

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008874.D
 Acq On : 06 Dec 2019 23:48
 Operator : JU
 Sample : K6007-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BM2

Manual Integrations
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Quant Time: Dec 07 01:52:38 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 : Fri Dec 06 23:00:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3022	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	13801	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	9436	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	21221	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	19213	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	21310	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	4326	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	12764	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	6342	0.152	ng/ul	97
5) 2-Methylnaphthalene	11.99	142	7299	0.251	ng/ul	99
7) Acenaphthylene	13.91	152	7757	0.149	ng/ul	97
8) Acenaphthene	14.26	153	907	0.023	ng/ul#	94
9) Fluorene	15.25	166	1895	0.042	ng/ul#	83
12) Phenanthrene	16.98	178	35511	0.496	ng/ul	99
13) Anthracene	17.07	178	7599	0.112	ng/ul#	94
15) Fluoranthene	19.00	202	65384	0.744	ng/ul	99
17) Pyrene	19.37	202	64627	0.838	ng/ul	97
18) Benzo(a)anthracene	21.12	228	48647	0.630	ng/ul#	93
19) Chrysene	21.17	228	60430	0.796	ng/ul#	95
21) Benzo(b)fluoranthene	22.65	252	82706m	0.941	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	22785m	0.261	ng/ul	
23) Benzo(a)pyrene	23.19	252	43976	0.533	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.40	276	30409	0.315	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.40	278	9880	0.127	ng/ul#	79
26) Benzo(a,h,i)perylene	26.04	276	29053	0.360	ng/ul	99

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

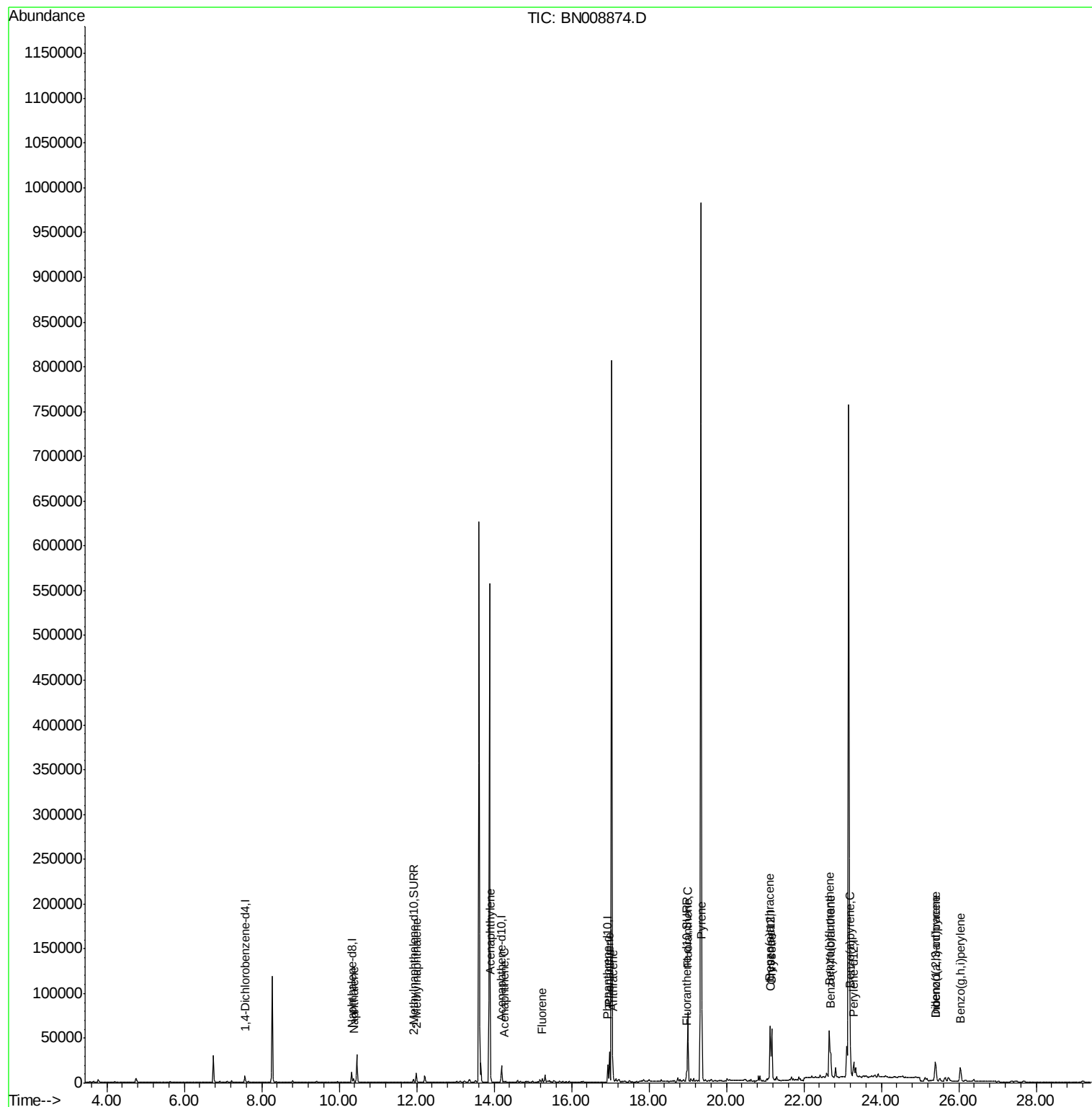
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008874.D
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Sample : K6007-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

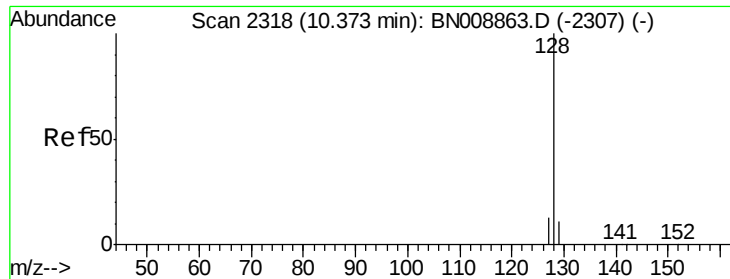
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Dec 07 01:52:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 23:00:12 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.152 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN008874.D

Acq: 06 Dec 2019 23:48

Instrument :

