

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
 Data File : BN008689.D
 Acq On : 21 Nov 2019 22:15
 Operator : JU
 Sample : K5851-14DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB2DL

Manual Integrations
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Quant Time: Nov 22 07:08:46 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	3908	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13885	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8241	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	16432	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	14041	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	14244	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	357	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	825	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	1204	0.029	ng/ul#	81
5) 2-Methylnaphthalene	12.04	142	1279	0.044	ng/ul	100
8) Acenaphthene	14.30	153	1223	0.036	ng/ul	97
9) Fluorene	15.29	166	1422	0.036	ng/ul#	95
12) Phenanthrene	17.02	178	30025	0.542	ng/ul	99
13) Anthracene	17.11	178	6068	0.116	ng/ul	99
15) Fluoranthene	19.04	202	56934	0.836	ng/ul	93
17) Pyrene	19.40	202	53133	0.943	ng/ul	95
18) Benzo(a)anthracene	21.15	228	26771	0.474	ng/ul	98
19) Chrysene	21.21	228	28728	0.518	ng/ul	97
21) Benzo(b)fluoranthene	22.69	252	35243m	0.600	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	12752m	0.219	ng/ul	
23) Benzo(a)pyrene	23.24	252	24383	0.442	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.46	276	16832	0.261	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.48	278	4308	0.083	ng/ul#	66
26) Benzo(a,h,i)perylene	26.12	276	17022	0.316	ng/ul	96

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

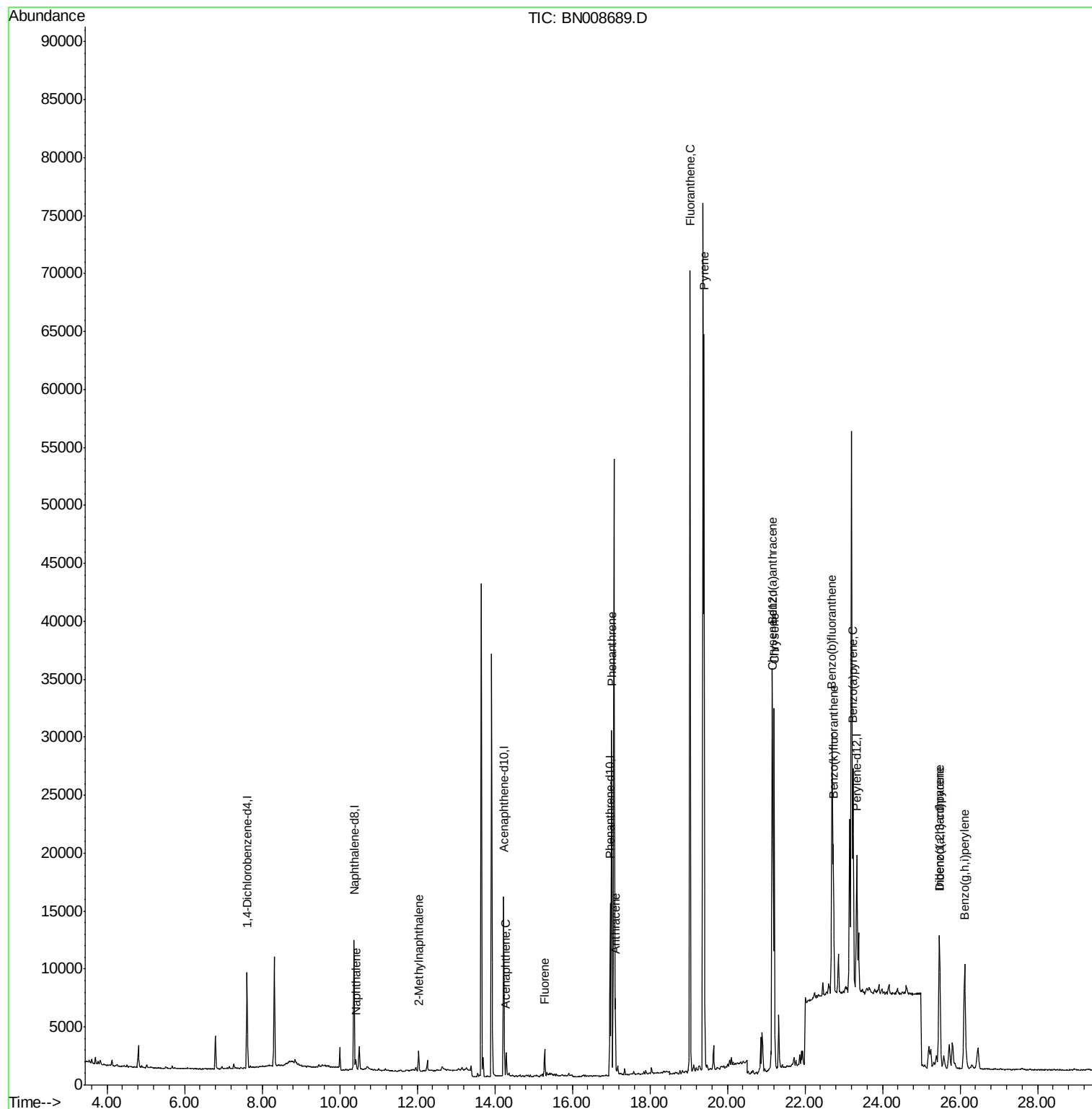
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008689.D
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Sample : K5851-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

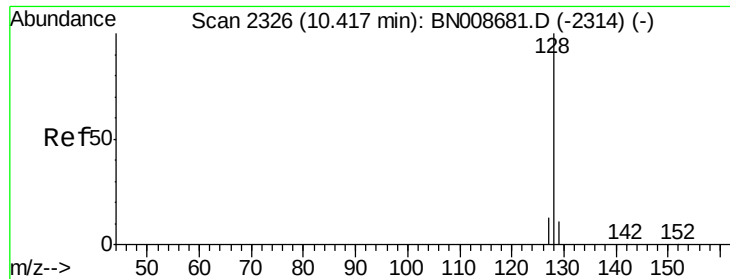
Instrument :
BNA_N
ClientSampleId :
C0AB2DL

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Quant Time: Nov 22 07:08:46 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: 0.029 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

Instrument :

