

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008934.D
 Acq On : 12 Dec 2019 01:19
 Operator : JU
 Sample : K6088-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BP7

Manual Integrations
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mohammad
 12/12/2019 11:32:46 AM

Quant Time: Dec 12 02:54:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 12 01:20:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2652	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11390	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	7280	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16959	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14464	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	15446	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3258	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	10053	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	9228	0.269	ng/ul	99
5) 2-Methylnaphthalene	11.98	142	2939	0.123	ng/ul	100
7) Acenaphthylene	13.90	152	53288	1.324	ng/ul	100
8) Acenaphthene	14.25	153	5570	0.186	ng/ul	98
9) Fluorene	15.24	166	13872	0.395	ng/ul	99
12) Phenanthrene	16.97	178	347442	6.075	ng/ul	99
13) Anthracene	17.06	178	66731	1.235	ng/ul	100
15) Fluoranthene	19.00	202	1133332	16.129	ng/ul	98
17) Pyrene	19.36	202	968934	16.698	ng/ul	98
18) Benzo(a)anthracene	21.11	228	493728	8.488	ng/ul	98
19) Chrysene	21.17	228	476496	8.340	ng/ul	98
21) Benzo(b)fluoranthene	22.64	252	675356m	10.603	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	270650m	4.285	ng/ul	
23) Benzo(a)pyrene	23.19	252	500765m	8.376	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.38	276	313819	4.488	ng/ul	90
25) Dibenzo(a,h)anthracene	25.39	278	72084	1.277	ng/ul	99
26) Benzo(a,h,i)perylene	26.02	276	298854	5.110	ng/ul	96

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

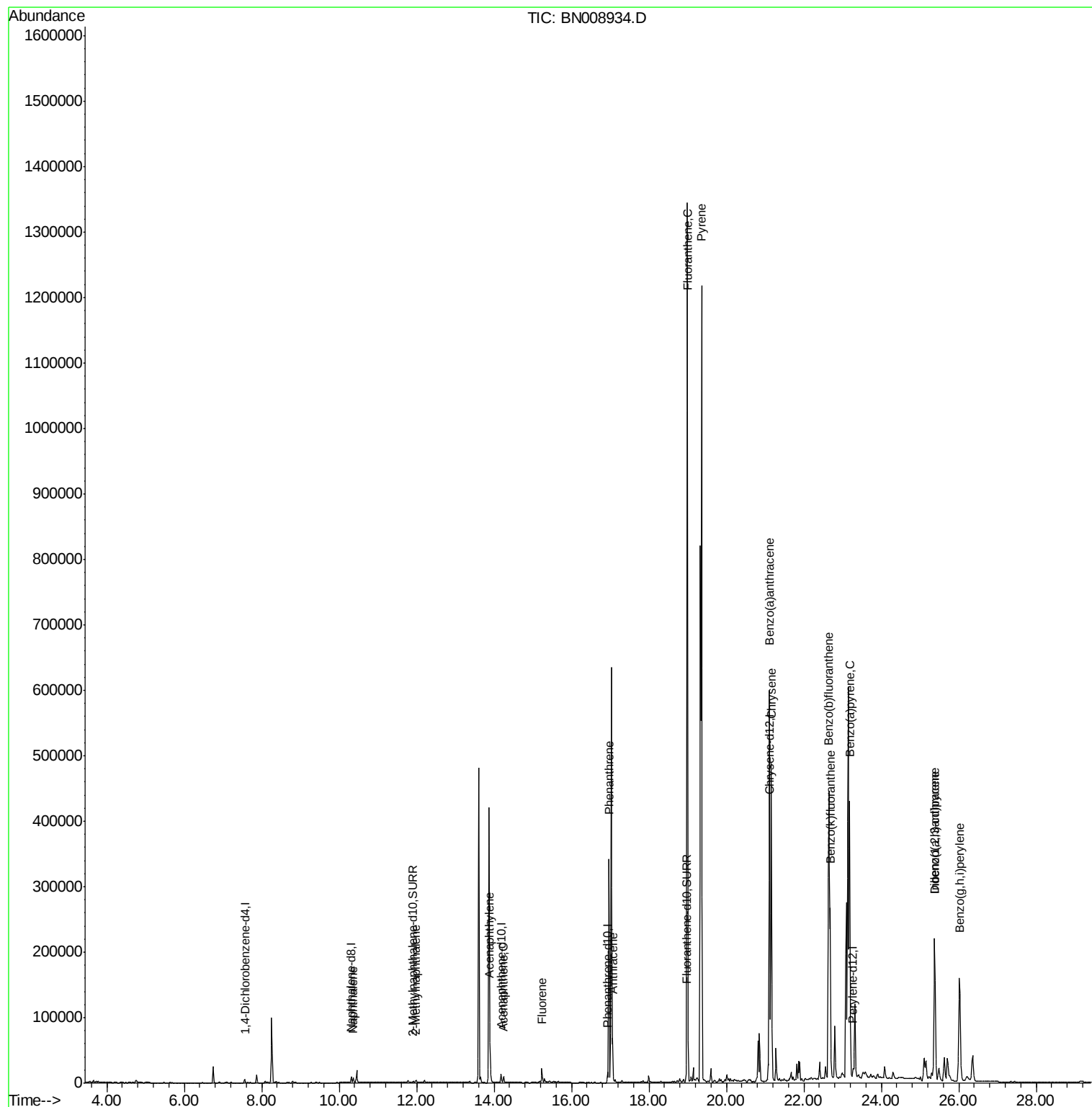
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008934.D
Acq On : 12 Dec 2019 01:19
Operator : JU
Sample : K6088-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

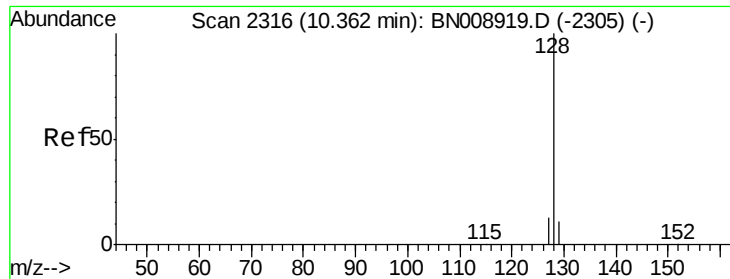
Instrument :
BNA_N
ClientSampleId :
C0BP7

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Quant Time: Dec 12 02:54:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 01:20:09 2019
Response via : Initial Calibration





