

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009248.D
 Acq On : 29 Dec 2019 03:04
 Operator : JU
 Sample : K6278-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C68

Manual Integrations
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mohammad
 12/29/2019 5:33:41 PM

Quant Time: Dec 29 06:04:00 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	2508	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	9056	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4785	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9663m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	7666	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7843	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	3250	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	6201	0.22	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.31	128	4669	0.170	ng/ul	96
5) 2-Methylnaphthalene	11.93	142	2496	0.120	ng/ul	100
7) Acenaphthylene	13.85	152	4343	0.173	ng/ul	95
8) Acenaphthene	14.20	153	651	0.033	ng/ul	95
9) Fluorene	15.19	166	1637	0.070	ng/ul#	96
12) Phenanthrene	16.93	178	19501	0.580	ng/ul	99
13) Anthracene	17.02	178	5423	0.180	ng/ul	97
15) Fluoranthene	18.95	202	39676	1.032	ng/ul	99
17) Pyrene	19.31	202	32110	0.821	ng/ul	98
18) Benzo(a)anthracene	21.07	228	17712	0.520	ng/ul	94
19) Chrysene	21.12	228	16856m	0.493	ng/ul	
21) Benzo(b)fluoranthene	22.58	252	22010m	0.601	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	8144m	0.221	ng/ul	
23) Benzo(a)pyrene	23.12	252	14352	0.447	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.30	276	10100	0.289	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.30	278	2621	0.094	ng/ul#	63
26) Benzo(a,h,i)perylene	25.93	276	10094	0.343	ng/ul	98

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

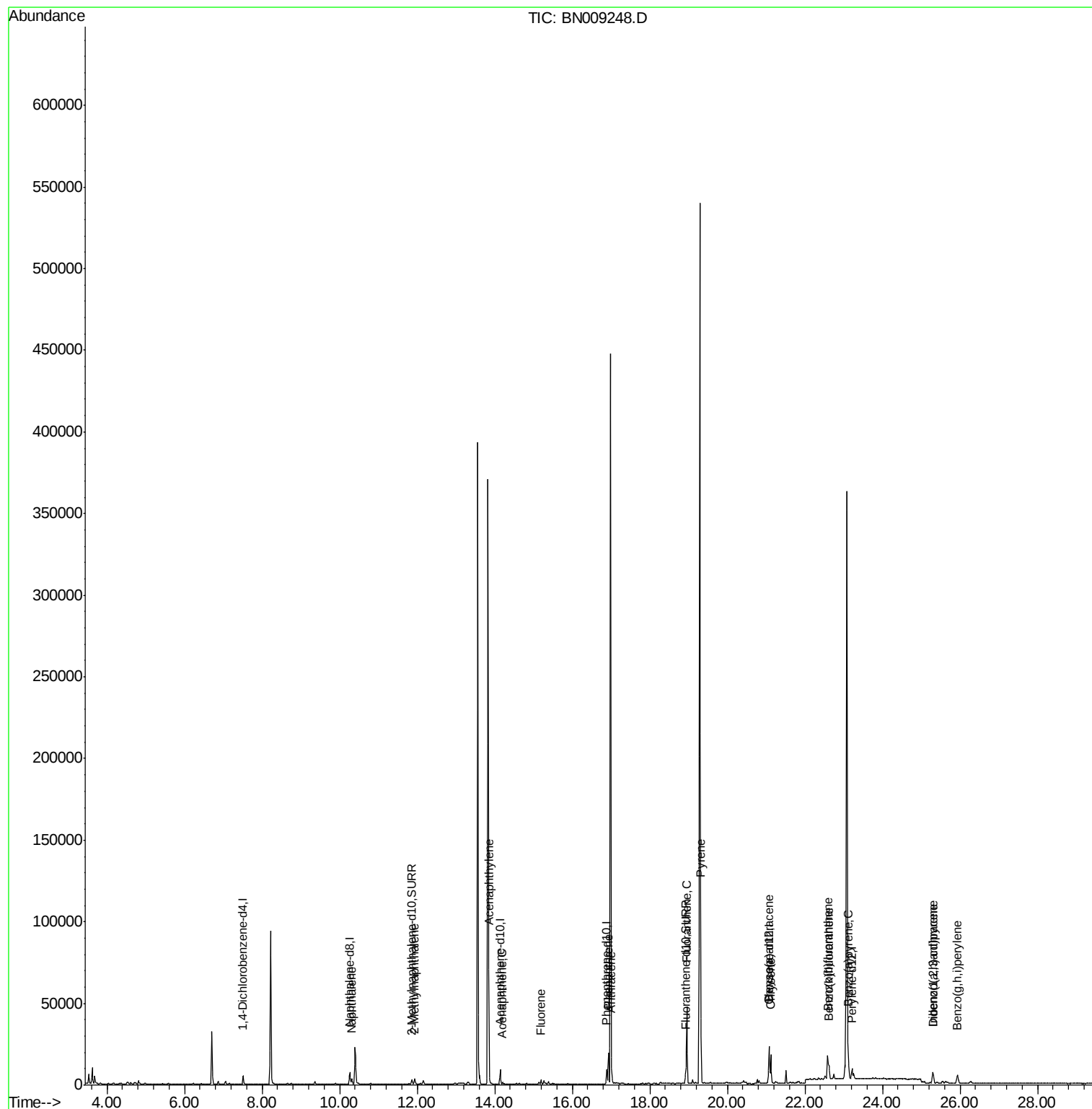
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
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ALS Vial : 31 Sample Multiplier: 1

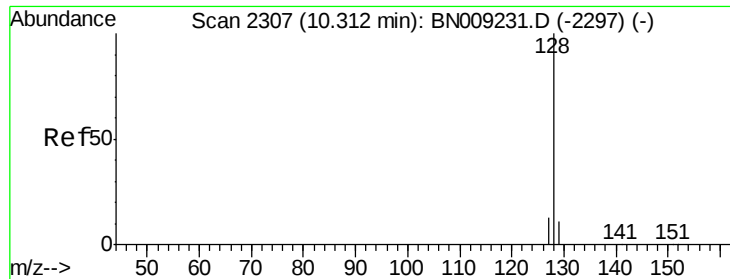
Instrument :
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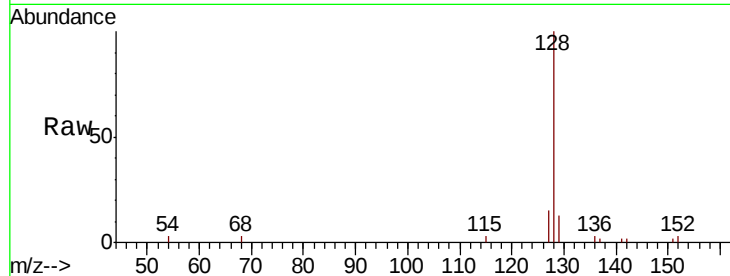
#3
Naphthalene
Concen: 0.170 ng/ul
RT: 10.31 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BN009248.D
Acq: 29 Dec 2019 03:04