BNA_N

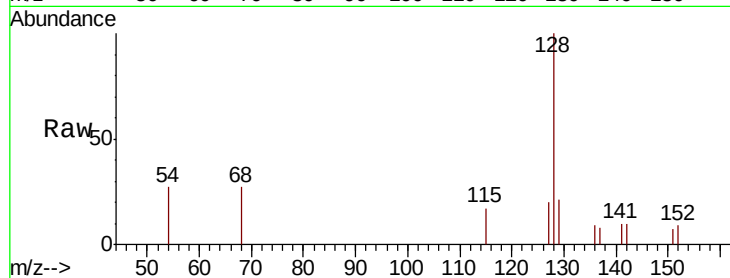
ClientSampleId :

C0AB2DL

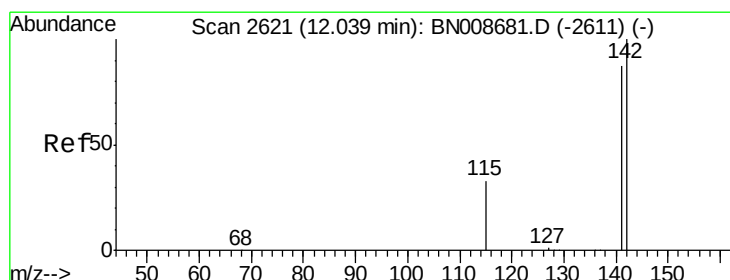
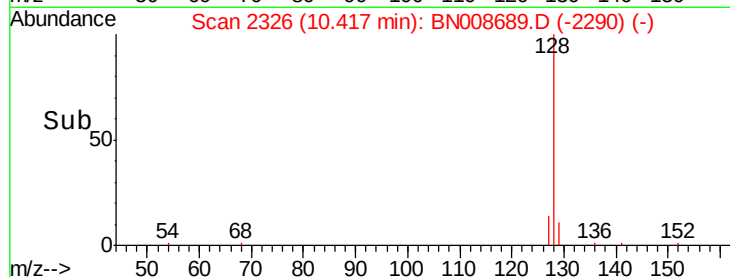
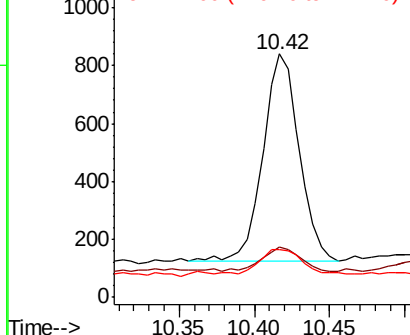
Tot Ion:	128	Resp:	1204
Ion	Ratio	Lower	Upper
128	100		
129	20.8	9.7	14.5#
127	19.9	10.8	16.2#

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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: 0.044 ng/ul

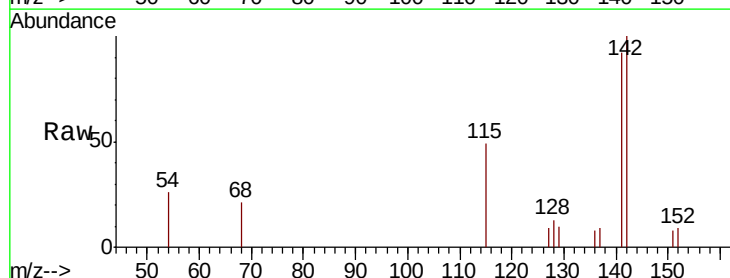
RT: 12.04 min Scan# 2621

Delta R.T. -0.00 min

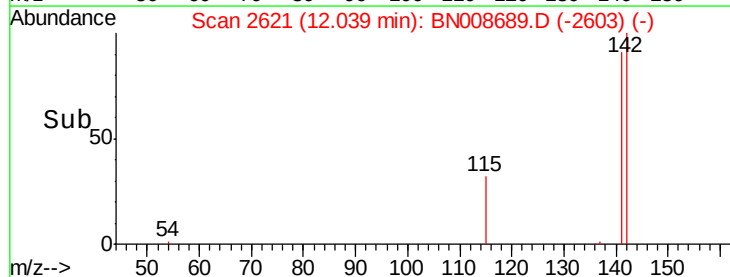
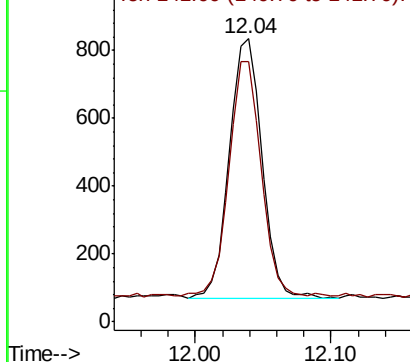
Lab File: BN008689.D

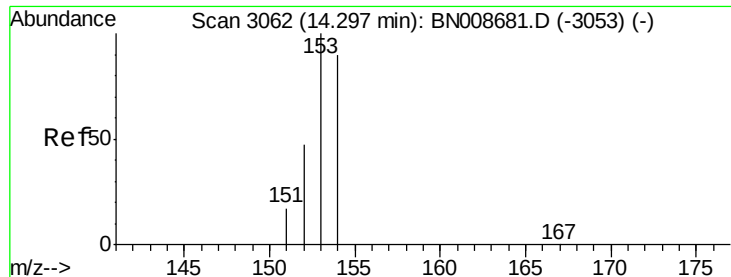
Acq: 21 Nov 2019 22:15

Tgt Ion:	142	Resp:	1279
Ion	Ratio	Lower	Upper
142	100		
141	87.7	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: 0.036 ng/ul

RT: 14.30 min Scan# 3062

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

Instrument :