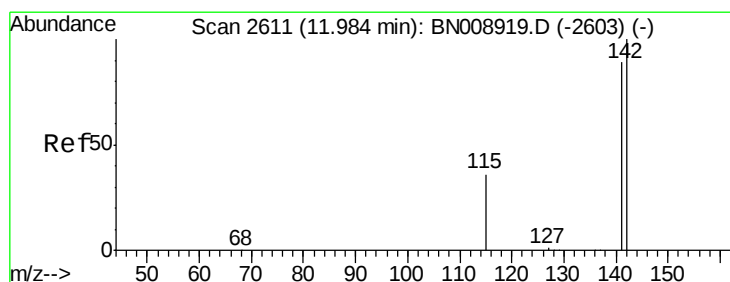
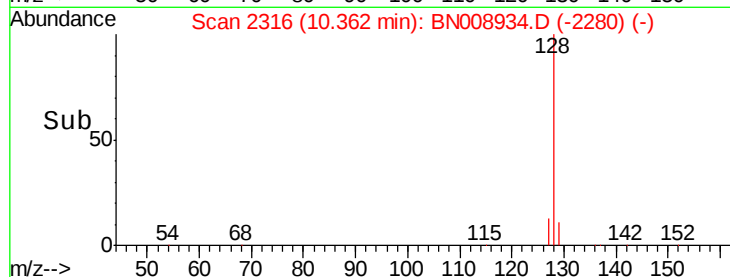
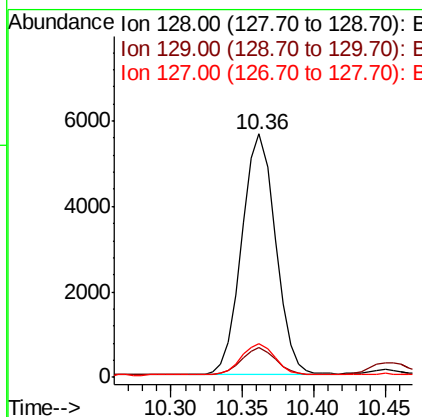
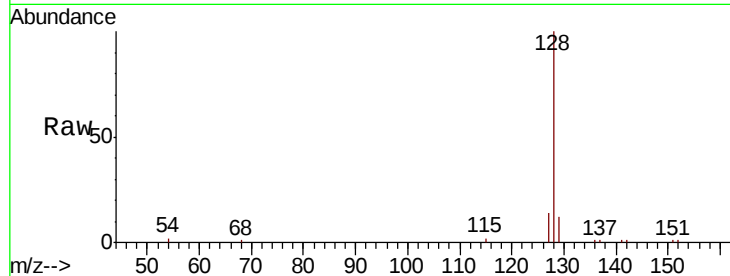
#3
Naphthalene
Concen: 0.269 ng/ul
RT: 10.36 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BN008934.D
Acq: 12 Dec 2019 01:19

Instrument :
BNA_N
ClientSampleId :
C0BP7

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	13.8	10.7	16.1

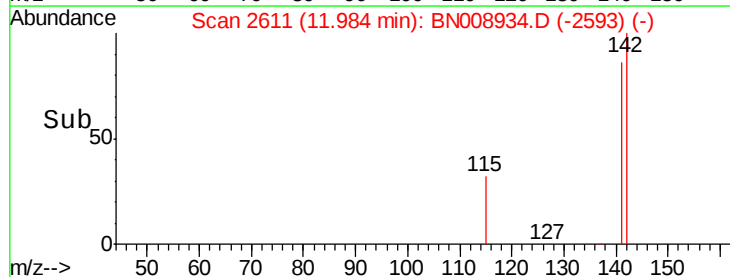
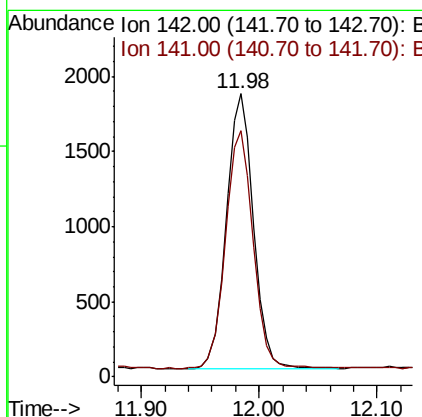
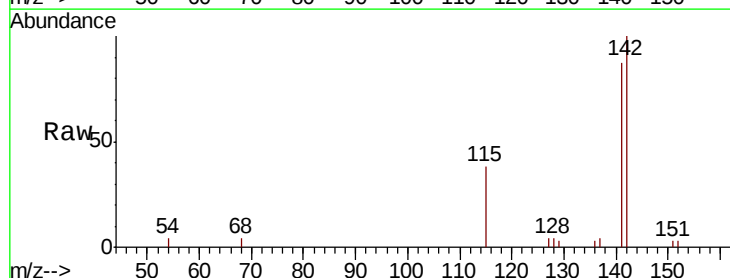
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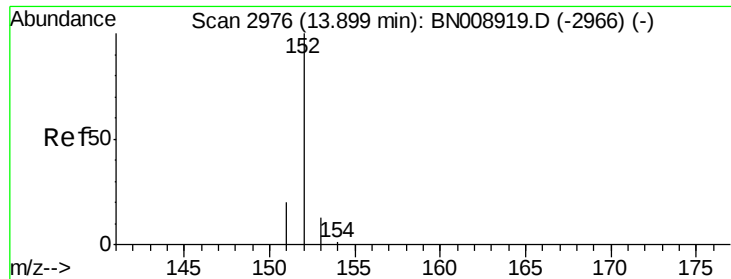
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#5
2-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 11.98 min Scan# 2611
Delta R.T. 0.00 min
Lab File: BN008934.D
Acq: 12 Dec 2019 01:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.1	105.1





#7

Acenaphthylene

Concen: 1.324 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008934.D

Acq: 12 Dec 2019 01:19

Instrument :

