

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007449.D
 Acq On : 28 Aug 2019 01:29
 Operator : HP/JU
 Sample : K4337-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AH5

Manual Integrations
 APPROVED

mohammad
 8/28/2019 7:48:18 AM

Quant Time: Aug 28 02:20:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 20:30:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4598	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	19157	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	11110	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	23449m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	20639m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	26393	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	11255	0.38	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	31150m	0.41	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.76	152	1843	0.030	ng/ul#	83
8) Acenaphthene	14.11	153	1273	0.029	ng/ul	97
9) Fluorene	15.11	166	2401	0.050	ng/ul#	97
11) Pentachlorophenol	16.46	266	183m	0.035	ng/ul	
12) Phenanthrene	16.84	178	5487m	0.075	ng/ul	
13) Anthracene	16.93	178	5307m	0.077	ng/ul	
15) Fluoranthene	18.87	202	7917m	0.081	ng/ul	
17) Pyrene	19.24	202	8401	0.083	ng/ul#	95
18) Benzo(a)anthracene	21.00	228	7655m	0.083	ng/ul	
19) Chrysene	21.05	228	7718	0.078	ng/ul	97
21) Benzo(b)fluoranthene	22.50	252	8471	0.073	ng/ul	87
22) Benzo(k)fluoranthene	22.54	252	8298	0.069	ng/ul#	69
23) Benzo(a)pyrene	23.03	252	7472	0.065	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.18	276	10214	0.079	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	7875	0.077	ng/ul#	86
26) Benzo(a,h,i)perylene	25.81	276	8612	0.078	ng/ul#	91

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

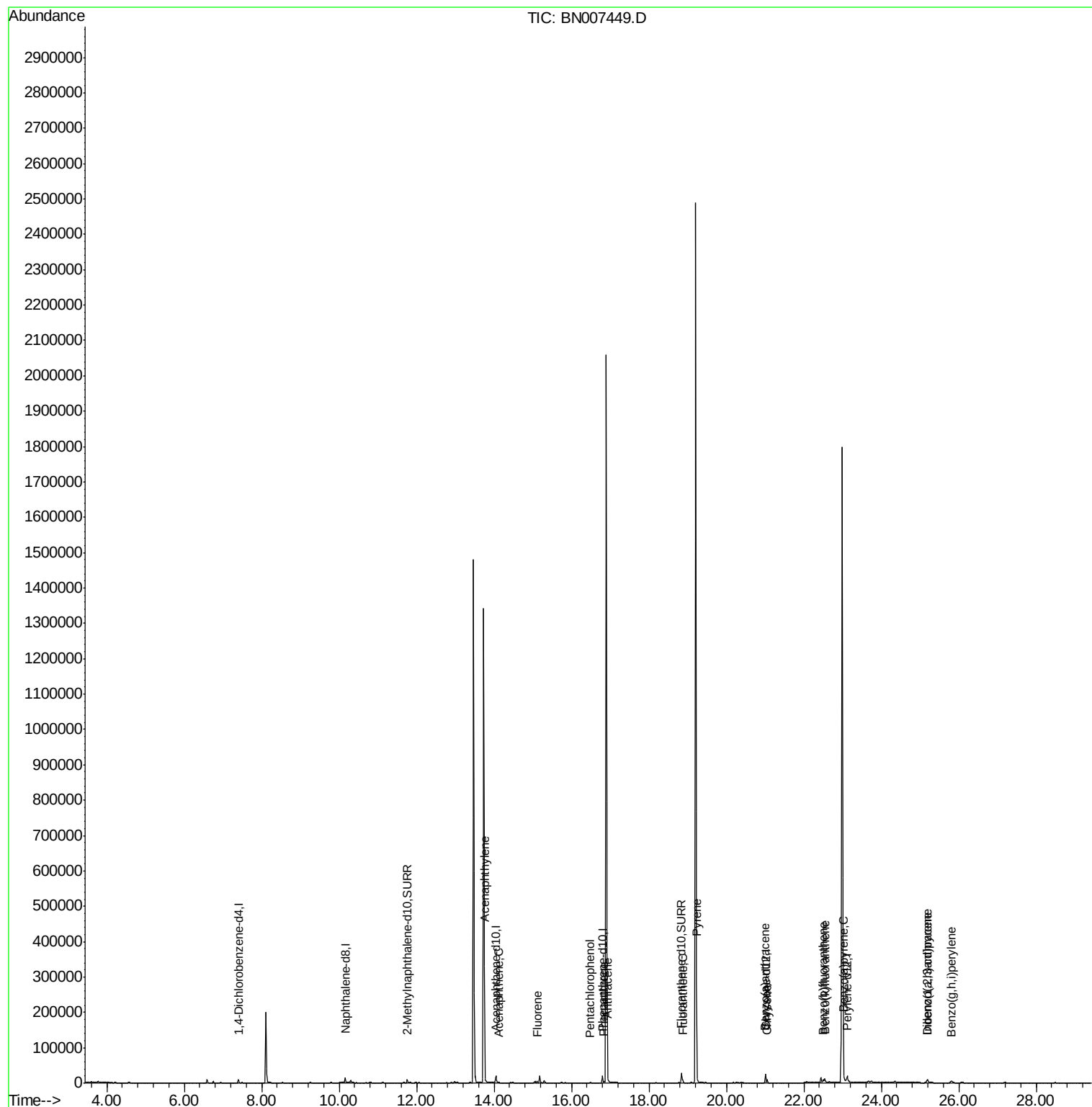
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007449.D
Acq On : 28 Aug 2019 01:29
Operator : HP/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

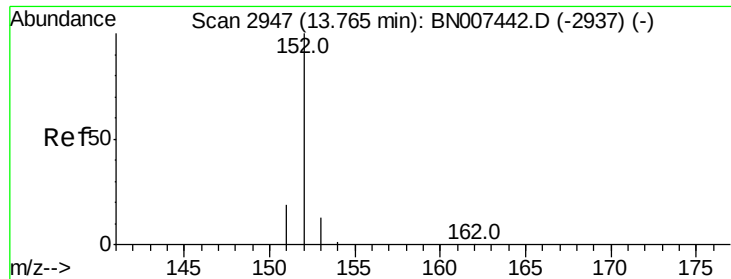
Instrument :
BNA_N
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C0AH5

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.030 ng/ul

RT: 13.76 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Instrument :

