

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
 Data File : BN008673.D
 Acq On : 20 Nov 2019 22:44
 Operator : JU
 Sample : K5851-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB0

Manual Integrations
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Quant Time: Nov 21 01:24:37 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 : Wed Nov 20 04:45:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4166	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	15703	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8725	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	17710	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	14371	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	14281	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3910	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	8895	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	7942	0.168	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	10106	0.306	ng/ul	100
8) Acenaphthene	14.30	153	3294	0.092	ng/ul	97
9) Fluorene	15.29	166	4482	0.107	ng/ul#	98
12) Phenanthrene	17.02	178	73000	1.222	ng/ul	98
13) Anthracene	17.11	178	14328	0.254	ng/ul	99
15) Fluoranthene	19.04	202	120151	1.637	ng/ul	93
17) Pyrene	19.41	202	106070	1.840	ng/ul	99
18) Benzo(a)anthracene	21.16	228	53653	0.928	ng/ul	98
19) Chrysene	21.22	228	58210	1.025	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	69290m	1.177	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	24945m	0.427	ng/ul	
23) Benzo(a)pyrene	23.26	252	47296	0.856	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.49	276	34068	0.527	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.50	278	8217	0.157	ng/ul#	72
26) Benzo(a,h,i)perylene	26.14	276	34675	0.641	ng/ul	98

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

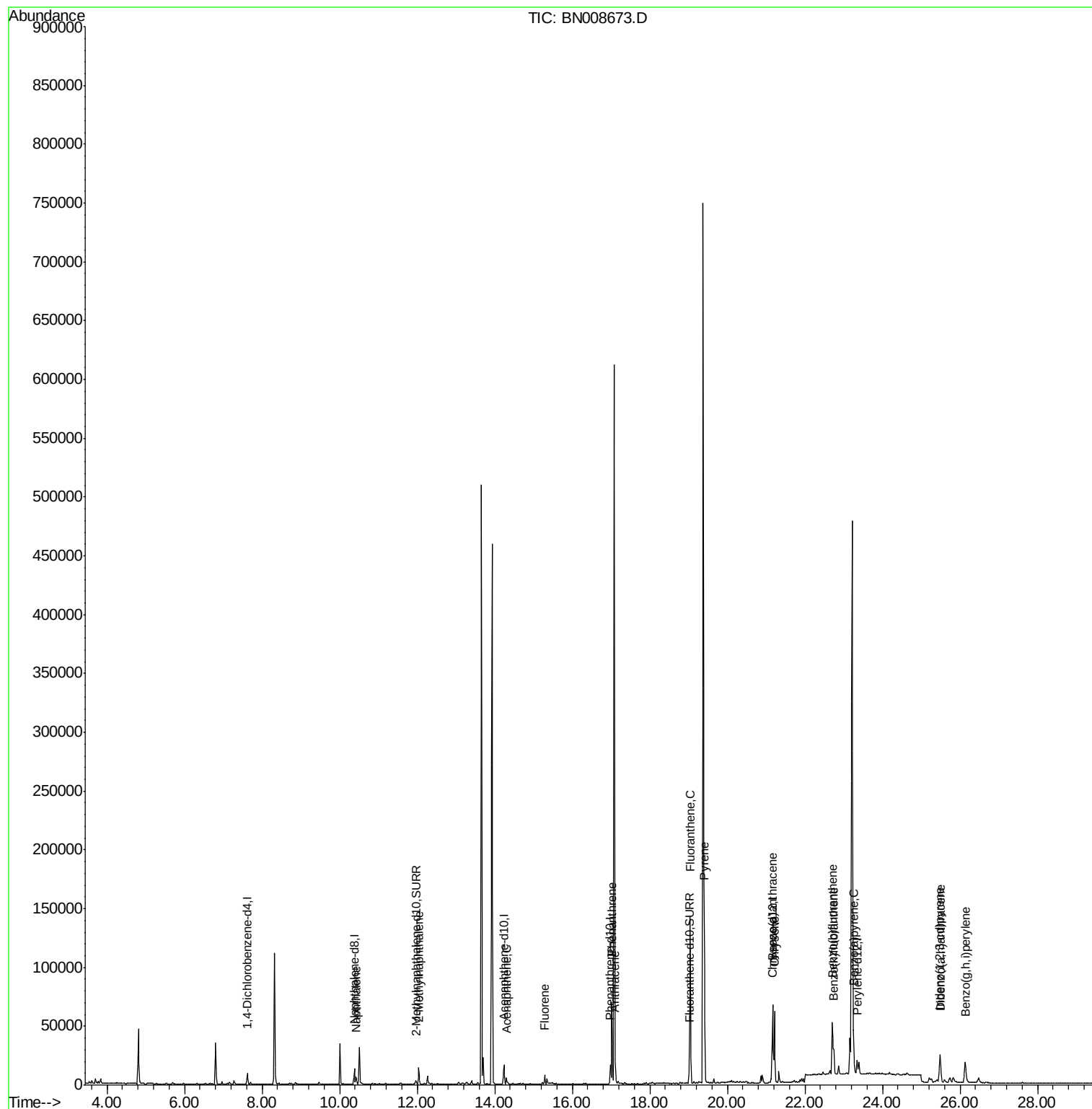
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008673.D
Acq On : 20 Nov 2019 22:44
Operator : JU
Sample : K5851-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

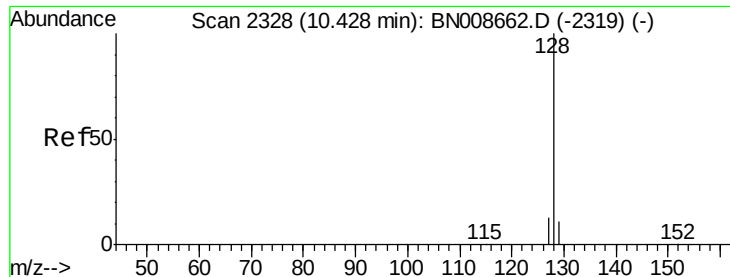
Instrument :
BNA_N
ClientSampleId :
C0AB0

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Quant Time: Nov 21 01:24:37 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 : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.168 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BN008673.D

Acq: 20 Nov 2019 22:44

Instrument :