BNA_N

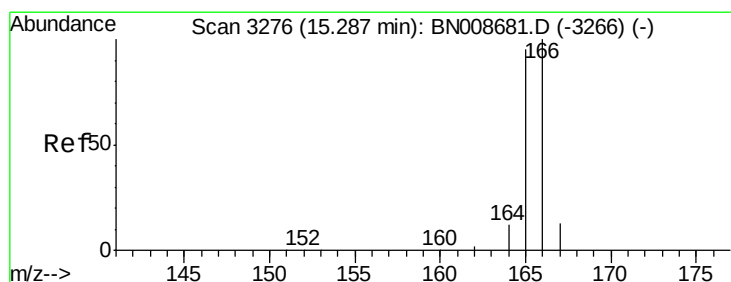
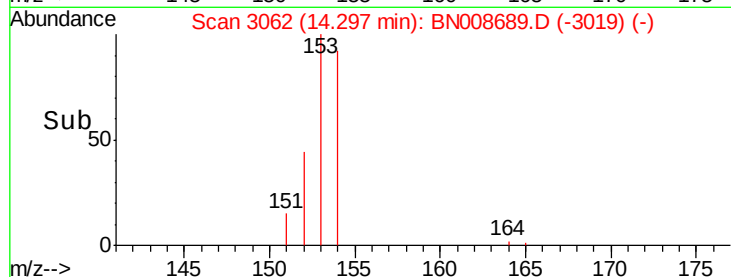
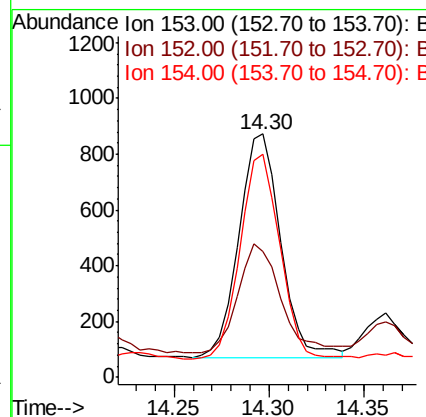
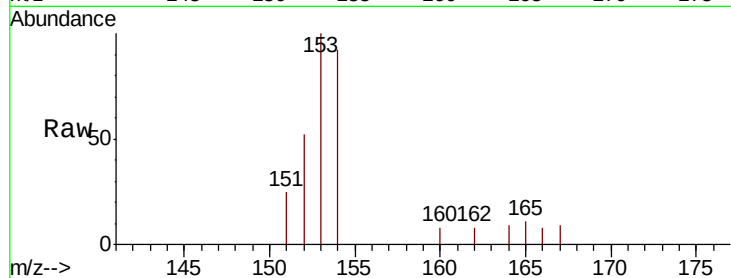
ClientSampled :

C0AB2DL

Tot Ion:	153	Resp:	1223
Ion	Ratio	Lower	Upper
153	100		
152	51.5	39.6	59.4
154	91.6	70.6	106.0

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#9

Fluorene

Concen: 0.036 ng/ul

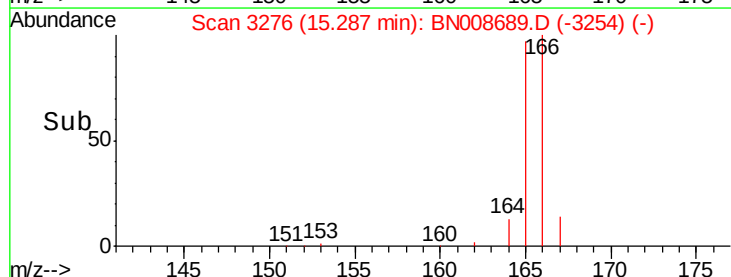
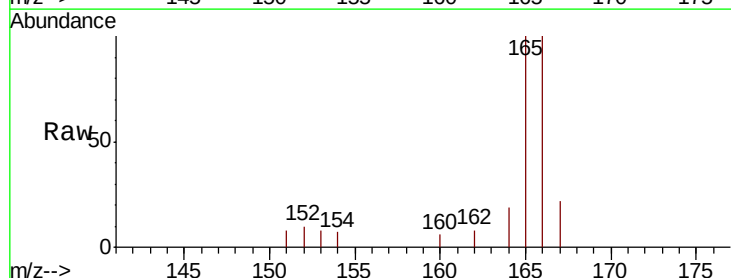
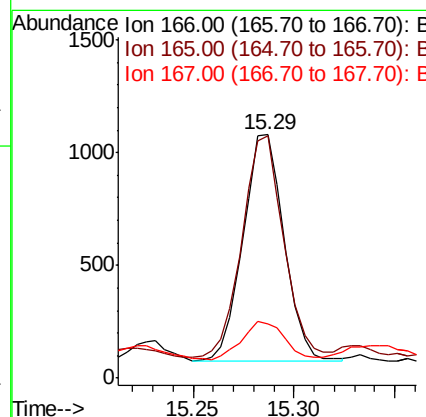
RT: 15.29 min Scan# 3276

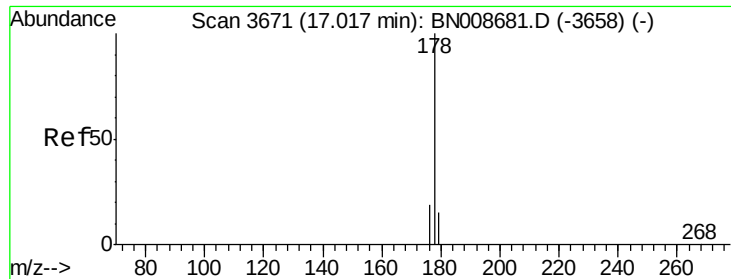
Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

Tgt Ion:	166	Resp:	1422
Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.4	116.0
167	22.1	11.4	17.0





#12

Phenanthrene

Concen: 0.542 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

Instrument :

