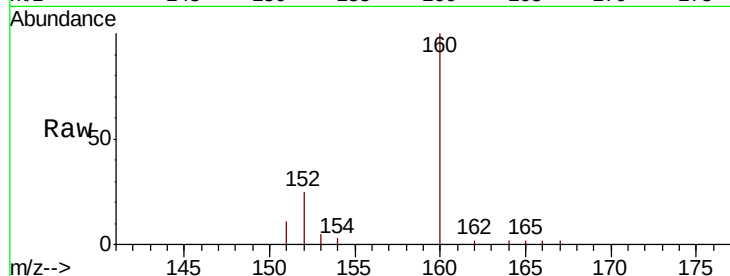
ClientSampled :

C0C71

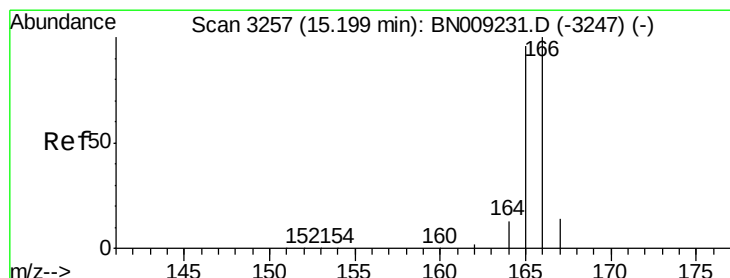
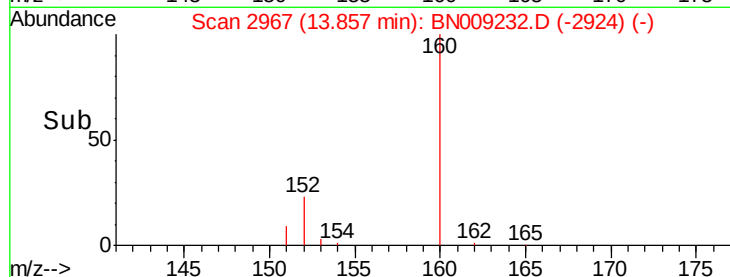
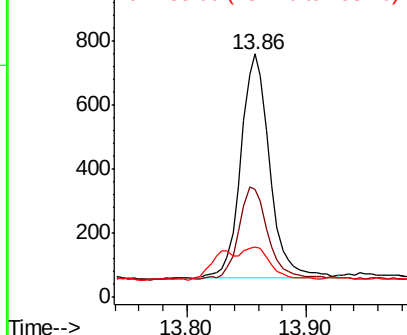
Tot Ion:	152	Resp:	1177
Ion Ratio	Lower	Upper	
152	100		
151	44.3	15.7	23.5#
153	20.8	10.8	16.2#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#9

Fluorene

Concen: 0.027 ng/ul

RT: 15.20 min Scan# 3257

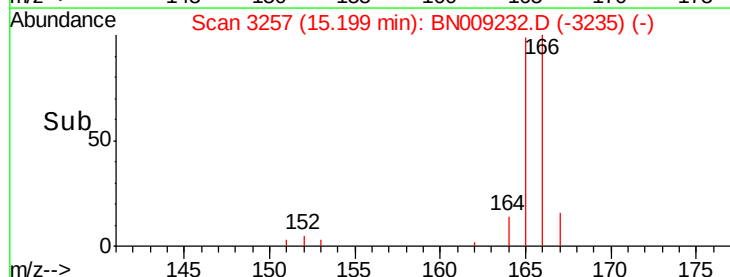
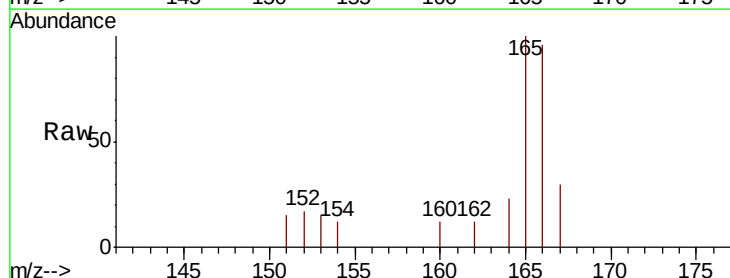
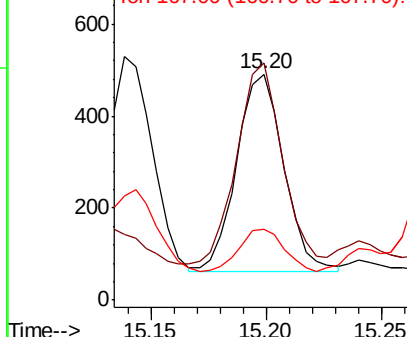
Delta R.T. 0.00 min

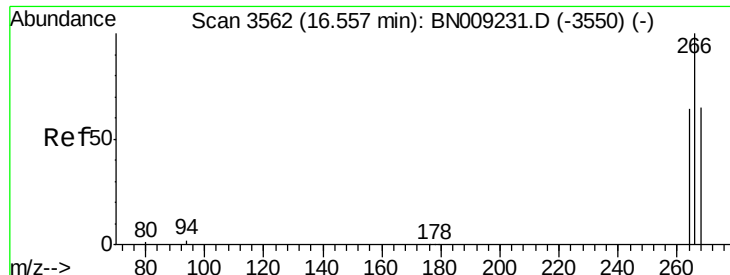
Lab File: BN009232.D

Acq: 28 Dec 2019 17:29

Tgt Ion:	166	Resp:	611
Ion Ratio	Lower	Upper	
166	100		
165	104.7	78.2	117.4
167	31.1	11.0	16.6#