BNA_N

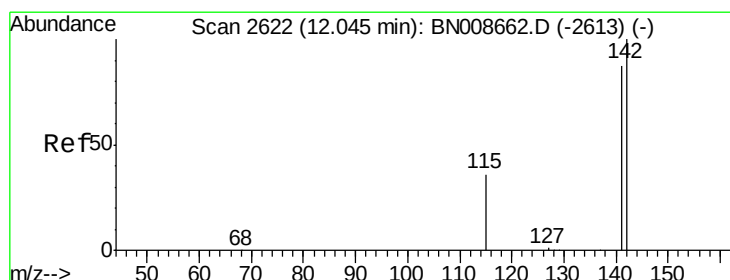
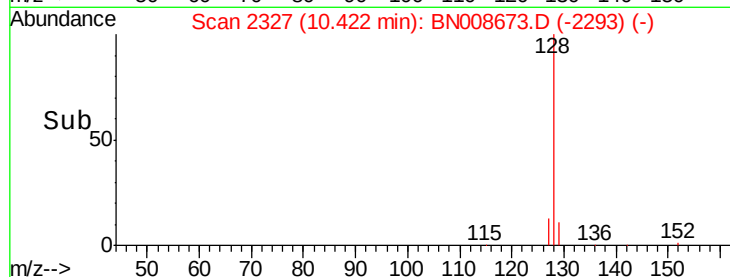
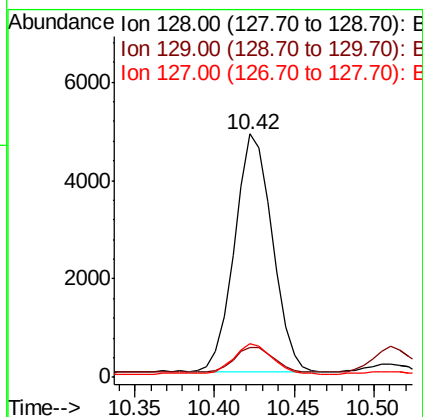
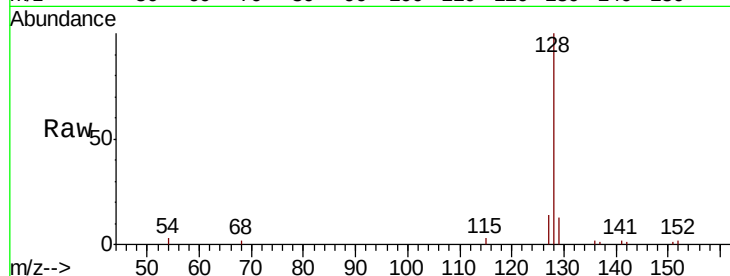
ClientSampled :

C0AB0

Tot Ion:	128	Resp:	7942
Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.7	14.5
127	13.7	10.8	16.2

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#5

2-Methylnaphthalene

Concen: 0.306 ng/ul

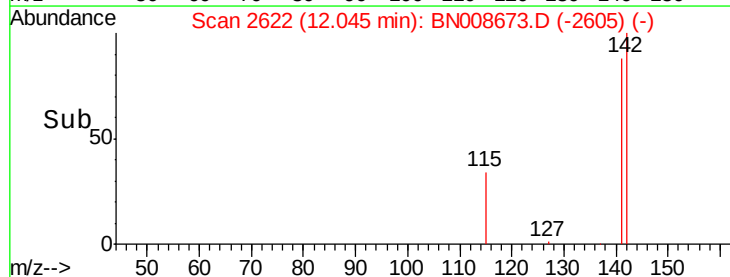
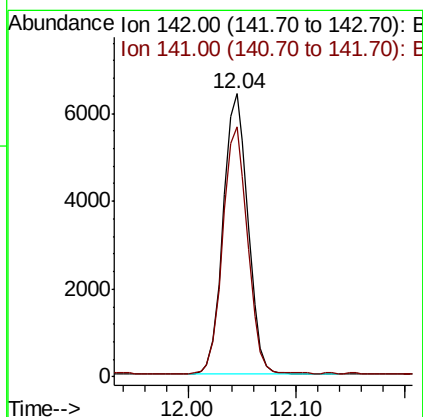
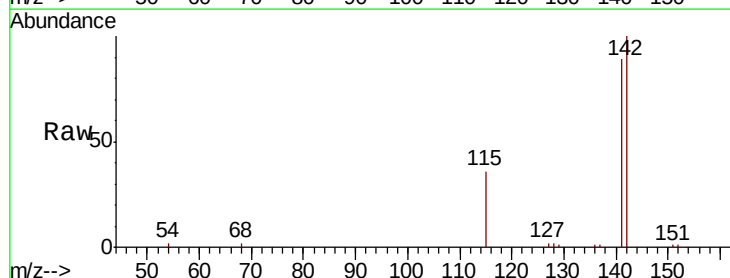
RT: 12.04 min Scan# 2622

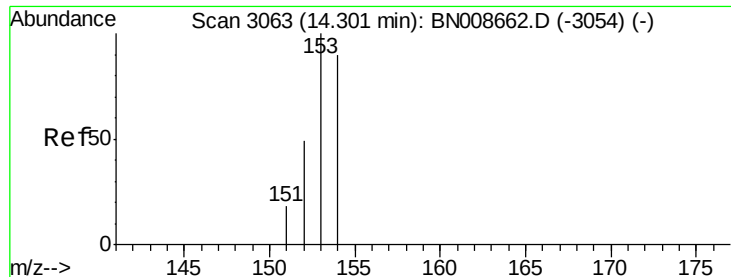
Delta R.T. -0.01 min

Lab File: BN008673.D

Acq: 20 Nov 2019 22:44

Tgt Ion:	142	Resp:	10106
Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.5	105.7





#8

Acenaphthene

Concen: 0.092 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008673.D

Acq: 20 Nov 2019 22:44

Instrument :

BNA_N

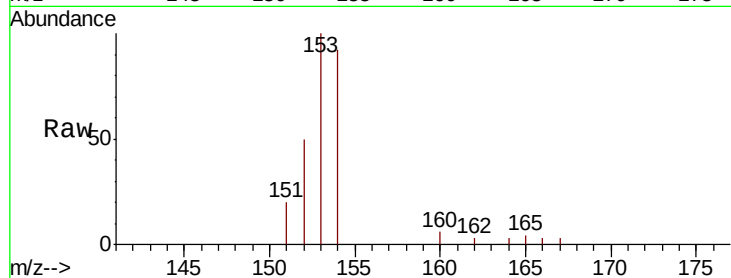
ClientSampleId :