BNA_N

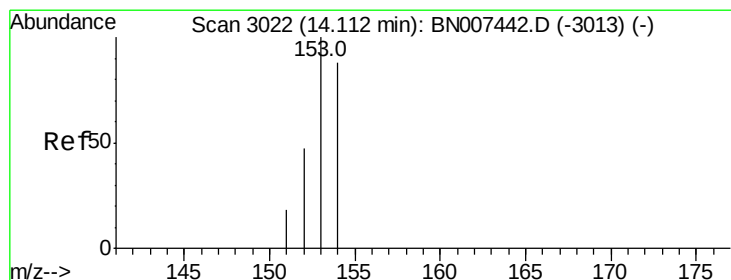
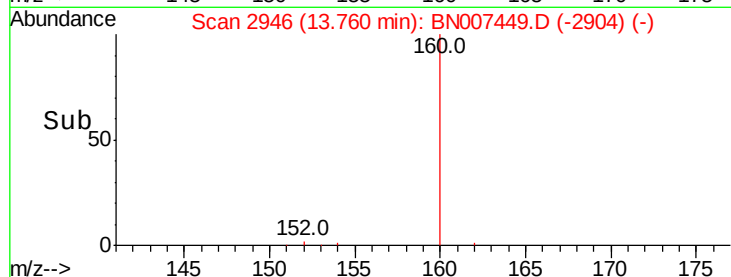
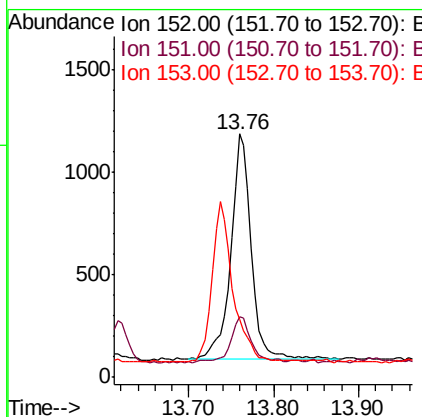
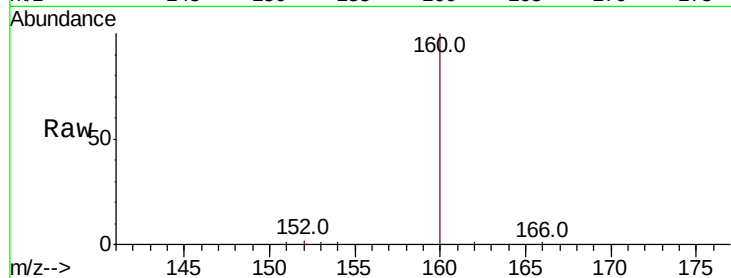
ClientSampleId :

C0AH5

Tot Ion:	152	Resp:	1843
Ion Ratio	Lower	Upper	
152	100		
151	24.9	15.8	23.6#
153	23.8	10.8	16.2#

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#8

Acenaphthene

Concen: 0.029 ng/ul

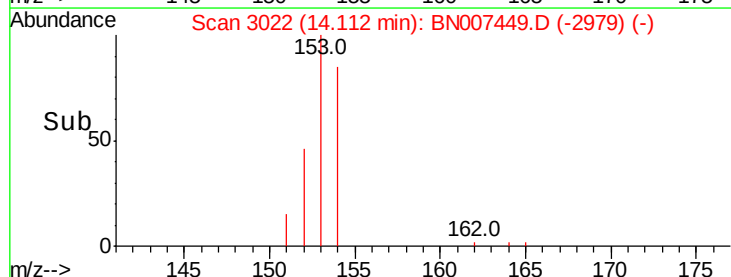
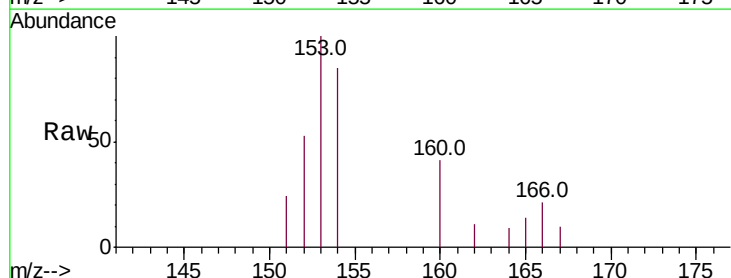
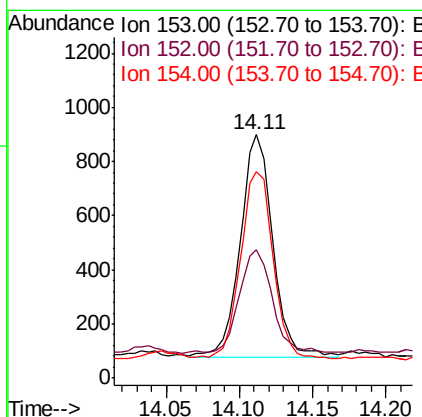
RT: 14.11 min Scan# 3022

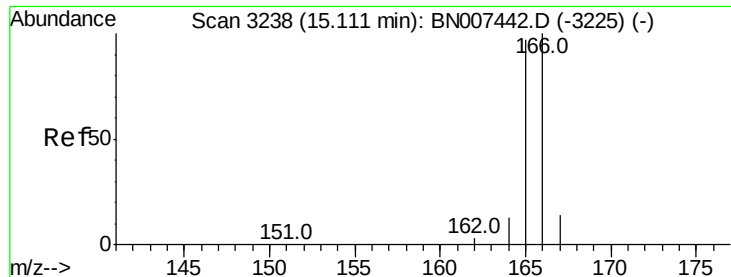
Delta R.T. -0.00 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Tgt Ion:	153	Resp:	1273
Ion Ratio	Lower	Upper	
153	100		
152	52.9	39.1	58.7
154	85.1	69.4	104.2





#9

Fluorene

Concen: 0.050 ng/ul

RT: 15.11 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Instrument :