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





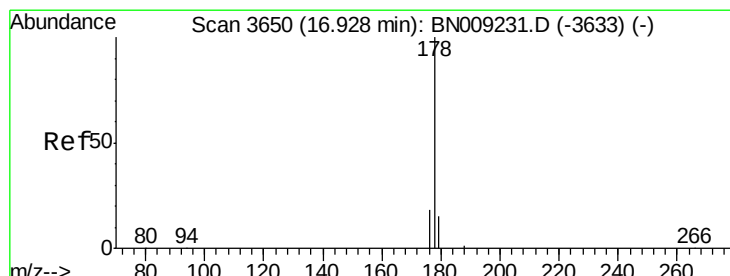
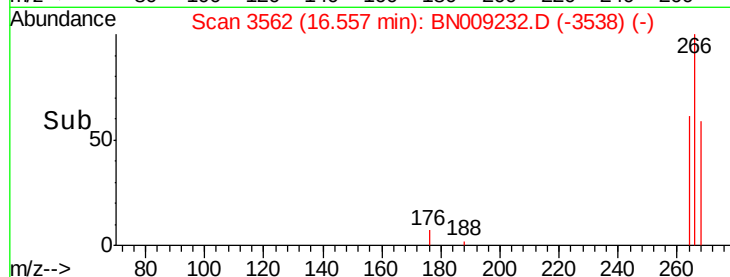
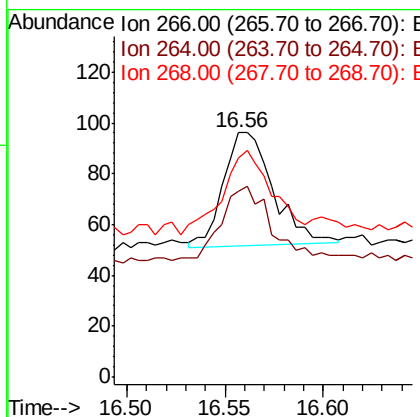
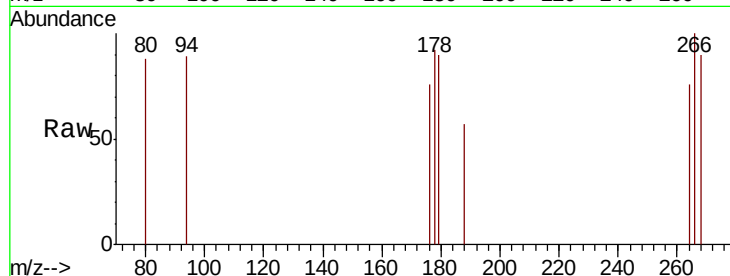
#11
 Pentachlorophenol
 Concen: 0.031 ng/ul
 RT: 16.56 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: BN009232.D
 Acq: 28 Dec 2019 17:29

Instrument :
 BNA_N
 ClientSampleId :
 C0C71

Tot Ion:	266	Resp:	79
Ion	Ratio	Lower	Upper
266	100		
264	67.1	49.9	74.9
268	73.4	52.1	78.1

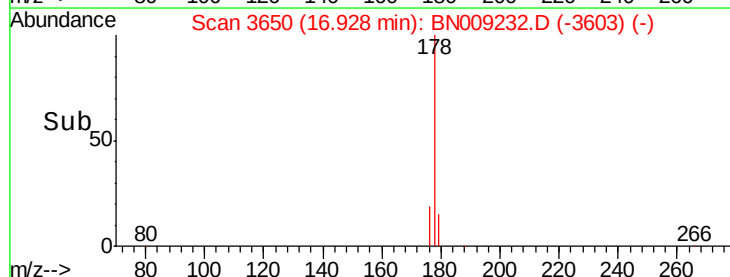
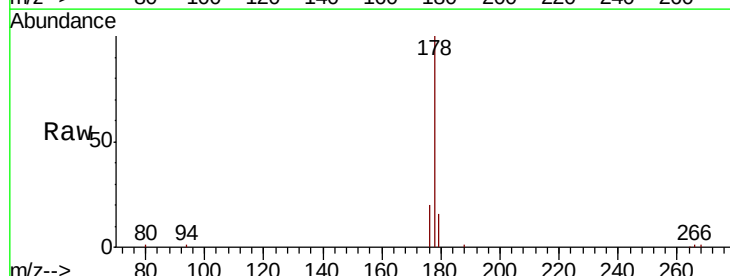
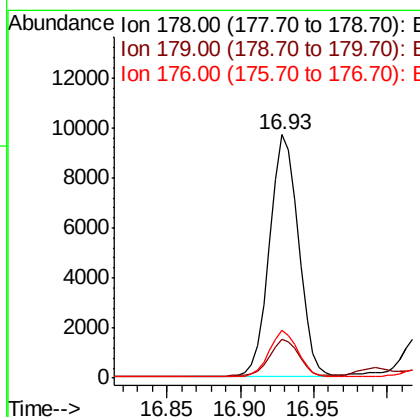
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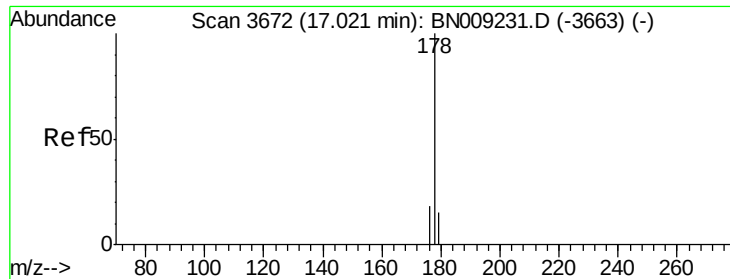
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#12
 Phenanthrene
 Concen: 0.391 ng/ul
 RT: 16.93 min Scan# 3650
 Delta R.T. 0.00 min
 Lab File: BN009232.D
 Acq: 28 Dec 2019 17:29