BNA_N

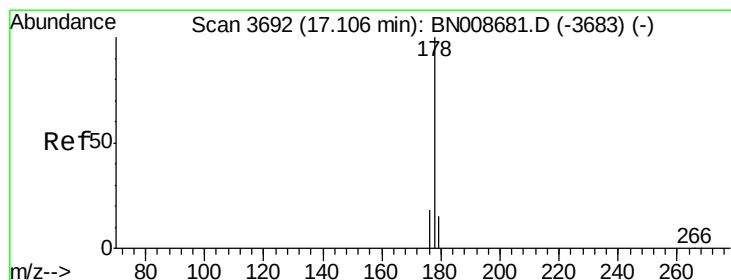
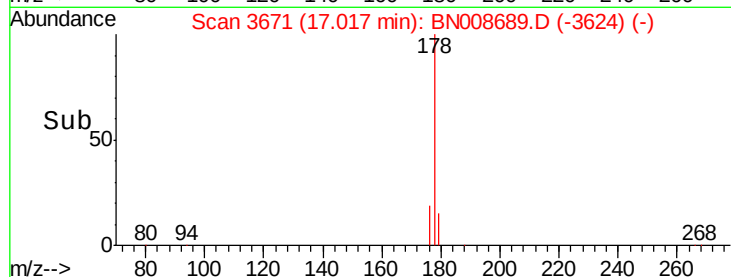
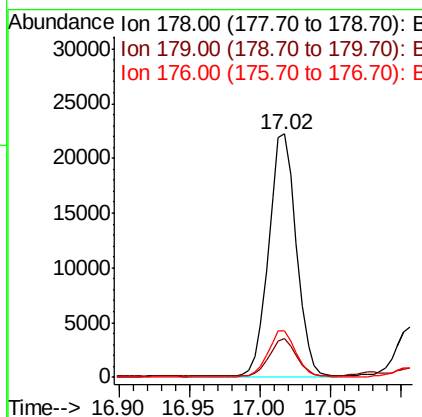
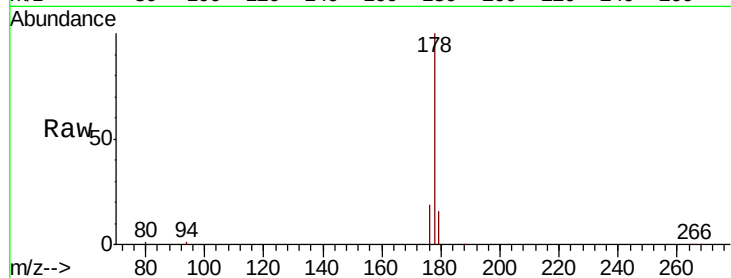
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.1	16.0	24.0

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#13

Anthracene

Concen: 0.116 ng/ul

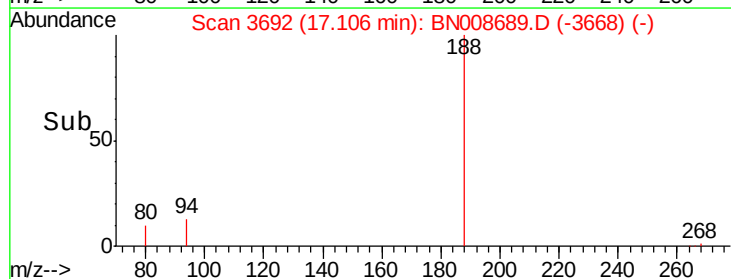
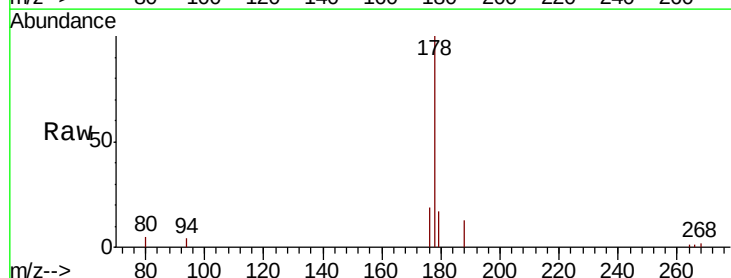
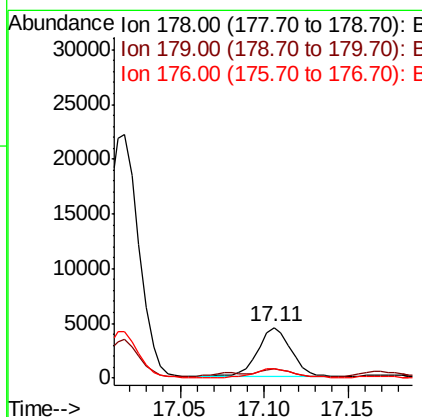
RT: 17.11 min Scan# 3692

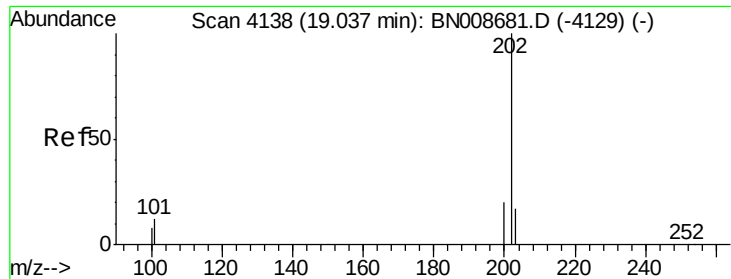
Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.0	19.4
176	19.2	15.3	22.9





#15

Fluoranthene

Concen: 0.836 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

Instrument :

BNA_N

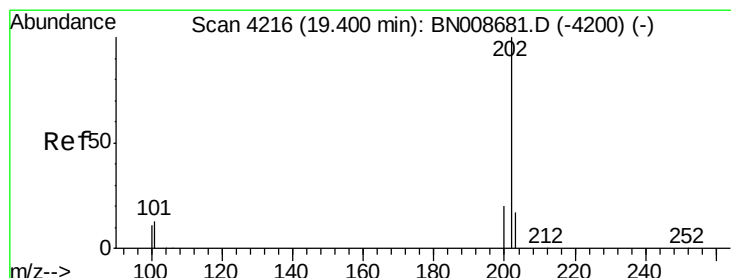
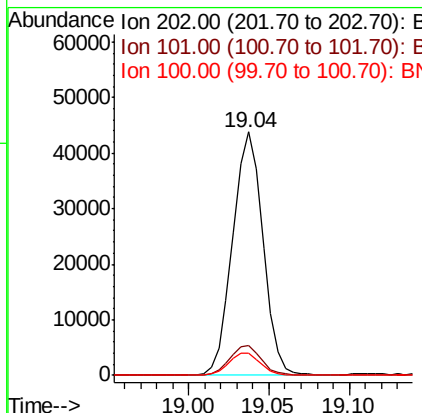
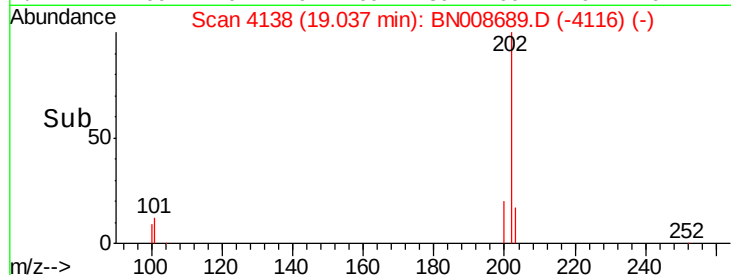
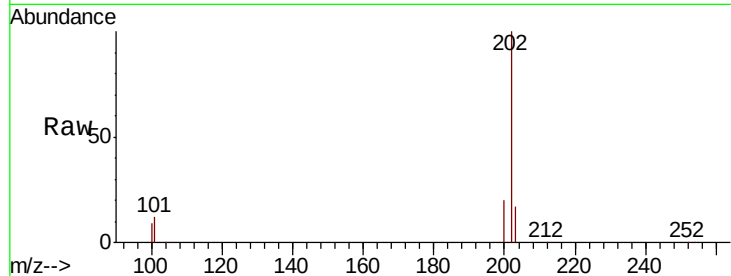
ClientSampleId :