C0AB0

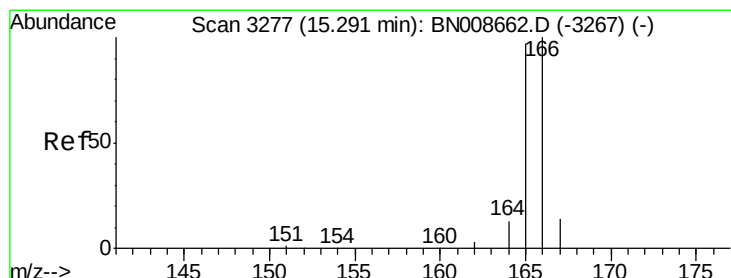
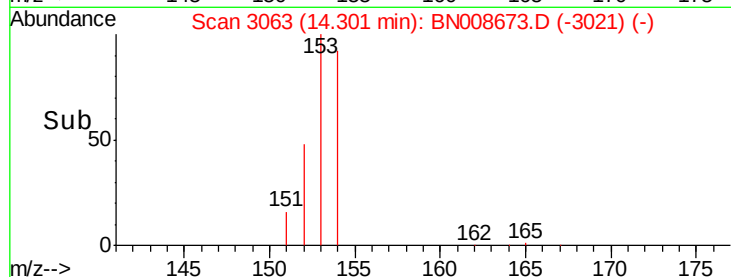
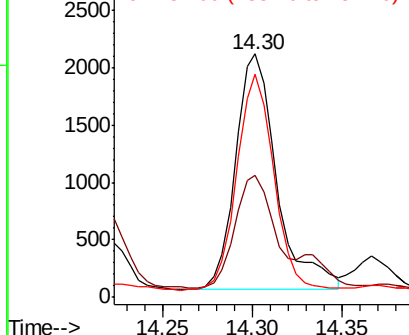
Tot Ion:	153	Resp:	3294
Ion	Ratio	Lower	Upper
153	100		
152	50.1	39.6	59.4
154	91.6	70.6	106.0

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.107 ng/ul

RT: 15.29 min Scan# 3277

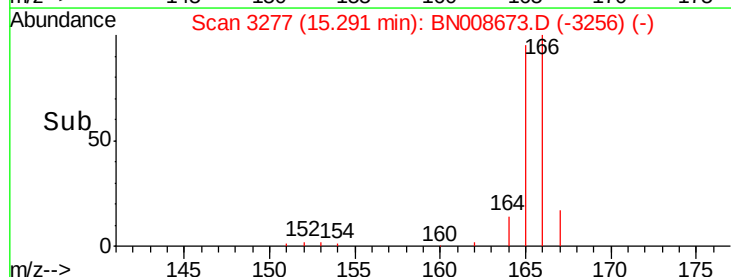
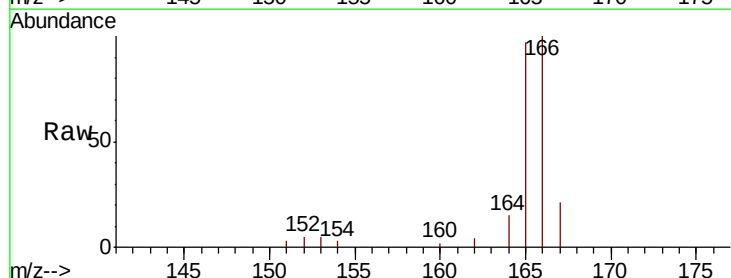
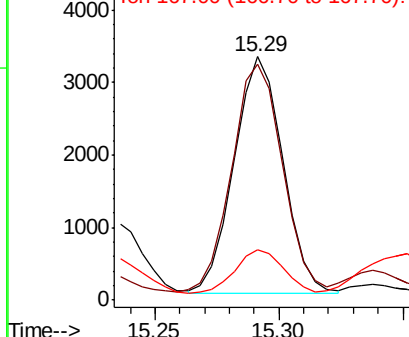
Delta R.T. -0.00 min

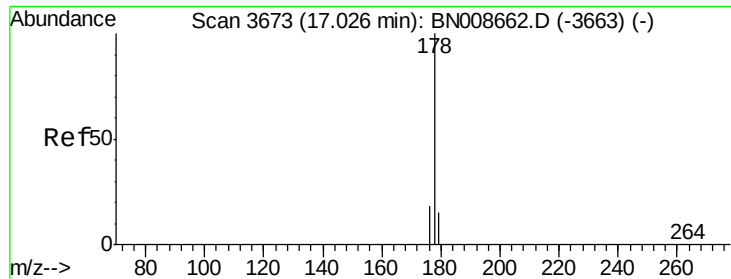
Lab File: BN008673.D

Acq: 20 Nov 2019 22:44

Tgt Ion:	166	Resp:	4482
Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.4	116.0
167	20.8	11.4	17.0#