BNA_N

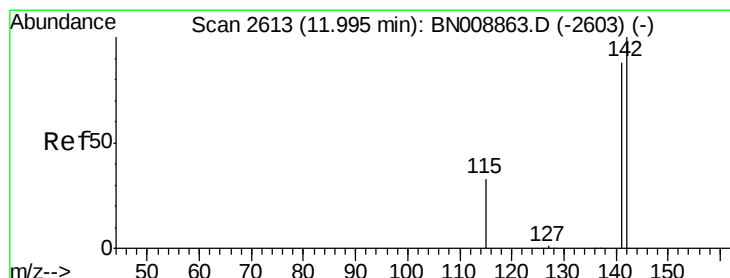
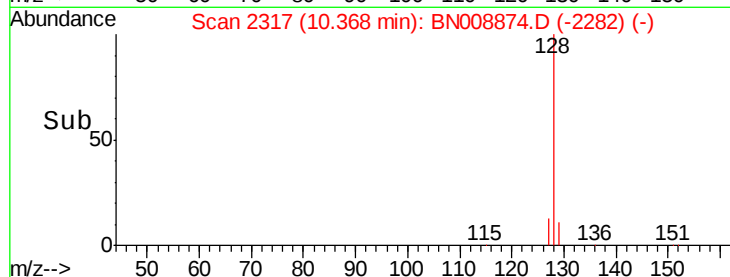
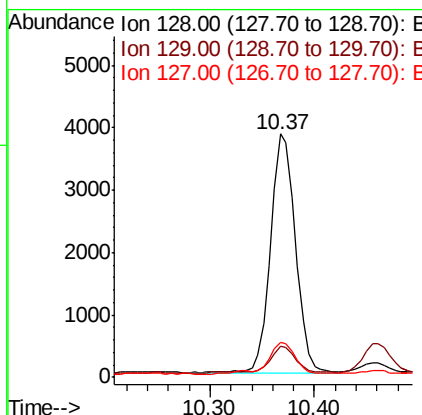
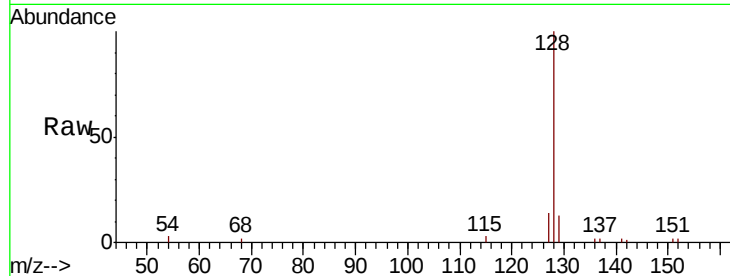
ClientSampled :

C0BM2

Tot Ion:	128	Resp:	6342
Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.1	13.7
127	14.3	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.251 ng/ul

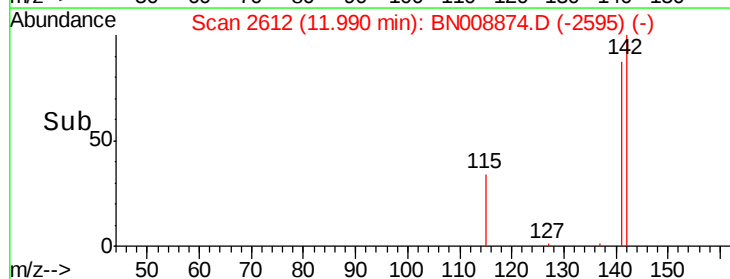
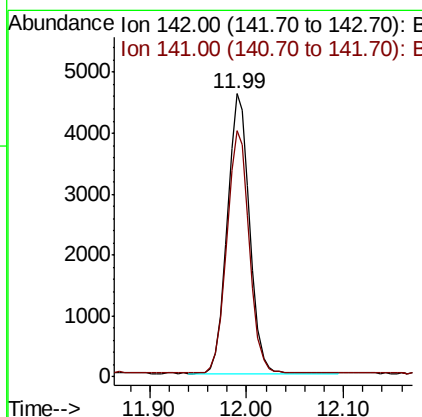
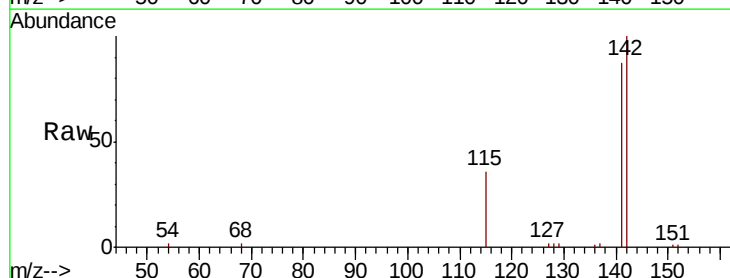
RT: 11.99 min Scan# 2612

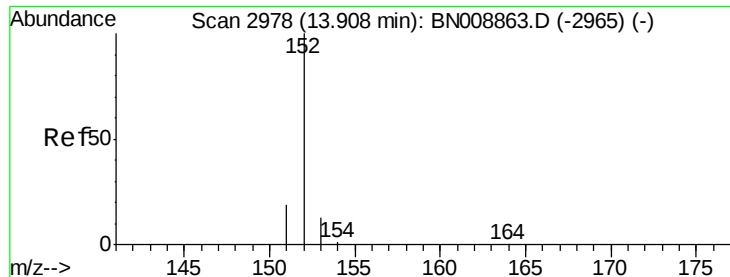
Delta R.T. -0.01 min

Lab File: BN008874.D

Acq: 06 Dec 2019 23:48

Tgt Ion:	142	Resp:	7299
Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.1	105.1





#7

Acenaphthylene

Concen: 0.149 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. 0.00 min

Lab File: BN008874.D

Acq: 06 Dec 2019 23:48

Instrument :

BNA_N

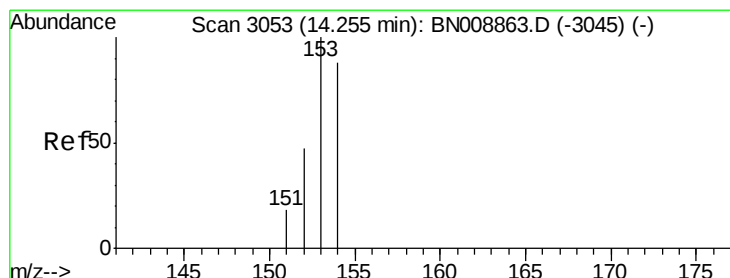
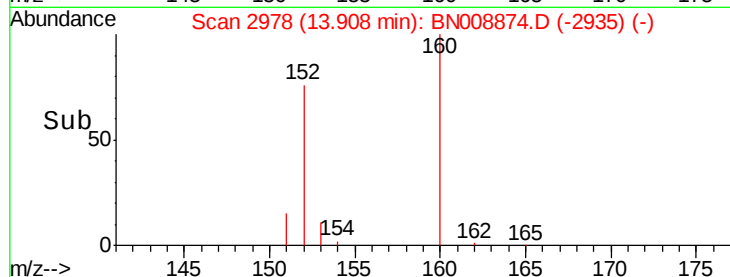
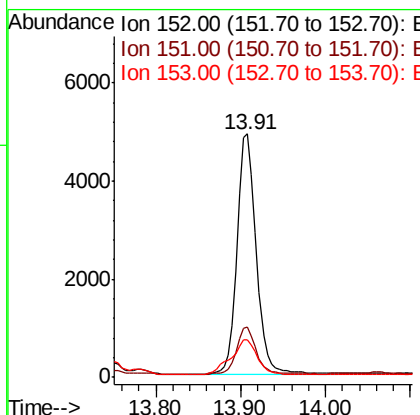
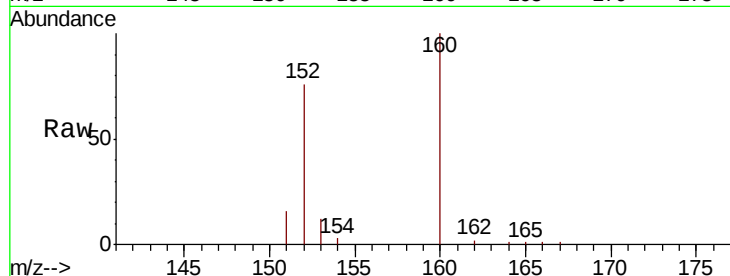
ClientSampleId :

