

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
 Data File : BN008688.D
 Acq On : 21 Nov 2019 21:39
 Operator : JU
 Sample : K5851-12DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB0DL

Manual Integrations
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Quant Time: Nov 22 07:05:26 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 Nov 22 06:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4034	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14603	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8563	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17205	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	14480	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	14843	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	5954	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	25673	0.49	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	3967	0.090	ng/ul	95
5) 2-Methylnaphthalene	12.04	142	4739	0.154	ng/ul	99
8) Acenaphthene	14.30	153	1616	0.046	ng/ul	98
9) Fluorene	15.29	166	2226	0.054	ng/ul#	97
12) Phenanthrene	17.02	178	36146	0.623	ng/ul	98
13) Anthracene	17.11	178	6998	0.128	ng/ul	98
15) Fluoranthene	19.04	202	59743	0.838	ng/ul	94
17) Pyrene	19.40	202	54299	0.935	ng/ul	96
18) Benzo(a)anthracene	21.15	228	27731	0.476	ng/ul	98
19) Chrysene	21.21	228	29546	0.517	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	35524m	0.580	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	13521m	0.223	ng/ul	
23) Benzo(a)pyrene	23.24	252	25273	0.440	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.47	276	17498	0.260	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.48	278	4299	0.079	ng/ul#	61
26) Benzo(a,h,i)perylene	26.12	276	17832	0.317	ng/ul#	93

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

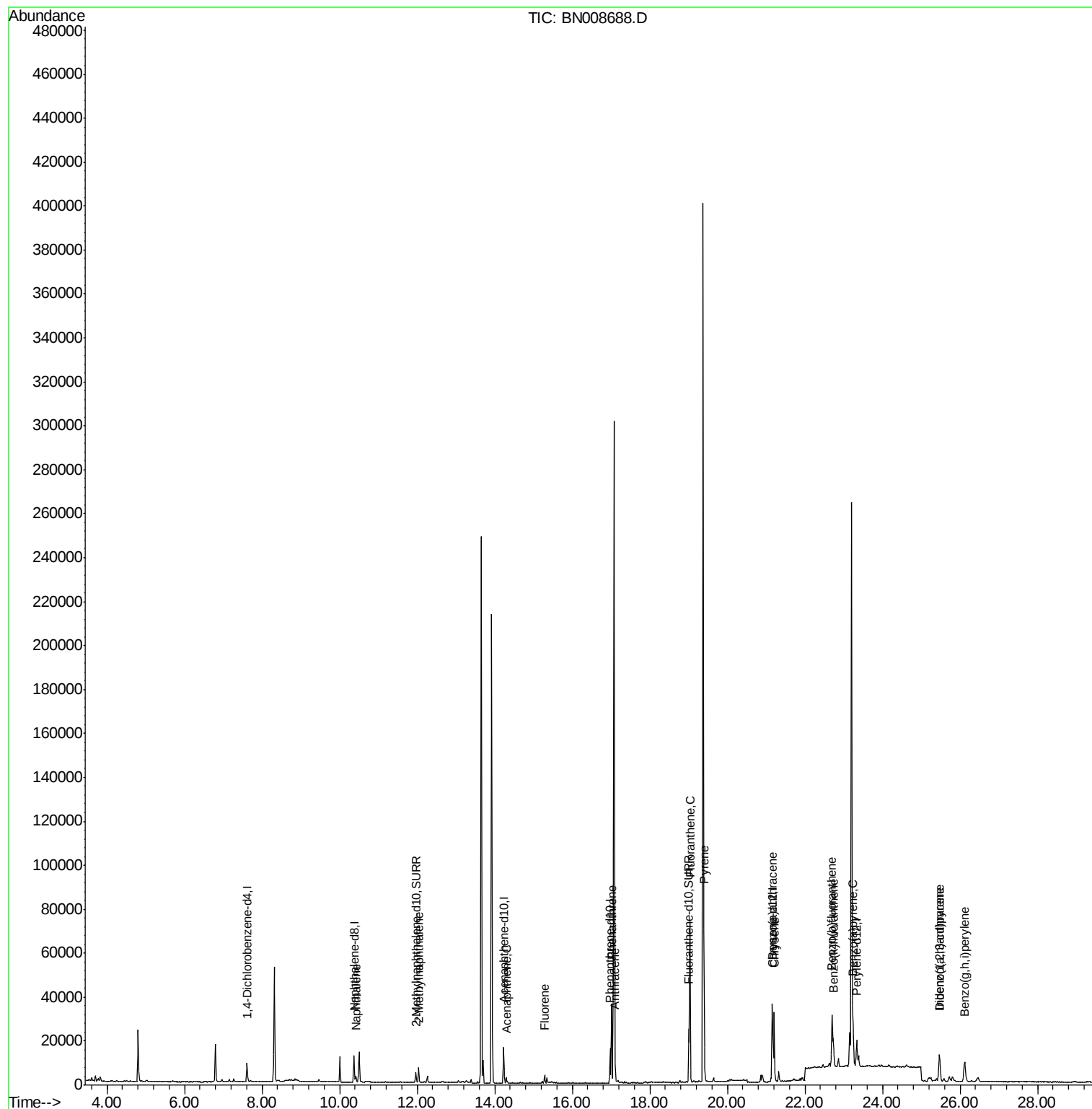
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008688.D
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Sample : K5851-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

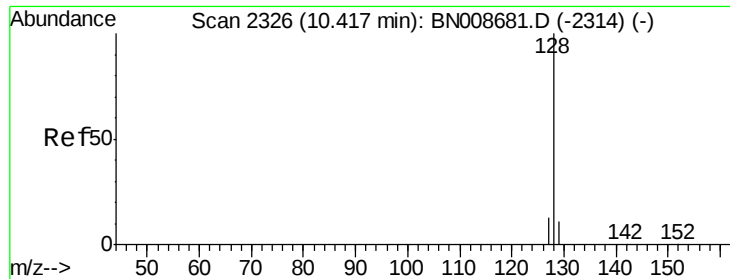
Instrument :
BNA_N
ClientSampleId :
C0AB0DL

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Quant Time: Nov 22 07:05:26 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 : Fri Nov 22 06:30:58 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.090 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BN008688.D

Acq: 21 Nov 2019 21:39

Instrument :