Tgt Ion:	178	Resp:	13108
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.5	15.1	22.7





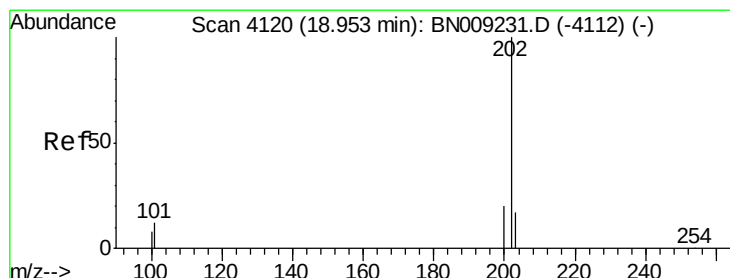
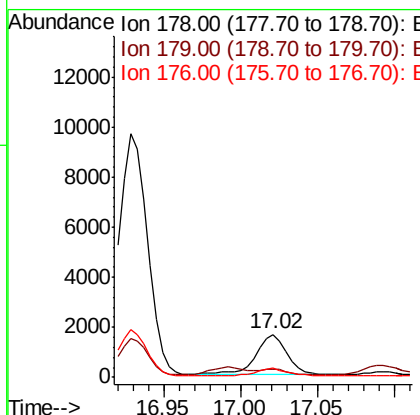
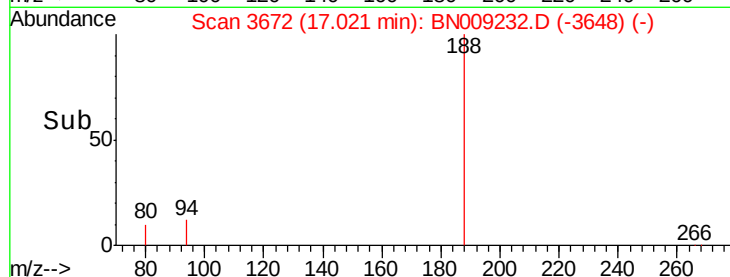
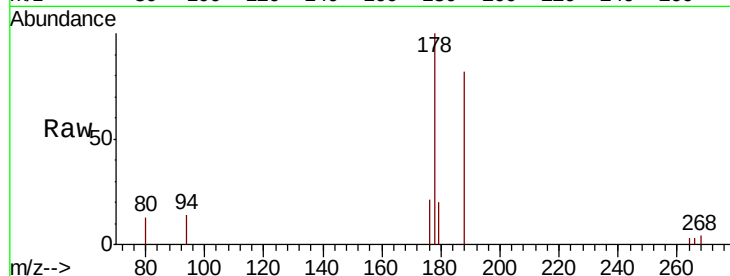
#13
 Anthracene
 Concen: 0.077 ng/ul
 RT: 17.02 min Scan# 3672
 Delta R.T. 0.00 min
 Lab File: BN009232.D
 Acq: 28 Dec 2019 17:29

Instrument :
 BNA_N
 ClientSampleId :
 C0C71

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.9	12.5	18.7#
176	21.5	14.9	22.3