BNA_N

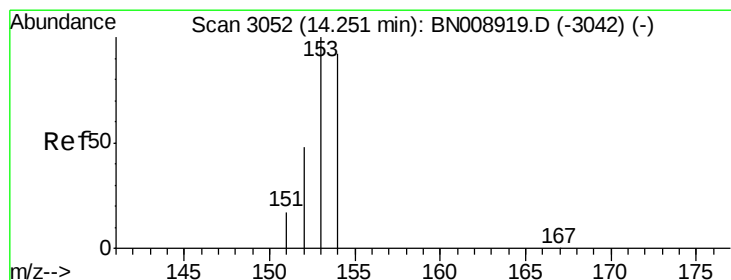
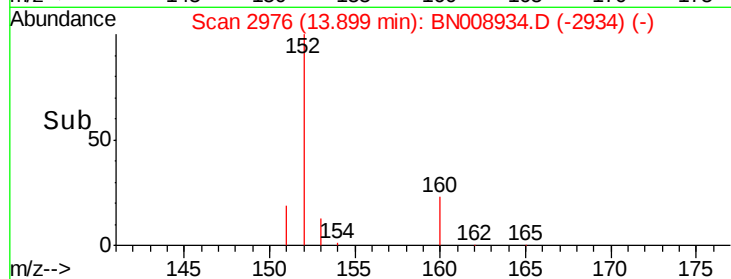
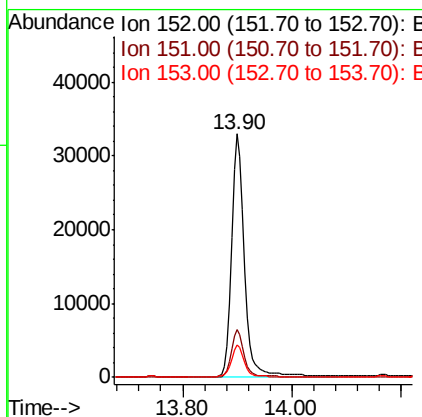
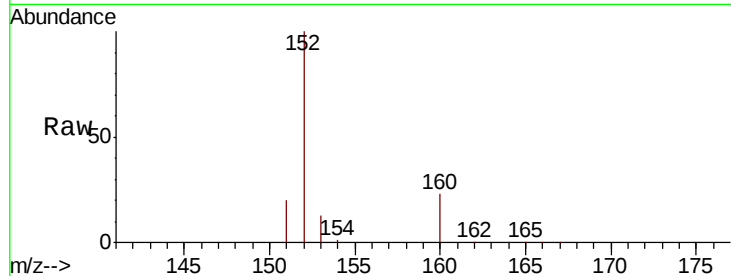
ClientSampleId :

C0BP7

Tot Ion:	152	Resp:	53288
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.8	23.6
153	13.2	10.6	15.8

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#8

Acenaphthene

Concen: 0.186 ng/ul

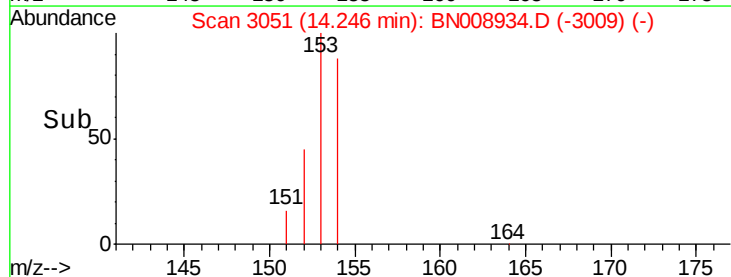
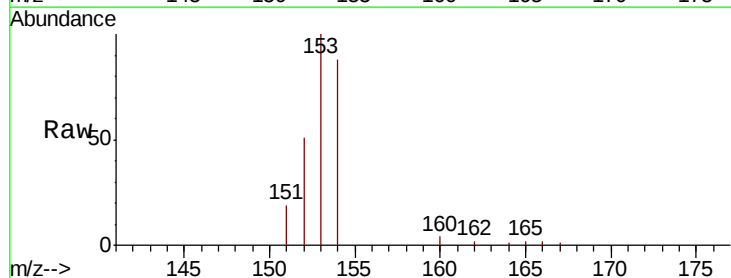
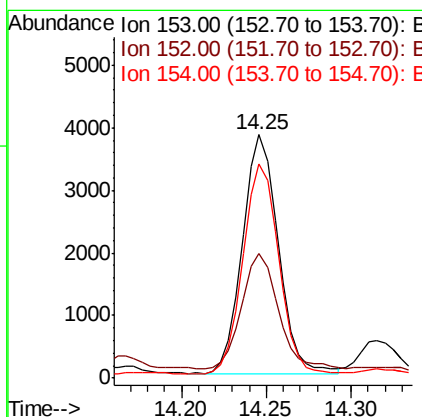
RT: 14.25 min Scan# 3051

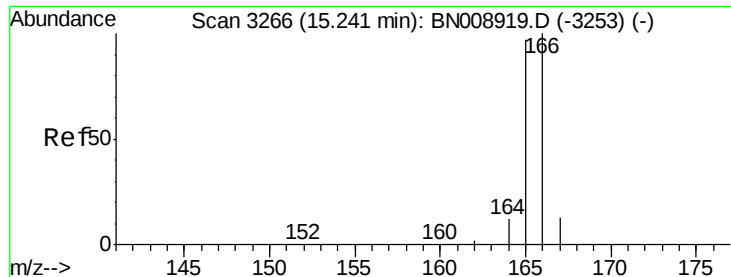
Delta R.T. -0.00 min

Lab File: BN008934.D

Acq: 12 Dec 2019 01:19

Tgt Ion:	153	Resp:	5570
Ion Ratio	Lower	Upper	
153	100		
152	51.0	38.6	58.0
154	88.0	70.6	105.8





#9

Fluorene

Concen: 0.395 ng/ul

RT: 15.24 min Scan# 3265

Delta R.T. -0.00 min

Lab File: BN008934.D

Acq: 12 Dec 2019 01:19

Instrument :

BNA_N

ClientSampleId :