Instrument :
BNA_N
ClientSampleId :
C0C68

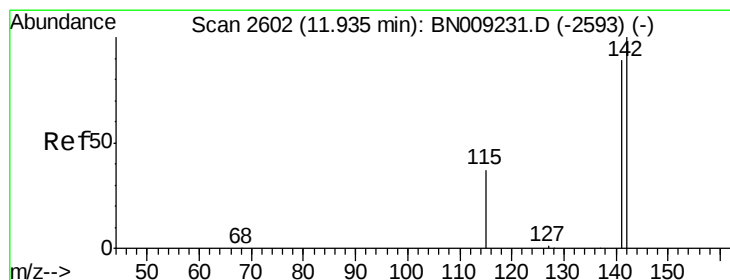
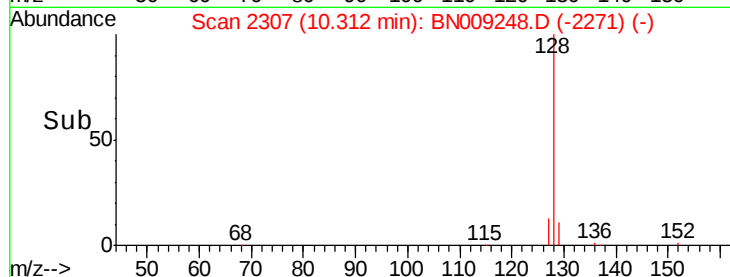
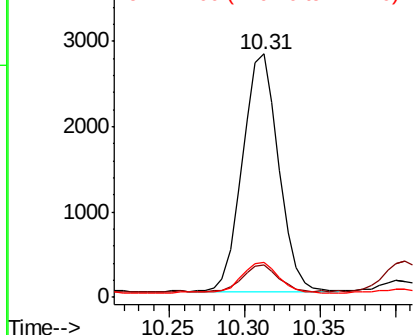
Tot Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.0	13.4
127	14.5	10.9	16.3

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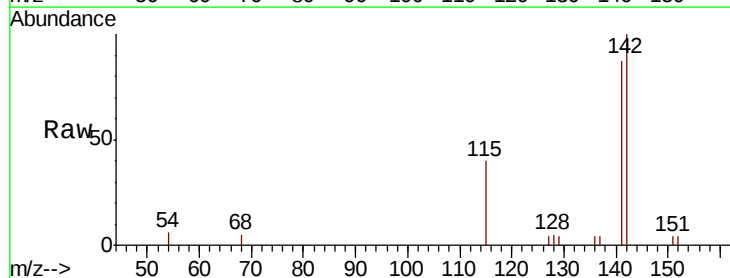


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

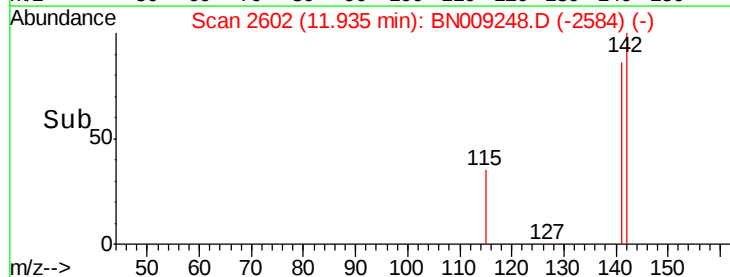
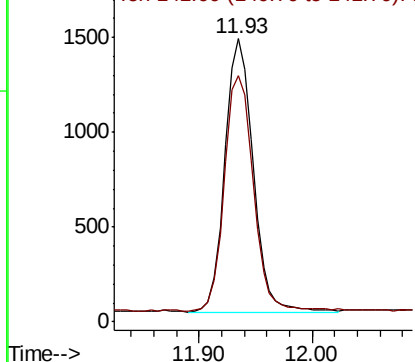


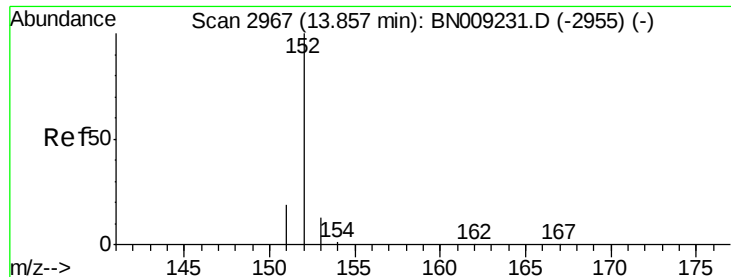
#5
2-Methylnaphthalene
Concen: 0.120 ng/ul
RT: 11.93 min Scan# 2602
Delta R.T. 0.00 min
Lab File: BN009248.D
Acq: 29 Dec 2019 03:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.2	105.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.173 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BN009248.D

Acq: 29 Dec 2019 03:04

Instrument :

BNA_N

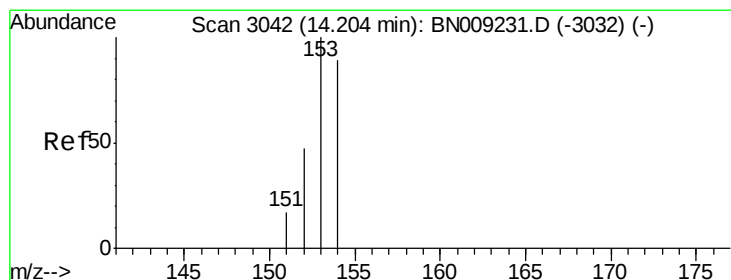
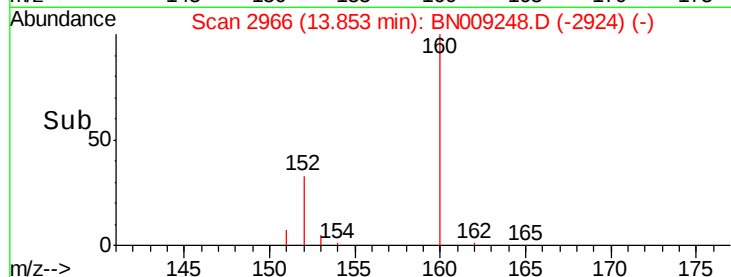
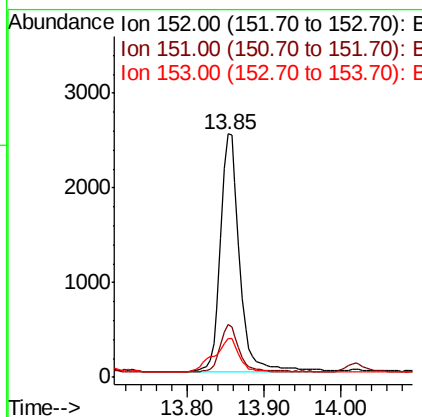
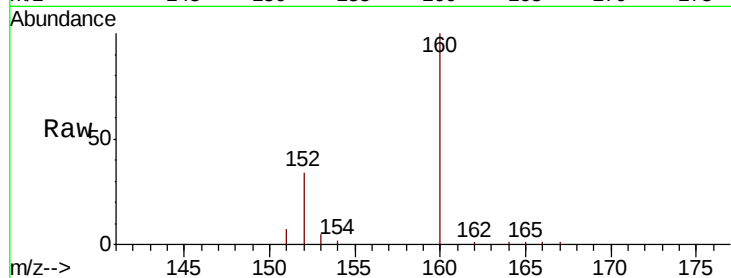
ClientSampleId :