C0AB2DL

Tot Ion:	202	Resp:	56934
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	29.6
100	9.2	0.0	27.0

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#17

Pyrene

Concen: 0.943 ng/ul

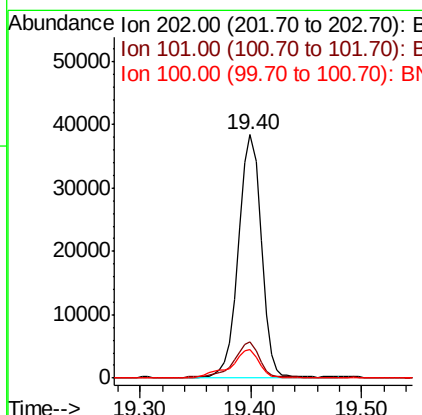
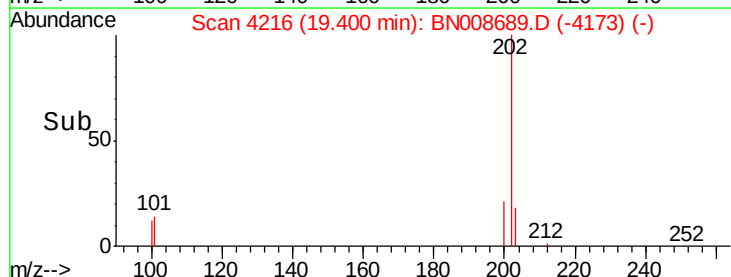
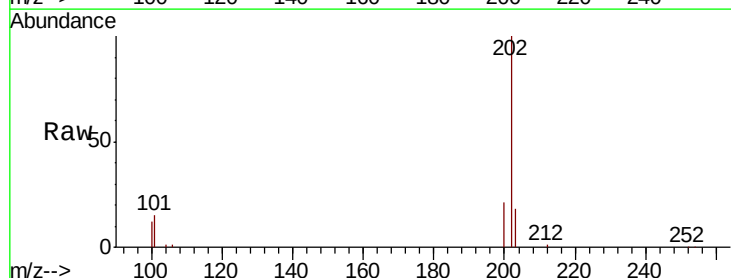
RT: 19.40 min Scan# 4216

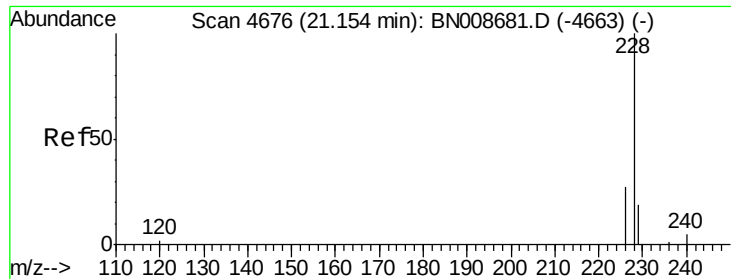
Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

Tgt Ion:	202	Resp:	53133
Ion Ratio	Lower	Upper	
202	100		
101	14.8	10.2	15.2
100	11.8	8.2	12.2





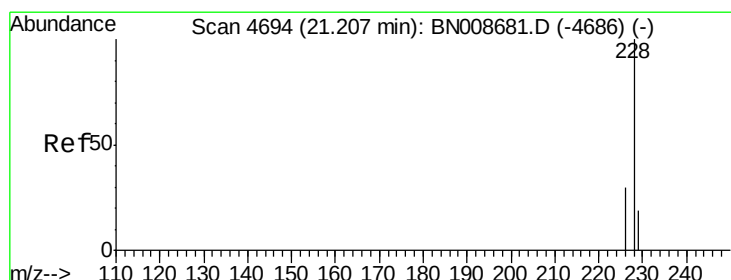
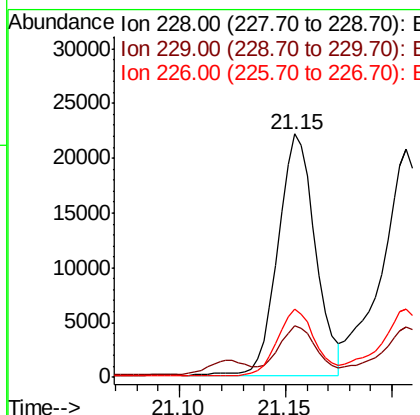
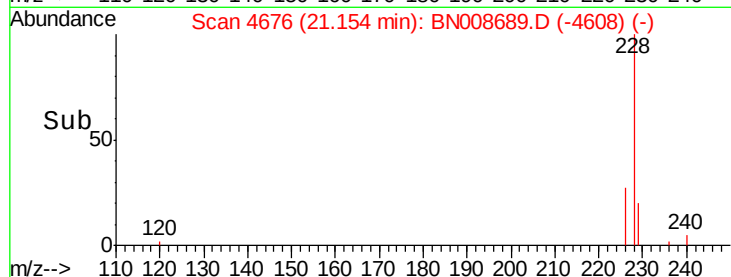
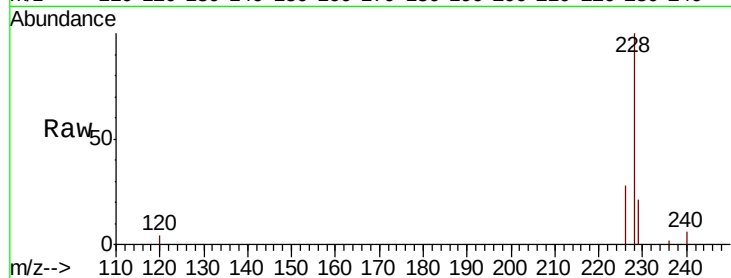
#18
Benzo(a)anthracene
Concen: 0.474 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN008689.D
Acq: 21 Nov 2019 22:15

