

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009067.D
 Acq On : 20 Dec 2019 14:30
 Operator : JU
 Sample : K6171-03DL 2X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BS2DL

Manual Integrations
 APPROVED

mohammad
 12/23/2019 8:02:24 AM

Quant Time: Dec 20 15:33:45 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 : Thu Dec 19 15:54:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3133	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	12093	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	6423	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	12512	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	6855	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	6671	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	1806	0.08	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	3261	0.09	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.34	128	816	0.022	ng/ul#	81
5) 2-Methylnaphthalene	11.96	142	649	0.023	ng/ul	98
7) Acenaphthylene	13.88	152	1311	0.039	ng/ul#	88
9) Fluorene	15.22	166	1328	0.042	ng/ul#	98
12) Phenanthrene	16.95	178	26980	0.620	ng/ul	100
13) Anthracene	17.04	178	4004	0.103	ng/ul	96
15) Fluoranthene	18.98	202	55999	1.125	ng/ul	97
17) Pyrene	19.34	202	43520	1.244	ng/ul	99
18) Benzo(a)anthracene	21.10	228	17288	0.568	ng/ul	98
19) Chrysene	21.15	228	19145	0.626	ng/ul	97
21) Benzo(b)fluoranthene	22.63	252	24524m	0.787	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	8899m	0.283	ng/ul	
23) Benzo(a)pyrene	23.16	252	16062	0.588	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.35	276	12162	0.409	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.36	278	2711	0.115	ng/ul#	68
26) Benzo(a,h,i)perylene	25.99	276	12101	0.483	ng/ul	97

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

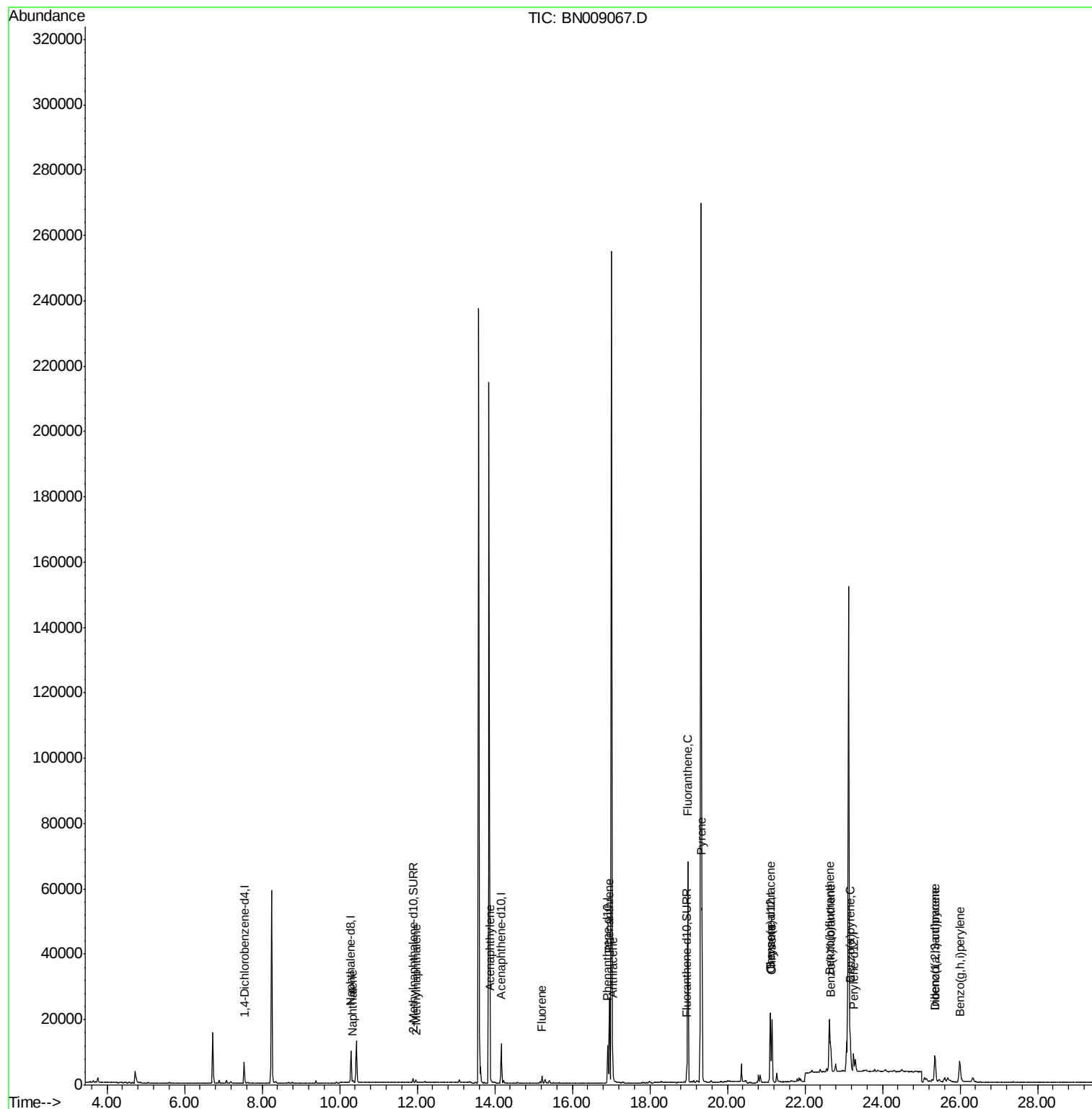
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
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ALS Vial : 39 Sample Multiplier: 1

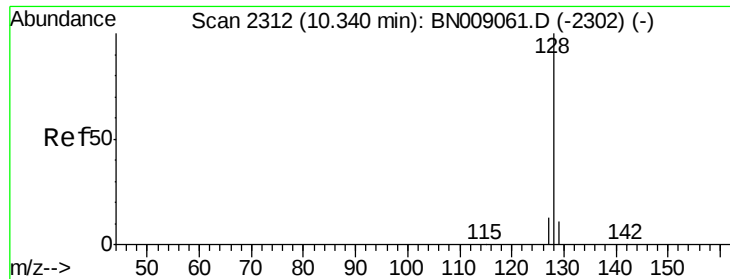
Instrument :
BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
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QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.34 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BN009067.D

Acq: 20 Dec 2019 14:30

Instrument :