C0C68

Tot Ion:	152	Resp:	4343
Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.7	23.5
153	16.1	10.8	16.2

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#8

Acenaphthene

Concen: 0.033 ng/ul

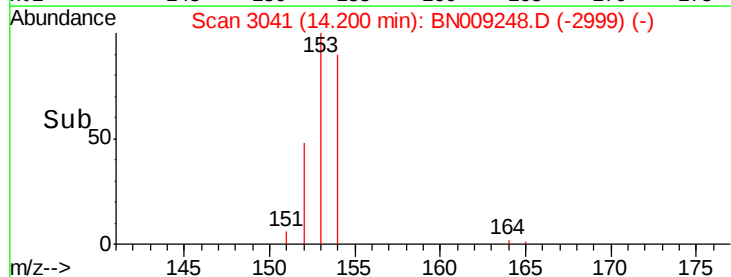
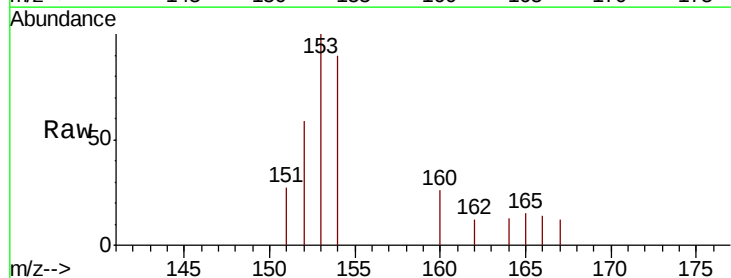
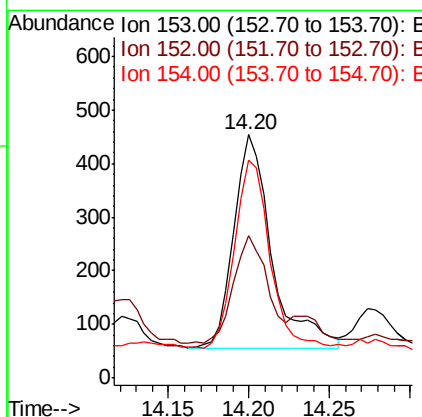
RT: 14.20 min Scan# 3041

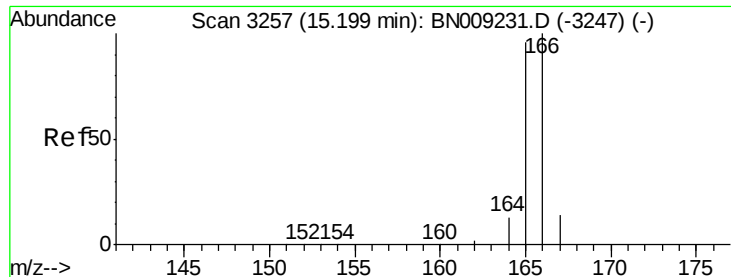
Delta R.T. -0.00 min

Lab File: BN009248.D

Acq: 29 Dec 2019 03:04

Tgt Ion:	153	Resp:	651
Ion	Ratio	Lower	Upper
153	100		
152	58.6	39.5	59.3
154	89.6	71.3	106.9





#9

Fluorene

Concen: 0.070 ng/ul

RT: 15.19 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BN009248.D

Acq: 29 Dec 2019 03:04

Instrument :

BNA_N

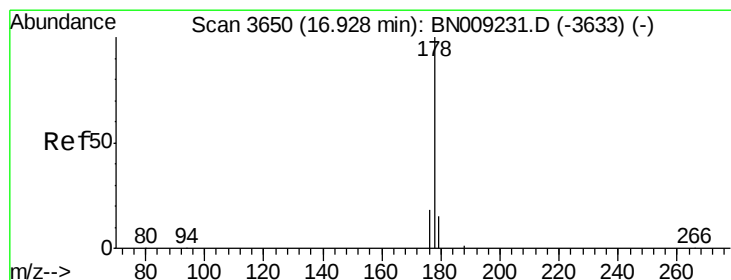
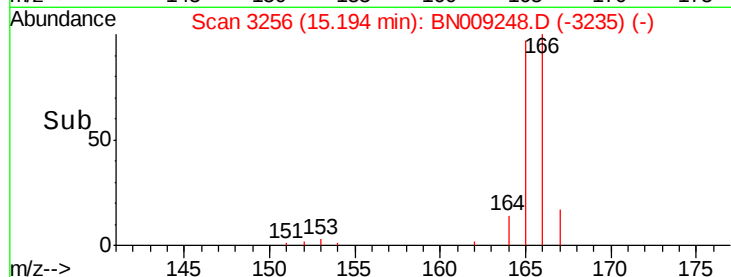
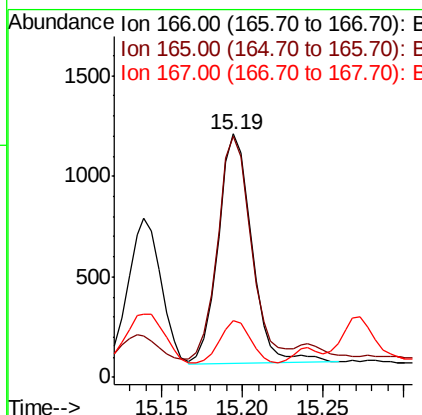
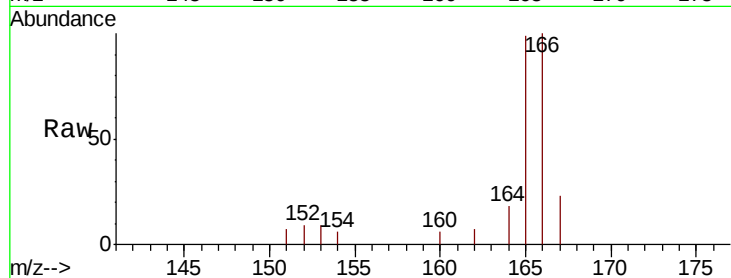
ClientSampleId :