BNA_N

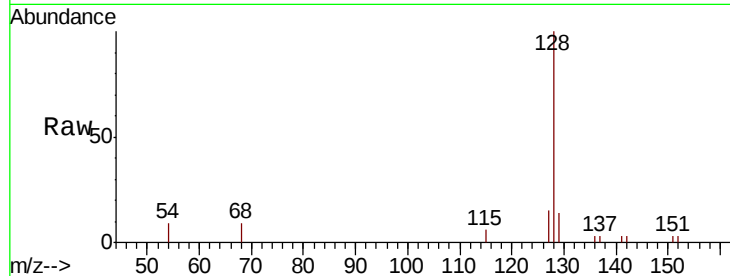
ClientSampleId :

C0AB0DL

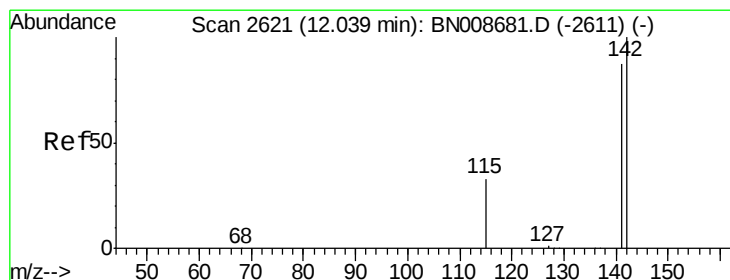
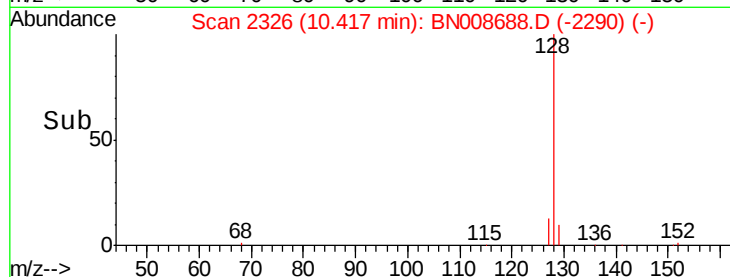
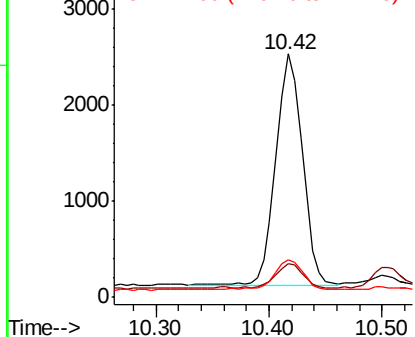
Tot Ion:	128	Resp:	3967
Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.7	14.5
127	15.4	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.154 ng/ul

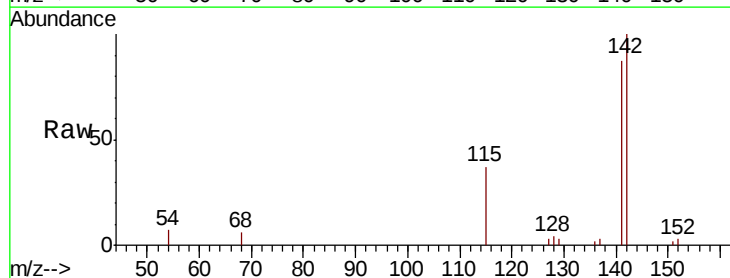
RT: 12.04 min Scan# 2621

Delta R.T. 0.00 min

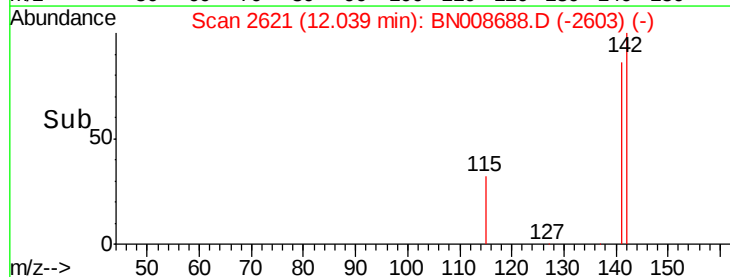
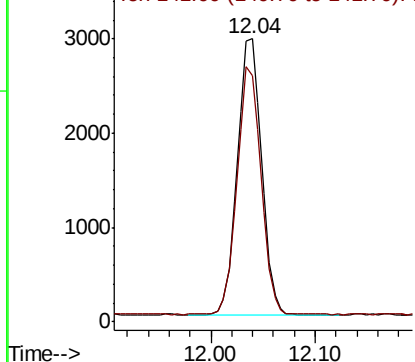
Lab File: BN008688.D

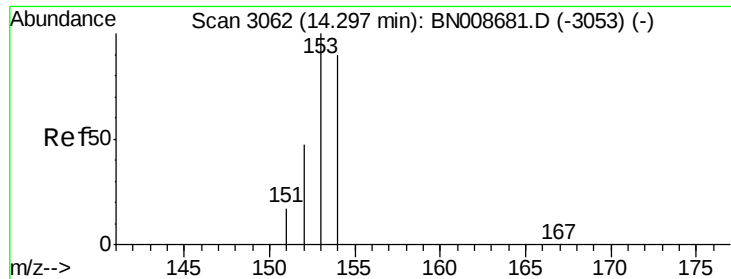
Acq: 21 Nov 2019 21:39

Tgt Ion:	142	Resp:	4739
Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.5	105.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.046 ng/ul

RT: 14.30 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BN008688.D

Acq: 21 Nov 2019 21:39

Instrument :

BNA_N

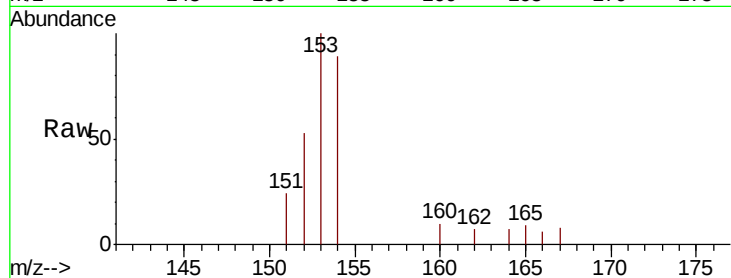
ClientSampleId :