BNA_N

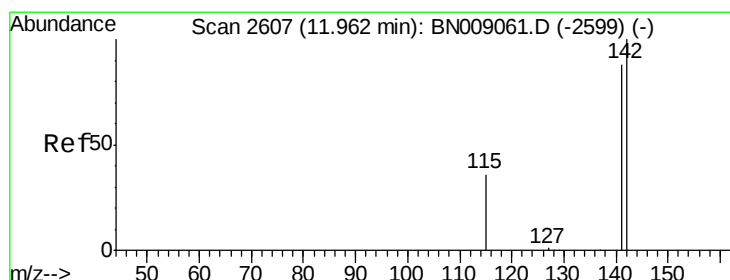
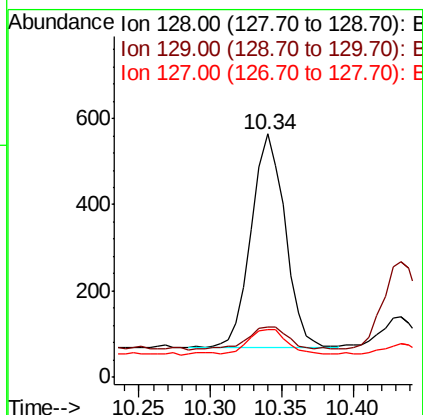
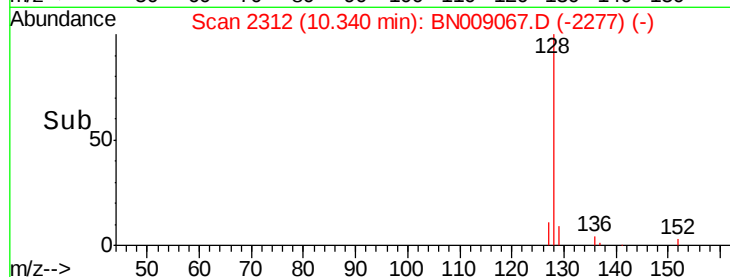
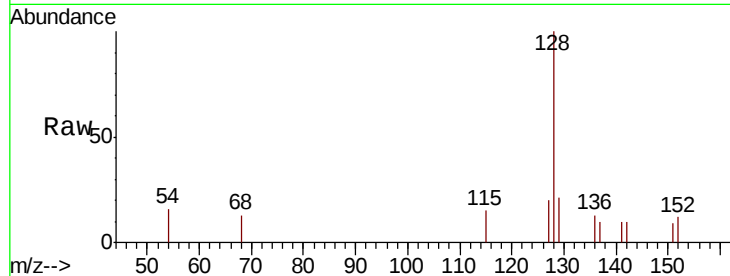
ClientSampleId :

C0BS2DL

Tot Ion:	128	Resp:	816
Ion Ratio	Lower	Upper	
128	100		
129	20.6	9.0	13.4#
127	19.5	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.023 ng/ul

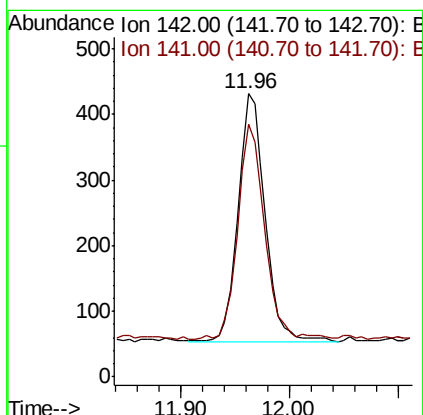
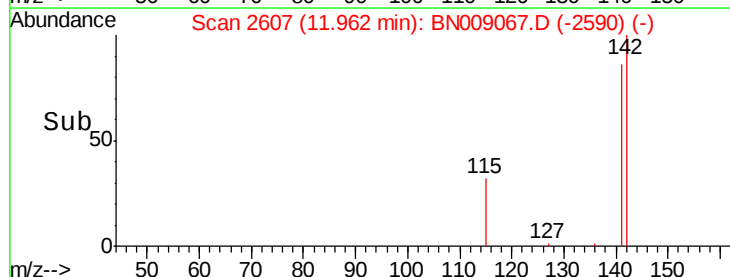
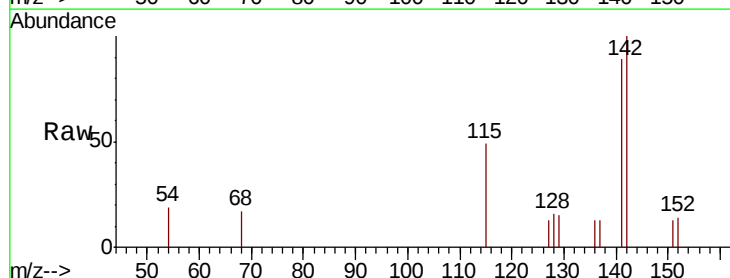
RT: 11.96 min Scan# 2607

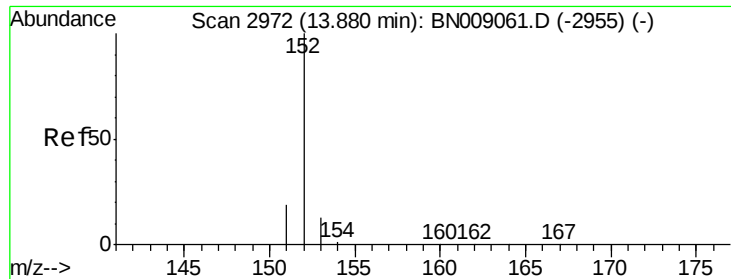
Delta R.T. -0.01 min

Lab File: BN009067.D

Acq: 20 Dec 2019 14:30

Tgt Ion:	142	Resp:	649
Ion Ratio	Lower	Upper	
142	100		
141	86.3	70.2	105.4





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 13.88 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BN009067.D

Acq: 20 Dec 2019 14:30

Instrument :