BNA_N

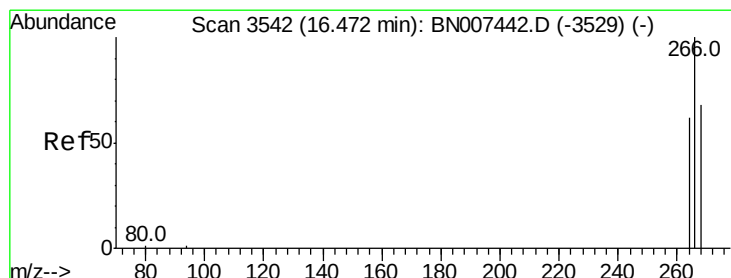
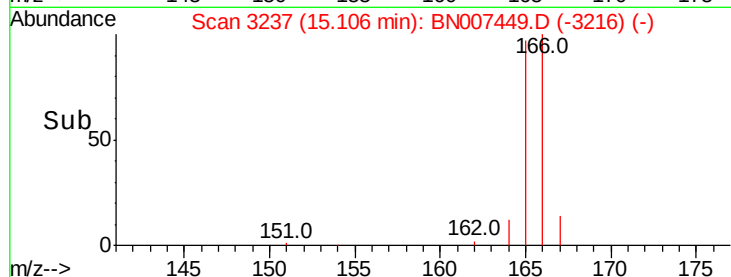
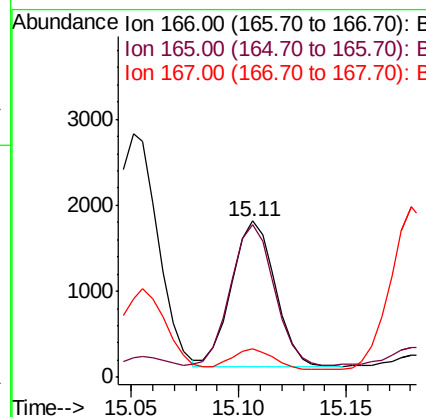
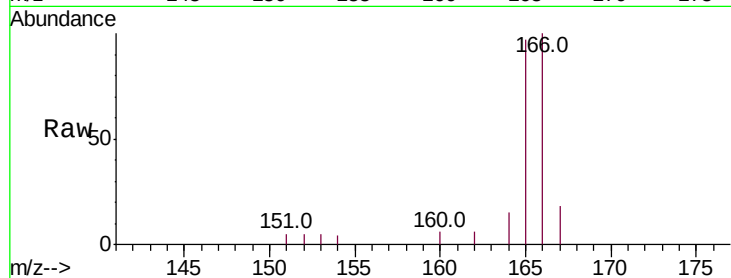
ClientSampleId :

C0AH5

Tot Ion:	166	Resp:	2401
Ion Ratio	Lower	Upper	
166	100		
165	97.5	79.6	119.4
167	18.2	11.7	17.5#

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#11

Pentachlorophenol

Concen: 0.035 ng/ul m

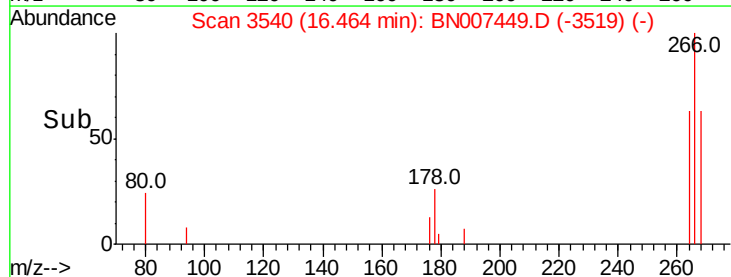
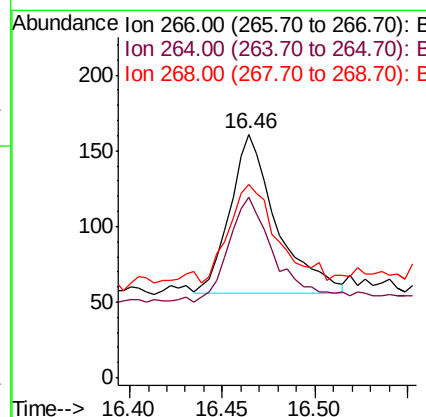
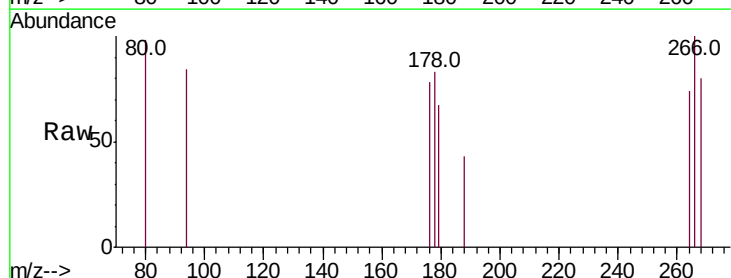
RT: 16.46 min Scan# 3540

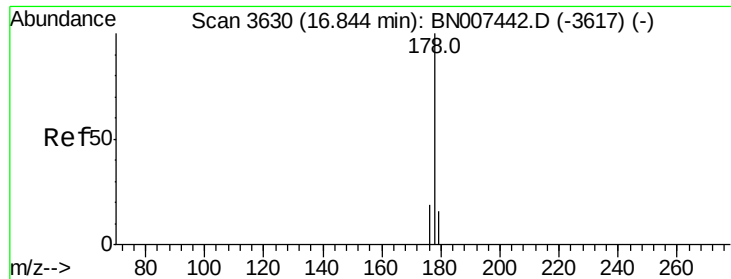
Delta R.T. -0.01 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Tgt Ion:	266	Resp:	183
Ion Ratio	Lower	Upper	
266	100		
264	0.0	49.0	73.6#
268	4.9	50.2	75.2#