C0BM2

Tot Ion:	152	Resp:	7757
Ion Ratio	Lower	Upper	
152	100		
151	20.5	15.8	23.6
153	15.3	10.6	15.8

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#8

Acenaphthene

Concen: 0.023 ng/ul

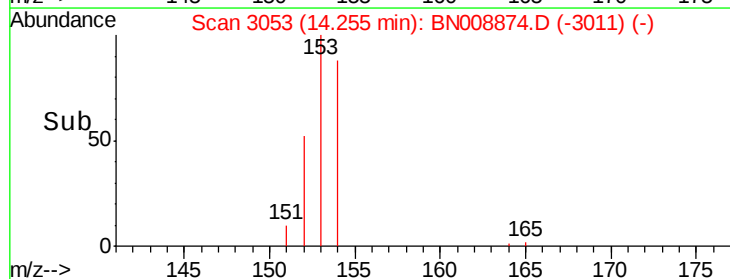
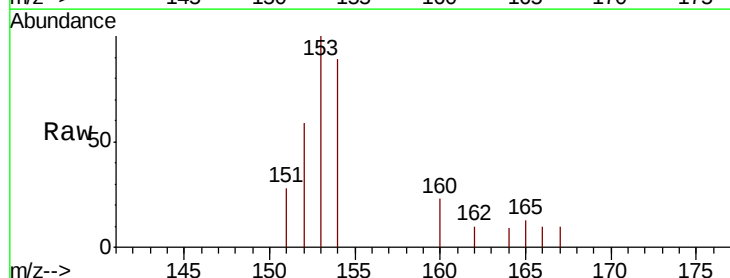
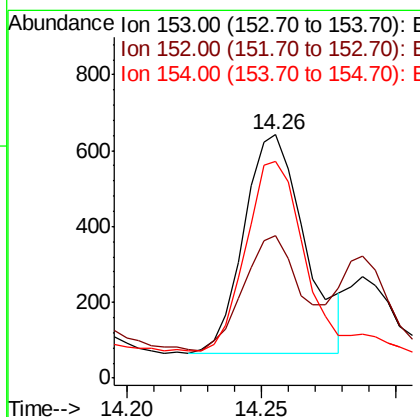
RT: 14.26 min Scan# 3053

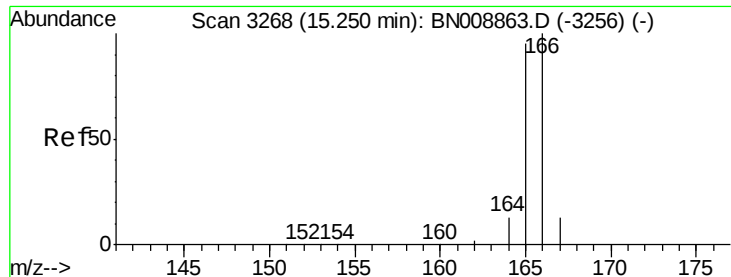
Delta R.T. -0.00 min

Lab File: BN008874.D

Acq: 06 Dec 2019 23:48

Tgt Ion:	153	Resp:	907
Ion Ratio	Lower	Upper	
153	100		
152	58.7	38.6	58.0#
154	88.9	70.6	105.8





#9

Fluorene

Concen: 0.042 ng/ul

RT: 15.25 min Scan# 3267

Delta R.T. -0.00 min

Lab File: BN008874.D

Acq: 06 Dec 2019 23:48

Instrument :

BNA_N

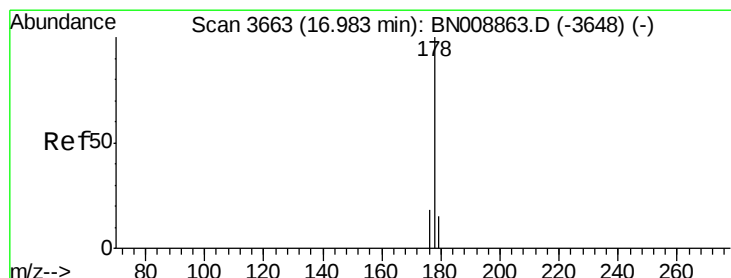
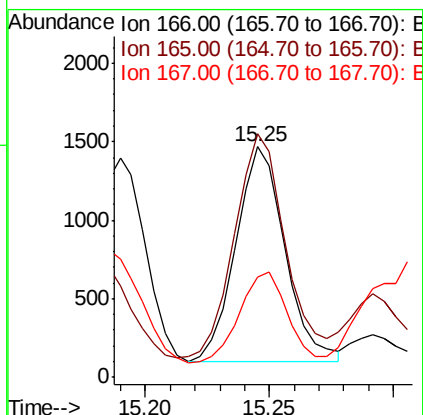
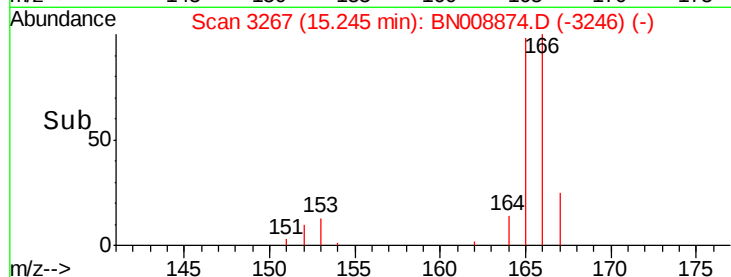
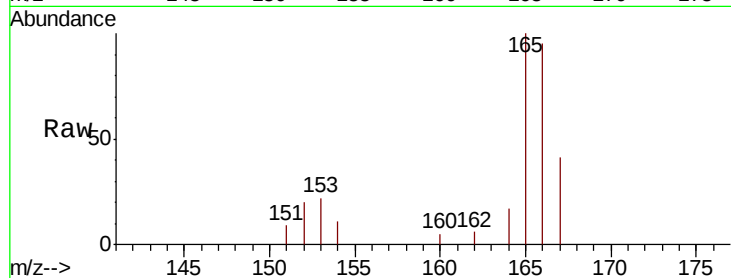
ClientSampleId :