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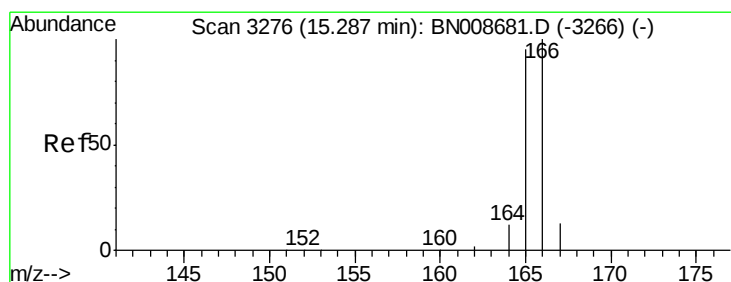
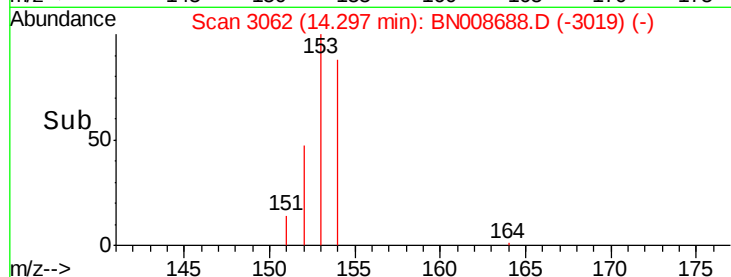
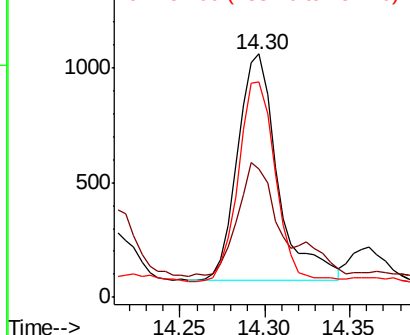
Tot Ion:	153	Resp:	1616
Ion	Ratio	Lower	Upper
153	100		
152	53.0	39.6	59.4
154	88.7	70.6	106.0

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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: 0.054 ng/ul

RT: 15.29 min Scan# 3276

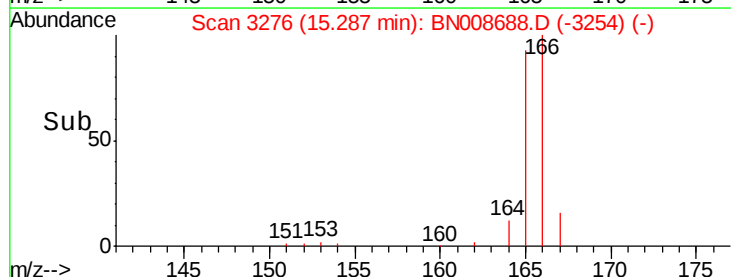
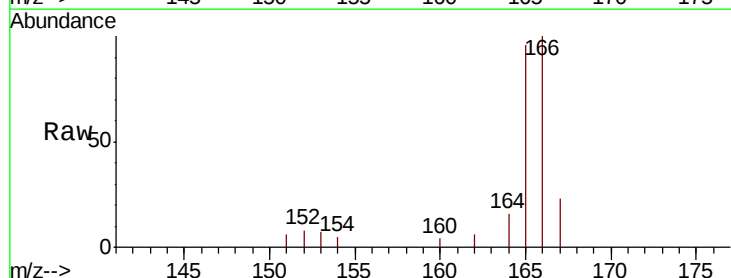
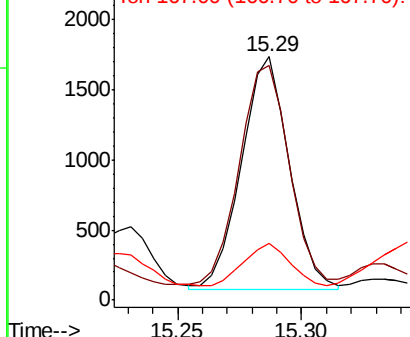
Delta R.T. 0.00 min

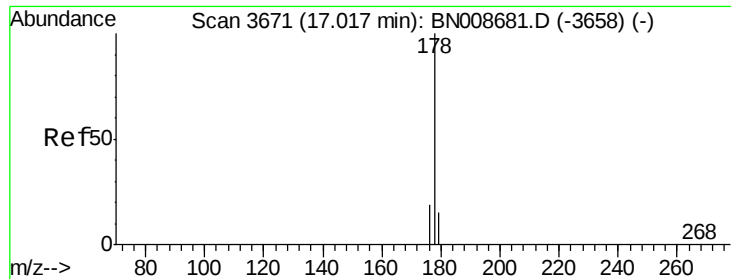
Lab File: BN008688.D

Acq: 21 Nov 2019 21:39

Tgt Ion:	166	Resp:	2226
Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.4	116.0
167	23.5	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: 0.623 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BN008688.D

Acq: 21 Nov 2019 21:39

Instrument :