C0BP7

Tot Ion:166 Resp: 13872

Ion Ratio Lower Upper

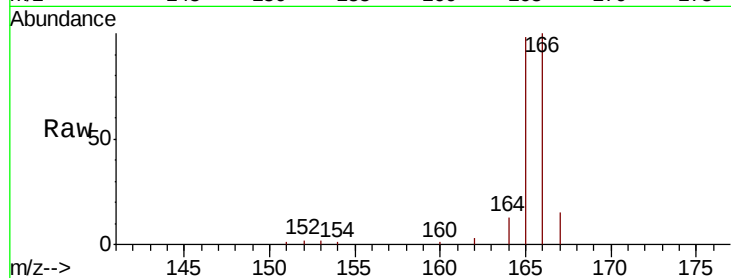
166 100

165 97.6 77.7 116.5

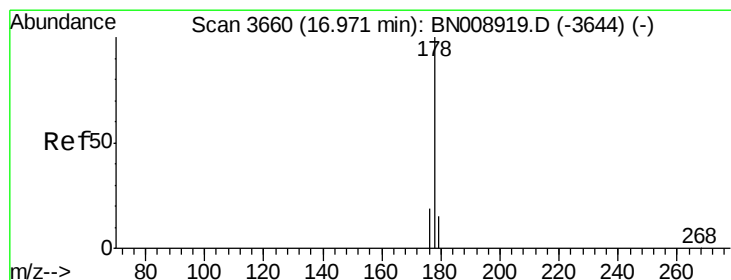
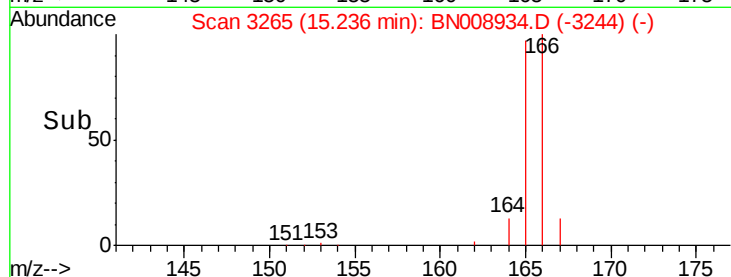
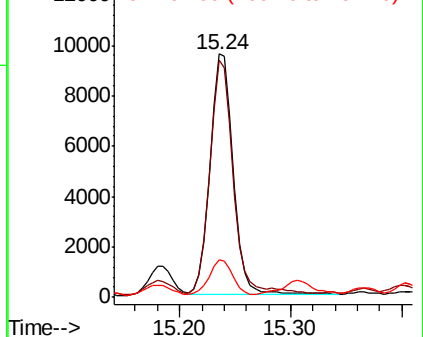
167 15.3 11.1 16.7

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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



#12

Phenanthrene

Concen: 6.075 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008934.D

Acq: 12 Dec 2019 01:19

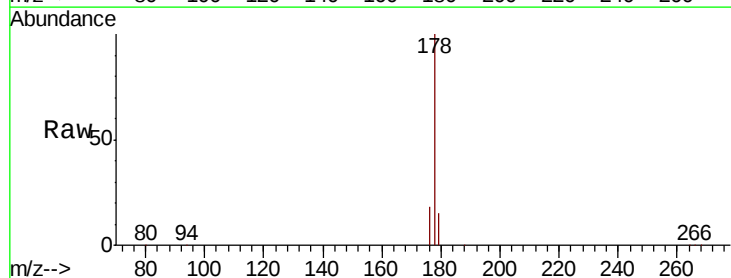
Tgt Ion:178 Resp: 347442

Ion Ratio Lower Upper

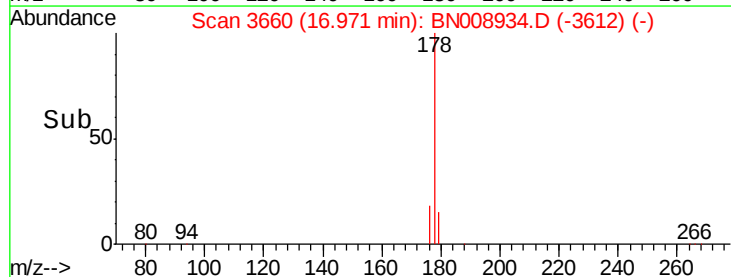
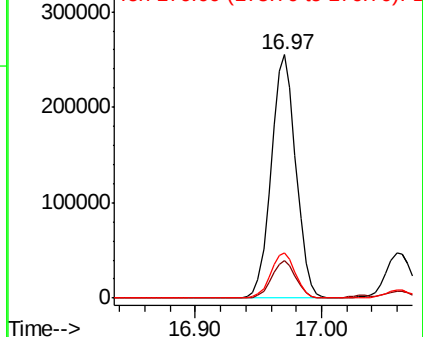
178 100

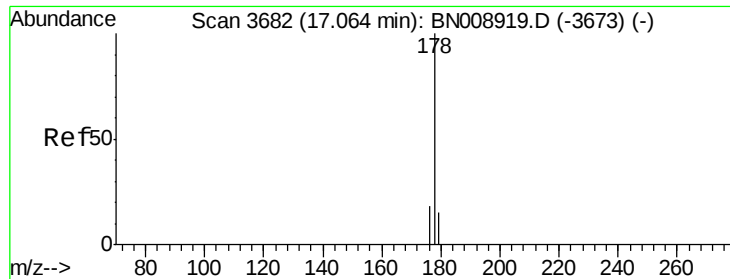
179 15.4 12.6 18.8

176 18.5 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 1.235 ng/ul

RT: 17.06 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BN008934.D

Acq: 12 Dec 2019 01:19

Instrument :

BNA_N

ClientSampleId :

C0BP7

Tot Ion:178 Resp: 66731

Ion Ratio Lower Upper

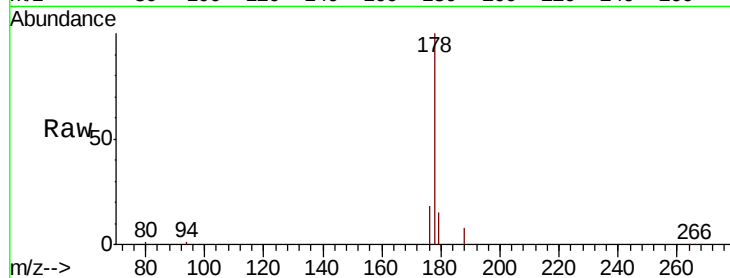
178 100

179 15.4 12.2 18.4

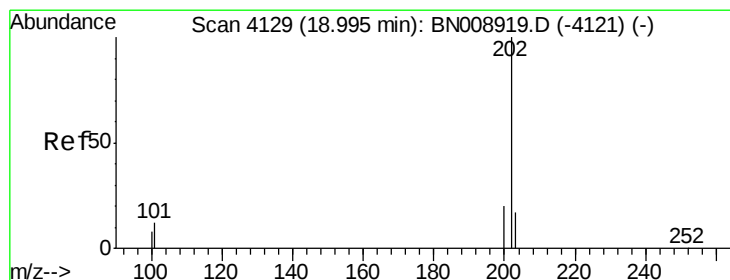
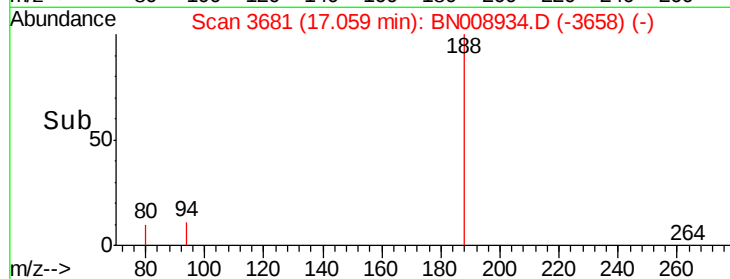
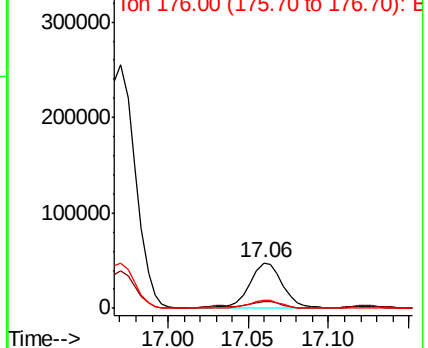
176 18.2 14.7 22.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 16.129 ng/ul