Instrument :
BNA_N
ClientSampleId :
C0AB2DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.6
226	27.9	21.6	32.4

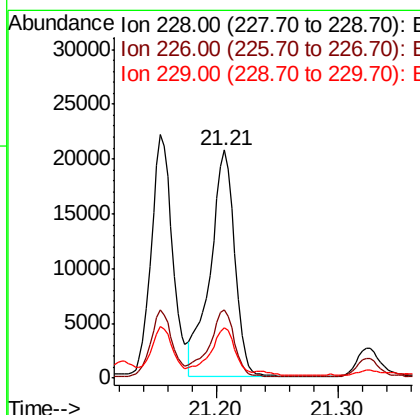
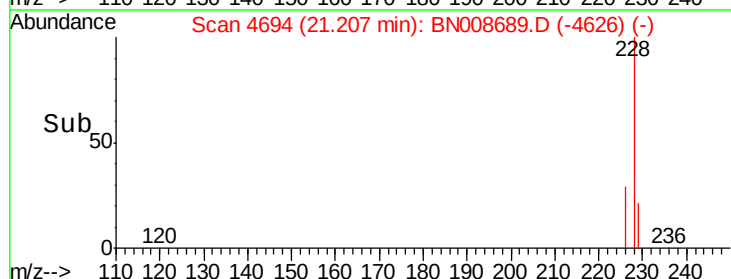
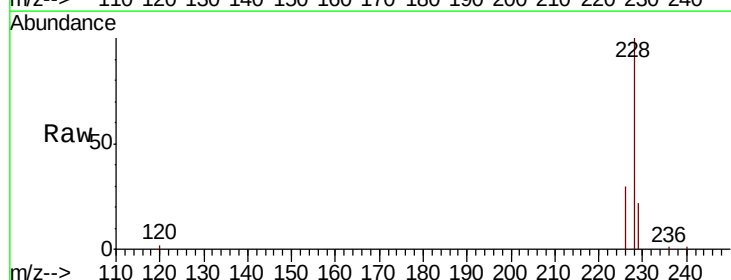
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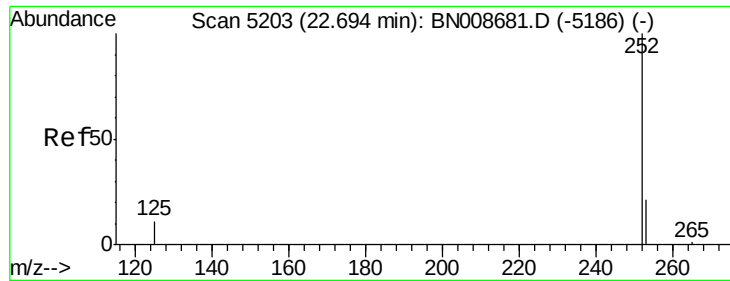
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#19
Chrysene
Concen: 0.518 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. -0.00 min
Lab File: BN008689.D
Acq: 21 Nov 2019 22:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	22.2	15.5	23.3





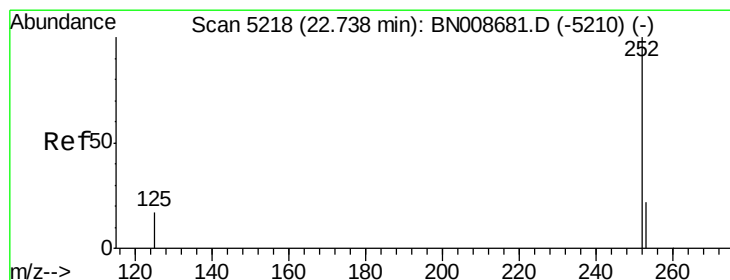
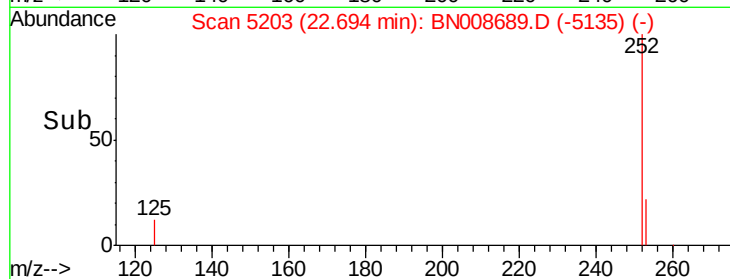
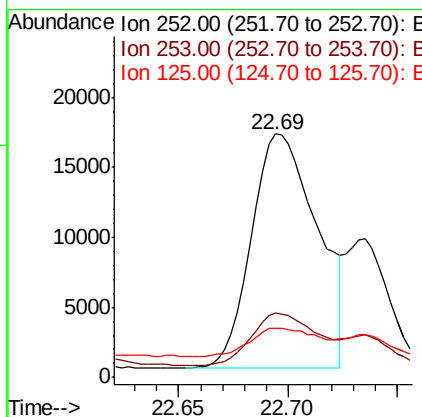
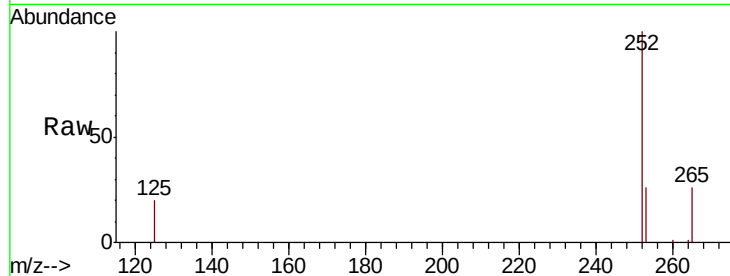
#21
Benzo(b)fluoranthene
Concen: 0.600 ng/ul m
RT: 22.69 min Scan# 5203
Delta R.T. -0.00 min
Lab File: BN008689.D
Acq: 21 Nov 2019 22:15