BNA_N

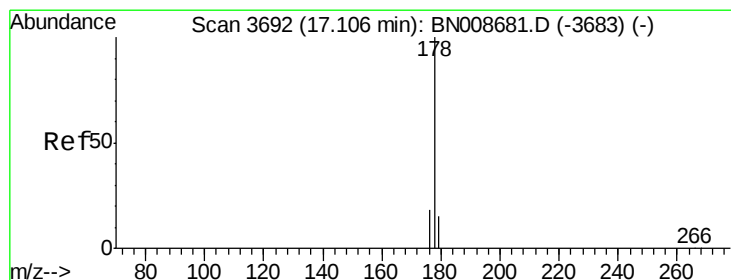
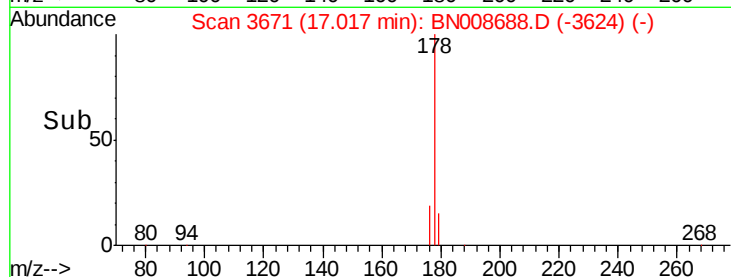
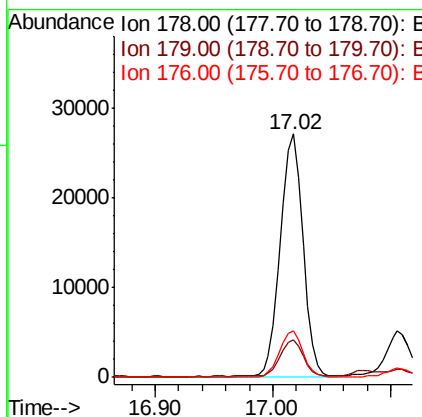
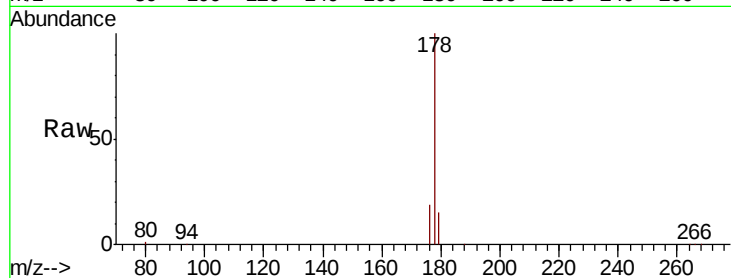
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.9	16.0	24.0

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#13

Anthracene

Concen: 0.128 ng/ul

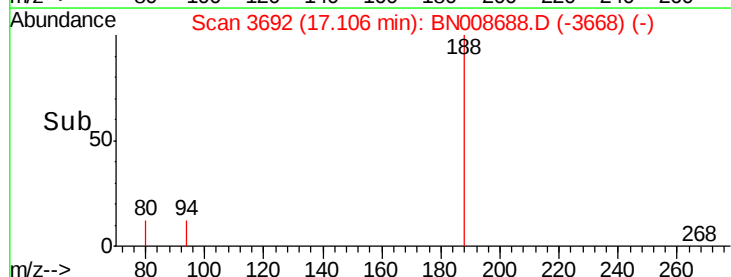
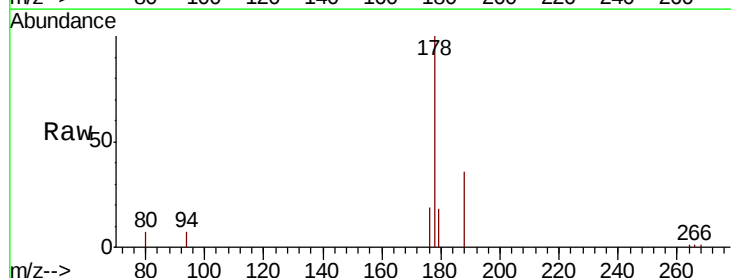
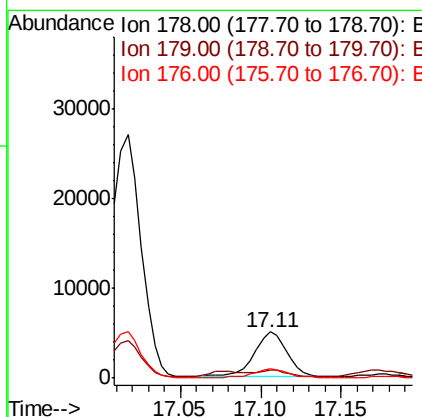
RT: 17.11 min Scan# 3692

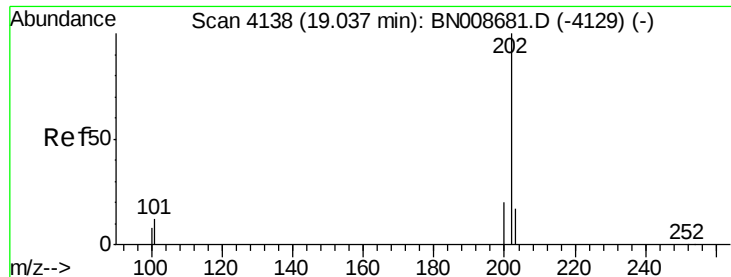
Delta R.T. 0.00 min

Lab File: BN008688.D

Acq: 21 Nov 2019 21:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.9	13.0	19.4
176	19.0	15.3	22.9





#15

Fluoranthene

Concen: 0.838 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. 0.00 min

Lab File: BN008688.D

Acq: 21 Nov 2019 21:39

Instrument :

BNA_N

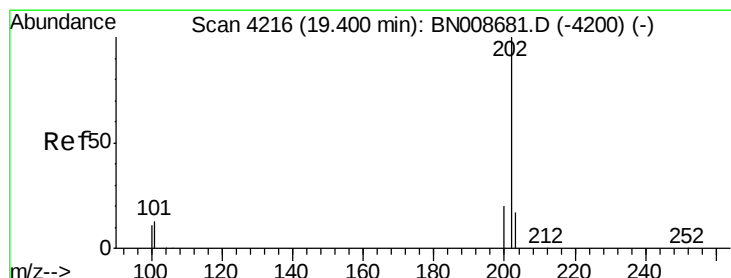
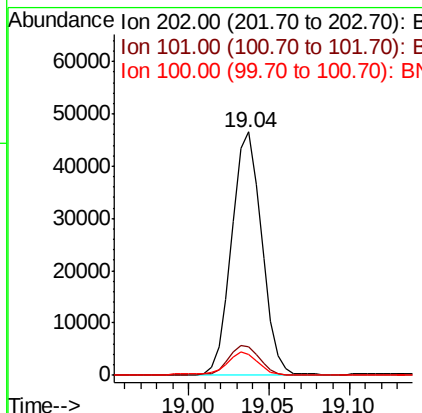
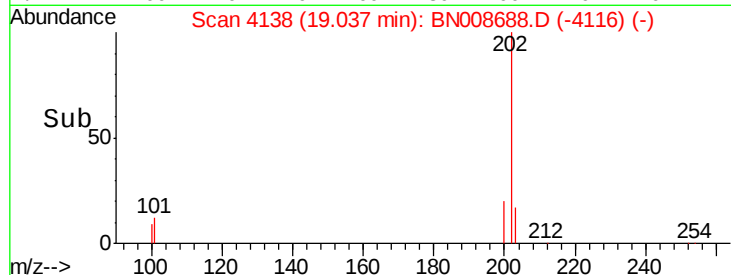
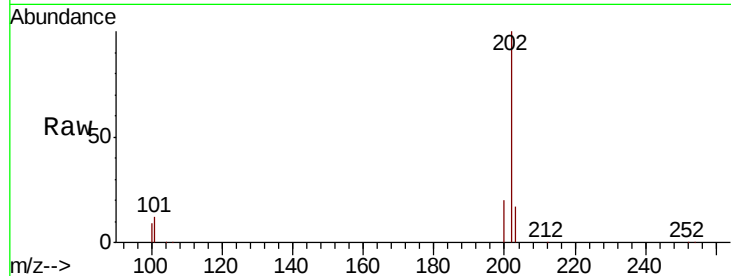
ClientSampleId :