#12

Phenanthrene

Concen: 0.075 ng/ul m

RT: 16.84 min Scan# 3629

Delta R.T. -0.00 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

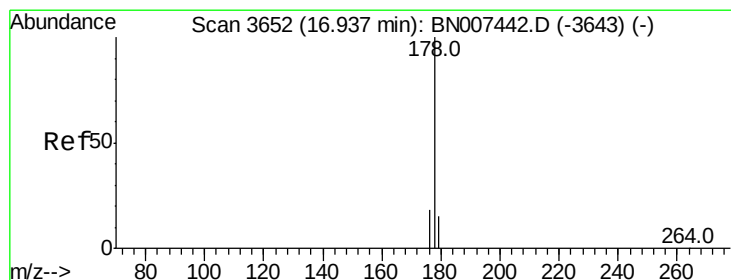
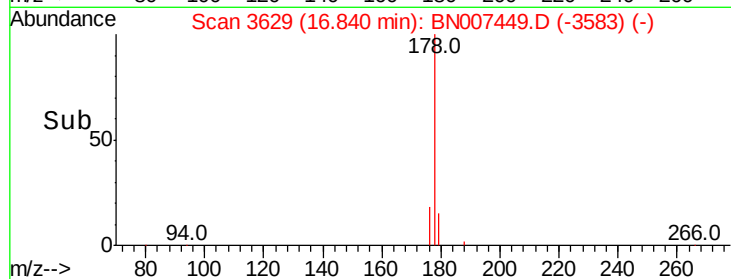
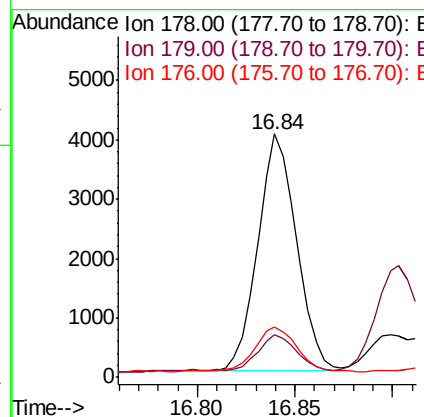
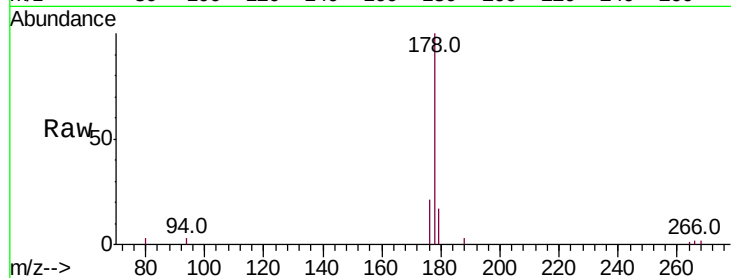
Instrument :
BNA_N
ClientSampleId :
C0AH5

Tot Ion:178 Resp: 5487

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.8	19.2
176	20.5	15.2	22.8

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#13

Anthracene

Concen: 0.077 ng/ul m

RT: 16.93 min Scan# 3651

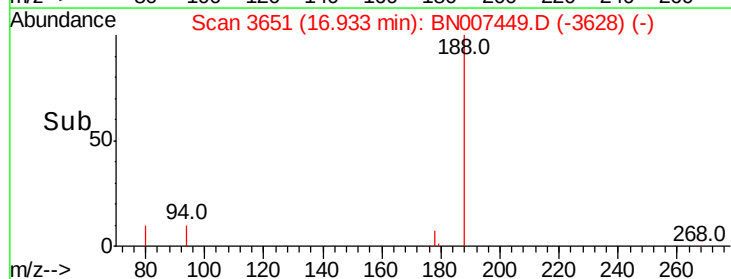
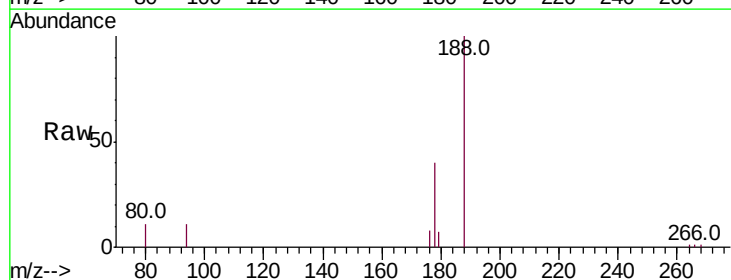
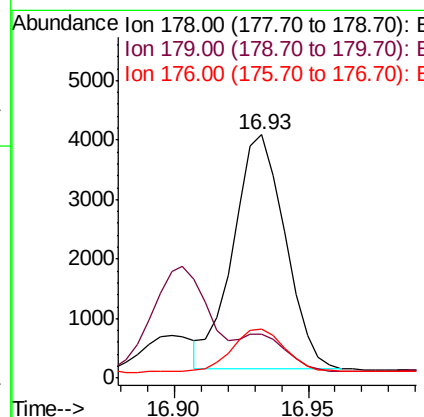
Delta R.T. -0.00 min

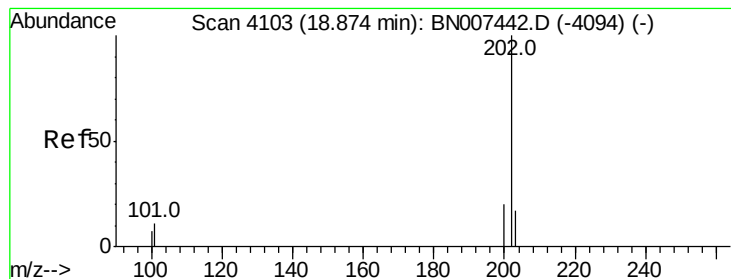
Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Tgt Ion:178 Resp: 5307

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.8	19.2
176	20.1	14.6	21.8





#15

Fluoranthene

Concen: 0.081 ng/ul m

RT: 18.87 min Scan# 4102

Delta R.T. -0.00 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Instrument :