C0BM2

Tot Ion:	166	Resp:	1895
Ion Ratio	Lower	Upper	
166	100		
165	105.6	77.7	116.5
167	43.6	11.1	16.7#

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#12

Phenanthrene

Concen: 0.496 ng/ul

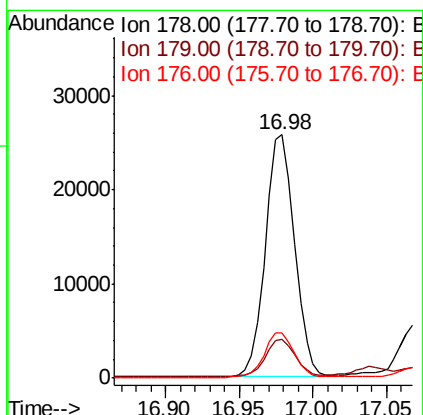
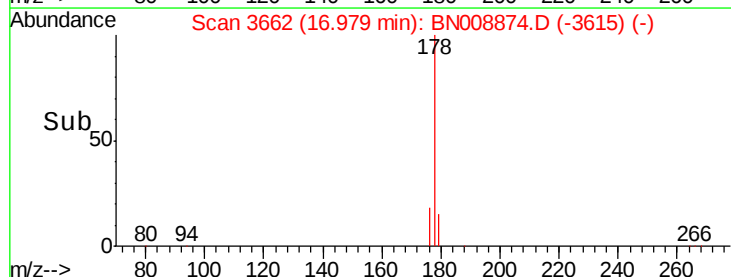
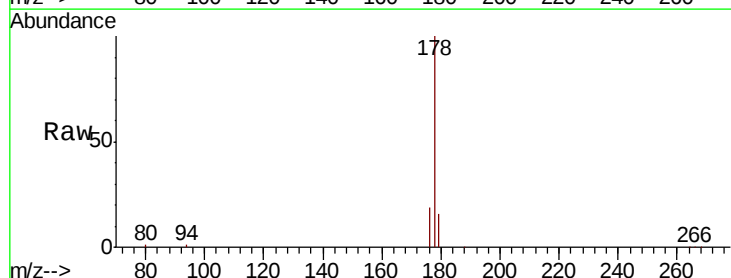
RT: 16.98 min Scan# 3662

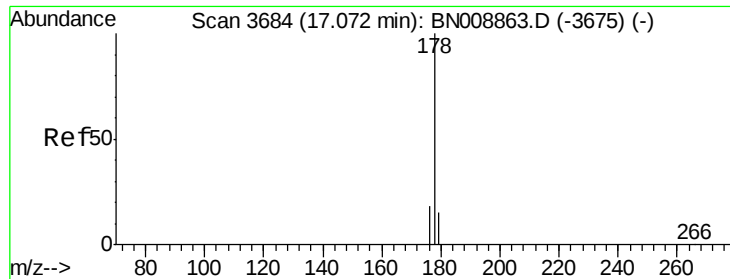
Delta R.T. 0.00 min

Lab File: BN008874.D

Acq: 06 Dec 2019 23:48

Tgt Ion:	178	Resp:	35511
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	18.8
176	18.6	15.3	22.9





#13

Anthracene

Concen: 0.112 ng/ul

RT: 17.07 min Scan# 3683

Delta R.T. -0.00 min

Lab File: BN008874.D

Acq: 06 Dec 2019 23:48

Instrument :

BNA_N

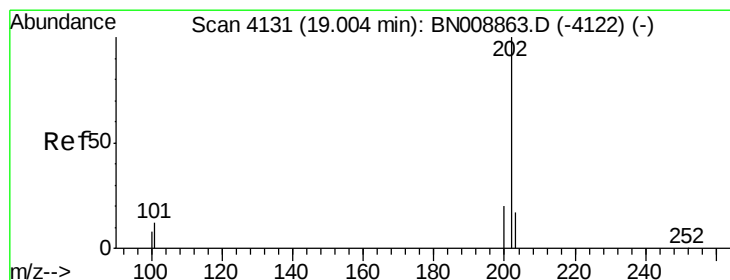
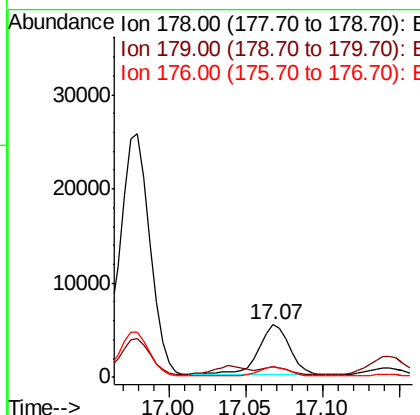
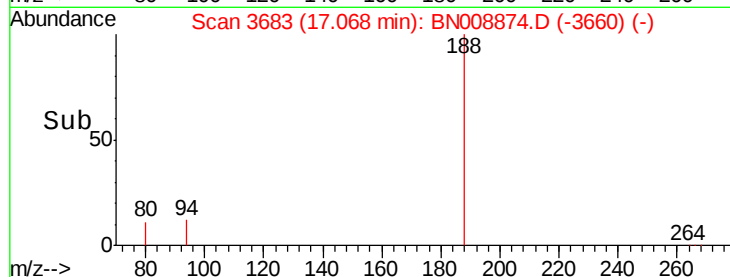
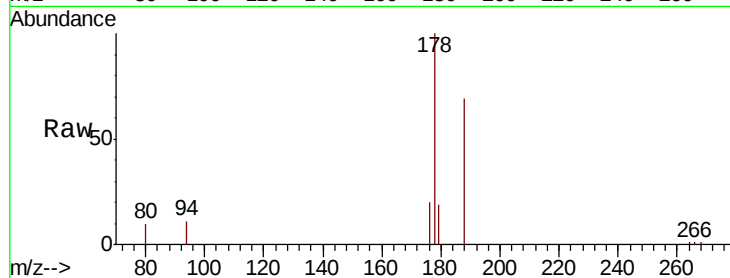
ClientSampleId :