C0AB0DL

Tot Ion:	202	Resp:	59743
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	29.6
100	8.8	0.0	27.0

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#17

Pyrene

Concen: 0.935 ng/ul

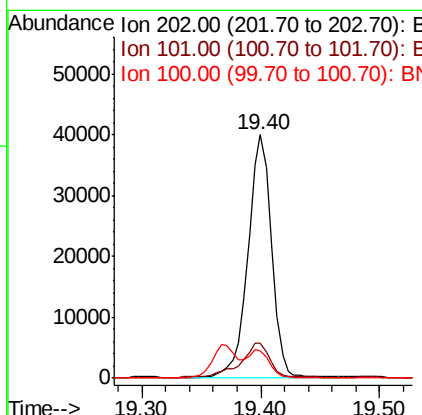
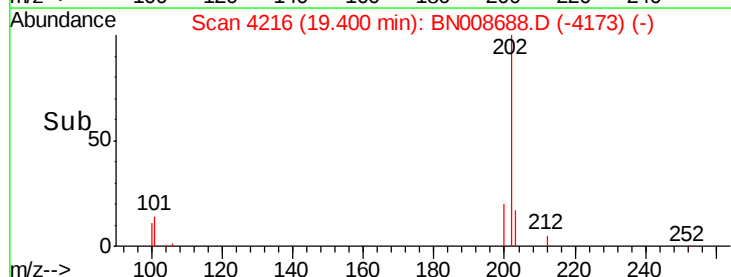
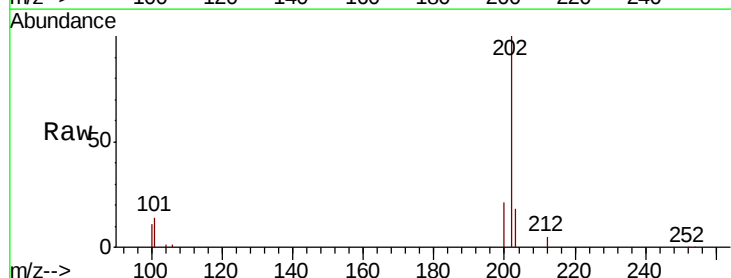
RT: 19.40 min Scan# 4216

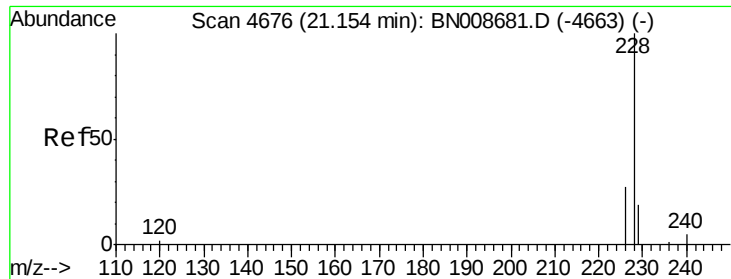
Delta R.T. 0.00 min

Lab File: BN008688.D

Acq: 21 Nov 2019 21:39

Tgt Ion:	202	Resp:	54299
Ion Ratio	Lower	Upper	
202	100		
101	14.3	10.2	15.2
100	11.4	8.2	12.2





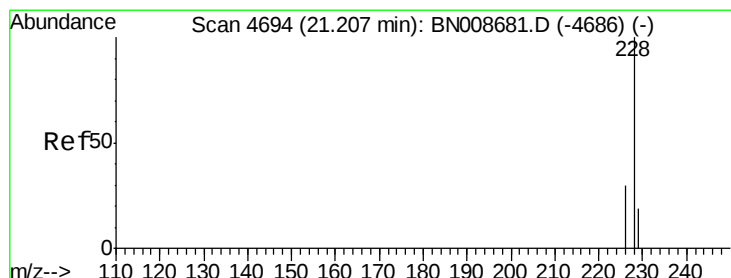
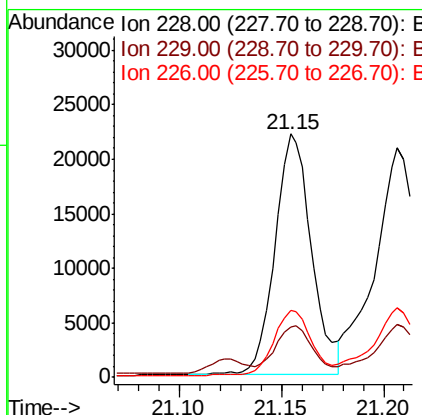
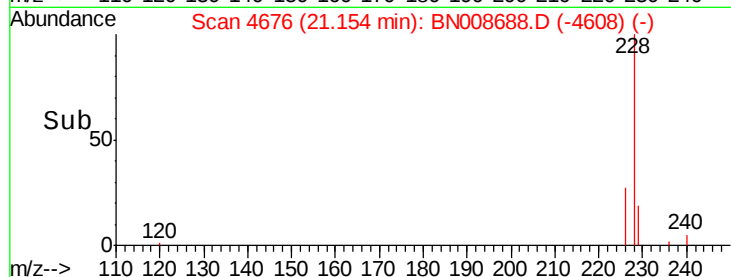
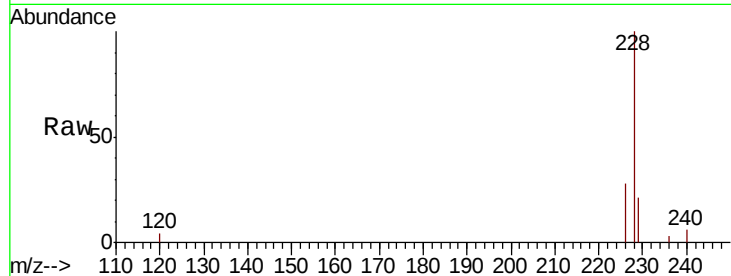
#18
Benzo(a)anthracene
Concen: 0.476 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. 0.00 min
Lab File: BN008688.D
Acq: 21 Nov 2019 21:39