BNA_N

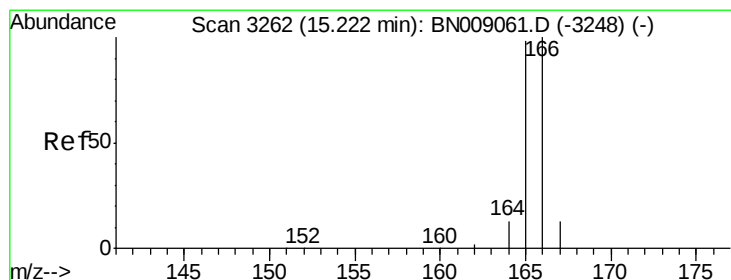
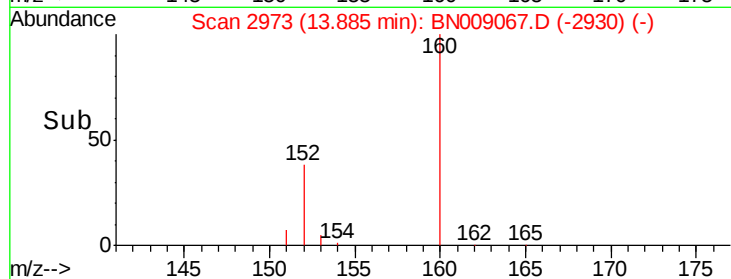
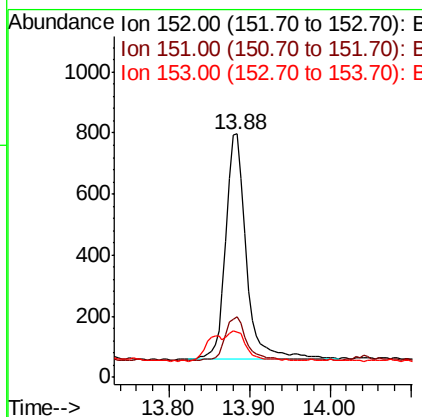
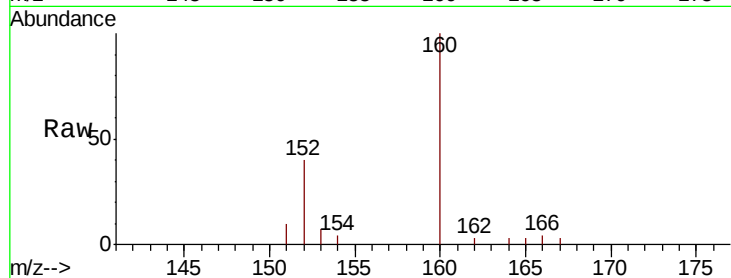
ClientSampled :

C0BS2DL

Tot Ion:	152	Resp:	1311
Ion Ratio	Lower	Upper	
152	100		
151	25.1	15.7	23.5#
153	18.7	10.8	16.2#

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#9

Fluorene

Concen: 0.042 ng/ul

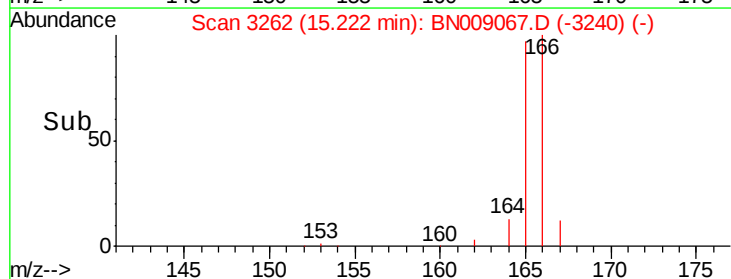
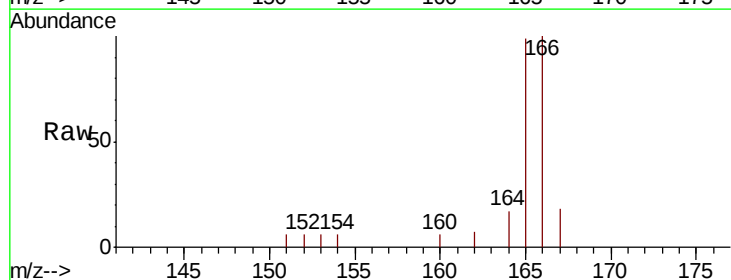
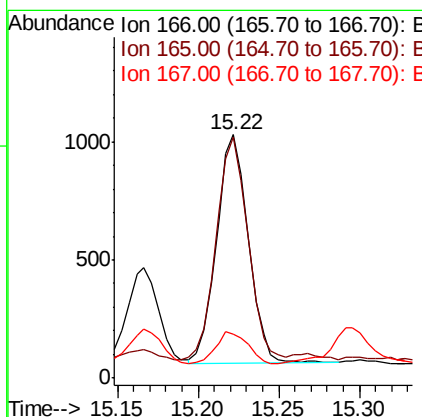
RT: 15.22 min Scan# 3262

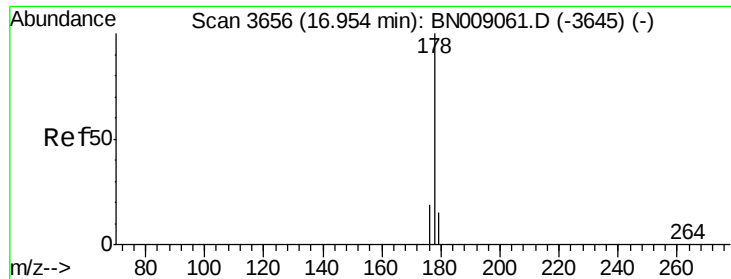
Delta R.T. 0.00 min

Lab File: BN009067.D

Acq: 20 Dec 2019 14:30

Tgt Ion:	166	Resp:	1328
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.2	117.4
167	18.1	11.0	16.6#





#12

Phenanthrene

Concen: 0.620 ng/ul

RT: 16.95 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BN009067.D

Acq: 20 Dec 2019 14:30

Instrument :