RT: 19.00 min Scan# 4129

Delta R.T. 0.00 min

Lab File: BN008934.D

Acq: 12 Dec 2019 01:19

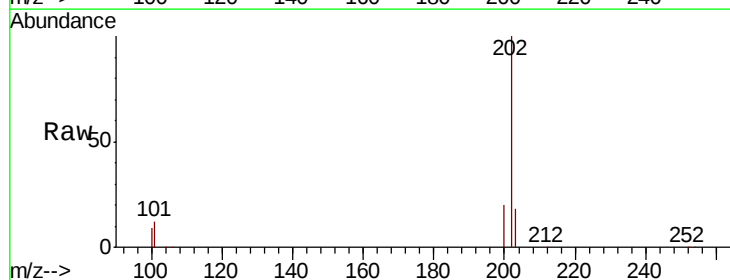
Tgt Ion:202 Resp: 1133332

Ion Ratio Lower Upper

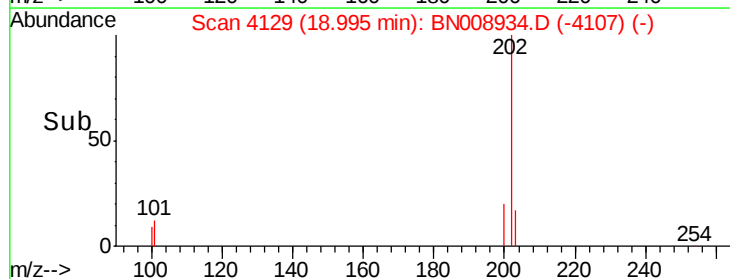
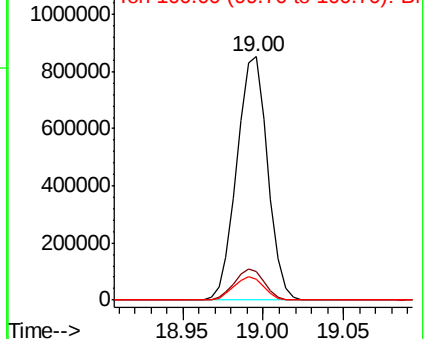
202 100

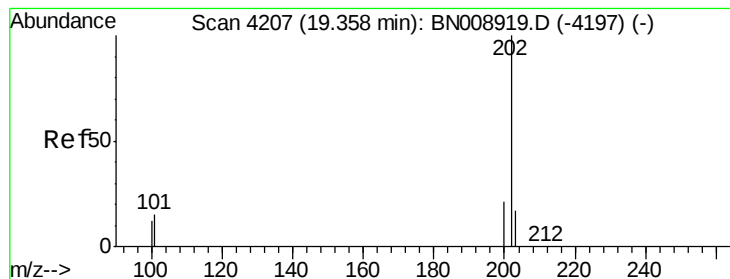
101 11.6 0.0 32.4

100 8.6 0.0 29.2



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

Pvrene

Concen: 16.698 ng/ul

RT: 19.36 min Scan# 4207

Delta R.T. 0.00 min

Lab File: BN008934.D

Acq: 12 Dec 2019 01:19

Instrument :

BNA_N

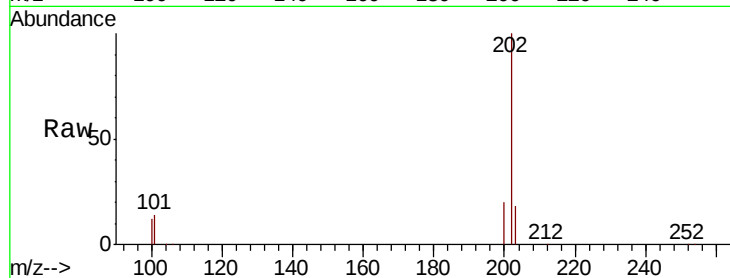
ClientSampleId :

C0BP7

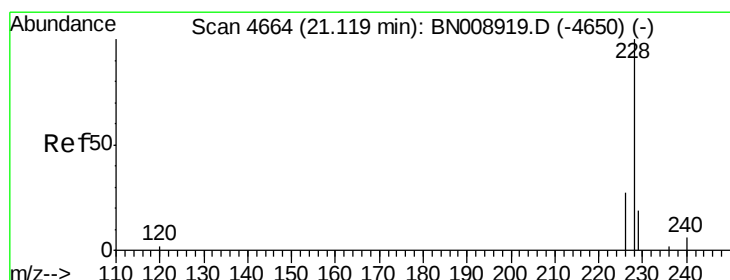
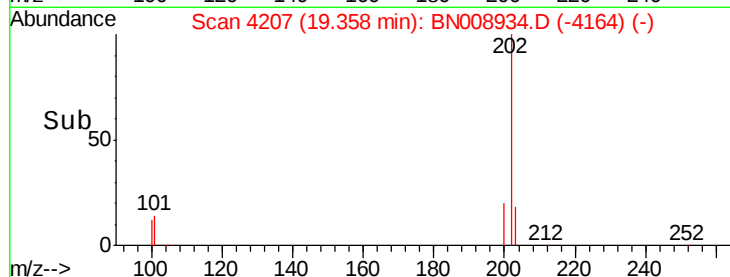
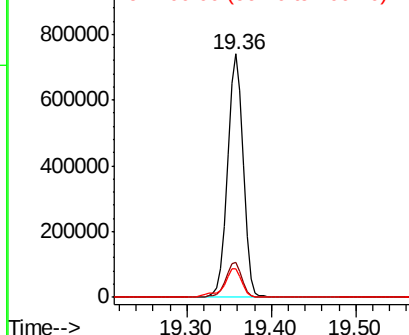
Tot Ion:	202	Resp:	968934
Ion Ratio	Lower	Upper	
202	100		
101	14.3	12.2	18.4
100	11.5	9.5	14.3

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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: 8.488 ng/ul