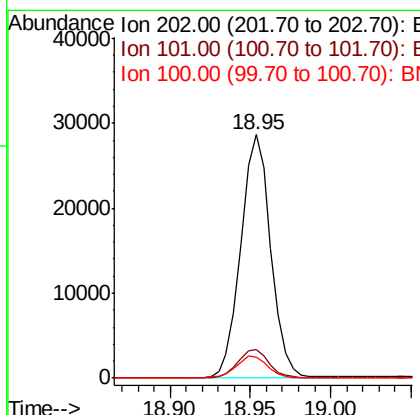
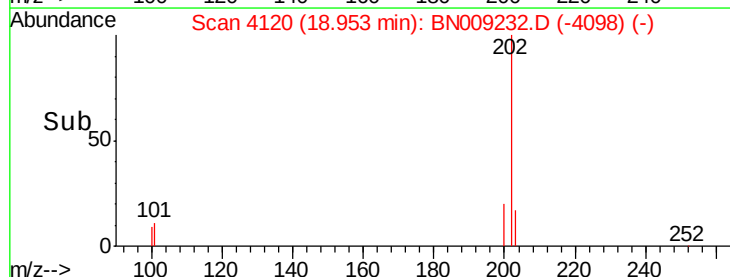
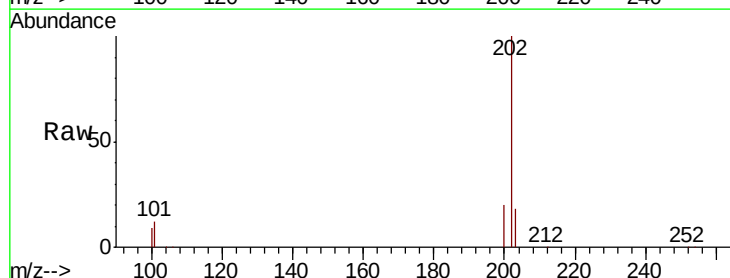
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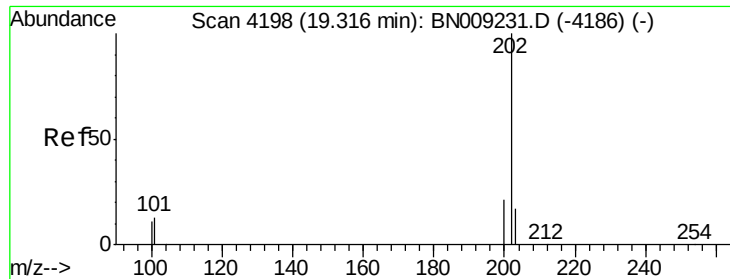
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#15
 Fluoranthene
 Concen: 0.960 ng/ul
 RT: 18.95 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: BN009232.D
 Acq: 28 Dec 2019 17:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.5
100	8.8	0.0	28.9





#17

Pvrene

Concen: 0.724 ng/ul

RT: 19.32 min Scan# 4198

Delta R.T. 0.00 min

Lab File: BN009232.D

Acq: 28 Dec 2019 17:29

Instrument :

BNA_N

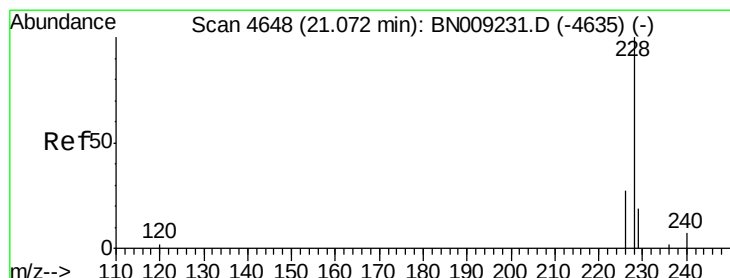
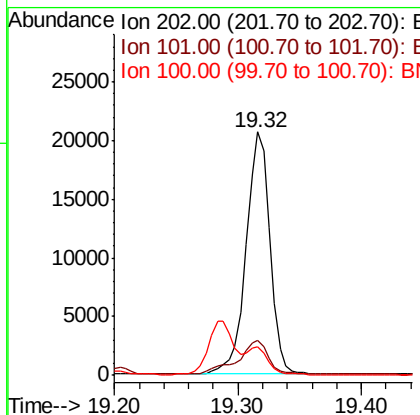
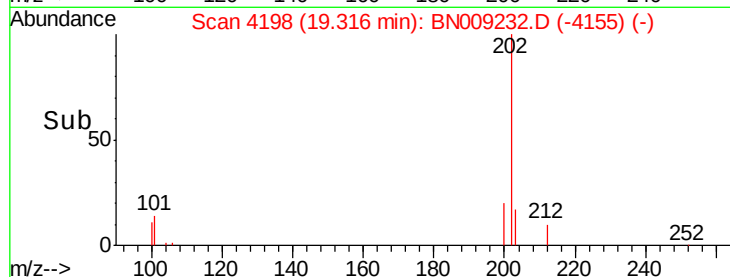
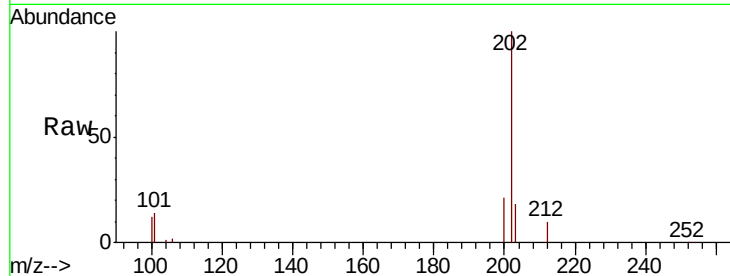
ClientSampleId :

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Tot Ion:	202	Resp:	27964
Ion Ratio	Lower	Upper	
202	100		
101	14.4	10.9	16.3
100	11.6	9.0	13.6