Instrument :
BNA_N
ClientSampleId :
C0AB2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	50.2
125	20.2	0.0	30.0

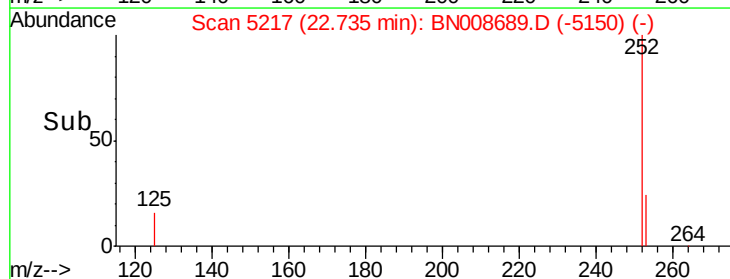
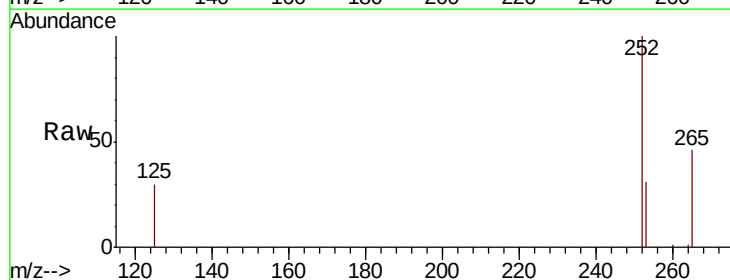
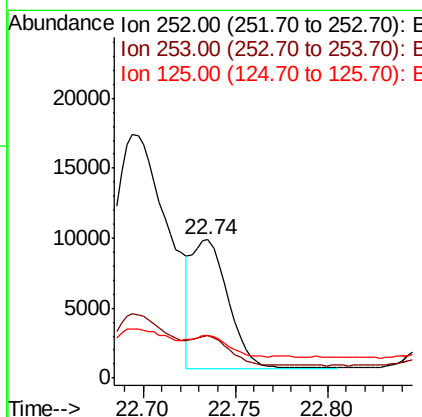
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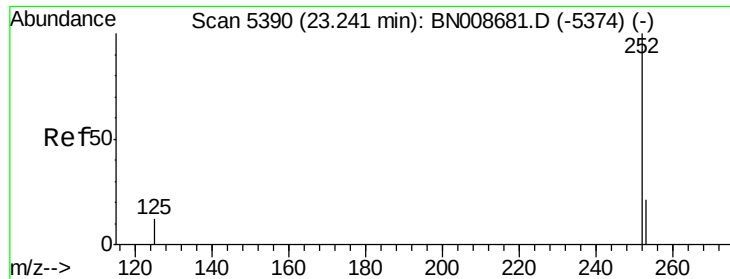
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#22
Benzo(k)fluoranthene
Concen: 0.219 ng/ul m
RT: 22.74 min Scan# 5217
Delta R.T. -0.00 min
Lab File: BN008689.D
Acq: 21 Nov 2019 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	20.5	30.7#
125	30.4	15.0	22.4#





#23

Benzo(a)pyrene

Concen: 0.442 ng/ul

RT: 23.24 min Scan# 5390

Delta R.T. -0.00 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

Instrument :

BNA_N

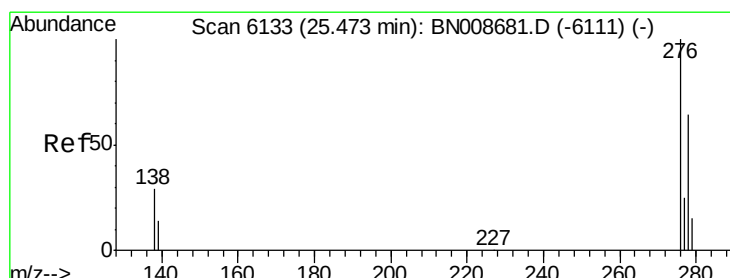
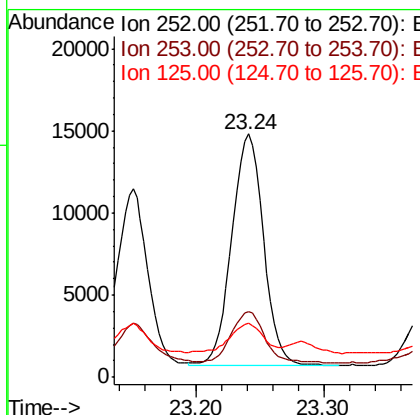
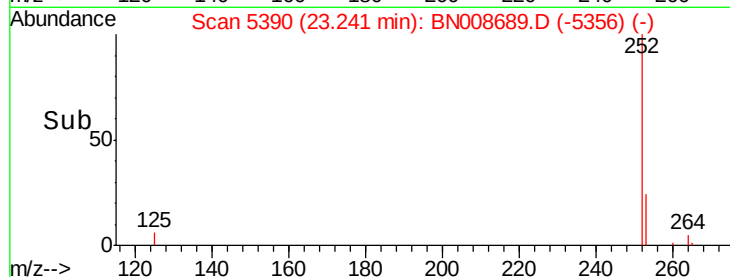
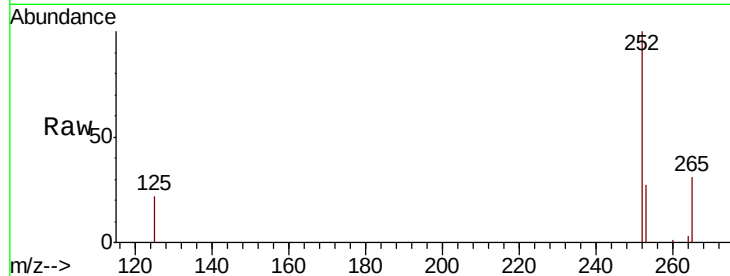
ClientSampleId :

C0AB2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.4	32.2
125	22.1	13.8	20.8