C0BM2

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.2	18.4#
176	19.8	14.7	22.1

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#15

Fluoranthene

Concen: 0.744 ng/ul

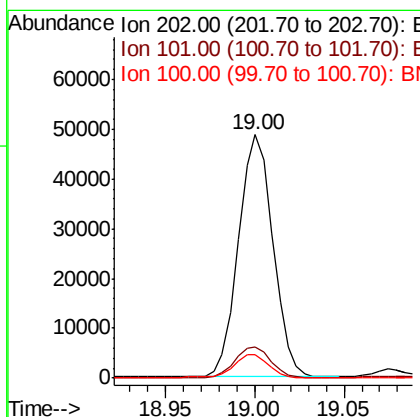
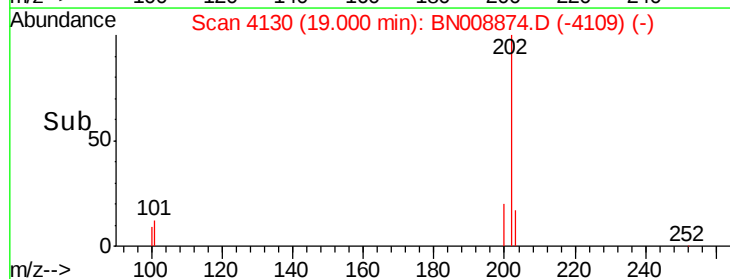
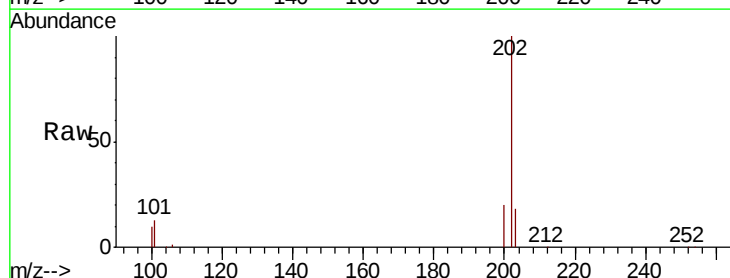
RT: 19.00 min Scan# 4130

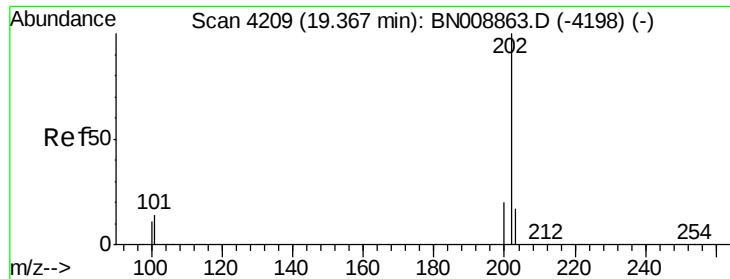
Delta R.T. -0.00 min

Lab File: BN008874.D

Acq: 06 Dec 2019 23:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.4
100	9.5	0.0	29.2





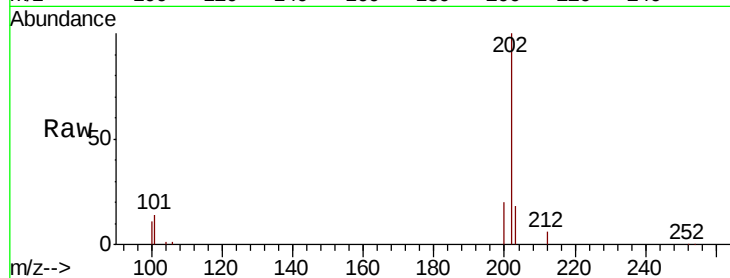
#17
Pvrene
Concen: 0.838 ng/ul
RT: 19.37 min Scan# 4209
Delta R.T. 0.00 min
Lab File: BN008874.D
Acq: 06 Dec 2019 23:48

Instrument :
BNA_N
ClientSampleId :
C0BM2

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	12.2	18.4
100	10.8	9.5	14.3

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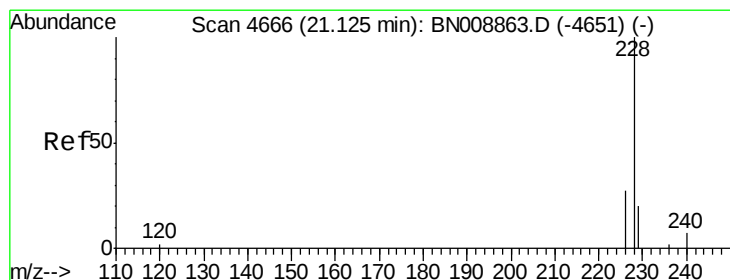
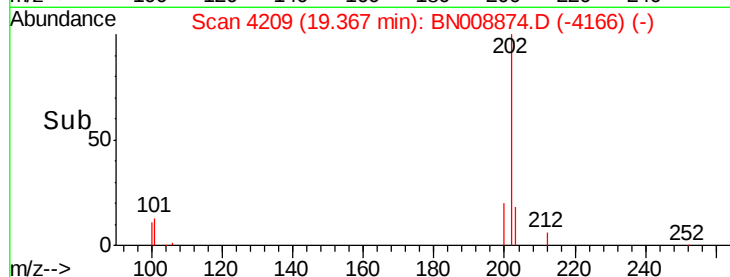
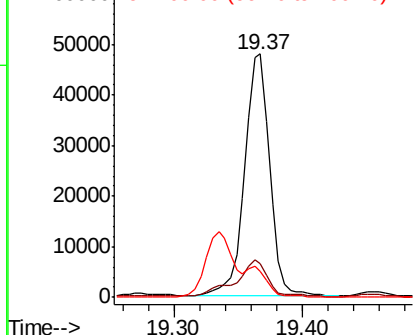


Abundance

Ion 202.00 (201.70 to 202.70): E

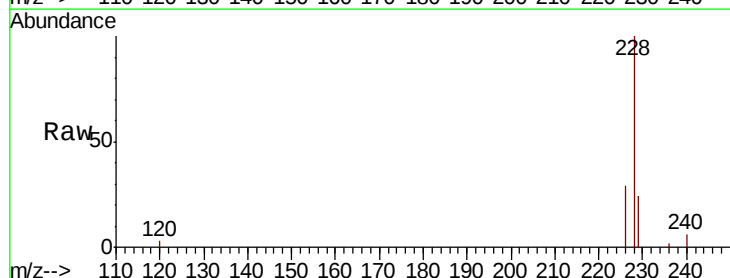
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18
Benzo(a)anthracene
Concen: 0.630 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. -0.01 min
Lab File: BN008874.D
Acq: 06 Dec 2019 23:48

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.8	15.7	23.5#
226	29.4	21.5	32.3