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





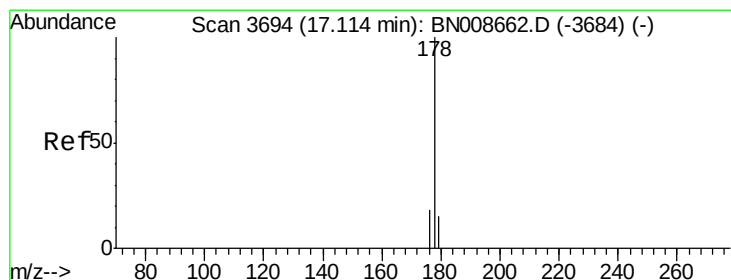
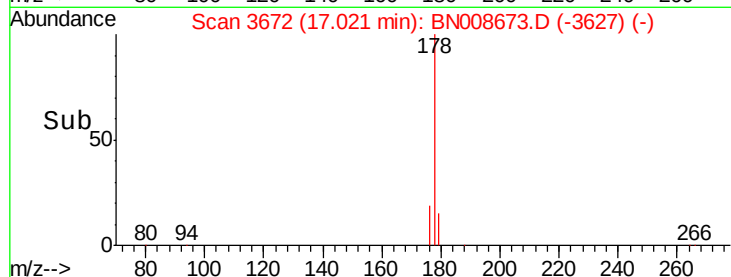
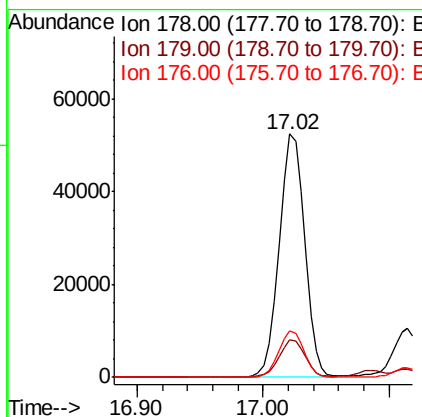
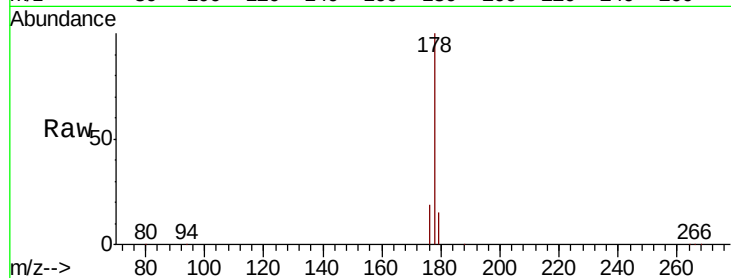
#12
Phenanthrene
Concen: 1.222 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Instrument :
BNA_N
ClientSampleId :
C0AB0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	19.1	16.0	24.0

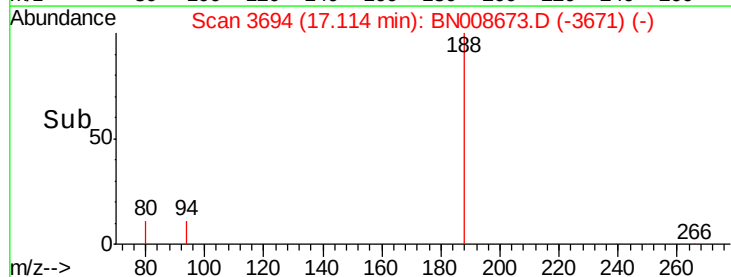
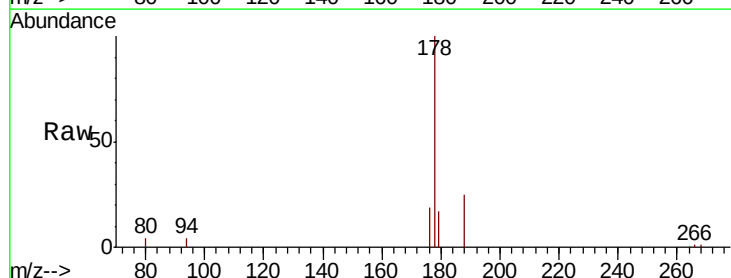
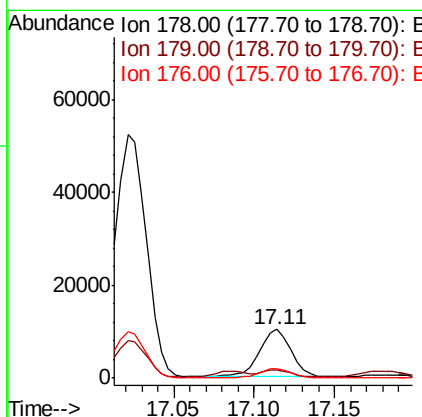
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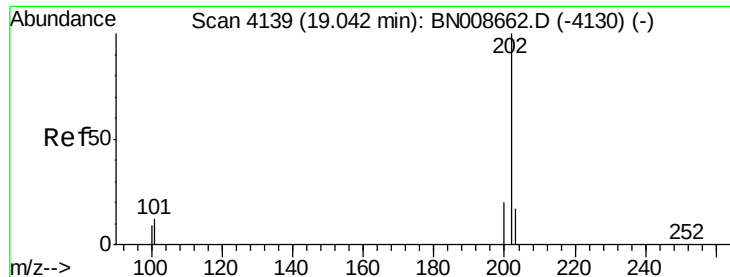
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#13
Anthracene
Concen: 0.254 ng/ul
RT: 17.11 min Scan# 3694
Delta R.T. -0.00 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.4
176	18.8	15.3	22.9





#15

Fluoranthene

Concen: 1.637 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. -0.01 min

Lab File: BN008673.D

Acq: 20 Nov 2019 22:44

Instrument :

BNA_N

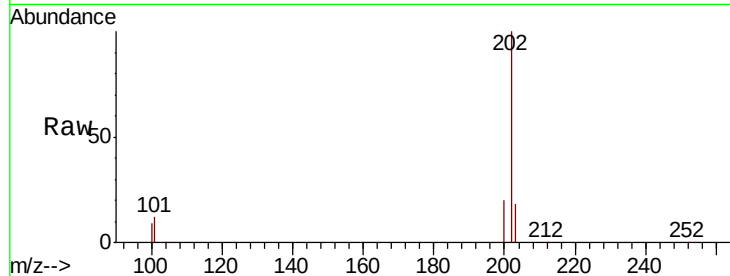
ClientSampleId :

C0AB0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		120151		
101	12.2	0.0	29.6		
100	9.4	0.0	27.0		