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#18

Benzo(a)anthracene

Concen: 0.420 ng/ul

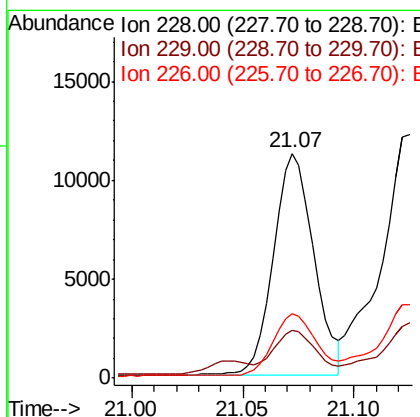
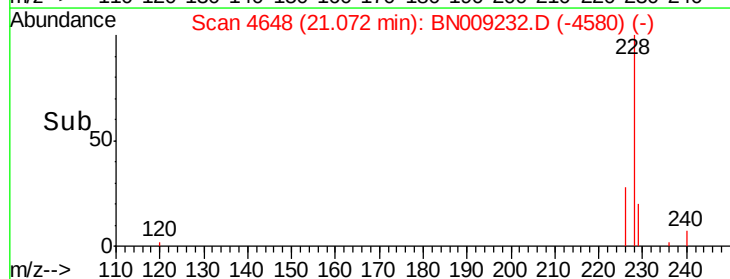
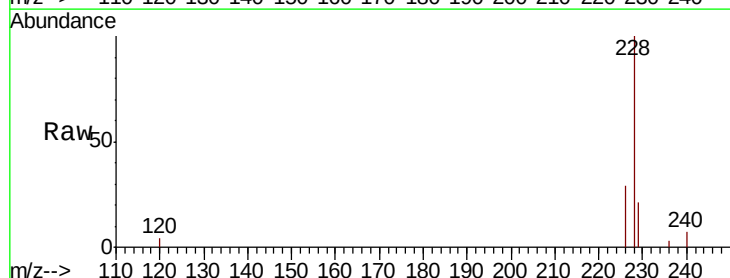
RT: 21.07 min Scan# 4648

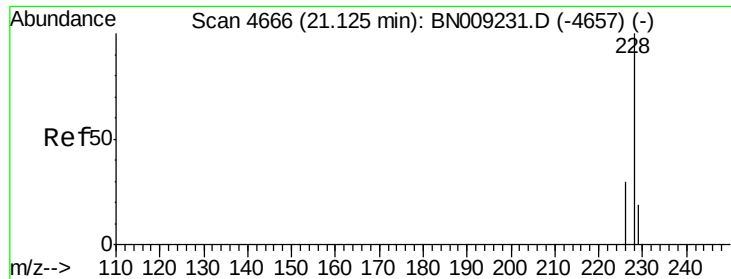
Delta R.T. 0.00 min

Lab File: BN009232.D

Acq: 28 Dec 2019 17:29

Tgt Ion:	228	Resp:	14099
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.5	23.3
226	28.6	21.7	32.5





#19

Chrysene

Concen: 0.534 ng/ul

RT: 21.12 min Scan# 4666

Delta R.T. 0.00 min

Lab File: BN009232.D

Acq: 28 Dec 2019 17:29

Instrument :

BNA_N

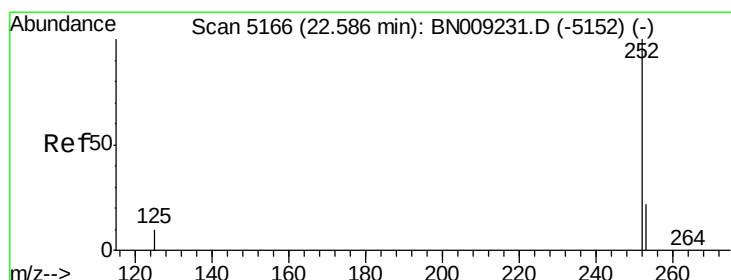
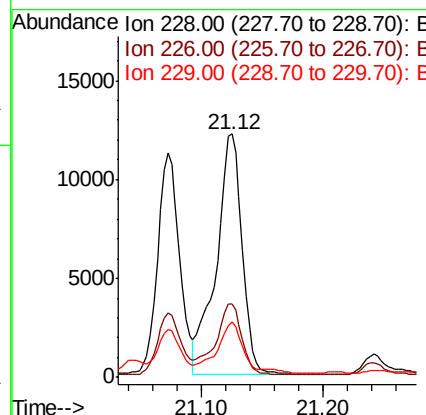
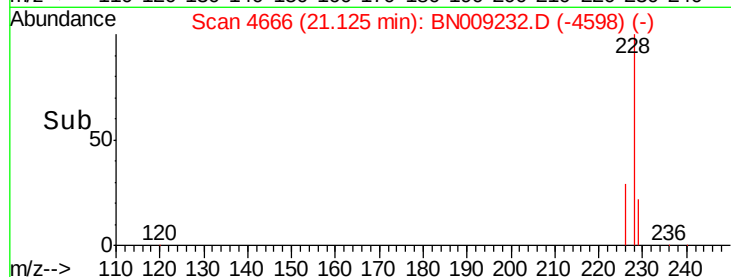
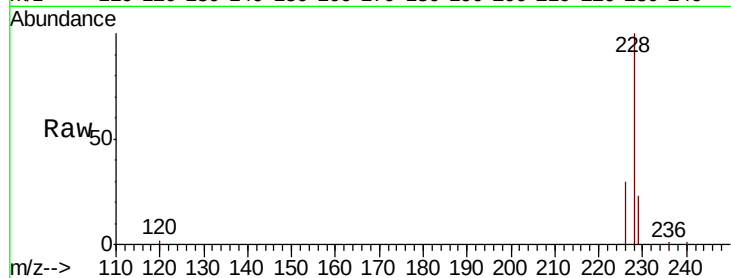
ClientSampleId :