Instrument :
BNA_N
ClientSampleId :
C0AB0DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	27.7	21.6	32.4

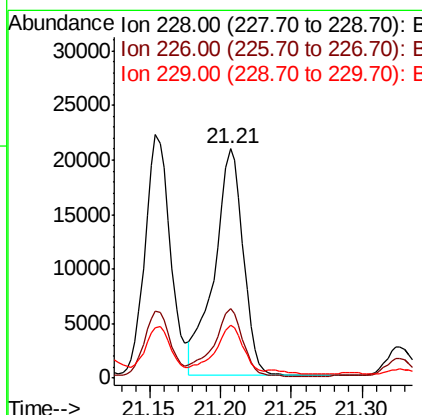
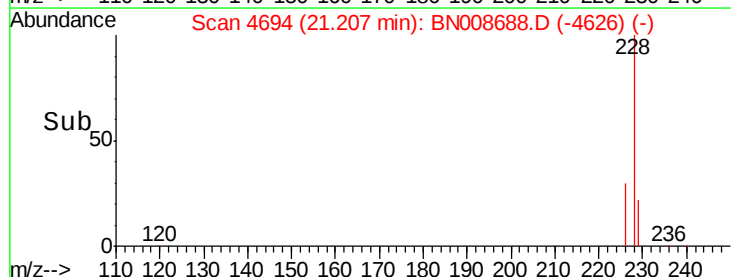
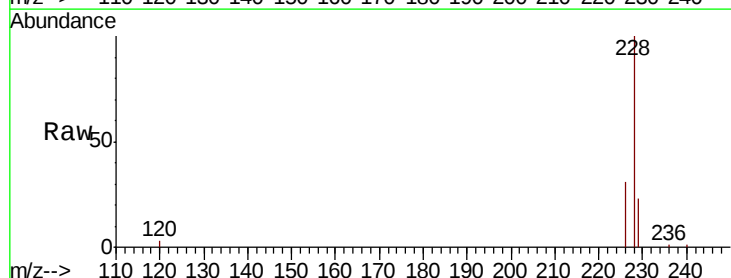
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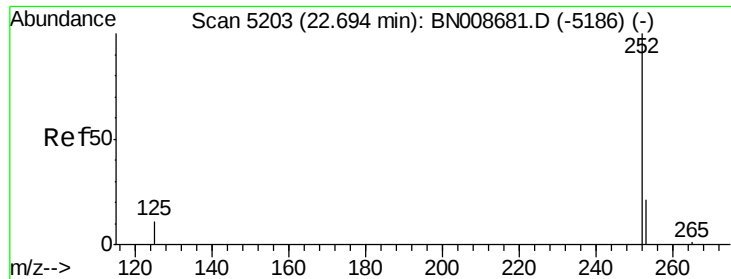
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#19
Chrysene
Concen: 0.517 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. 0.00 min
Lab File: BN008688.D
Acq: 21 Nov 2019 21:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	22.8	15.5	23.3





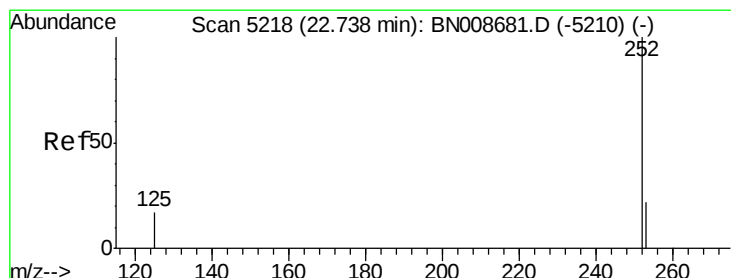
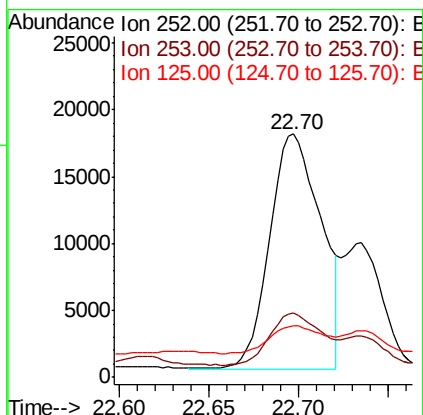
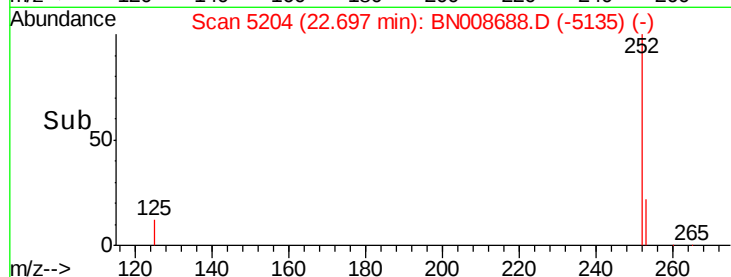
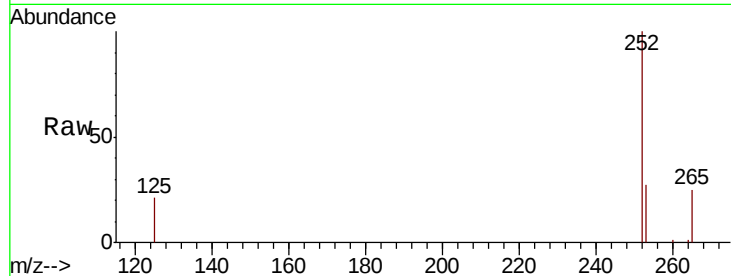
#21
Benzo(b)fluoranthene
Concen: 0.580 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. 0.00 min
Lab File: BN008688.D
Acq: 21 Nov 2019 21:39