Manual Integrations
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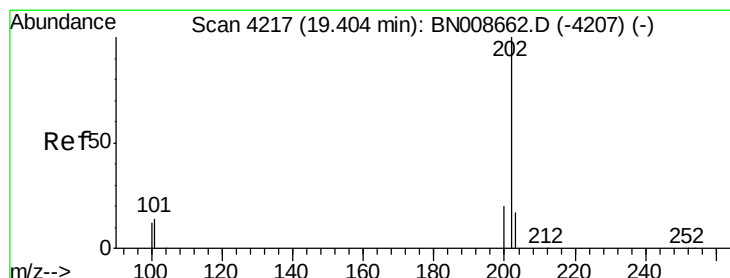
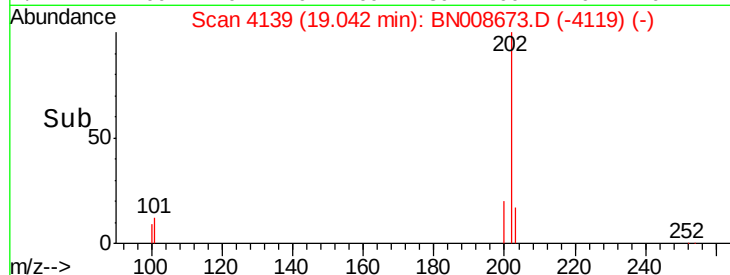
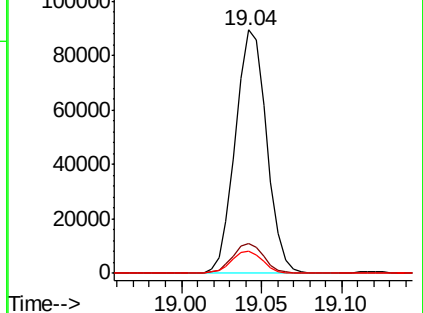
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 1.840 ng/ul

RT: 19.41 min Scan# 4218

Delta R.T. 0.00 min

Lab File: BN008673.D

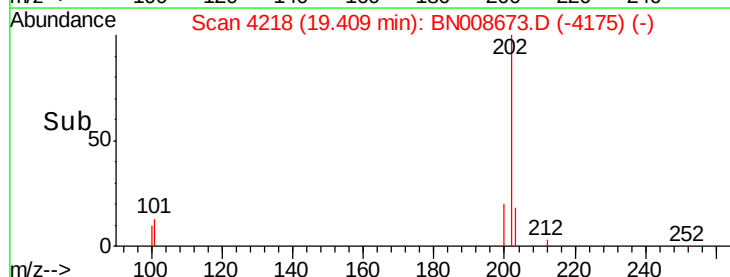
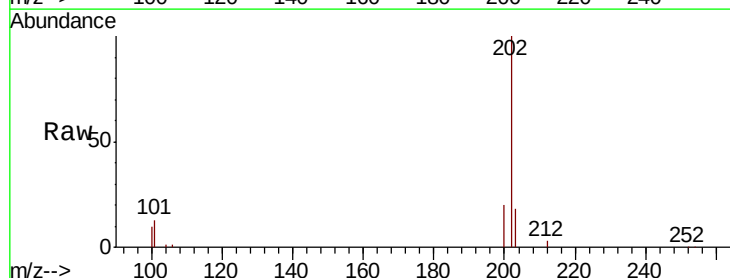
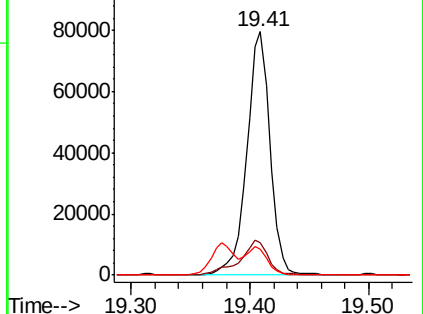
Acq: 20 Nov 2019 22:44

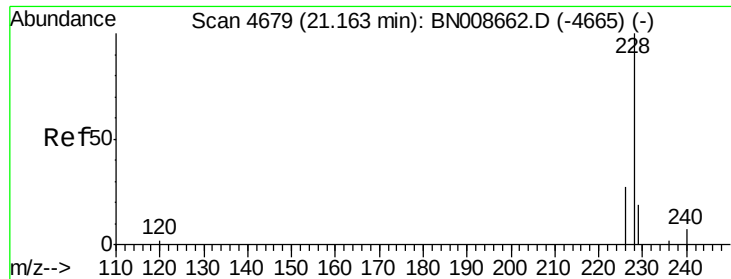
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		106070		
101	13.2	10.2	15.2		
100	10.5	8.2	12.2		

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





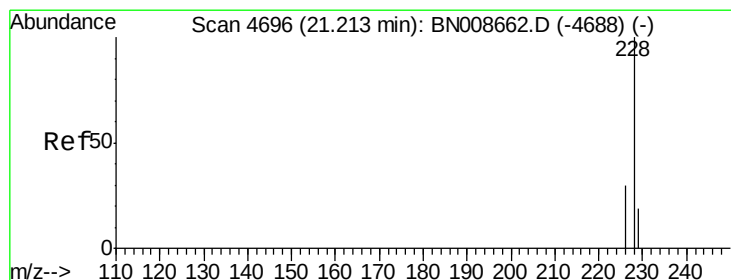
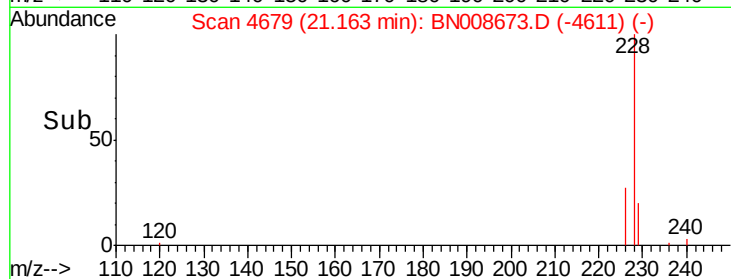
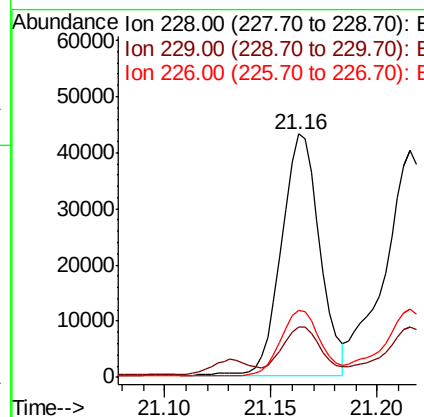
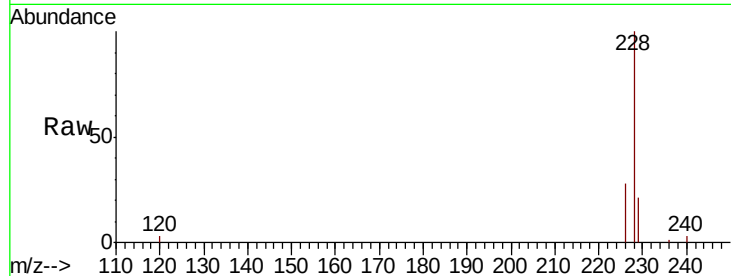
#18
Benzo(a)anthracene
Concen: 0.928 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Instrument :
BNA_N
ClientSampled :
C0AB0