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Tot Ion:	228	Resp:	18021
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.7	35.5
229	22.6	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 0.681 ng/ul m

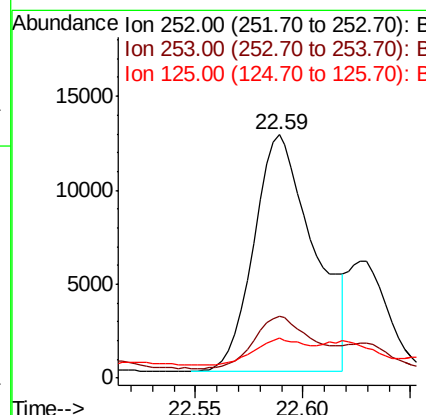
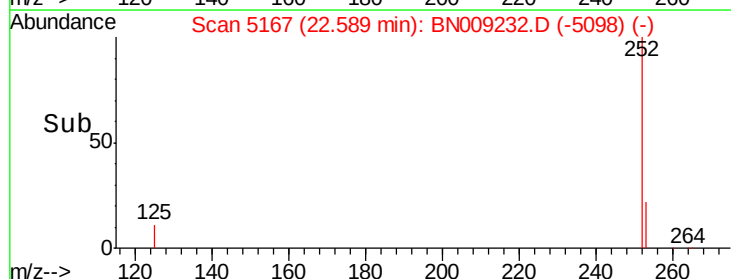
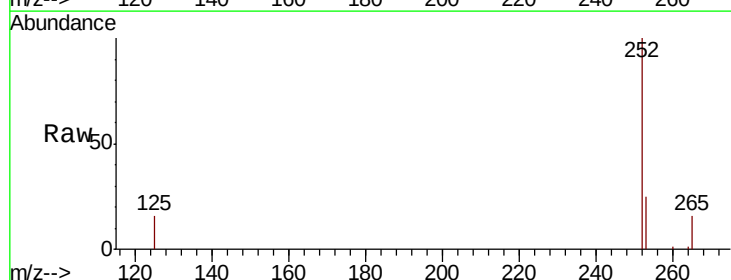
RT: 22.59 min Scan# 5167

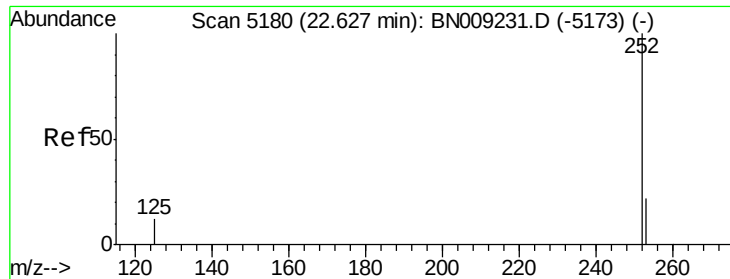
Delta R.T. 0.00 min

Lab File: BN009232.D

Acq: 28 Dec 2019 17:29

Tgt Ion:	252	Resp:	24475
Ion Ratio	Lower	Upper	
252	100		
253	25.3	0.0	48.2
125	16.3	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.216 ng/ul m

RT: 22.63 min Scan# 5181

Delta R.T. 0.00 min

Lab File: BN009232.D

Acq: 28 Dec 2019 17:29

Instrument :

BNA_N

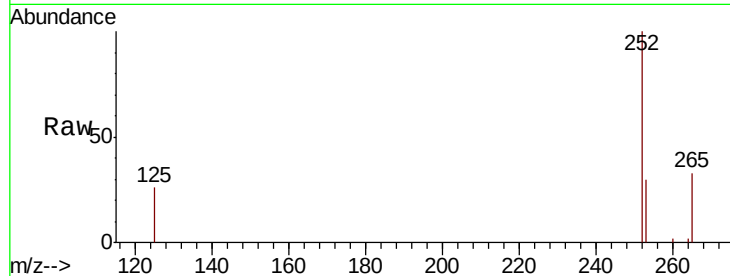
ClientSampleId :

C0C71

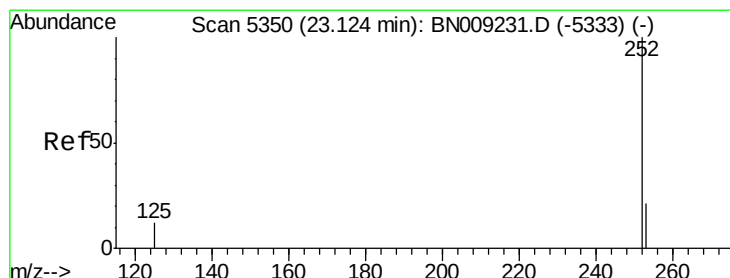
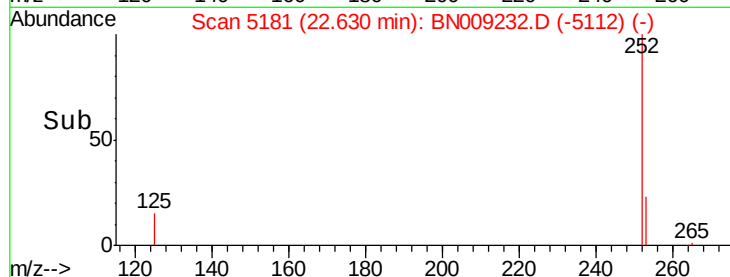
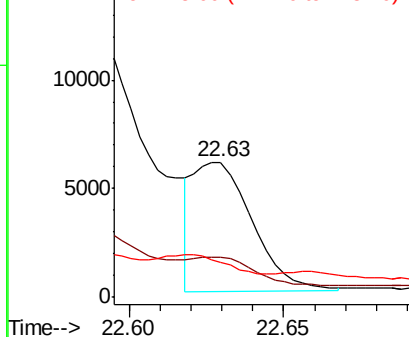
Tot Ion:	252	Resp:	7826
Ion Ratio	Lower	Upper	
252	100		
253	30.1	19.4	29.0#
125	25.8	12.4	18.6#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 23.12 min Scan# 5350