BNA_N

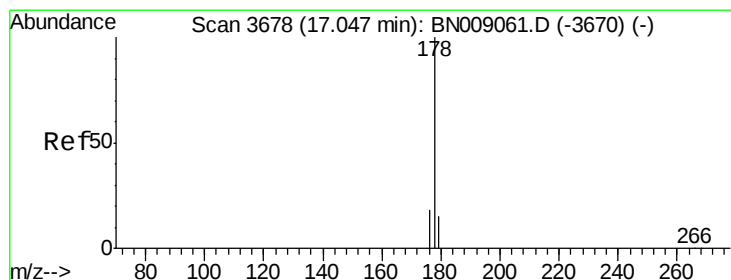
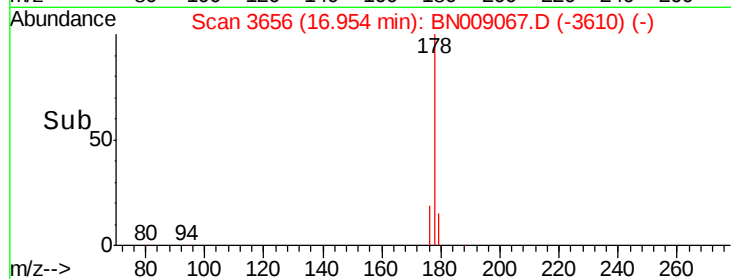
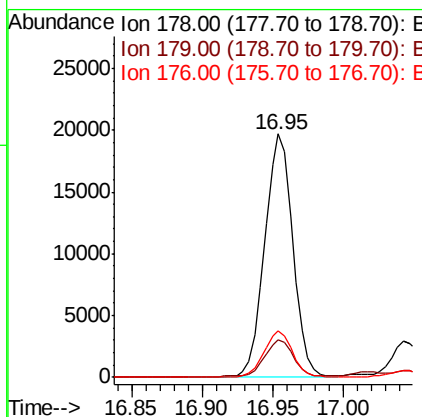
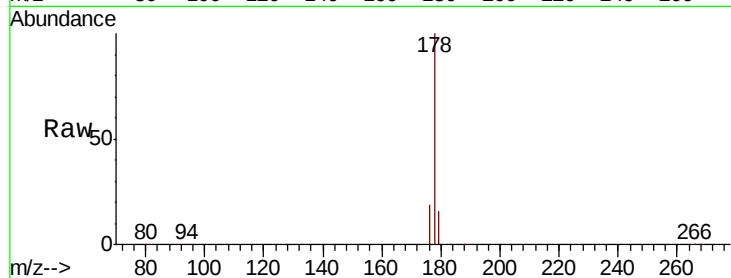
ClientSampleId :

C0BS2DL

Tot Ion:	178	Resp:	26980
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	19.0	15.1	22.7

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#13

Anthracene

Concen: 0.103 ng/ul

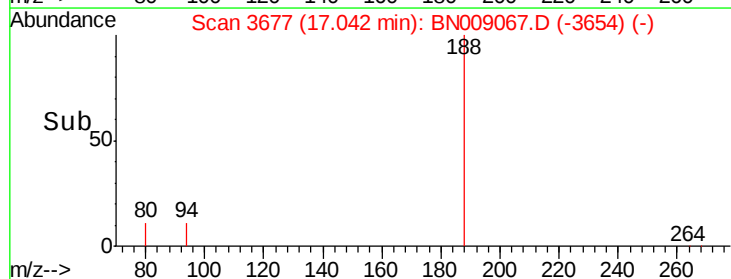
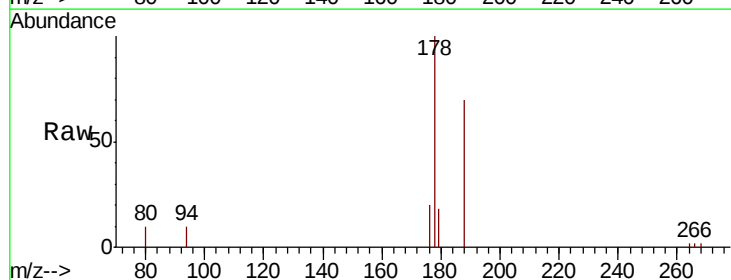
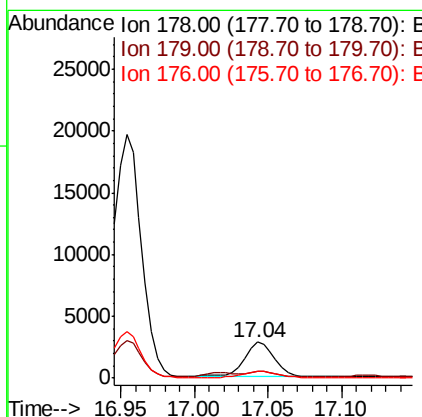
RT: 17.04 min Scan# 3677

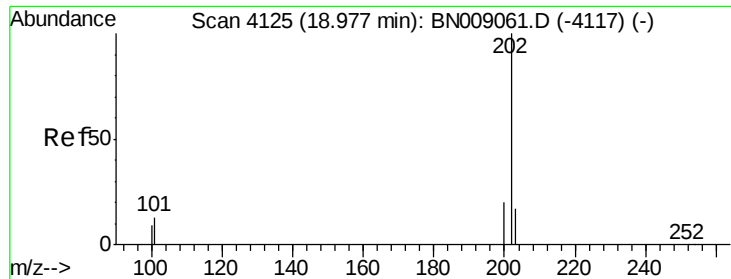
Delta R.T. -0.00 min

Lab File: BN009067.D

Acq: 20 Dec 2019 14:30

Tgt Ion:	178	Resp:	4004
Ion Ratio	Lower	Upper	
178	100		
179	18.3	12.5	18.7
176	19.6	14.9	22.3





#15

Fluoranthene

Concen: 1.125 ng/ul

RT: 18.98 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BN009067.D

Acq: 20 Dec 2019 14:30

Instrument :

BNA_N

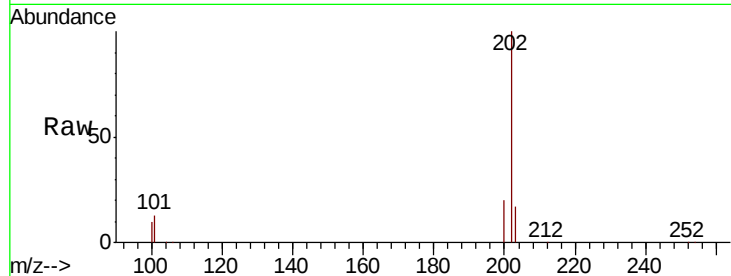
ClientSampleId :

C0BS2DL

Tot Ion:	202	Resp:	55999
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	31.5
100	9.7	0.0	28.9