Instrument :
BNA_N
ClientSampleId :
C0AB0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	50.2
125	21.4	0.0	30.0

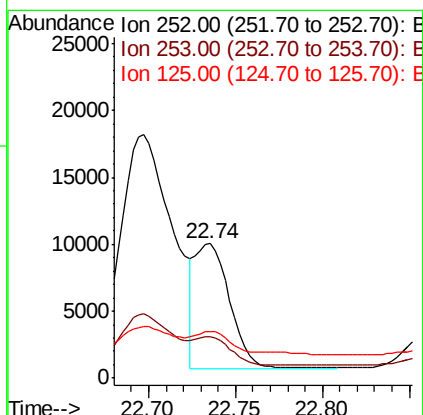
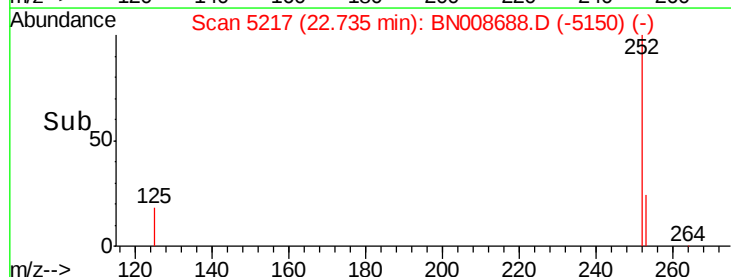
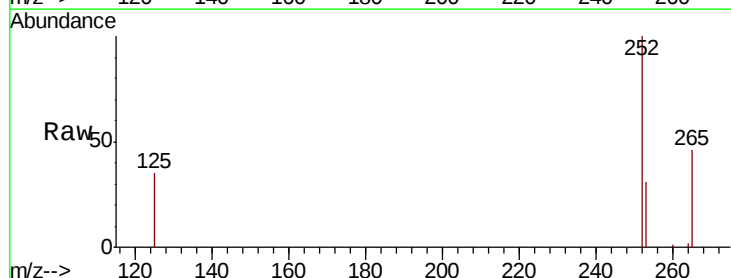
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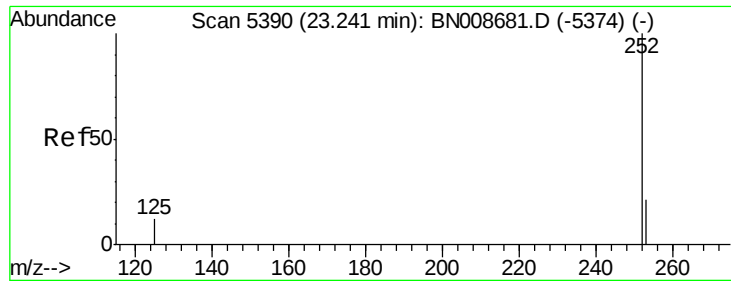
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#22
Benzo(k)fluoranthene
Concen: 0.223 ng/ul m
RT: 22.74 min Scan# 5217
Delta R.T. -0.00 min
Lab File: BN008688.D
Acq: 21 Nov 2019 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.1	20.5	30.7#
125	34.9	15.0	22.4#





#23

Benzo(a)pyrene

Concen: 0.440 ng/u1

RT: 23.24 min Scan# 5390

Delta R.T. 0.00 min

Lab File: BN008688.D

Acq: 21 Nov 2019 21:39

Instrument :

BNA_N

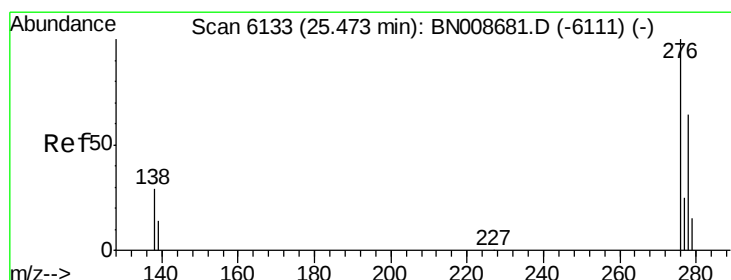
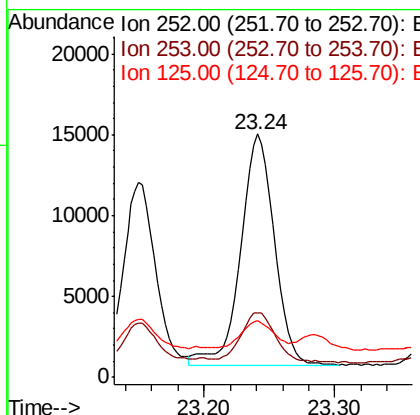
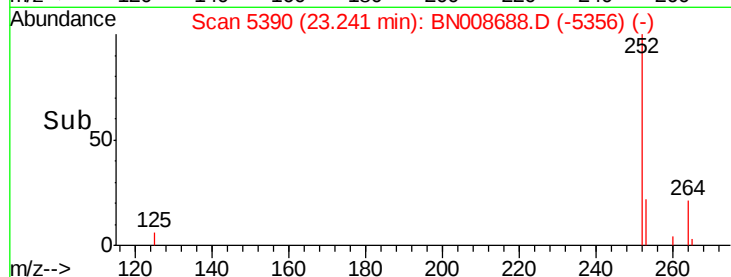
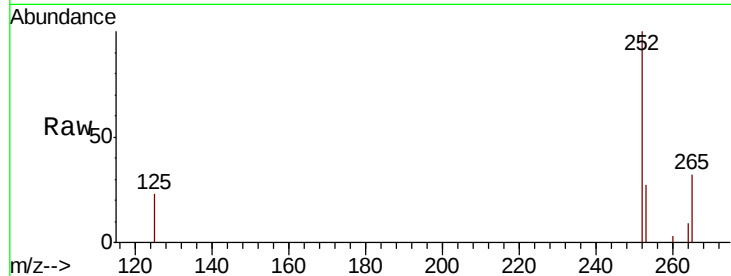
ClientSampleId :

C0AB0DL

Tot Ion:	252	Resp:	25273
Ion Ratio	Lower	Upper	
252	100		
253	26.6	21.4	32.2
125	23.1	13.8	20.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.260 ng/u1