C0C68

Tot Ion:	166	Resp:	1637
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.2	117.4
167	23.4	11.0	16.6#

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#12

Phenanthrene

Concen: 0.580 ng/ul

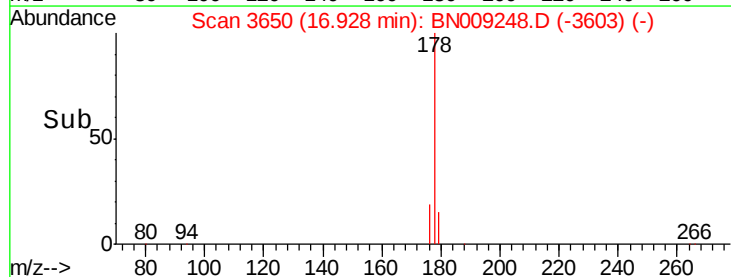
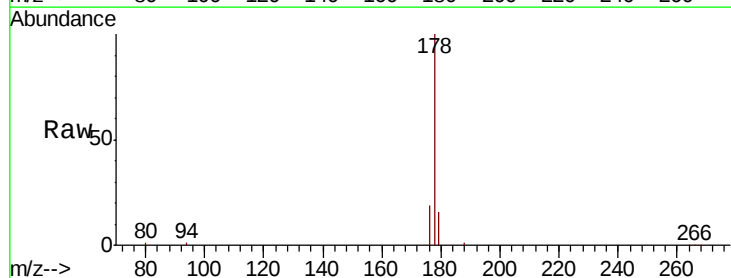
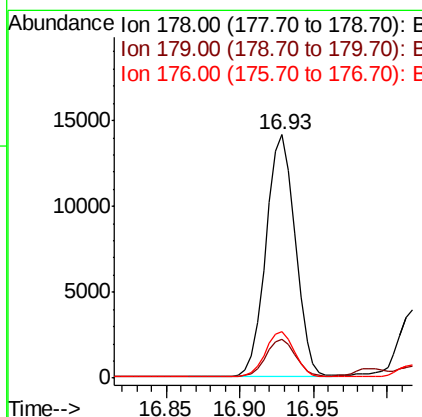
RT: 16.93 min Scan# 3650

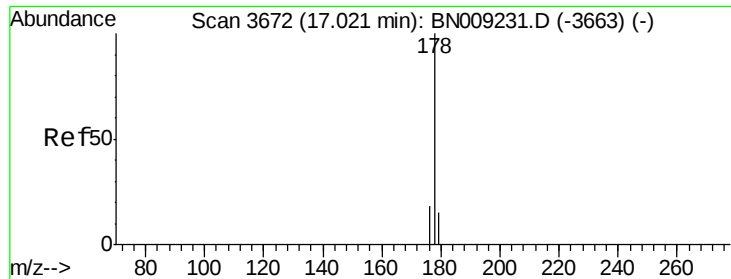
Delta R.T. 0.00 min

Lab File: BN009248.D

Acq: 29 Dec 2019 03:04

Tgt Ion:	178	Resp:	19501
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.3	18.5
176	19.2	15.1	22.7





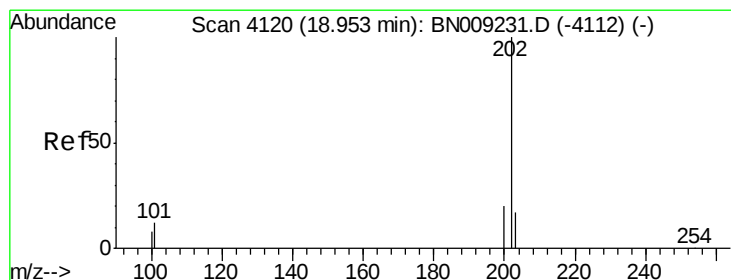
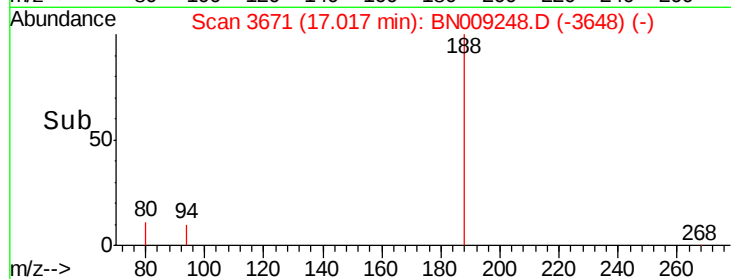
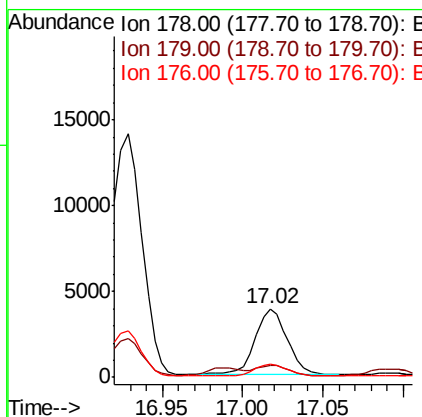
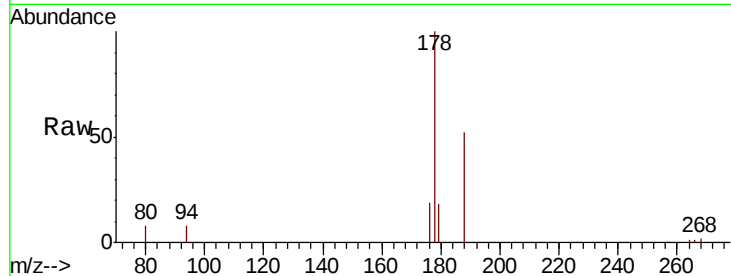
#13
 Anthracene
 Concen: 0.180 ng/ul
 RT: 17.02 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BN009248.D
 Acq: 29 Dec 2019 03:04