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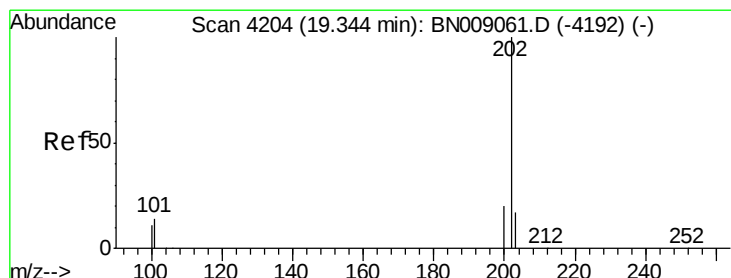
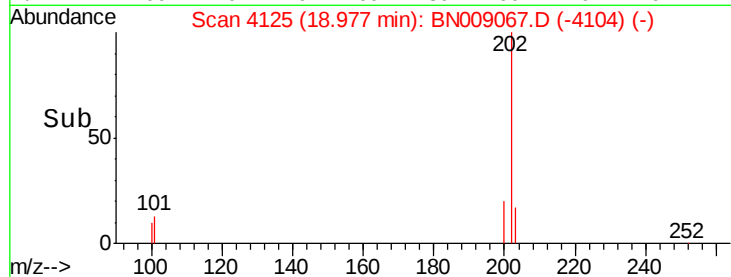
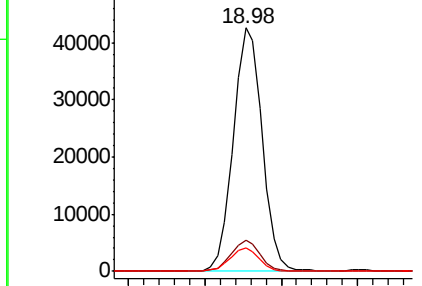
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 1.244 ng/ul

RT: 19.34 min Scan# 4204

Delta R.T. 0.00 min

Lab File: BN009067.D

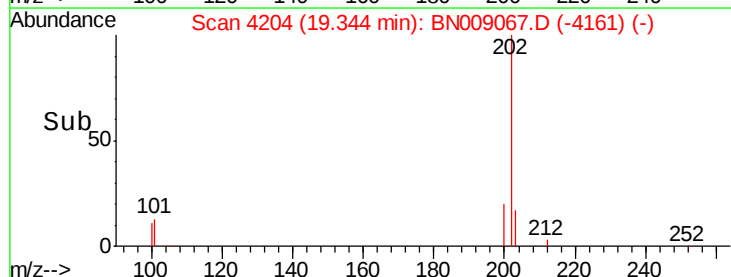
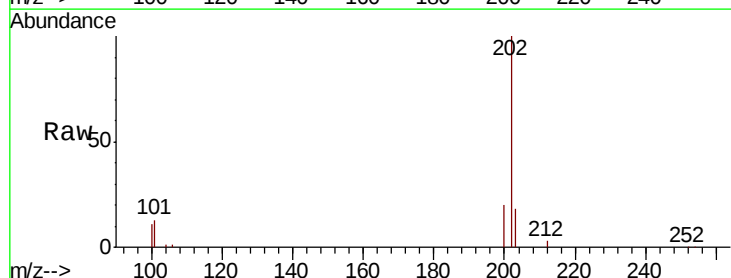
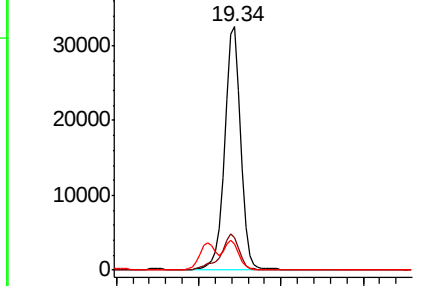
Acq: 20 Dec 2019 14:30

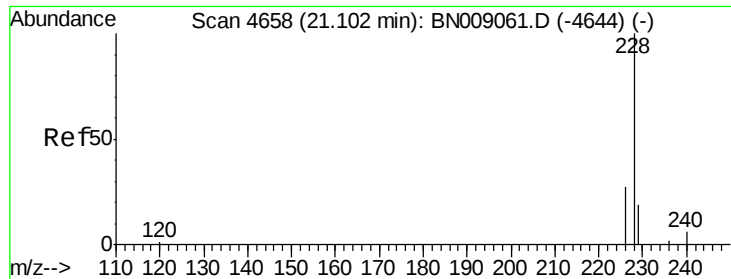
Tgt Ion:	202	Resp:	43520
Ion Ratio	Lower	Upper	
202	100		
101	13.5	10.9	16.3
100	10.7	9.0	13.6

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





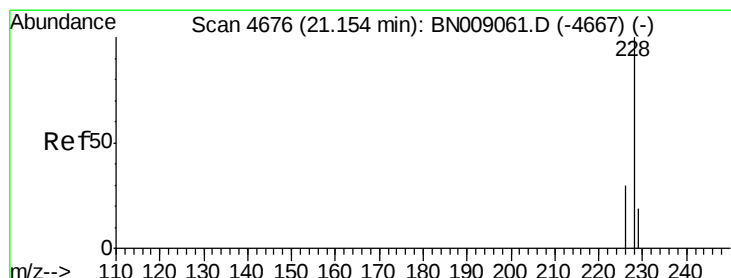
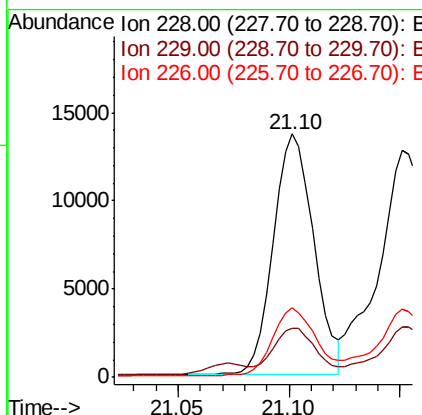
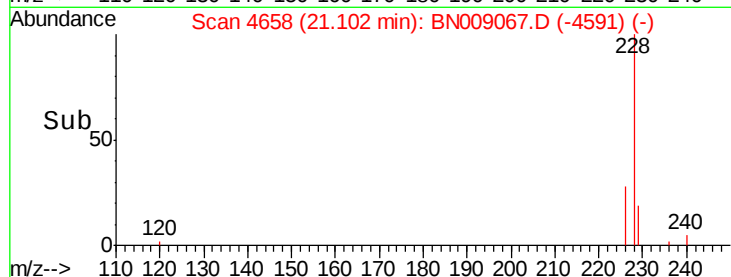
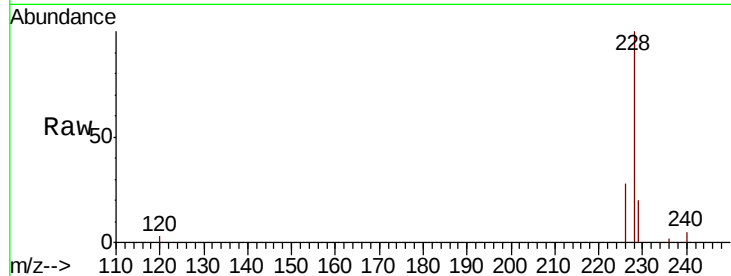
#18
Benzo(a)anthracene
Concen: 0.568 ng/ul
RT: 21.10 min Scan# 4658
Delta R.T. -0.00 min
Lab File: BN009067.D
Acq: 20 Dec 2019 14:30