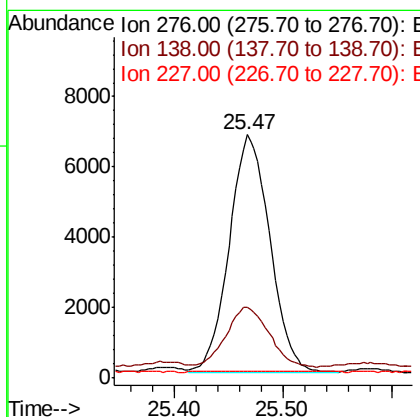
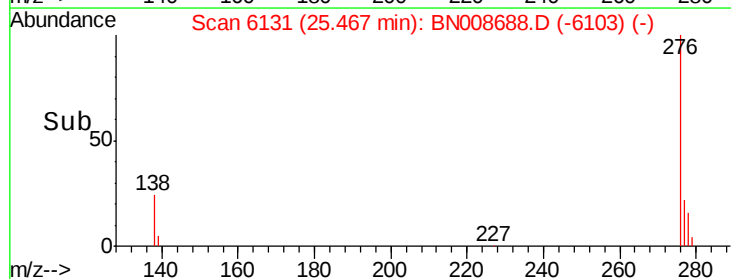
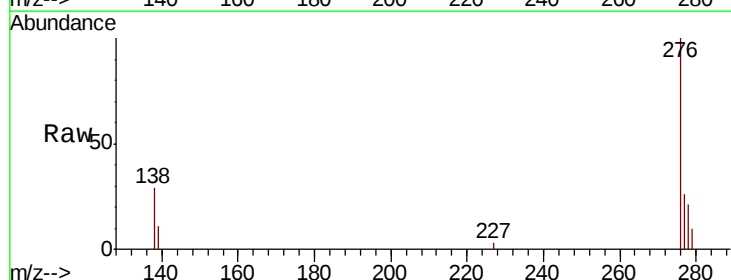
RT: 25.47 min Scan# 6131

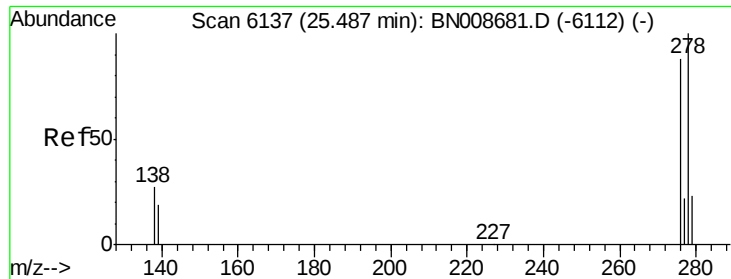
Delta R.T. -0.01 min

Lab File: BN008688.D

Acq: 21 Nov 2019 21:39

Tgt Ion:	276	Resp:	17498
Ion Ratio	Lower	Upper	
276	100		
138	26.8	21.7	32.5
227	0.1	0.2	0.2#





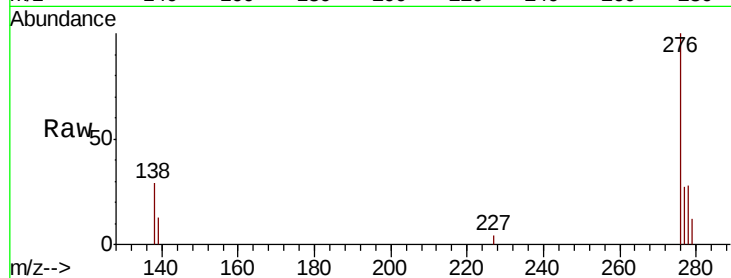
#25
Dibenzo(a,h)anthracene
Concen: 0.079 ng/u1
RT: 25.48 min Scan# 6135
Delta R.T. -0.01 min
Lab File: BN008688.D
Acq: 21 Nov 2019 21:39

Instrument :
BNA_N
ClientSampleId :
C0AB0DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	44.6	18.7	28.1#
279	43.6	20.8	31.2#

Manual Integrations
APPROVED

mohammad
11/22/2019 1:23:52 PM

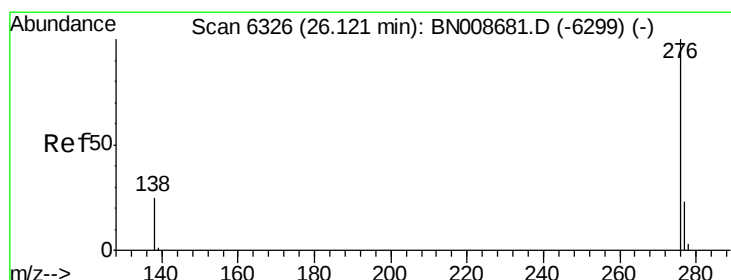
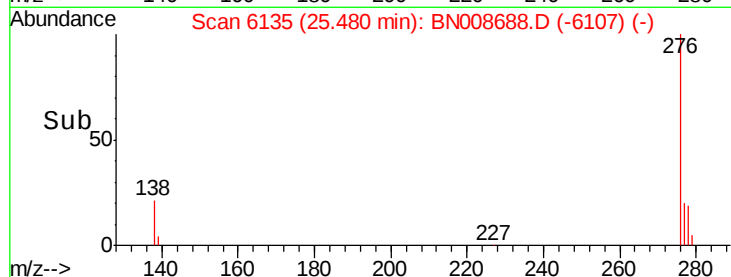
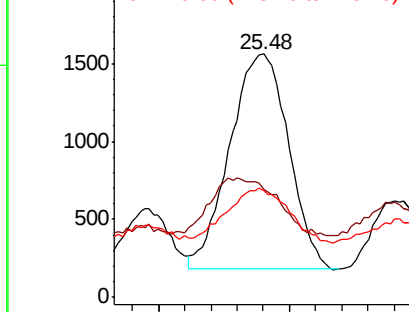


Abundance

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: 0.317 ng/u1
RT: 26.12 min Scan# 6326
Delta R.T. 0.00 min
Lab File: BN008688.D
Acq: 21 Nov 2019 21:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.4	20.0	30.0#
277	26.2	20.0	30.0

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