Instrument :
 BNA_N
 ClientSampleId :
 C0C68

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.5	18.7
176	19.3	14.9	22.3

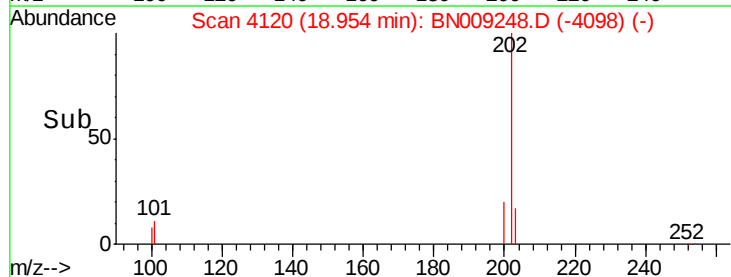
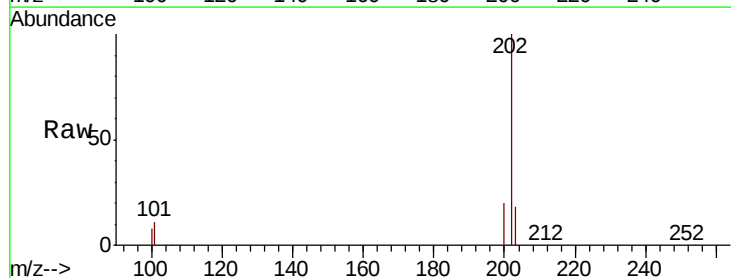
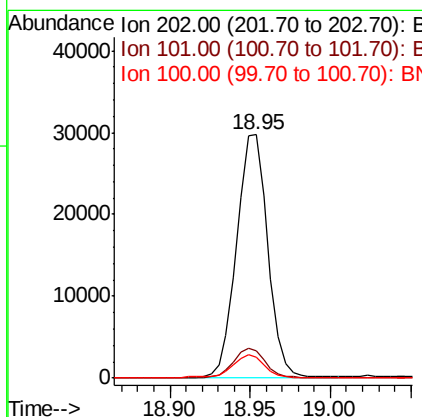
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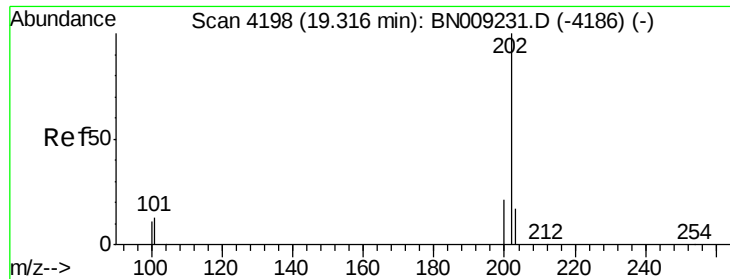
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#15
 Fluoranthene
 Concen: 1.032 ng/ul
 RT: 18.95 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: BN009248.D
 Acq: 29 Dec 2019 03:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.5
100	8.5	0.0	28.9





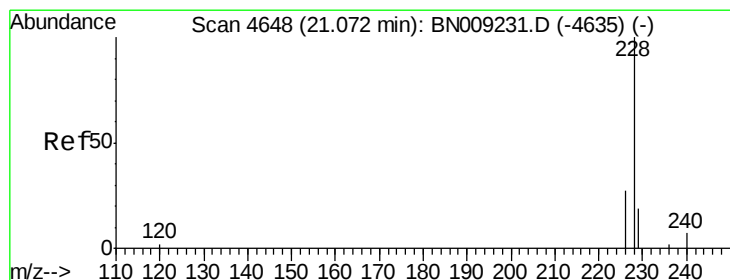
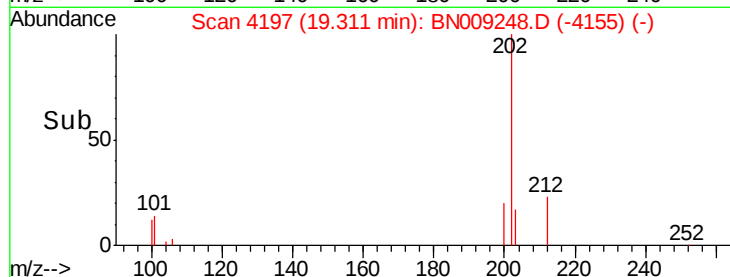
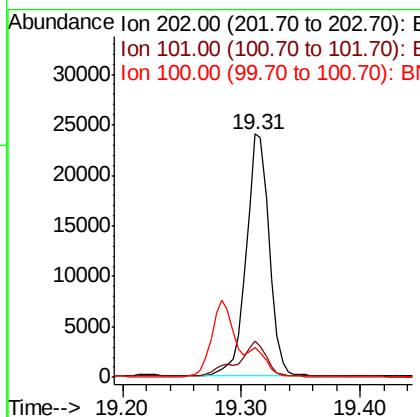
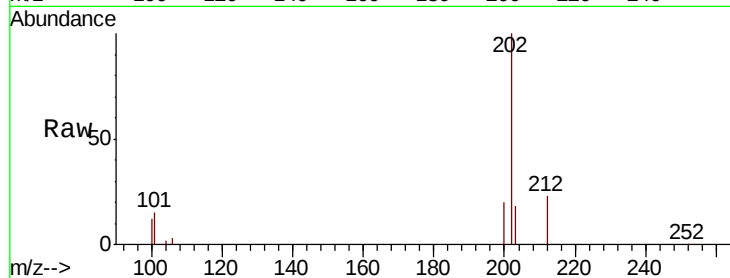
#17
Pvrene
Concen: 0.821 ng/ul
RT: 19.31 min Scan# 4197
Delta R.T. -0.00 min
Lab File: BN009248.D
Acq: 29 Dec 2019 03:04