BNA_N

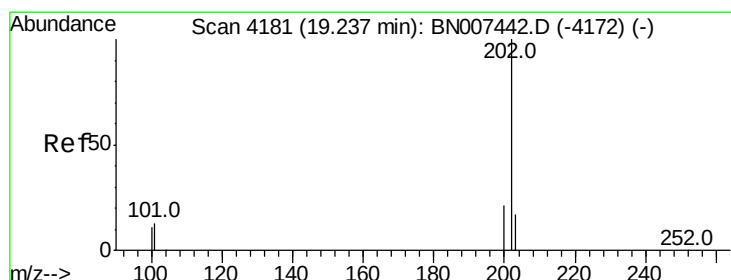
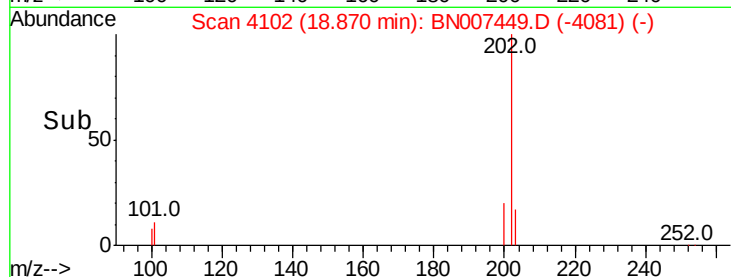
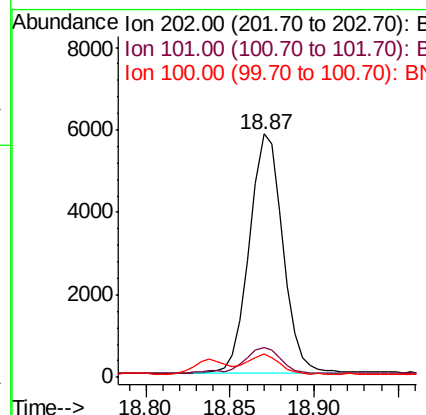
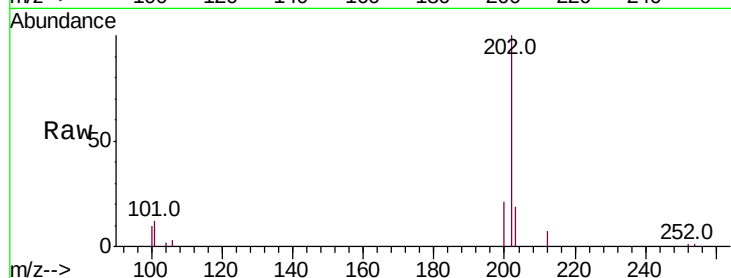
ClientSampleId :

C0AH5

Tot Ion:	202	Resp:	7917
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	31.3
100	9.5	0.0	28.5

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#17

Pyrene

Concen: 0.083 ng/ul

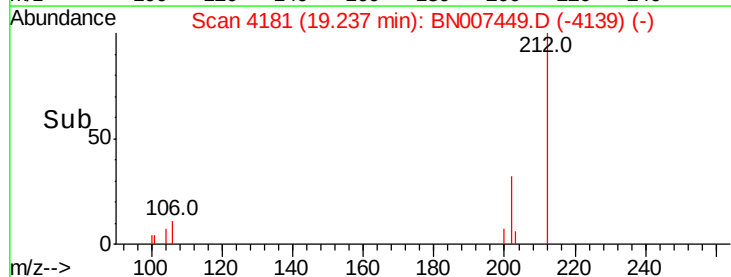
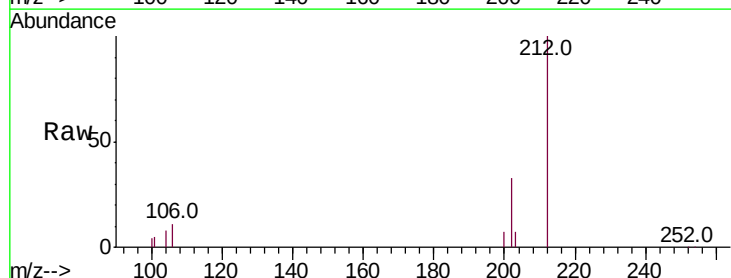
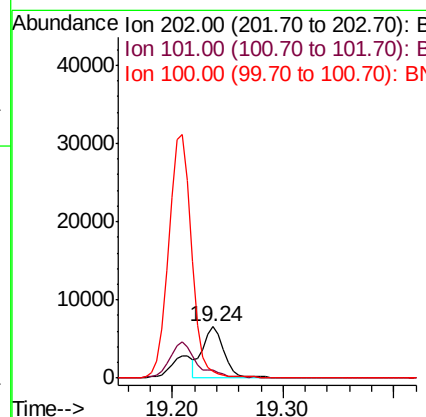
RT: 19.24 min Scan# 4181

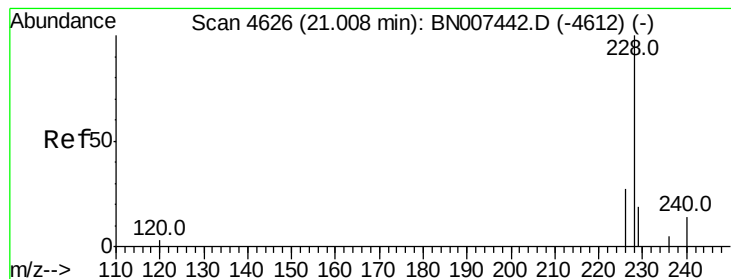
Delta R.T. -0.00 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Tgt Ion:	202	Resp:	8401
Ion Ratio	Lower	Upper	
202	100		
101	14.8	10.7	16.1
100	13.7	8.6	12.8#





#18

Benzo(a)anthracene

Concen: 0.083 ng/ul m

RT: 21.00 min Scan# 4624

Delta R.T. -0.01 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Instrument :

BNA_N

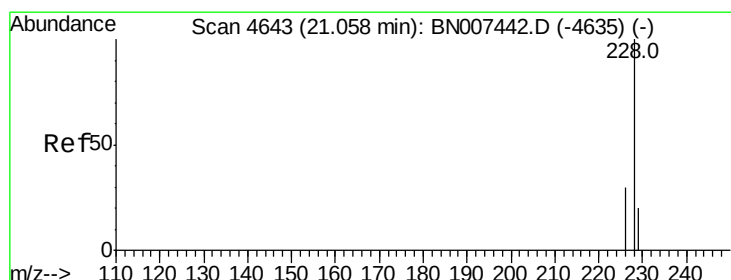
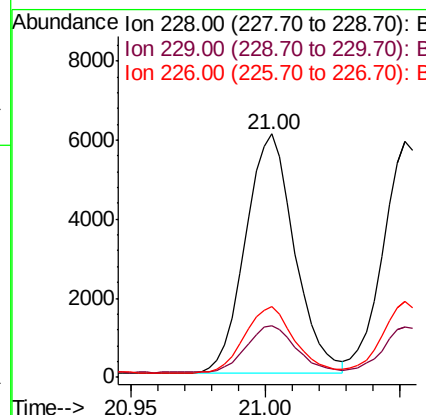
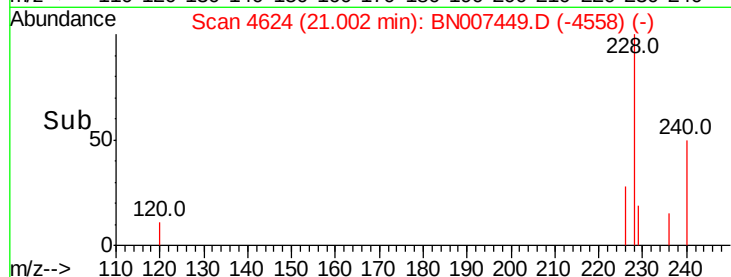
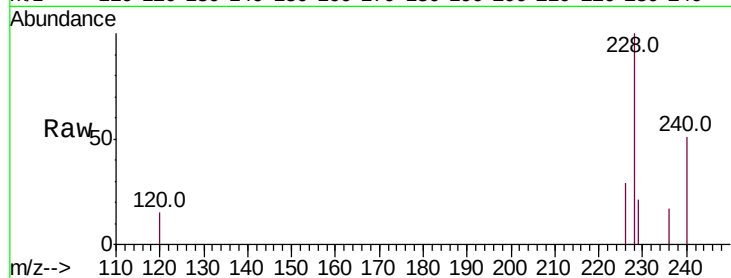
ClientSampleId :