Instrument :
BNA_N
ClientSampleId :
C0BS2DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.5	23.3
226	28.4	21.7	32.5

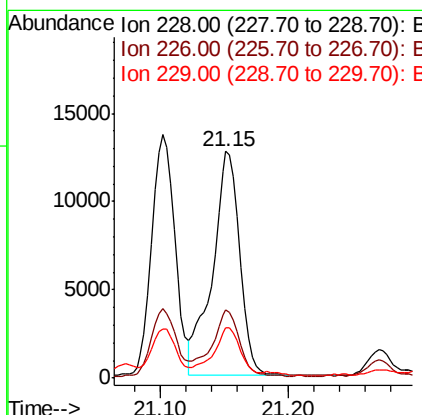
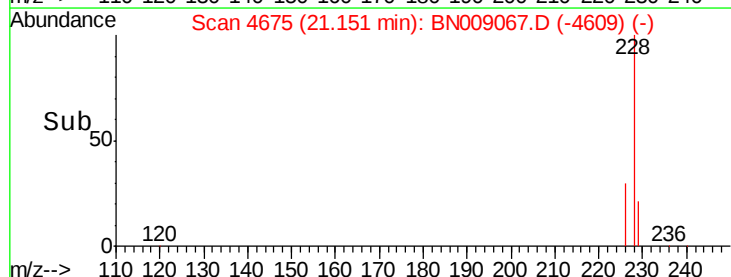
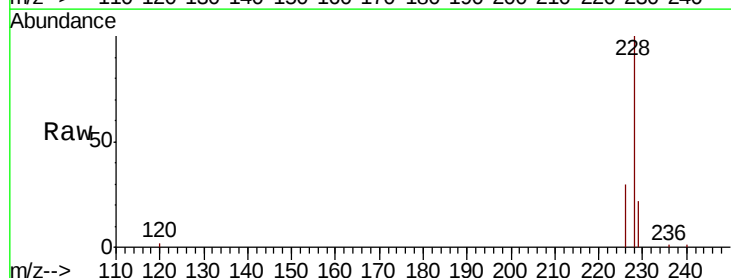
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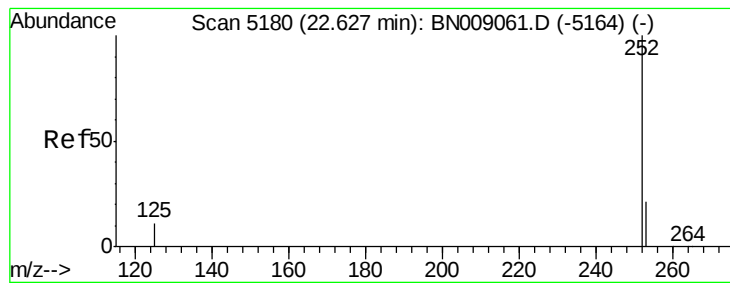
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#19
Chrysene
Concen: 0.626 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN009067.D
Acq: 20 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	22.1	15.4	23.0





#21

Benzo(b)fluoranthene

Concen: 0.787 ng/ul m

RT: 22.63 min Scan# 5181

Delta R.T. 0.00 min

Lab File: BN009067.D

Acq: 20 Dec 2019 14:30

Instrument :

BNA_N

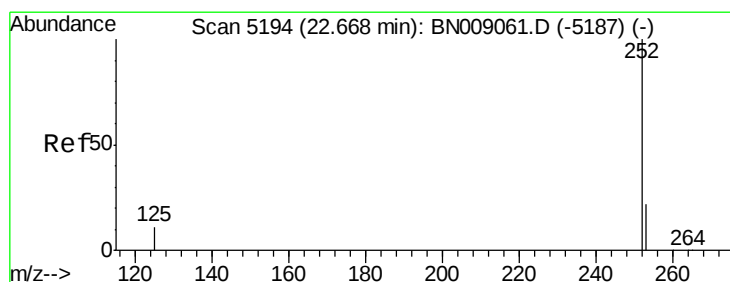
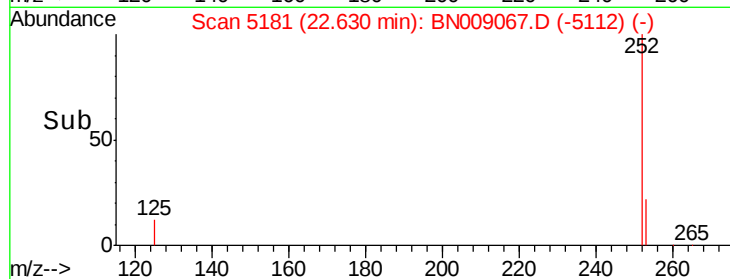
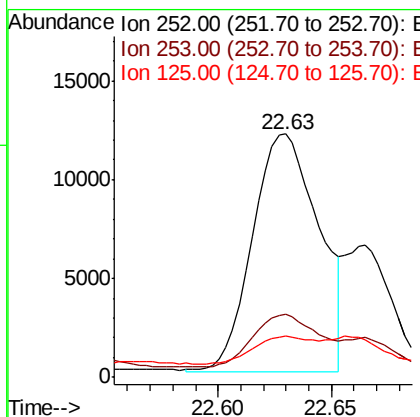
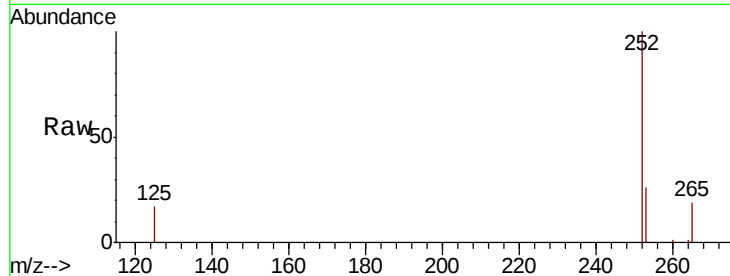
ClientSampleId :