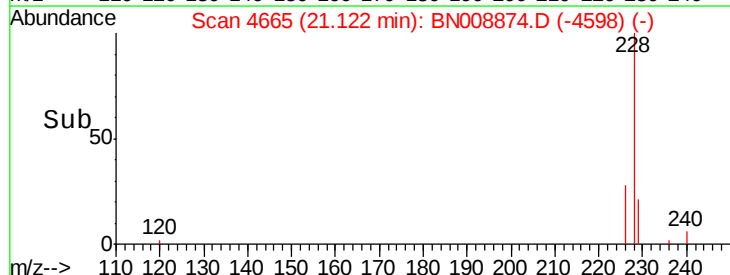
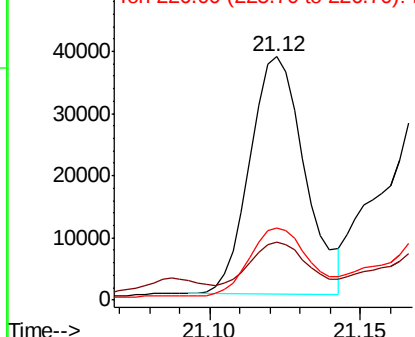


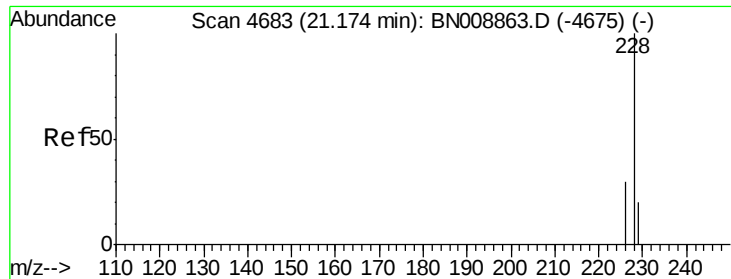
Abundance

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: 0.796 ng/ul

RT: 21.17 min Scan# 4682

Delta R.T. -0.01 min

Lab File: BN008874.D

Acq: 06 Dec 2019 23:48

Instrument :

BNA_N

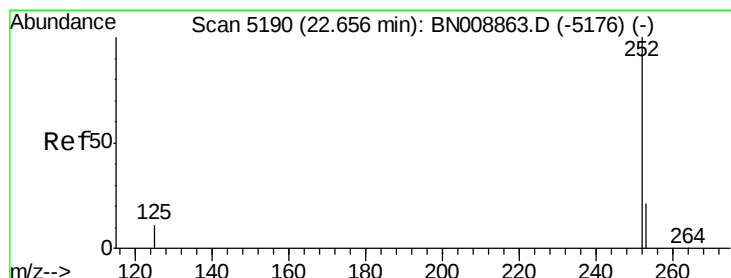
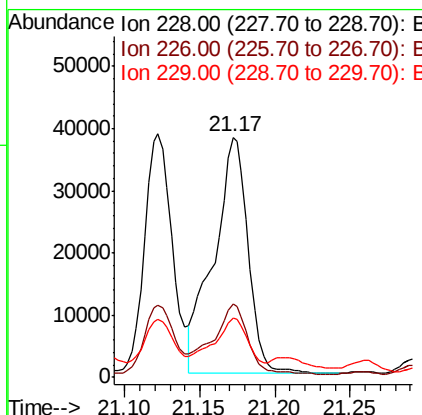
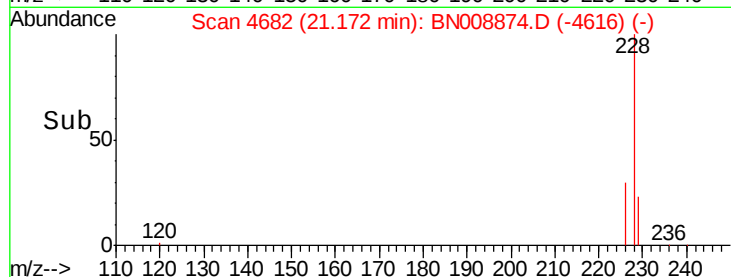
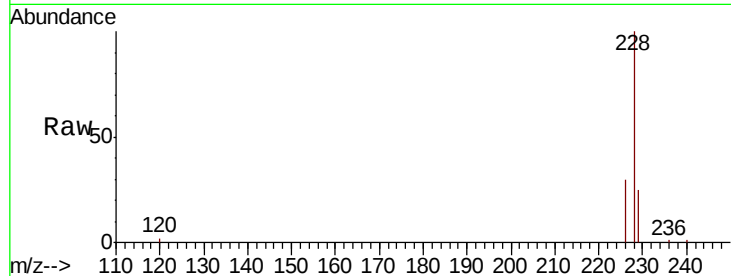
ClientSampled :

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Tot Ion:	228	Resp:	60430
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.6
229	24.7	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 0.941 ng/ul m

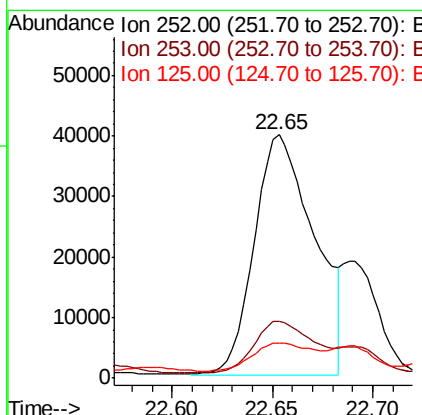
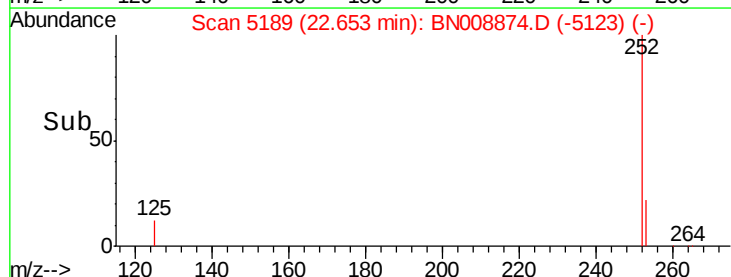
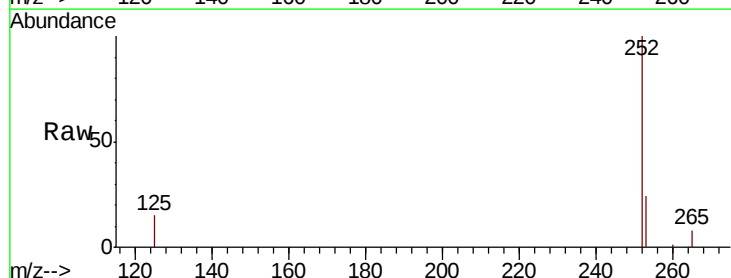
RT: 22.65 min Scan# 5189