RT: 21.11 min Scan# 4662

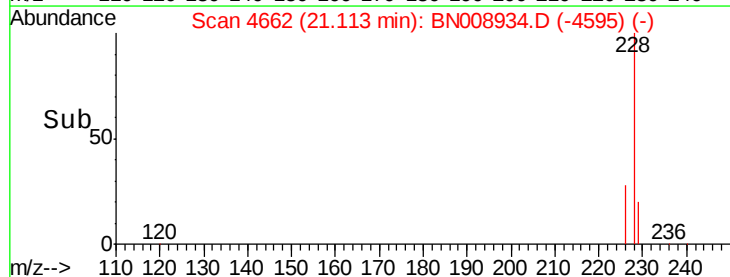
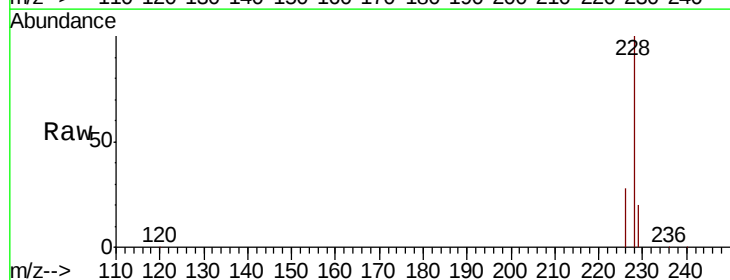
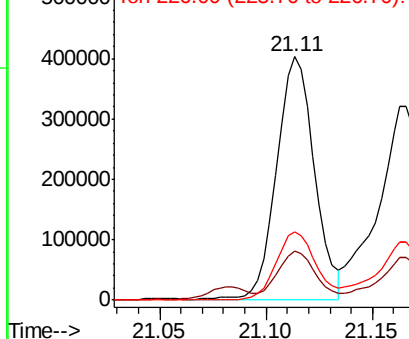
Delta R.T. -0.00 min

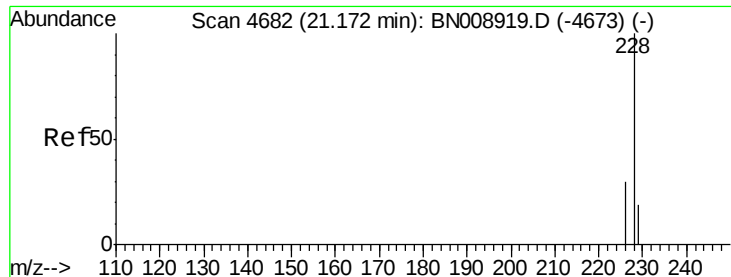
Lab File: BN008934.D

Acq: 12 Dec 2019 01:19

Tgt Ion:	228	Resp:	493728
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.7	23.5
226	28.0	21.5	32.3

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: 8.340 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.00 min

Lab File: BN008934.D

Acq: 12 Dec 2019 01:19

Instrument :

BNA_N

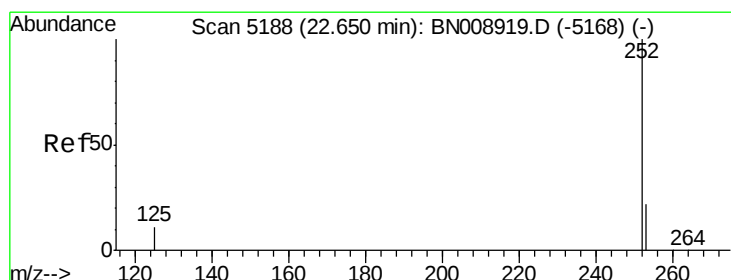
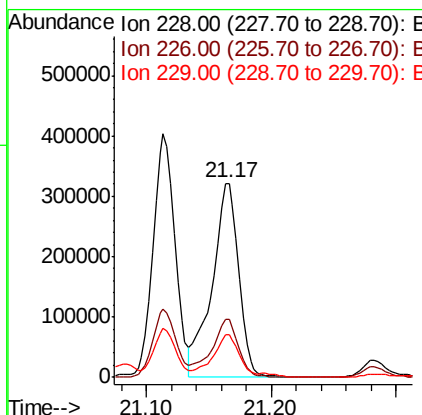
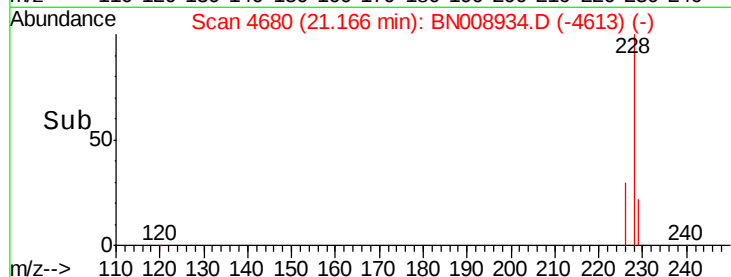
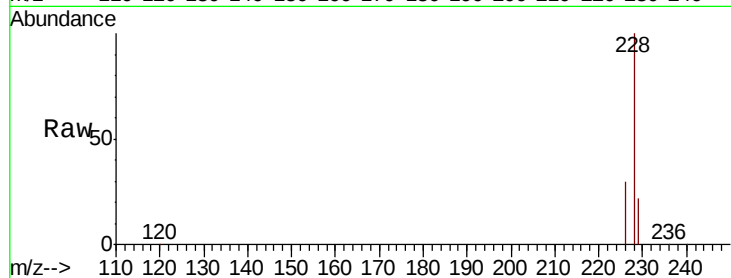
ClientSampleId :

C0BP7

Tot Ion:	228	Resp:	476496
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.8	35.6
229	21.8	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 10.603 ng/ul m

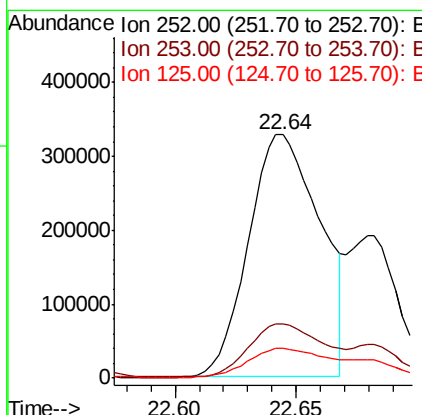
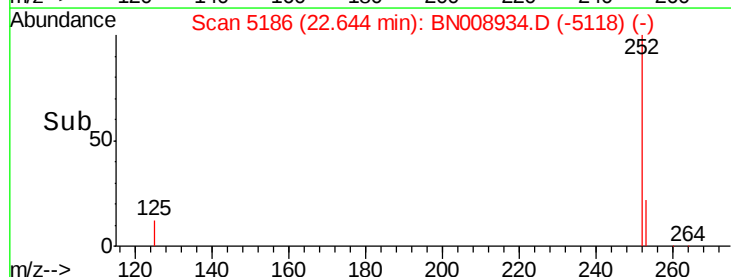
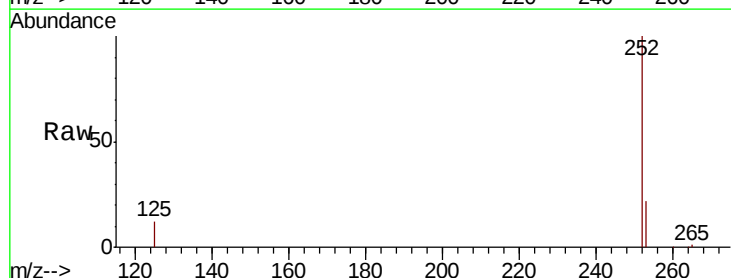
RT: 22.64 min Scan# 5186