C0AH5

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.2
226	29.0	22.0	33.0

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#19

Chrysene

Concen: 0.078 ng/ul

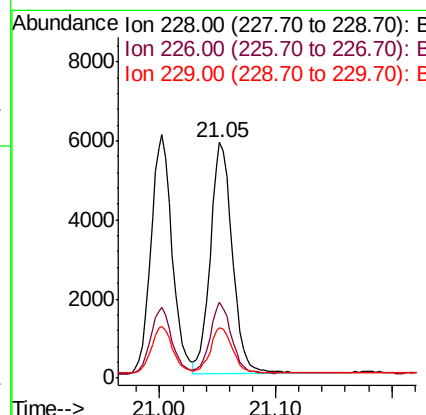
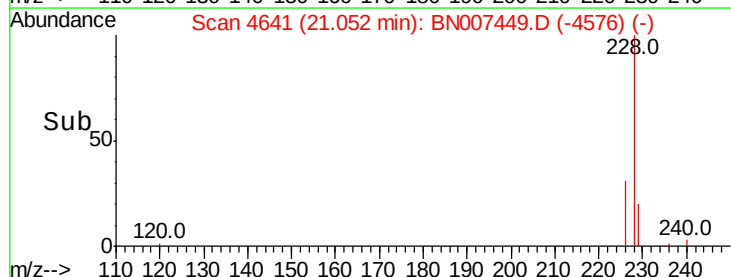
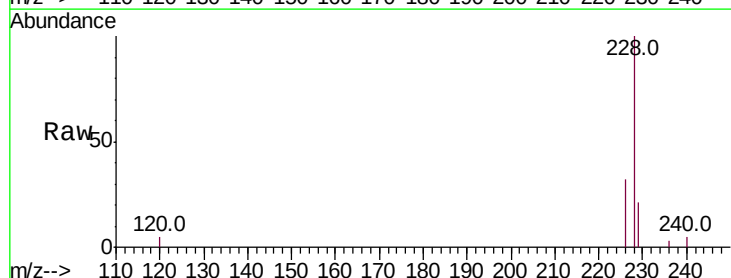
RT: 21.05 min Scan# 4641

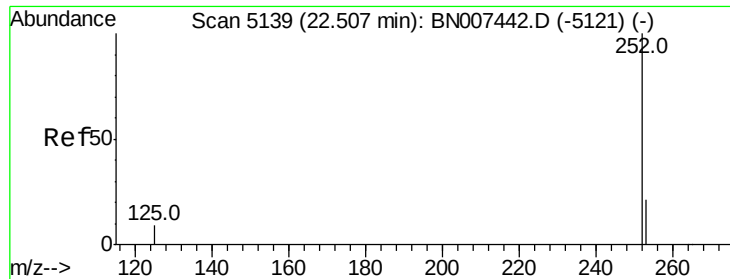
Delta R.T. -0.01 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.1	36.1
229	21.4	16.1	24.1





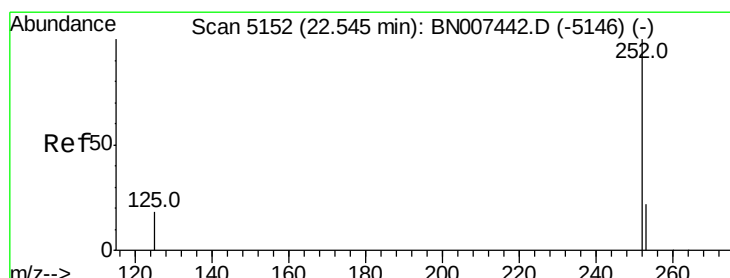
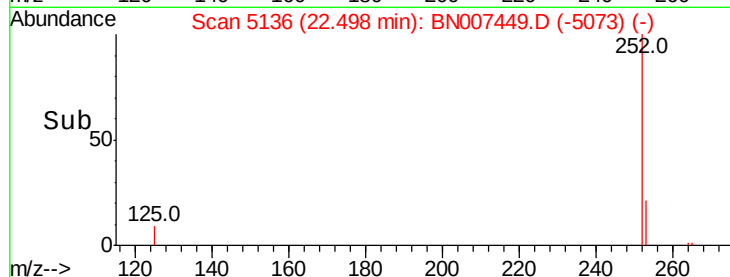
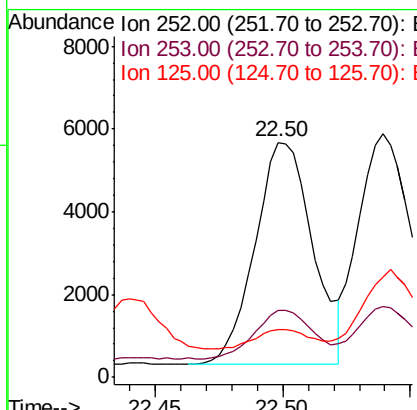
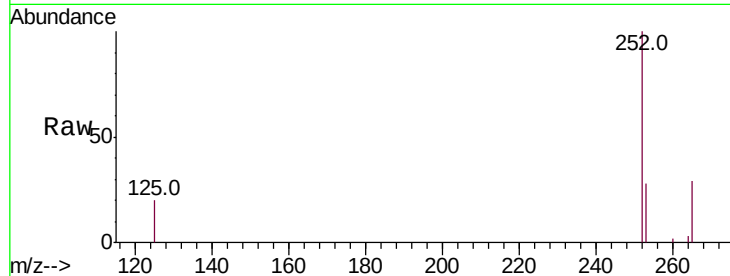
#21
Benzo(b)fluoranthene
Concen: 0.073 ng/ul
RT: 22.50 min Scan# 5136
Delta R.T. -0.01 min
Lab File: BN007449.D
Acq: 28 Aug 2019 01:29