C0BS2DL

Tot Ion:	252	Resp:	24524
Ion Ratio	Lower	Upper	
252	100		
253	25.8	0.0	48.2
125	16.7	0.0	30.0

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#22

Benzo(k)fluoranthene

Concen: 0.283 ng/ul m

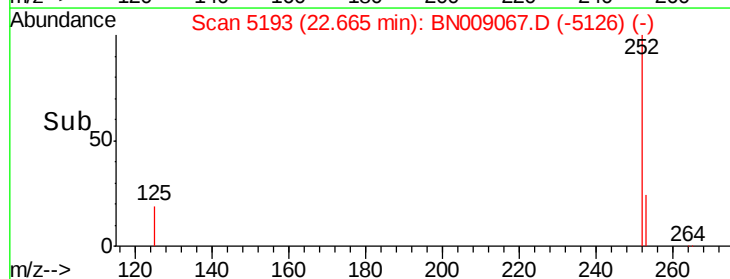
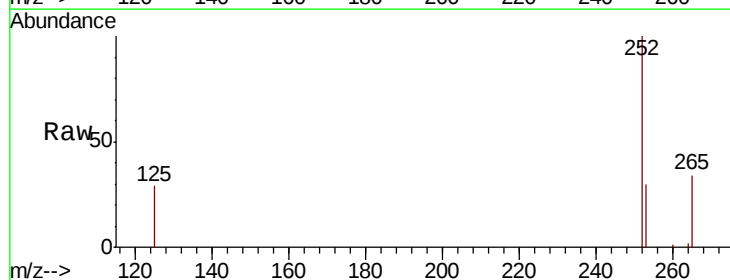
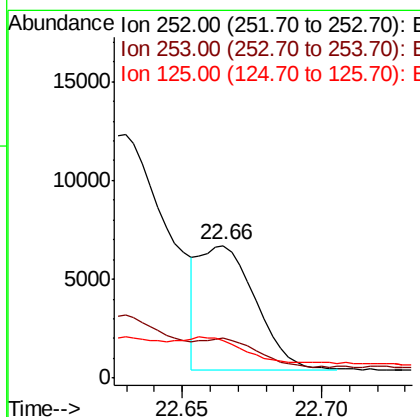
RT: 22.66 min Scan# 5193

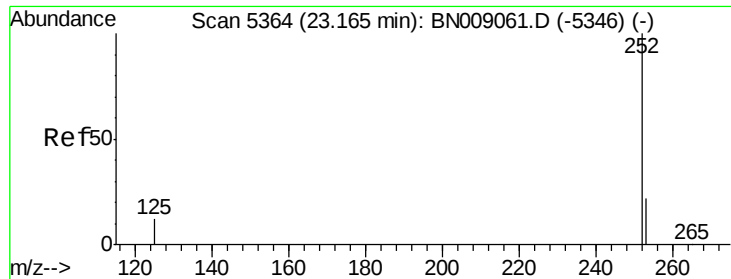
Delta R.T. -0.00 min

Lab File: BN009067.D

Acq: 20 Dec 2019 14:30

Tgt Ion:	252	Resp:	8899
Ion Ratio	Lower	Upper	
252	100		
253	30.1	19.4	29.0#
125	28.5	12.4	18.6#





#23

Benzo(a)pyrene

Concen: 0.588 ng/u1

RT: 23.16 min Scan# 5364

Delta R.T. 0.00 min

Lab File: BN009067.D

Acq: 20 Dec 2019 14:30

Instrument :

BNA_N

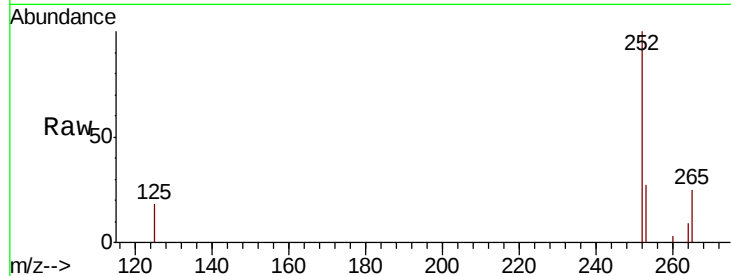
ClientSampleId :

C0BS2DL

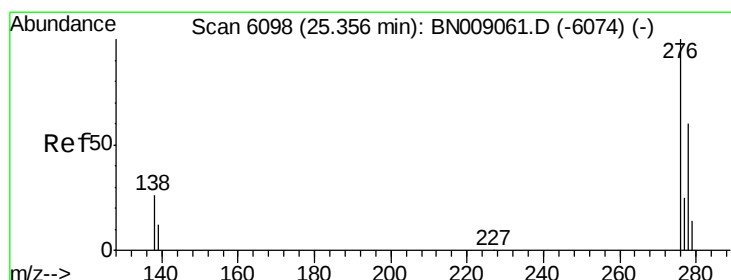
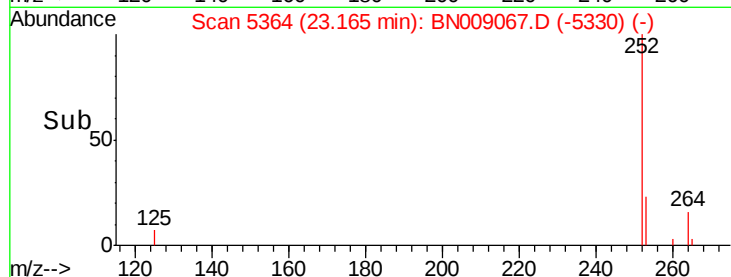
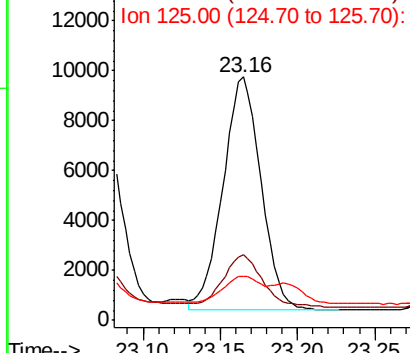
Tot Ion:	252	Resp:	16062
Ion Ratio	Lower	Upper	
252	100		
253	27.1	20.2	30.4
125	18.2	13.2	19.8