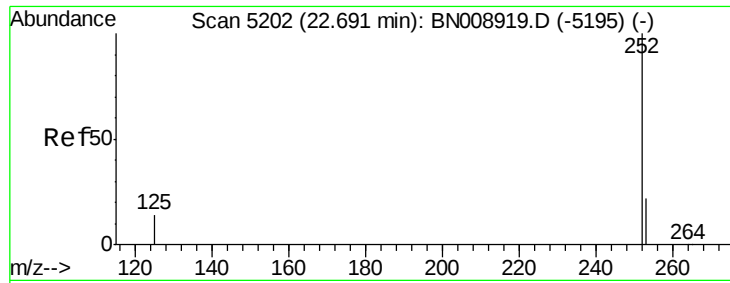
Delta R.T. -0.00 min

Lab File: BN008934.D

Acq: 12 Dec 2019 01:19

Tgt Ion:	252	Resp:	675356
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	48.6
125	12.2	0.0	31.6





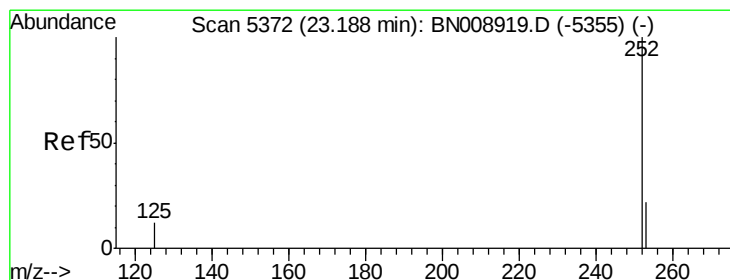
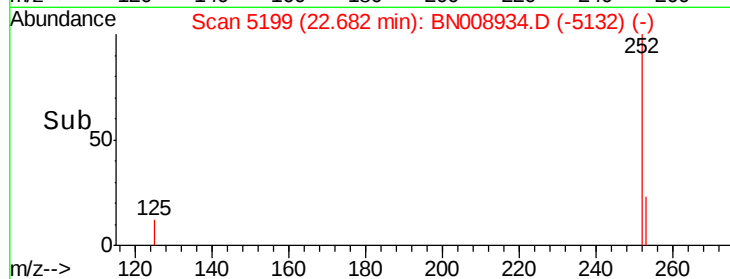
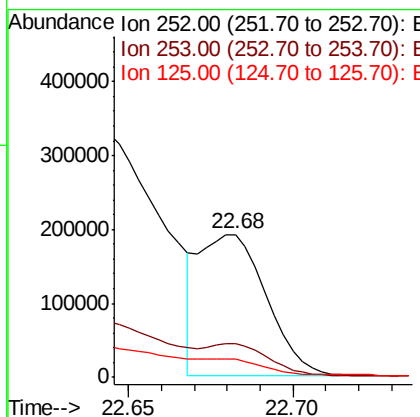
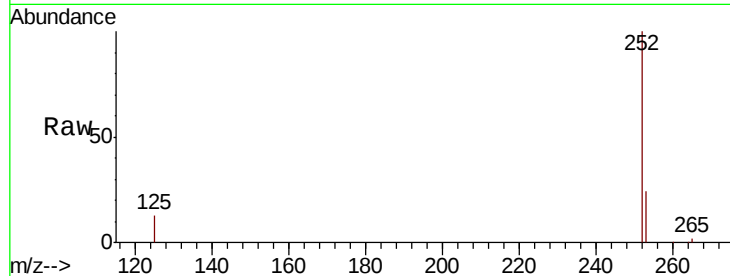
#22
Benzo(k)fluoranthene
Concen: 4.285 ng/ul m
RT: 22.68 min Scan# 5199
Delta R.T. -0.00 min
Lab File: BN008934.D
Acq: 12 Dec 2019 01:19

Instrument :
BNA_N
ClientSampleId :
C0BP7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.6	29.4
125	12.6	13.8	20.6

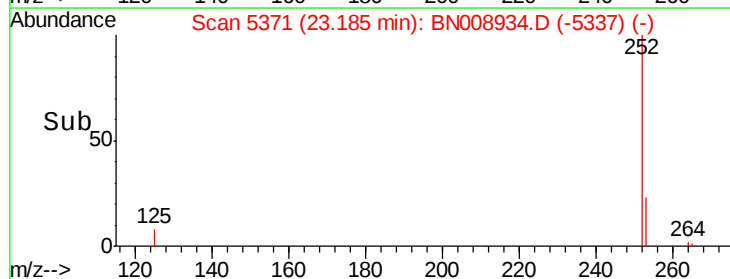
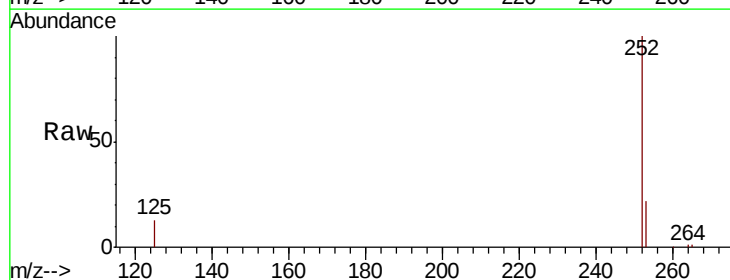
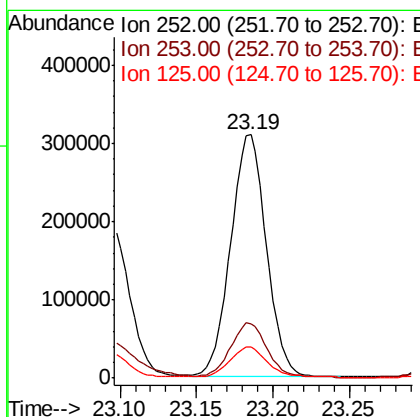
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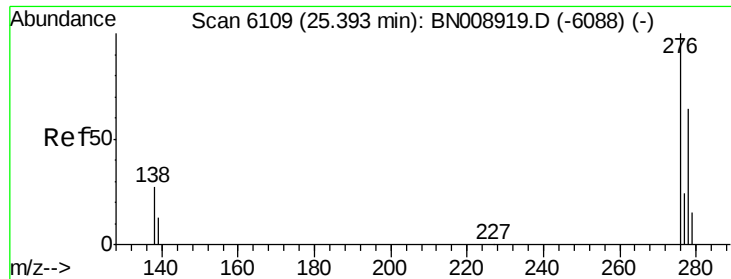
mohammad
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#23
Benzo(a)pyrene
Concen: 8.376 ng/ul m
RT: 23.19 min Scan# 5371
Delta R.T. -0.00 min
Lab File: BN008934.D
Acq: 12 Dec 2019 01:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.9	29.9
125	12.6	14.6	22.0