Instrument :
BNA_N
ClientSampleId :
C0AH5

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.4	0.0	47.0
125	20.1	0.0	24.8

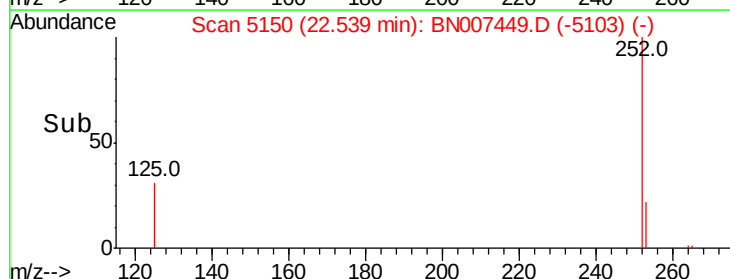
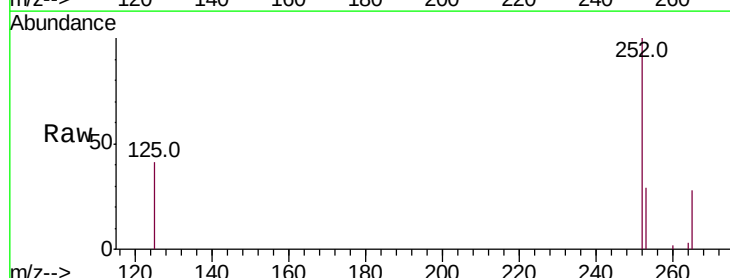
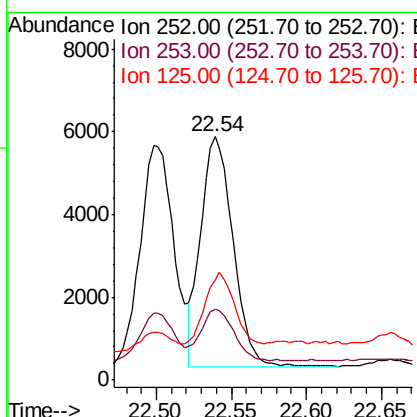
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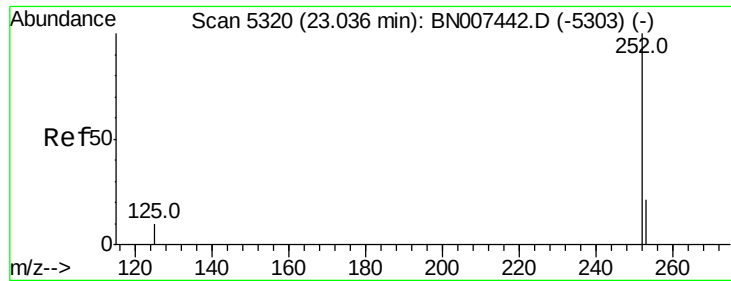
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#22
Benzo(k)fluoranthene
Concen: 0.069 ng/ul
RT: 22.54 min Scan# 5150
Delta R.T. -0.01 min
Lab File: BN007449.D
Acq: 28 Aug 2019 01:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.7	28.1#
125	41.2	12.4	18.6#





#23

Benzo(a)pyrene

Concen: 0.065 ng/ul

RT: 23.03 min Scan# 5318

Delta R.T. -0.01 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Instrument :

BNA_N

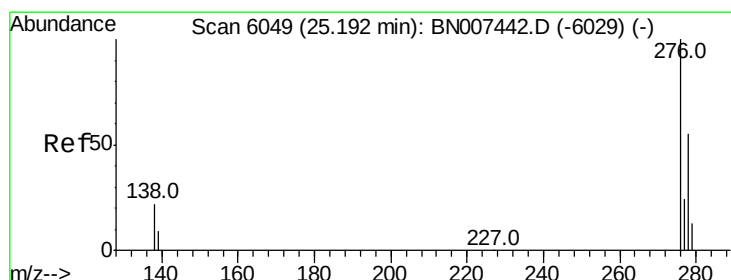
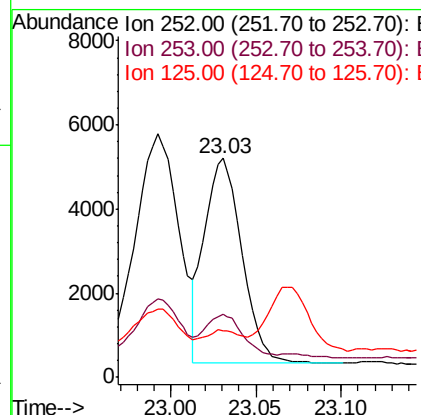
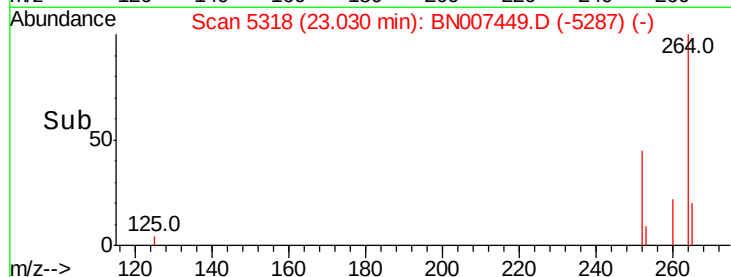
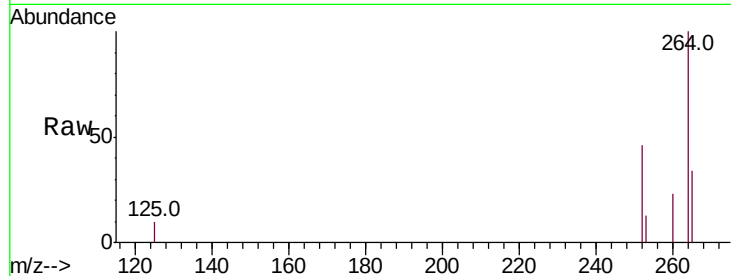
ClientSampleId :

C0AH5

Tot Ion:	252	Resp:	7472
Ion Ratio	Lower	Upper	
252	100		
253	28.9	19.0	28.6#
125	21.3	11.2	16.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.079 ng/ul