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.9	16.3
100	12.0	9.0	13.6

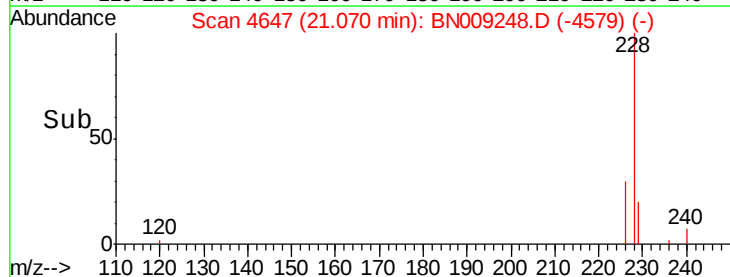
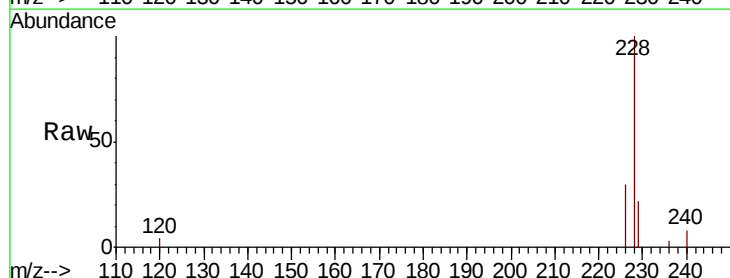
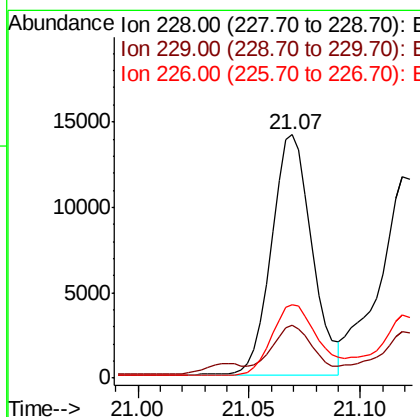
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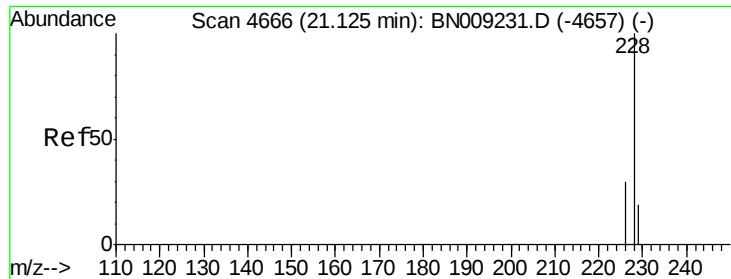
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#18
Benzo(a)anthracene
Concen: 0.520 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. -0.00 min
Lab File: BN009248.D
Acq: 29 Dec 2019 03:04

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.5	23.3
226	30.4	21.7	32.5





#19

Chrysene

Concen: 0.493 ng/ul m

RT: 21.12 min Scan# 4664

Delta R.T. -0.01 min

Lab File: BN009248.D

Acq: 29 Dec 2019 03:04

Instrument :

BNA_N

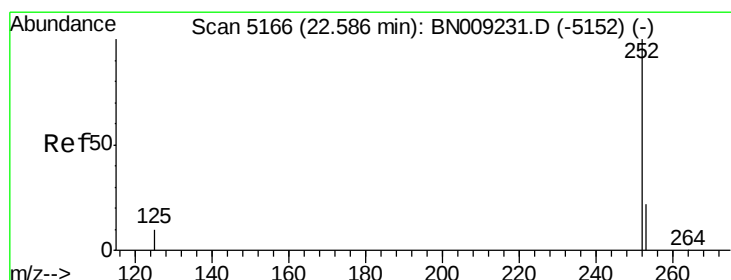
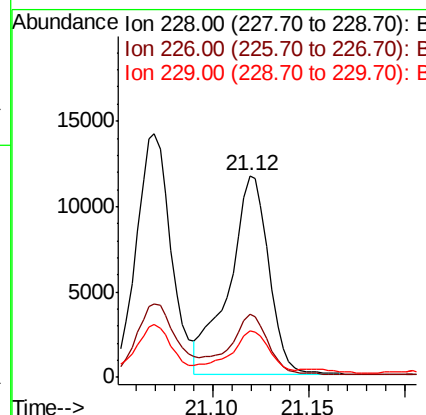
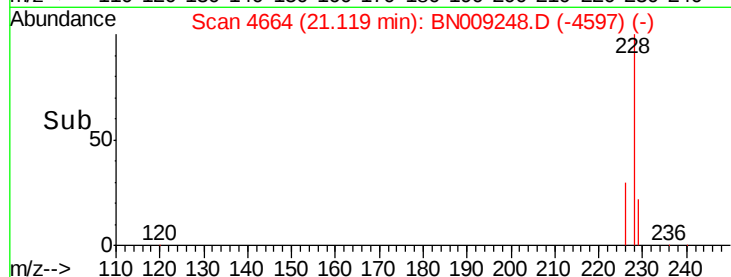
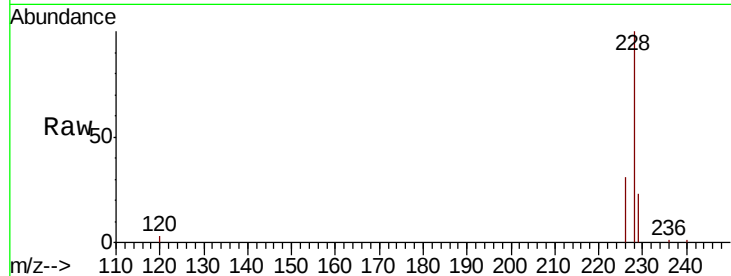
ClientSampleId :

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Tot Ion:	228	Resp:	16856
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.7	35.5
229	23.3	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 0.601 ng/ul m

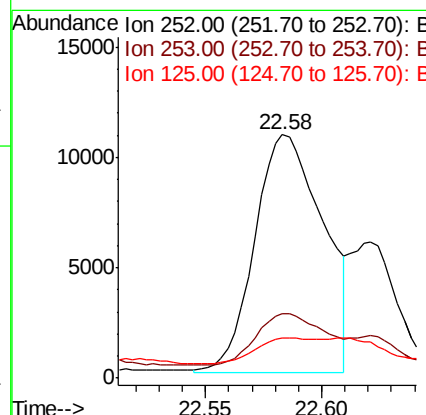
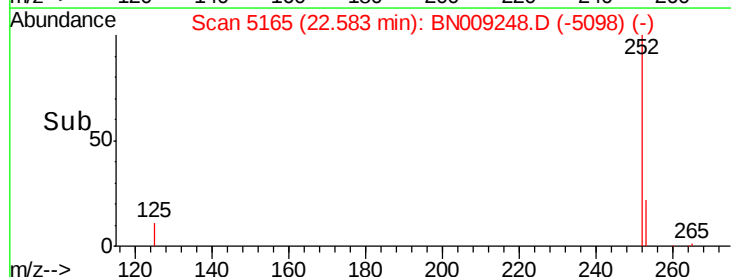
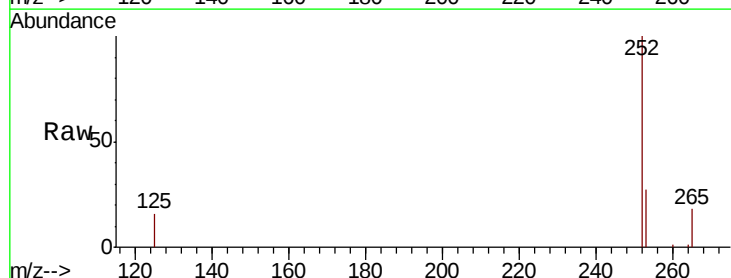
RT: 22.58 min Scan# 5165