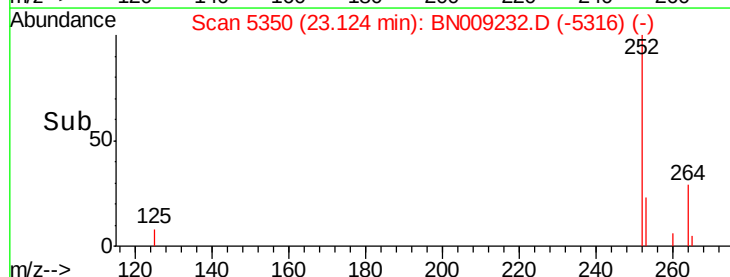
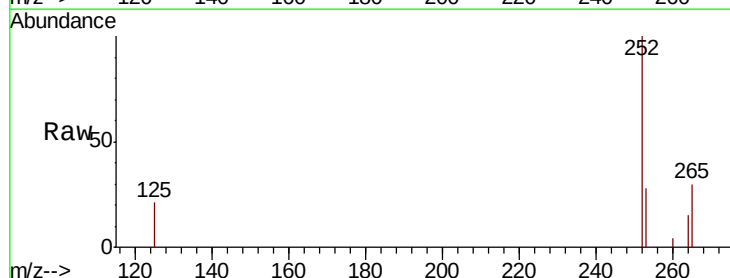
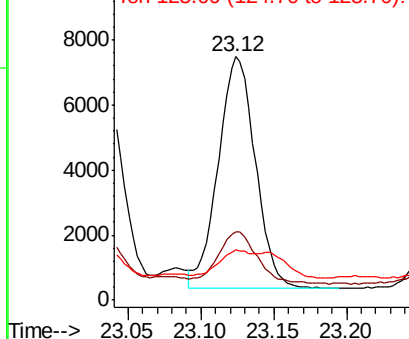
Delta R.T. 0.00 min

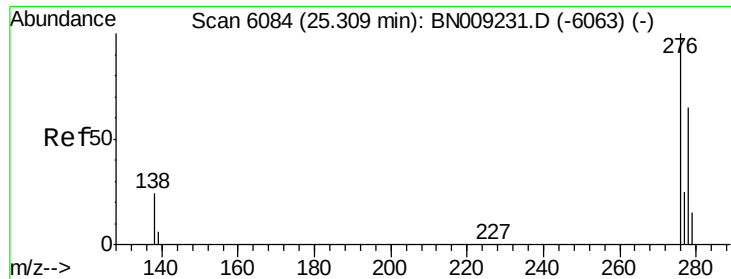
Lab File: BN009232.D

Acq: 28 Dec 2019 17:29

Tgt Ion:	252	Resp:	12590
Ion Ratio	Lower	Upper	
252	100		
253	27.9	20.2	30.4
125	20.5	13.2	19.8#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





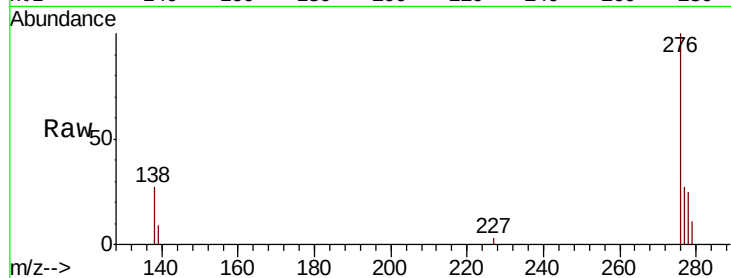
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.308 ng/ul
 RT: 25.31 min Scan# 6084
 Delta R.T. 0.00 min
 Lab File: BN009232.D
 Acq: 28 Dec 2019 17:29

Instrument :
 BNA_N
 ClientSampleId :
 C0C71

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	22.4	33.6#
227	0.3	0.2	0.4

Manual Integrations
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mohammad
 12/29/2019 5:32:43 PM