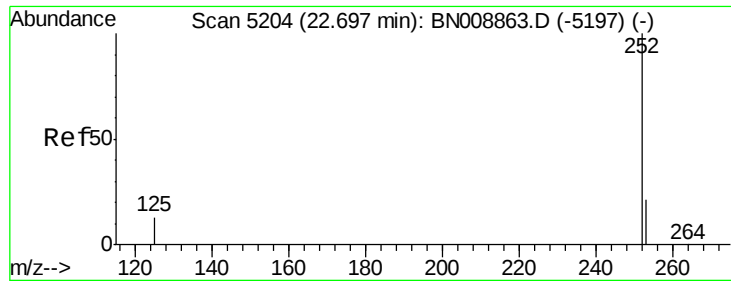
Delta R.T. -0.01 min

Lab File: BN008874.D

Acq: 06 Dec 2019 23:48

Tgt Ion:	252	Resp:	82706
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	48.6
125	14.5	0.0	31.6





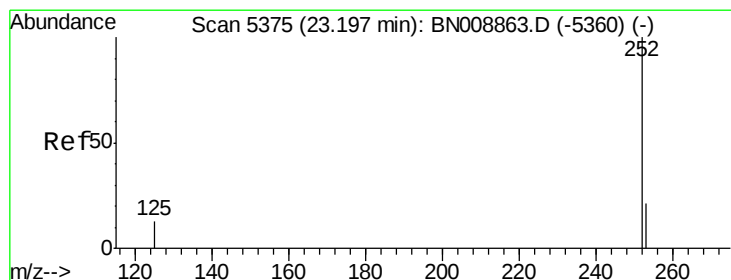
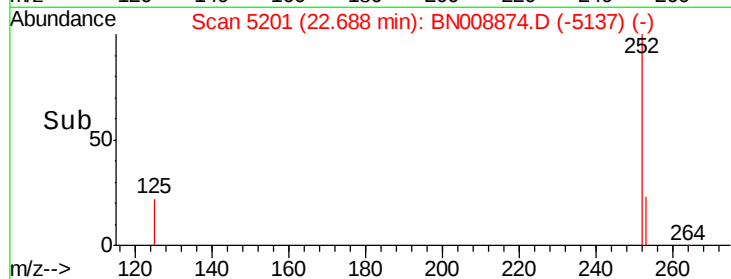
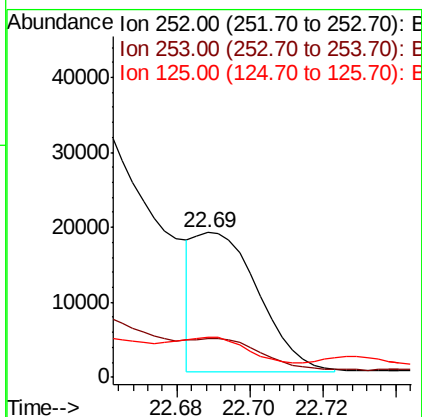
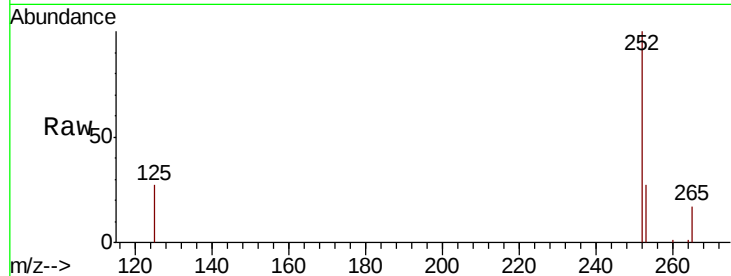
#22
Benzo(k)fluoranthene
Concen: 0.261 ng/ul m
RT: 22.69 min Scan# 5201
Delta R.T. -0.01 min
Lab File: BN008874.D
Acq: 06 Dec 2019 23:48

Instrument :
BNA_N
ClientSampleId :
C0BM2

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.6	29.4
125	27.4	13.8	20.6

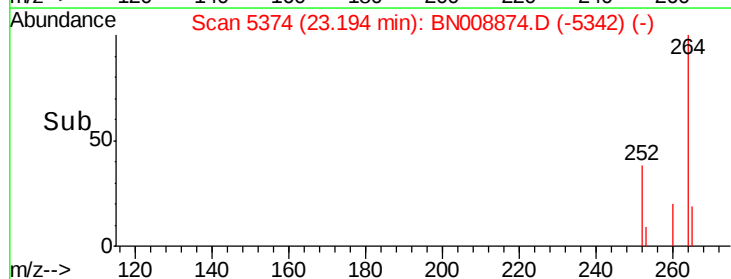
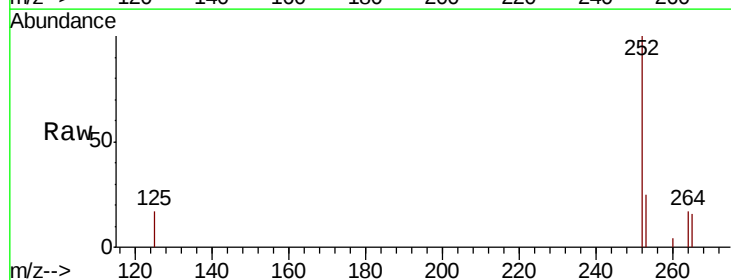
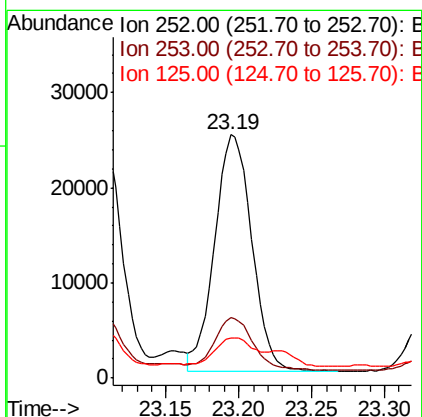
Manual Integrations
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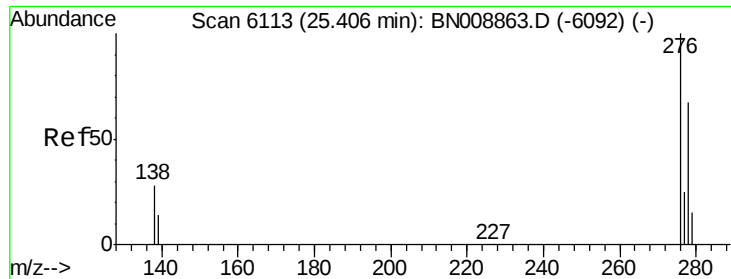
mohammad
12/9/2019 3:08:06 PM



#23
Benzo(a)pyrene
Concen: 0.533 ng/ul
RT: 23.19 min Scan# 5374
Delta R.T. -0.01 min
Lab File: BN008874.D
Acq: 06 Dec 2019 23:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.9	29.9
125	16.5	14.6	22.0