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.409 ng/u1

RT: 25.35 min Scan# 6097

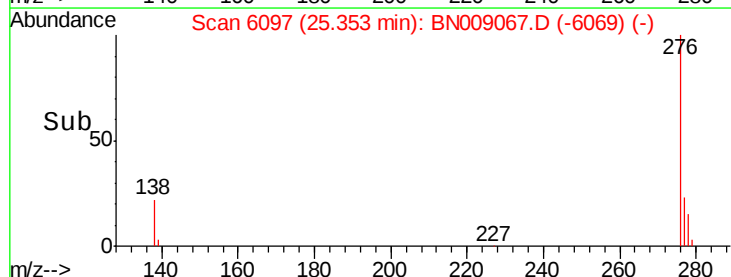
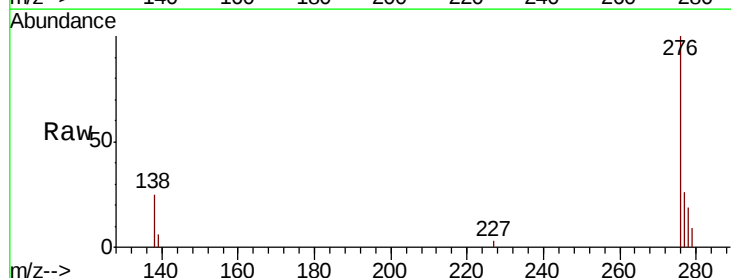
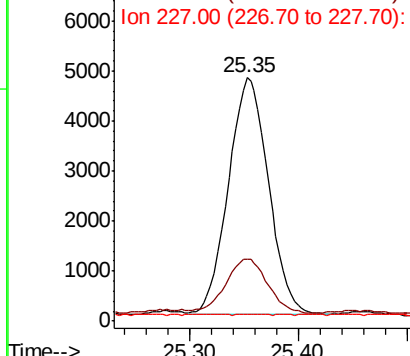
Delta R.T. -0.01 min

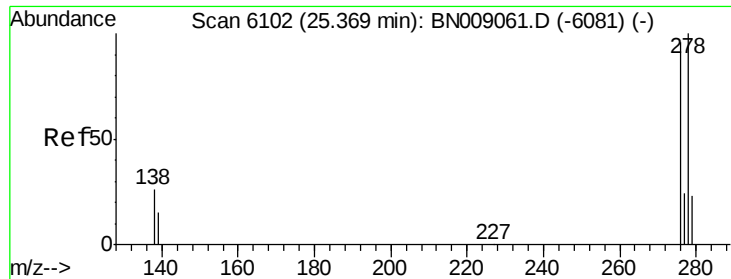
Lab File: BN009067.D

Acq: 20 Dec 2019 14:30

Tgt Ion:	276	Resp:	12162
Ion Ratio	Lower	Upper	
276	100		
138	23.4	22.4	33.6
227	0.2	0.2	0.4#

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





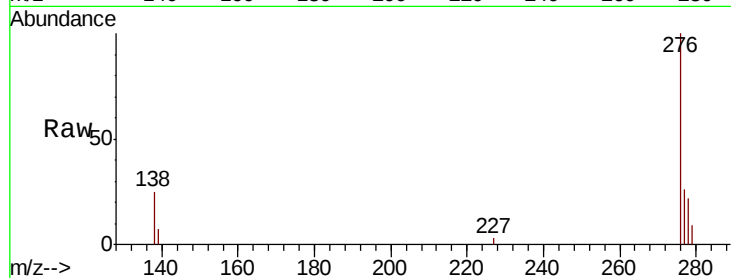
#25
Dibenzo(a,h)anthracene
Concen: 0.115 ng/ul
RT: 25.36 min Scan# 6099
Delta R.T. -0.01 min
Lab File: BN009067.D
Acq: 20 Dec 2019 14:30

Instrument :
BNA_N
ClientSampleId :
C0BS2DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	33.6	16.2	24.2#
279	43.0	20.3	30.5#

Manual Integrations
APPROVED

mohammad
12/23/2019 8:02:24 AM

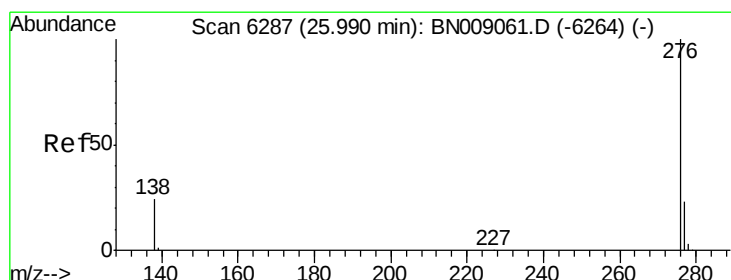
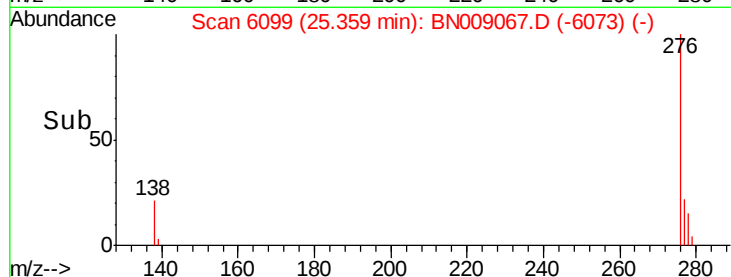
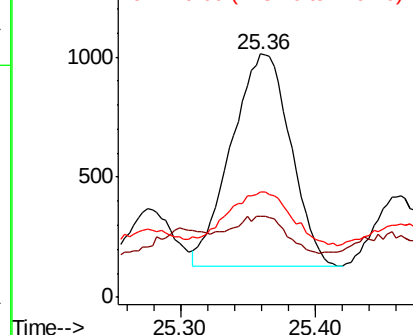


Abundance

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(g,h,i)perylene
Concen: 0.483 ng/ul
RT: 25.99 min Scan# 6288
Delta R.T. 0.00 min
Lab File: BN009067.D
Acq: 20 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	20.6	30.8
277	26.1	19.6	29.4

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