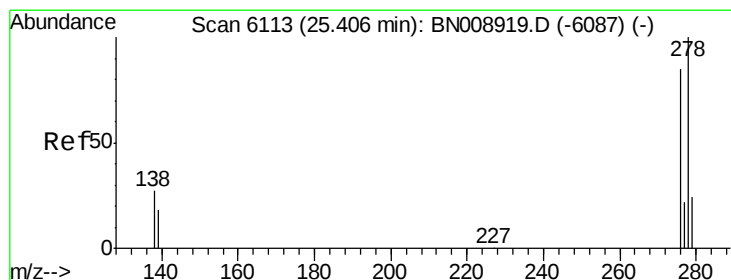
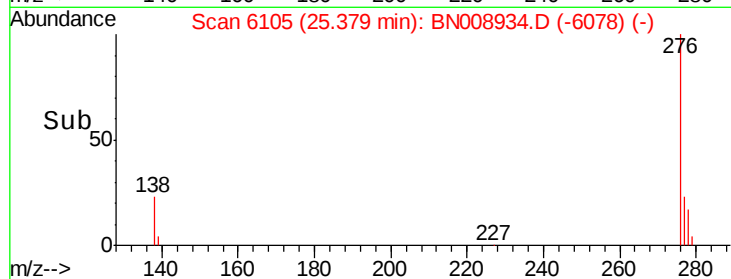
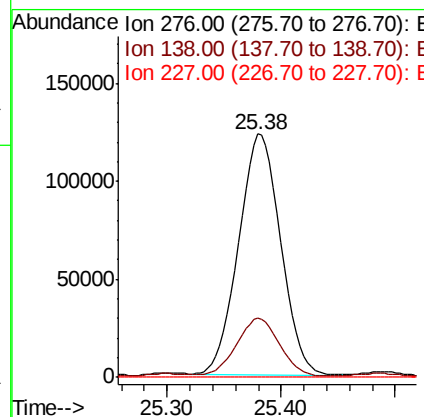
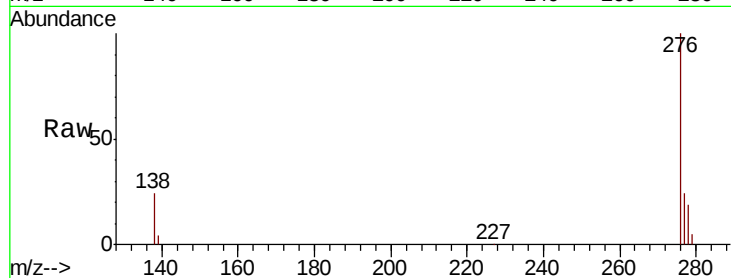
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.488 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008934.D
Acq: 12 Dec 2019 01:19

Instrument :
BNA_N
ClientSampleId :
C0BP7

Tot Ion	Ratio	Resp	Lower	Upper
276	100	313819		
138	24.4		23.8	35.6
227	0.2		0.2	0.2

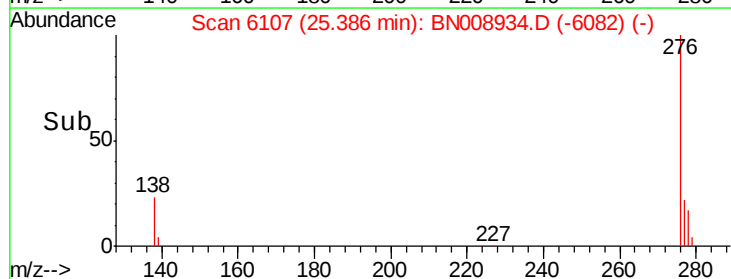
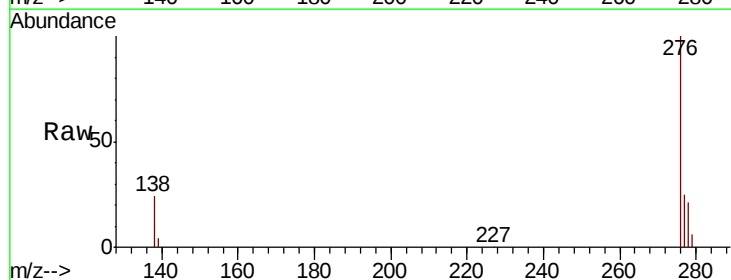
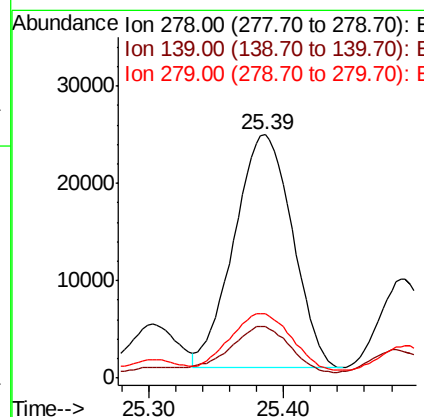
Manual Integrations
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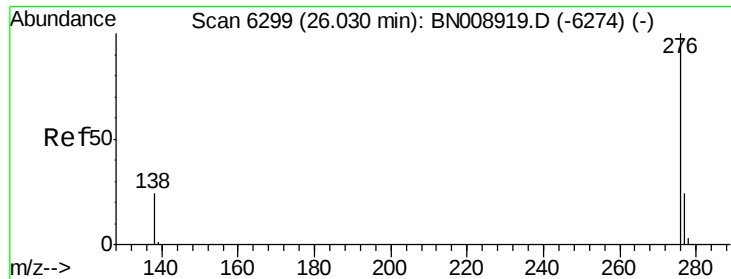
mohammad
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#25
Dibenzo(a,h)anthracene
Concen: 1.277 ng/ul
RT: 25.39 min Scan# 6107
Delta R.T. -0.02 min
Lab File: BN008934.D
Acq: 12 Dec 2019 01:19

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	72084		
139	21.1		17.4	26.0
279	26.2		20.5	30.7





#26
Benzo(a,h,i)perylene
Concen: 5.110 ng/ul
RT: 26.02 min Scan# 6297
Delta R.T. -0.01 min
Lab File: BN008934.D
Acq: 12 Dec 2019 01:19

Instrument :
BNA_N
ClientSampleId :
C0BP7

Tot Ion:	276	Resp:	298854
Ion Ratio	Lower	Upper	
276	100		
138	24.7	21.9	32.9
277	24.0	19.9	29.9

Manual Integrations
APPROVED

mohammad
12/12/2019 11:32:46 AM