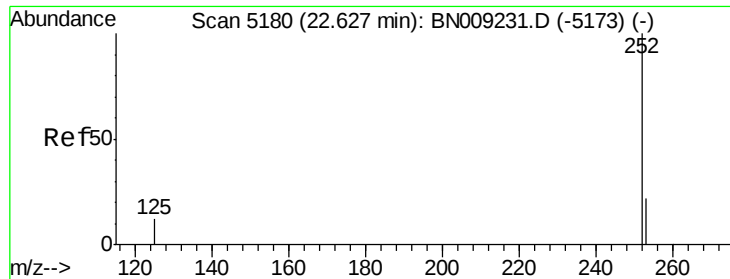
Delta R.T. -0.00 min

Lab File: BN009248.D

Acq: 29 Dec 2019 03:04

Tgt Ion:	252	Resp:	22010
Ion Ratio	Lower	Upper	
252	100		
253	26.6	0.0	48.2
125	16.5	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.221 ng/ul m

RT: 22.62 min Scan# 5178

Delta R.T. -0.01 min

Lab File: BN009248.D

Acq: 29 Dec 2019 03:04

Instrument :

BNA_N

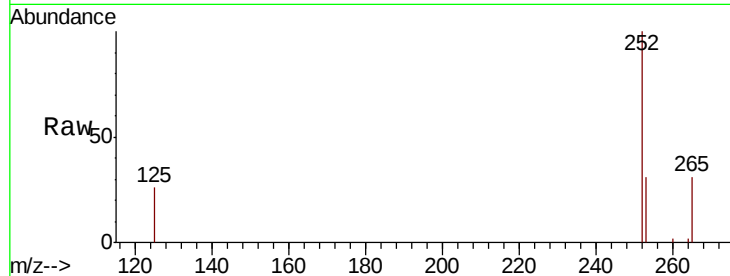
ClientSampled :

C0C68

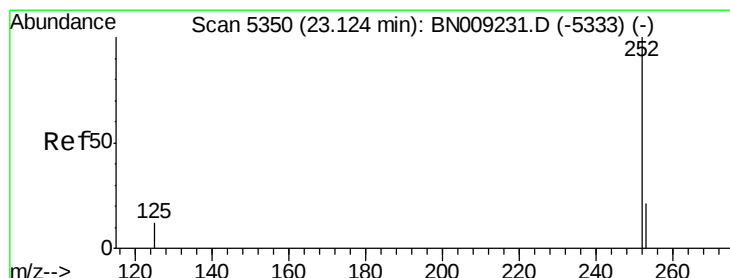
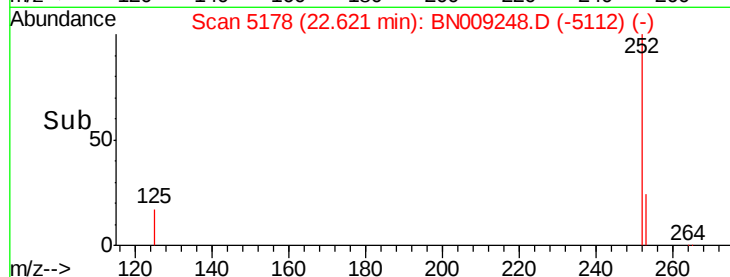
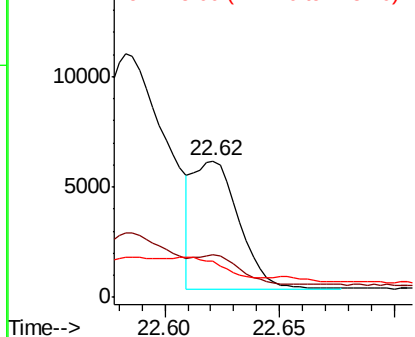
Tot Ion:	252	Resp:	8144
Ion Ratio	Lower	Upper	
252	100		
253	31.1	19.4	29.0#
125	26.2	12.4	18.6#

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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: 0.447 ng/ul

RT: 23.12 min Scan# 5348

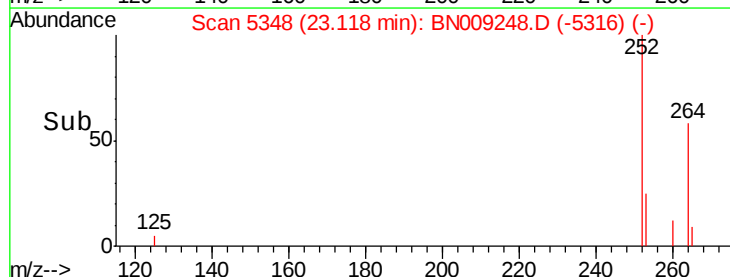
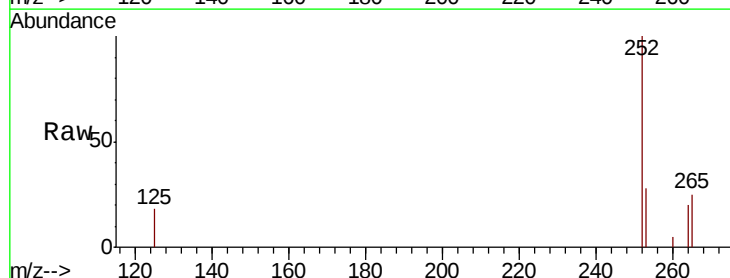
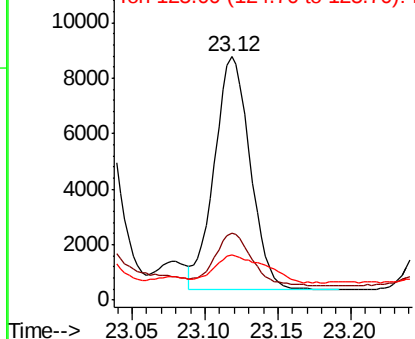
Delta R.T. -0.01 min