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	27.8	21.6	32.4

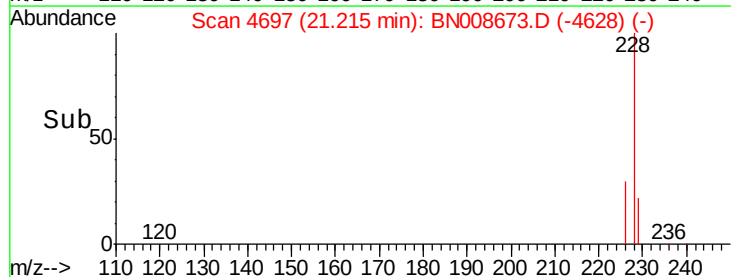
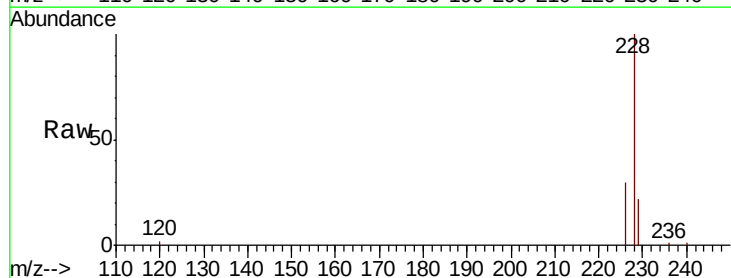
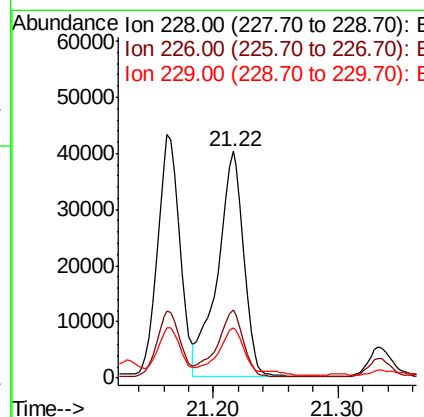
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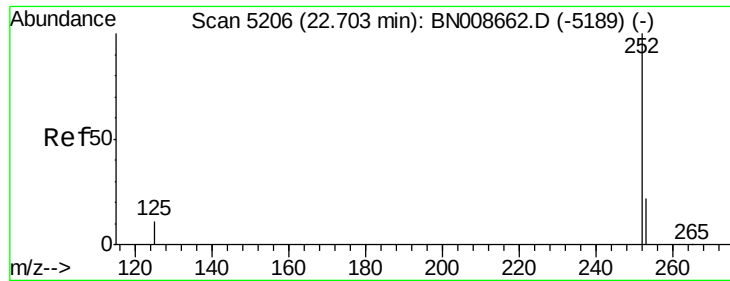
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#19
Chrysene
Concen: 1.025 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. 0.00 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	22.4	15.5	23.3





#21

Benzo(b)fluoranthene

Concen: 1.177 ng/ul m

RT: 22.71 min Scan# 5208

Delta R.T. 0.00 min

Lab File: BN008673.D

Acq: 20 Nov 2019 22:44

Instrument :

BNA_N

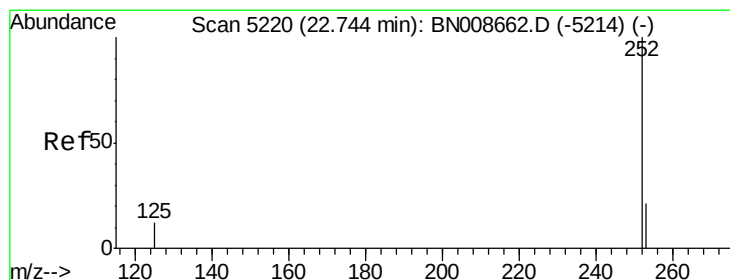
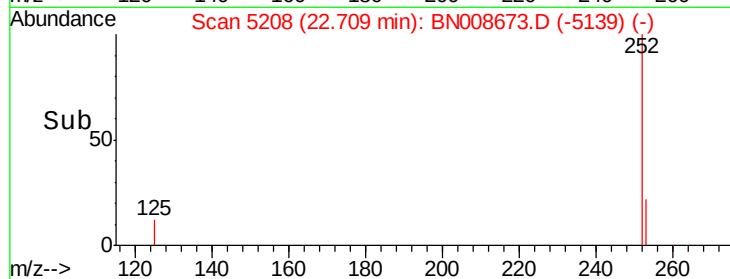
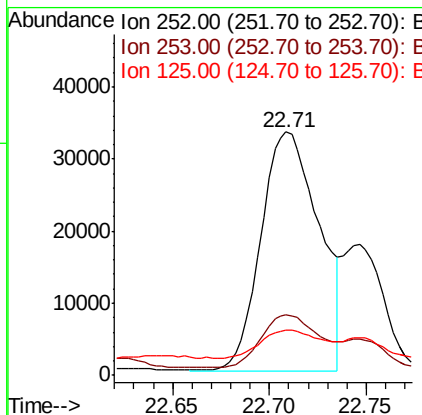
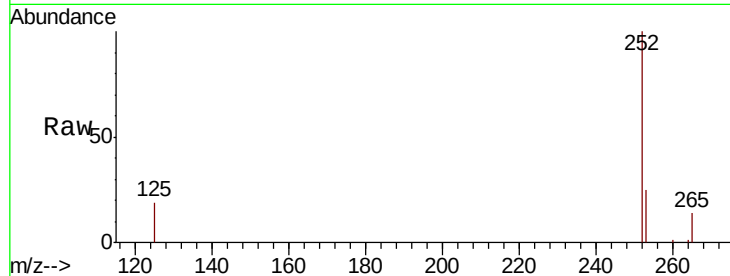
ClientSampleId :