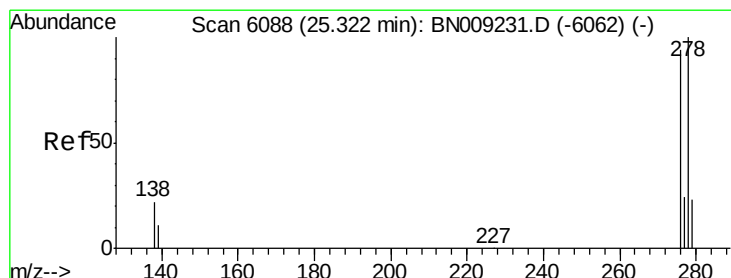
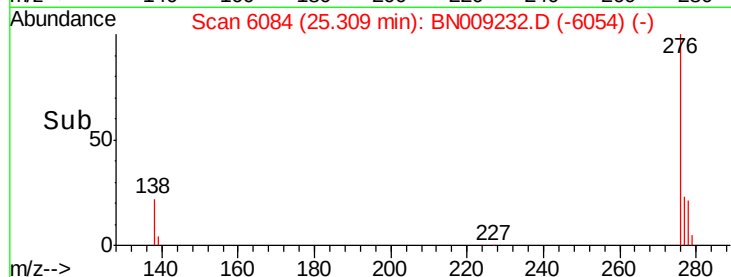
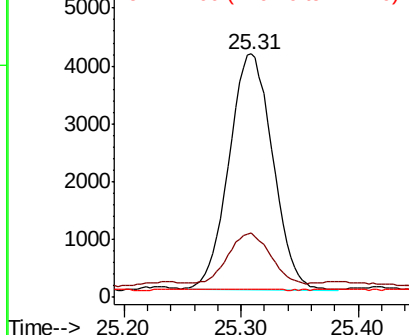


Abundance

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: 0.108 ng/ul
 RT: 25.32 min Scan# 6086
 Delta R.T. -0.01 min
 Lab File: BN009232.D
 Acq: 28 Dec 2019 17:29

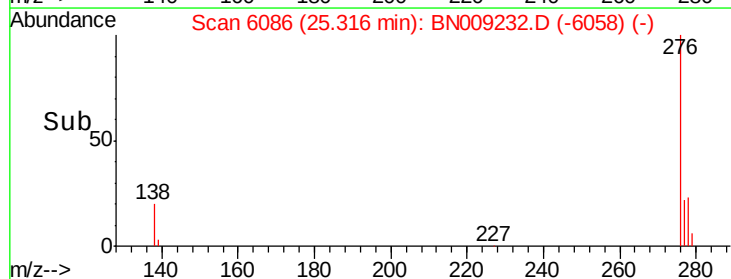
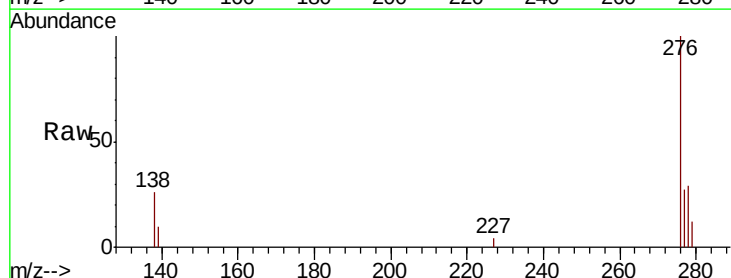
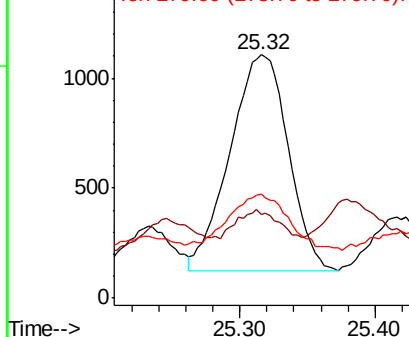
Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.2	16.2	24.2#
279	42.8	20.3	30.5#

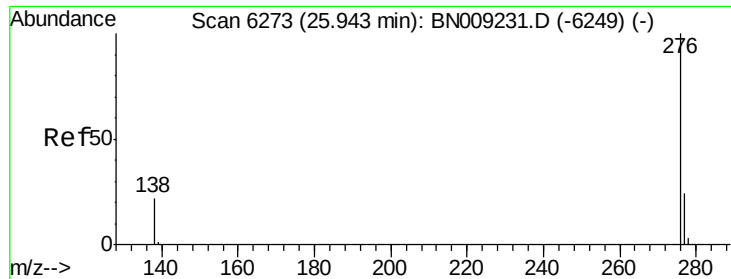
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

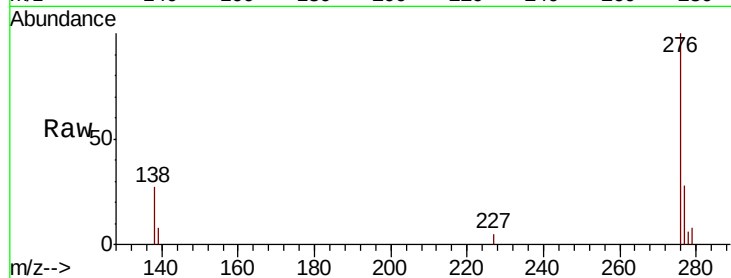
Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(a,h,i)perylene
 Concen: 0.275 ng/ul
 RT: 25.94 min Scan# 6273
 Delta R.T. 0.00 min
 Lab File: BN009232.D
 Acq: 28 Dec 2019 17:29

Instrument :
 BNA_N
 ClientSampleId :
 C0C71



Tot Ion:	276	Resp:	7952
Ion Ratio	Lower	Upper	
276	100		
138	27.4	20.6	30.8
277	27.8	19.6	29.4

Manual Integrations
 APPROVED

mohammad
 12/29/2019 5:32:43 PM