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.315 ng/ul

RT: 25.40 min Scan# 6111

Delta R.T. -0.01 min

Lab File: BN008874.D

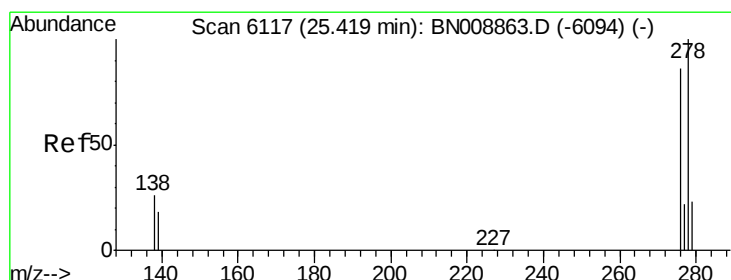
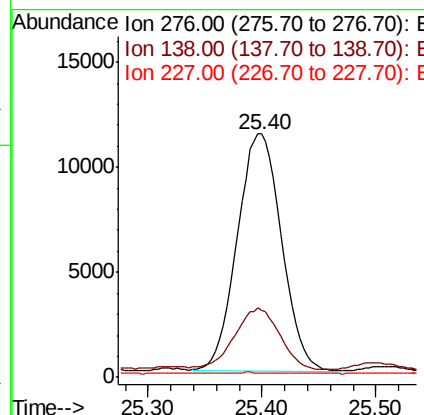
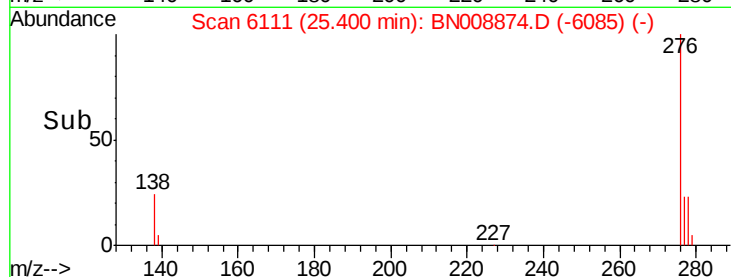
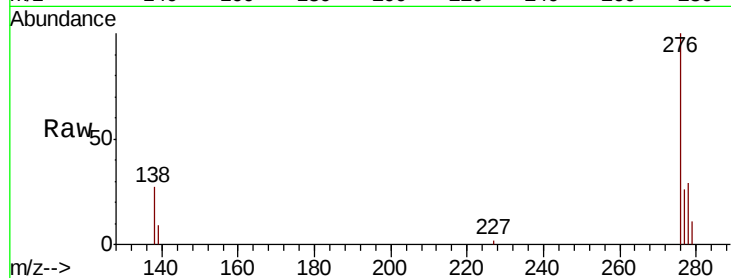
Acq: 06 Dec 2019 23:48

Instrument :
BNA_N
ClientSampleId :
C0BM2

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	23.8	35.6
227	0.6	0.2	0.2#

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#25

Dibenzo(a,h)anthracene

Concen: 0.127 ng/ul

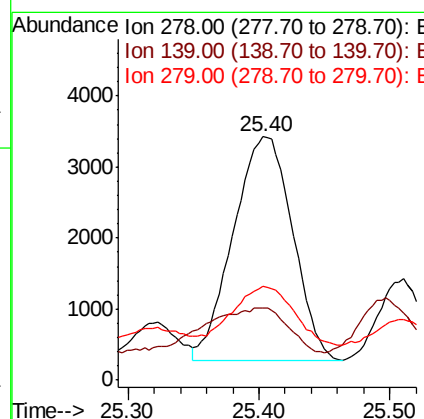
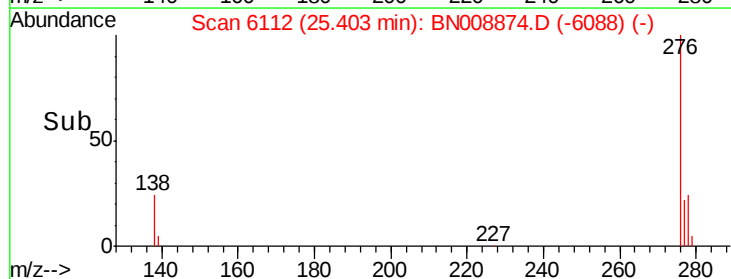
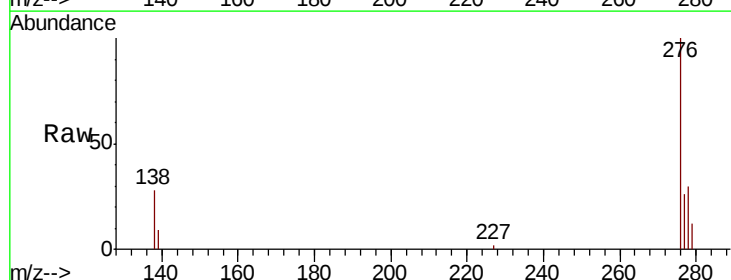
RT: 25.40 min Scan# 6112

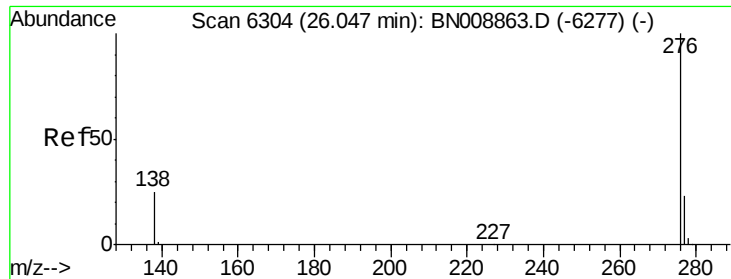
Delta R.T. -0.02 min

Lab File: BN008874.D

Acq: 06 Dec 2019 23:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.4	17.4	26.0#
279	38.3	20.5	30.7#





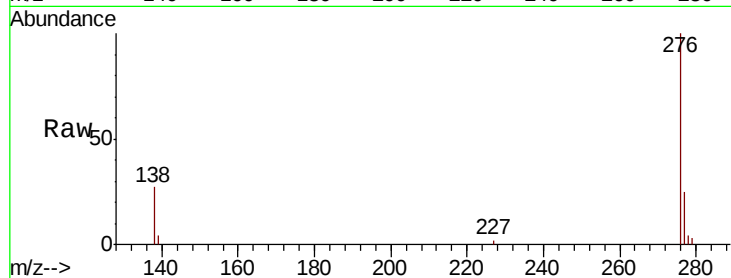
#26
 Benzo(a,h,i)perylene
 Concen: 0.360 ng/ul
 RT: 26.04 min Scan# 6302
 Delta R.T. -0.01 min
 Lab File: BN008874.D
 Acq: 06 Dec 2019 23:48

Instrument :
 BNA_N
 ClientSampleId :
 C0BM2

Tot Ion:	276	Resp:	29053
Ion Ratio	Lower	Upper	
276	100		
138	26.8	21.9	32.9
277	24.8	19.9	29.9

Manual Integrations
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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