C0AB0

Tot Ion:	252	Resp:	69290
Ion Ratio	Lower	Upper	
252	100		
253	24.9	0.0	50.2
125	18.6	0.0	30.0

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#22

Benzo(k)fluoranthene

Concen: 0.427 ng/ul m

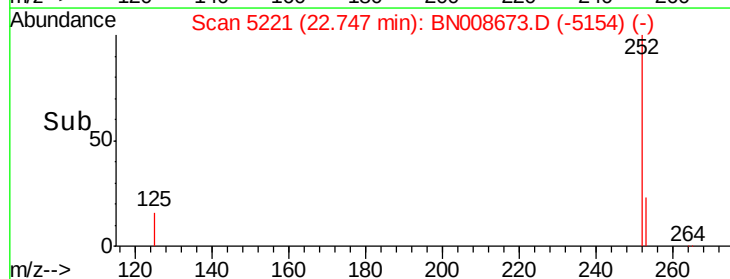
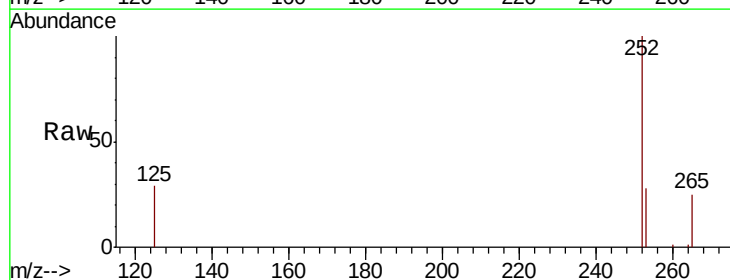
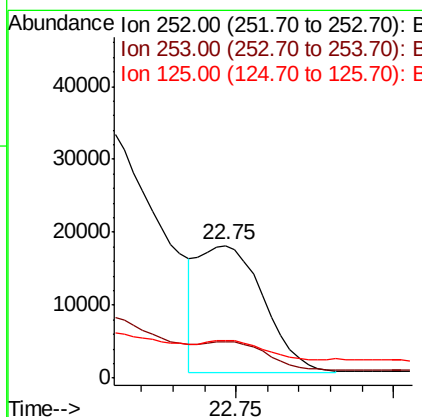
RT: 22.75 min Scan# 5221

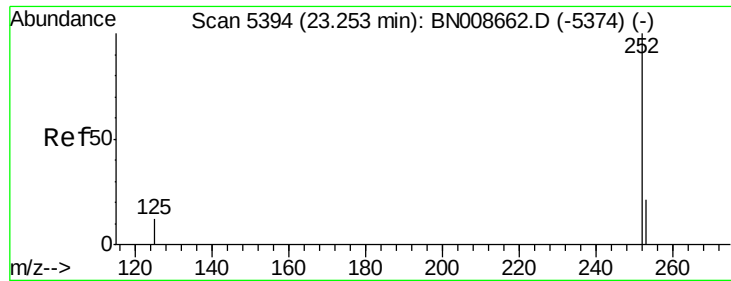
Delta R.T. -0.00 min

Lab File: BN008673.D

Acq: 20 Nov 2019 22:44

Tgt Ion:	252	Resp:	24945
Ion Ratio	Lower	Upper	
252	100		
253	27.6	20.5	30.7
125	28.7	15.0	22.4#





#23

Benzo(a)pyrene

Concen: 0.856 ng/ul

RT: 23.26 min Scan# 5395

Delta R.T. 0.00 min

Lab File: BN008673.D

Acq: 20 Nov 2019 22:44

Instrument :

BNA_N

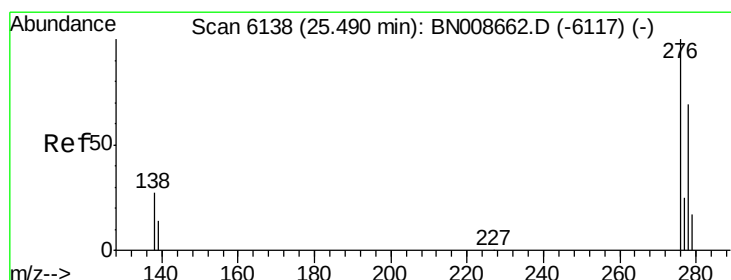
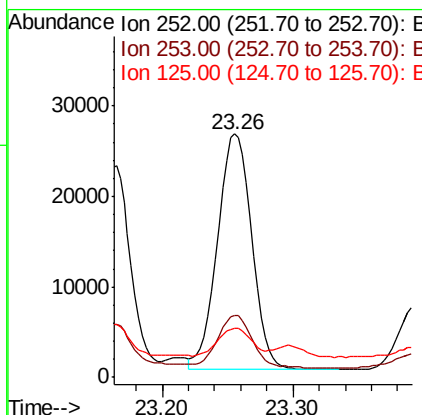
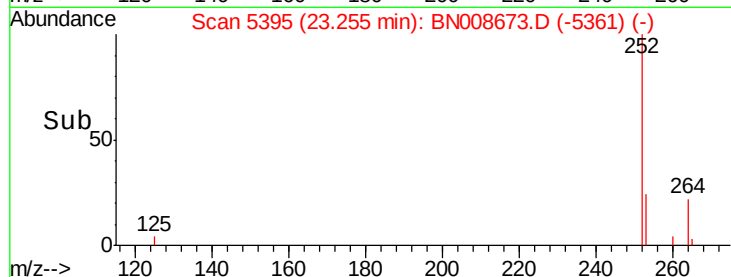
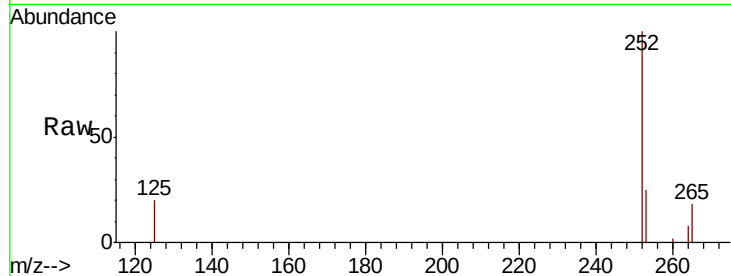
ClientSampleId :