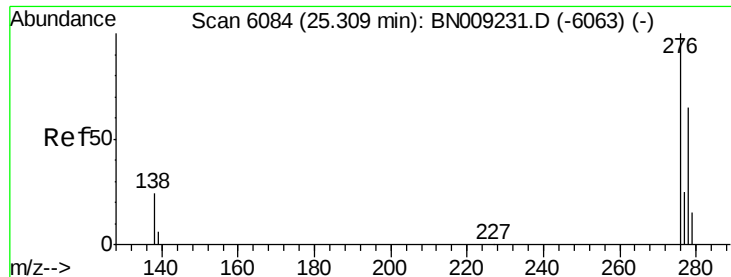
Lab File: BN009248.D

Acq: 29 Dec 2019 03:04

Tgt Ion:	252	Resp:	14352
Ion Ratio	Lower	Upper	
252	100		
253	27.6	20.2	30.4
125	18.5	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





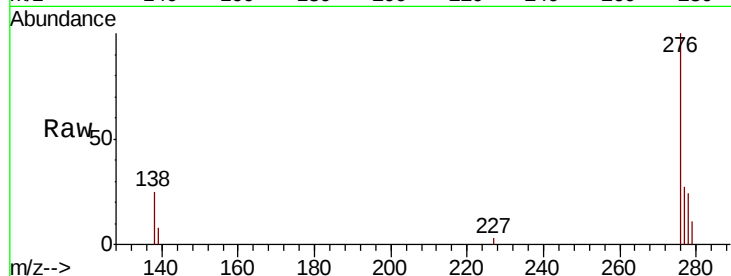
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.289 ng/ul
RT: 25.30 min Scan# 6082
Delta R.T. -0.01 min
Lab File: BN009248.D
Acq: 29 Dec 2019 03:04

Instrument :
BNA_N
ClientSampleId :
C0C68

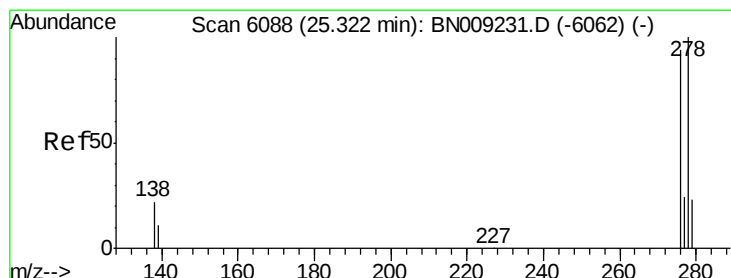
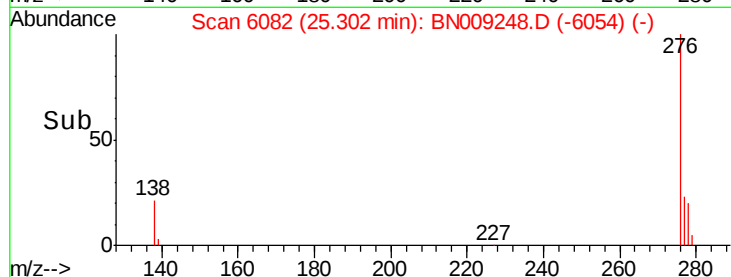
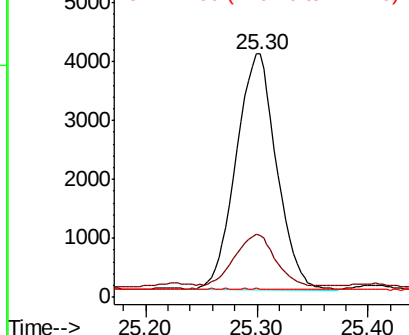
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.4	33.6#
227	0.1	0.2	0.4#

Manual Integrations
APPROVED

mohammad
12/29/2019 5:33:41 PM



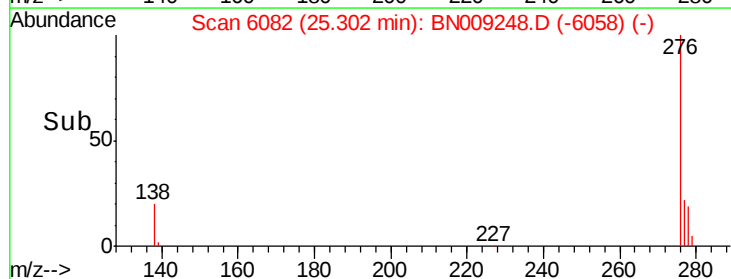
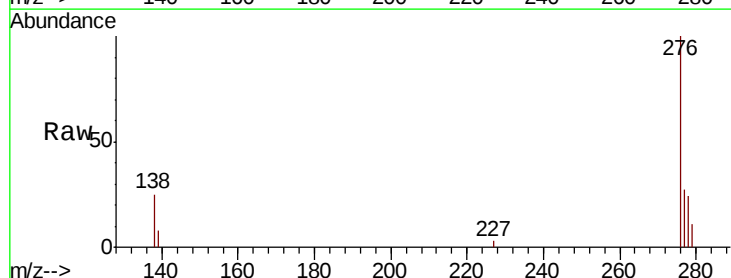
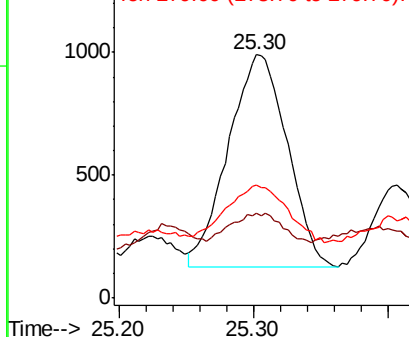
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

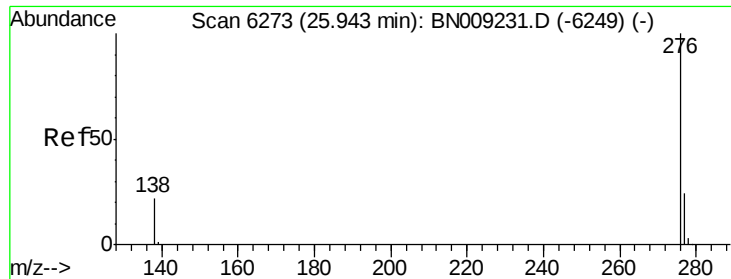


#25
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul
RT: 25.30 min Scan# 6082
Delta R.T. -0.02 min
Lab File: BN009248.D
Acq: 29 Dec 2019 03:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.7	16.2	24.2#
279	46.2	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: 0.343 ng/ul
 RT: 25.93 min Scan# 6269
 Delta R.T. -0.01 min
 Lab File: BN009248.D
 Acq: 29 Dec 2019 03:04

Instrument :
 BNA_N
 ClientSampleId :
 C0C68

Tot Ion:	276	Resp:	10094
Ion Ratio	Lower	Upper	
276	100		
138	26.3	20.6	30.8
277	26.3	19.6	29.4

Manual Integrations
 APPROVED

mohammad
 12/29/2019 5:33:41 PM