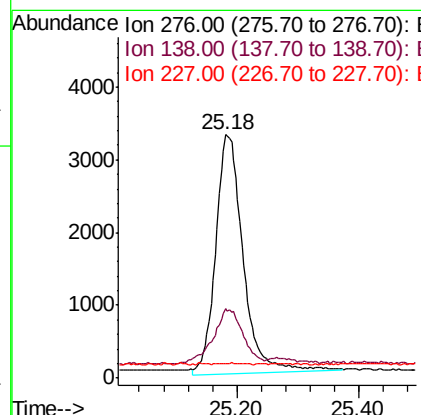
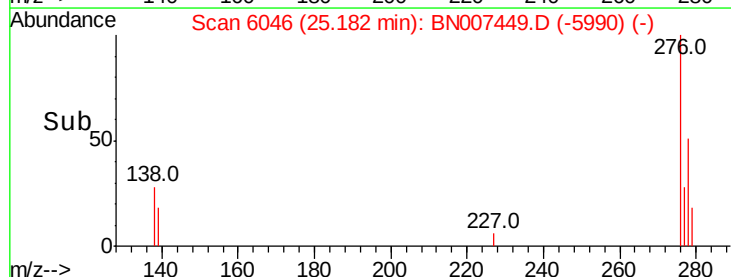
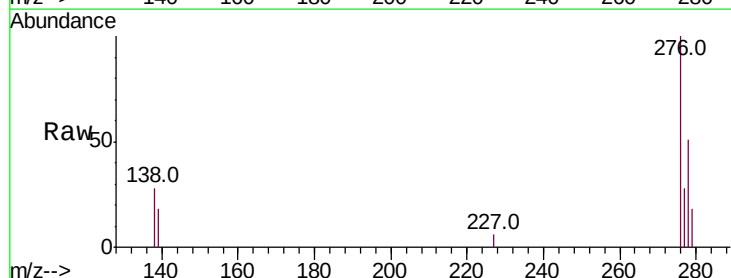
RT: 25.18 min Scan# 6046

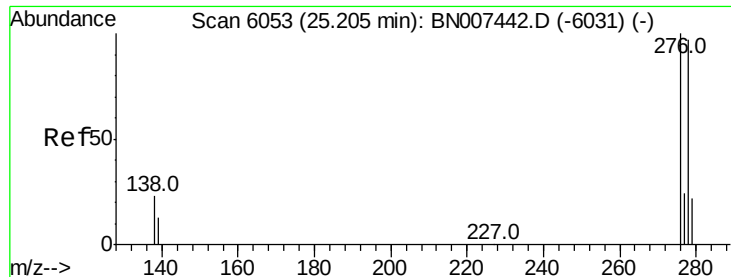
Delta R.T. -0.01 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Tgt Ion:	276	Resp:	10214
Ion Ratio	Lower	Upper	
276	100		
138	23.5	19.7	29.5
227	0.0	0.1	0.1#





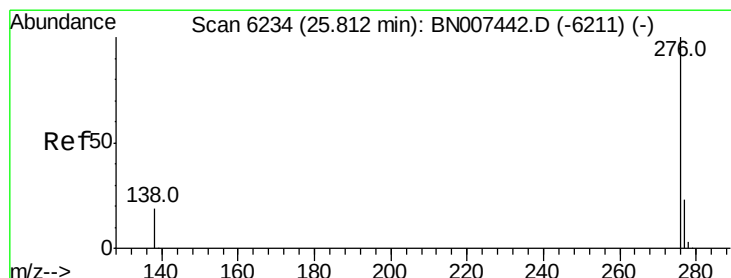
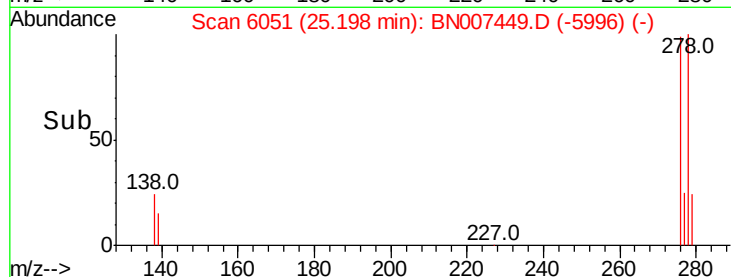
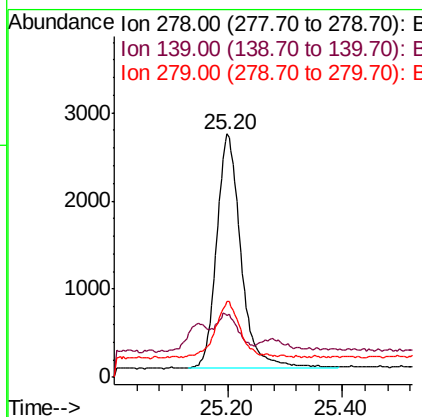
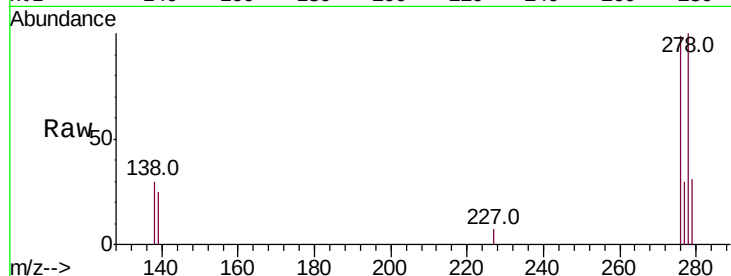
#25
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 25.20 min Scan# 6051
Delta R.T. -0.02 min
Lab File: BN007449.D
Acq: 28 Aug 2019 01:29

Instrument :
BNA_N
ClientSampleId :
C0AH5

Tot Ion	Ratio	Lower	Upper
278	100		
139	25.4	14.6	21.8#
279	31.2	19.8	29.8#

Manual Integrations
APPROVED

mohammad
8/28/2019 7:48:18 AM



#26
Benzo(g,h,i)perylene
Concen: 0.078 ng/ul
RT: 25.81 min Scan# 6233
Delta R.T. -0.01 min
Lab File: BN007449.D
Acq: 28 Aug 2019 01:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	17.1	25.7#
277	27.4	19.4	29.0