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Tot Ion:	252	Resp:	47296
Ion Ratio	Lower	Upper	
252	100		
253	25.2	21.4	32.2
125	20.2	13.8	20.8

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.527 ng/ul

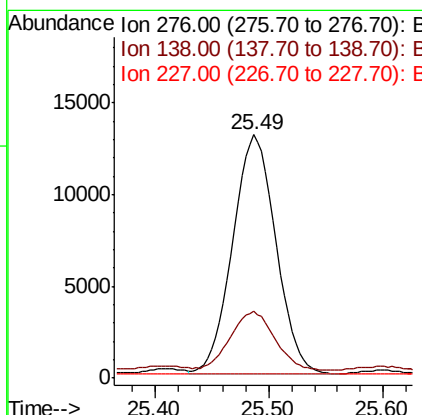
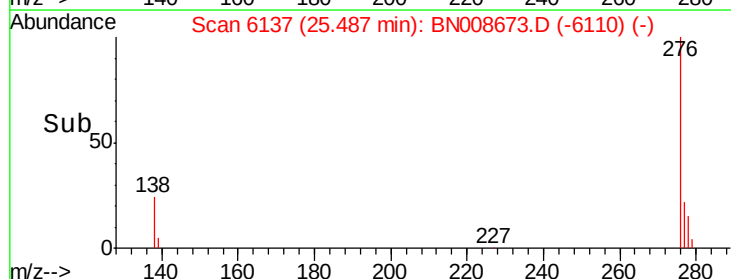
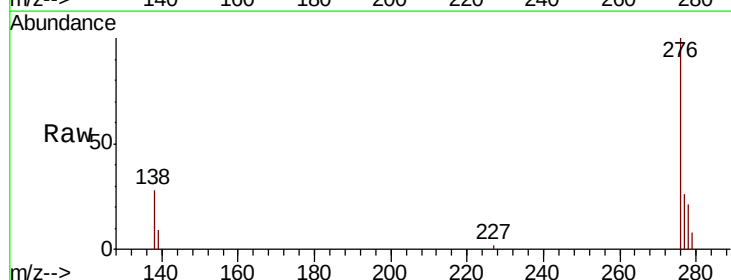
RT: 25.49 min Scan# 6137

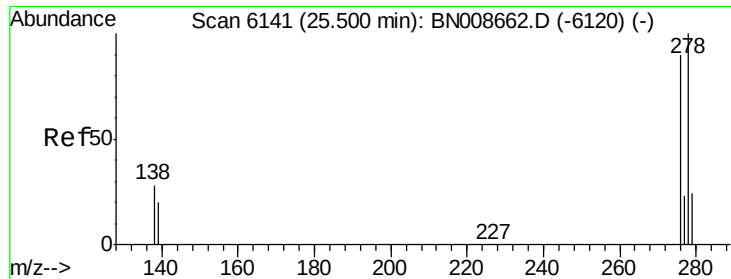
Delta R.T. -0.01 min

Lab File: BN008673.D

Acq: 20 Nov 2019 22:44

Tgt Ion:	276	Resp:	34068
Ion Ratio	Lower	Upper	
276	100		
138	25.3	21.7	32.5
227	0.1	0.2	0.2#





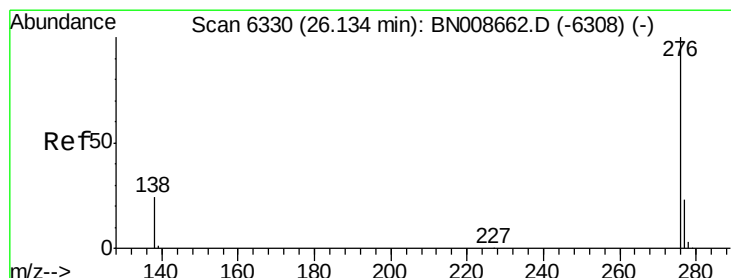
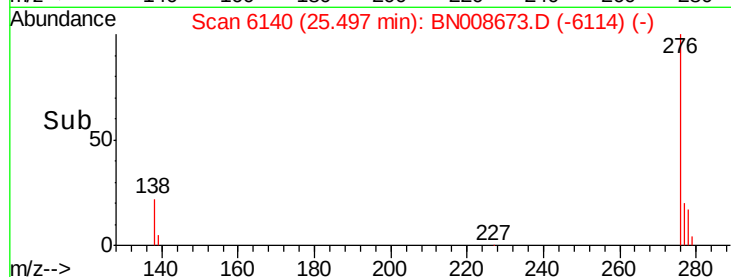
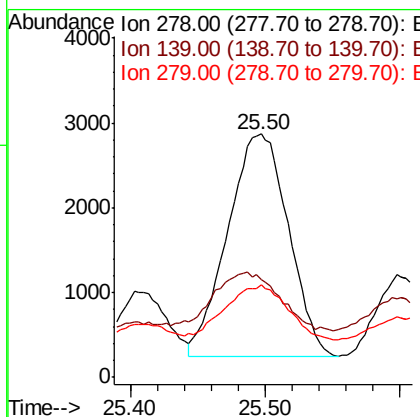
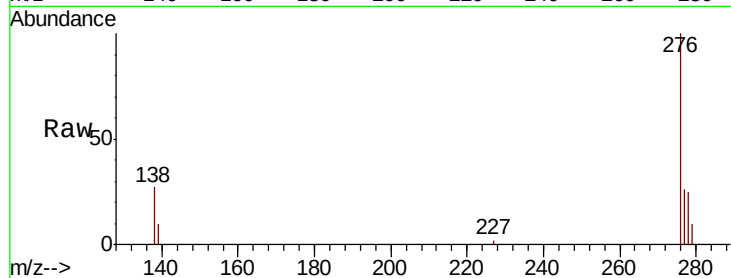
#25
Dibenzo(a,h)anthracene
Concen: 0.157 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. -0.01 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Instrument :
BNA_N
ClientSampleId :
C0AB0

Tot Ion	Ratio	Lower	Upper
278	100		
139	40.1	18.7	28.1#
279	37.9	20.8	31.2#

Manual Integrations
APPROVED

mohammad
11/21/2019 1:06:36 PM



#26
Benzo(g,h,i)perylene
Concen: 0.641 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.00 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.0	30.0
277	24.9	20.0	30.0