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.261 ng/ul

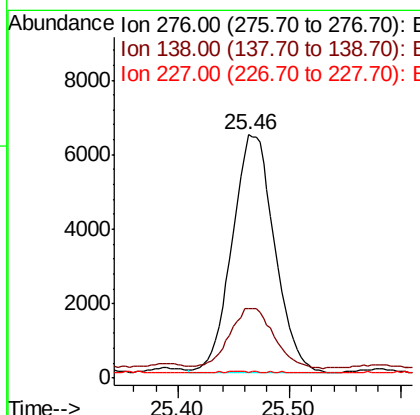
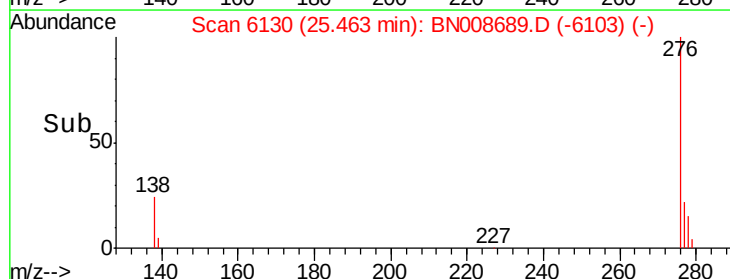
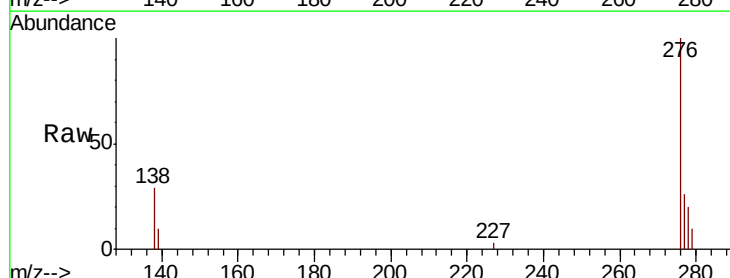
RT: 25.46 min Scan# 6130

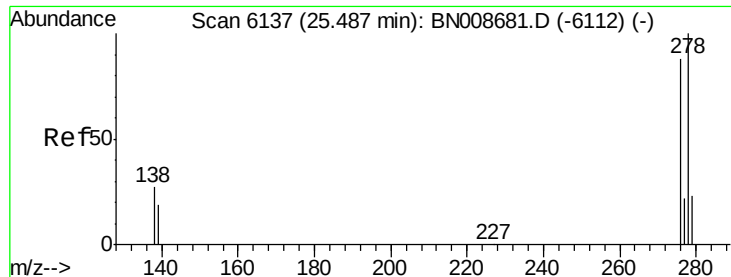
Delta R.T. -0.01 min

Lab File: BN008689.D

Acq: 21 Nov 2019 22:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.7	32.5
227	0.4	0.2	0.2





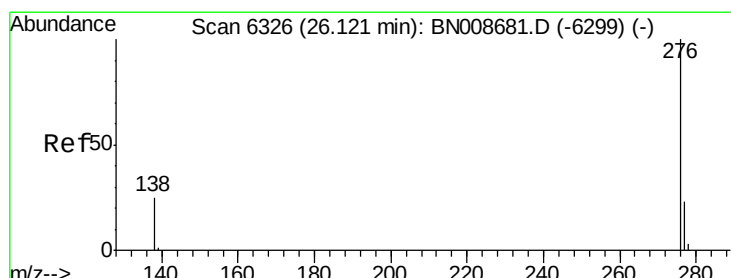
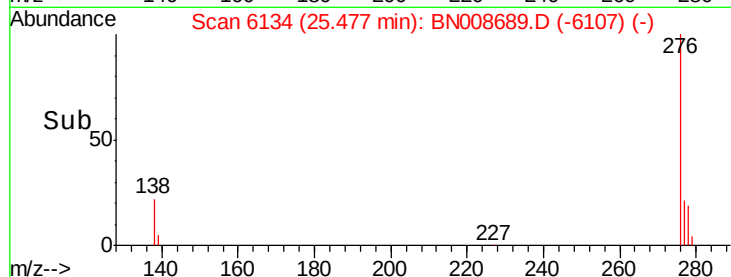
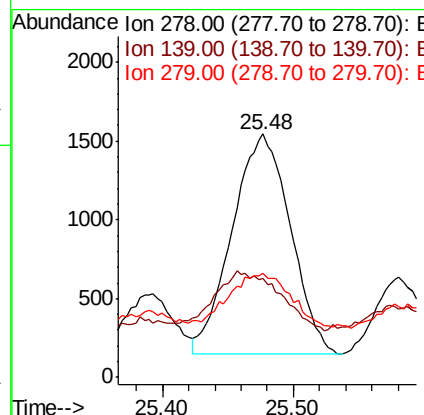
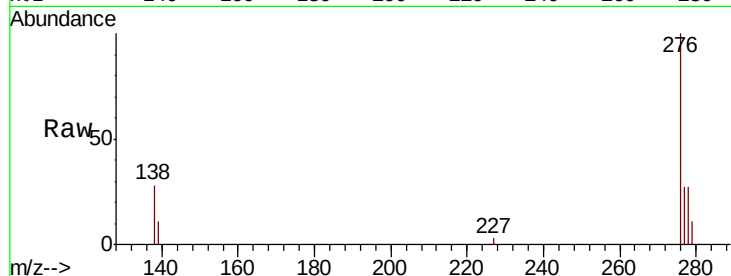
#25
Dibenzo(a,h)anthracene
Concen: 0.083 ng/ul
RT: 25.48 min Scan# 6134
Delta R.T. -0.01 min
Lab File: BN008689.D
Acq: 21 Nov 2019 22:15

Instrument :
BNA_N
ClientSampleId :
C0AB2DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	40.5	18.7	28.1#
279	42.7	20.8	31.2#

Manual Integrations
APPROVED

mohammad
11/22/2019 1:23:46 PM



#26
Benzo(g,h,i)perylene
Concen: 0.316 ng/ul
RT: 26.12 min Scan# 6325
Delta R.T. -0.00 min
Lab File: BN008689.D
Acq: 21 Nov 2019 22:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	20.0	30.0
277	25.6	20.0	30.0

