

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
 Data File : BN008708.D
 Acq On : 22 Nov 2019 11:30
 Operator : JU
 Sample : K5854-01DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB6DL

Manual Integrations
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Quant Time: Nov 22 13:58:46 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 07:12:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4133	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15323	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8452	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	16766	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	14210	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14336	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	815	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1777	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	3022	0.065	ng/ul	94
5) 2-Methylnaphthalene	12.03	142	3662	0.114	ng/ul	100
8) Acenaphthene	14.29	153	1199	0.035	ng/ul	97
9) Fluorene	15.28	166	1805	0.044	ng/ul#	95
12) Phenanthrene	17.01	178	25576	0.452	ng/ul	99
13) Anthracene	17.10	178	5713	0.107	ng/ul	97
15) Fluoranthene	19.04	202	47196	0.679	ng/ul	93
17) Pyrene	19.40	202	42573	0.747	ng/ul	96
18) Benzo(a)anthracene	21.16	228	22301	0.390	ng/ul	97
19) Chrysene	21.21	228	26555	0.473	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	30038m	0.508	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	11505m	0.196	ng/ul	
23) Benzo(a)pyrene	23.24	252	21069	0.380	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.47	276	15359	0.237	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.48	278	3722	0.071	ng/ul#	49
26) Benzo(a,h,i)perylene	26.12	276	16067	0.296	ng/ul#	92

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

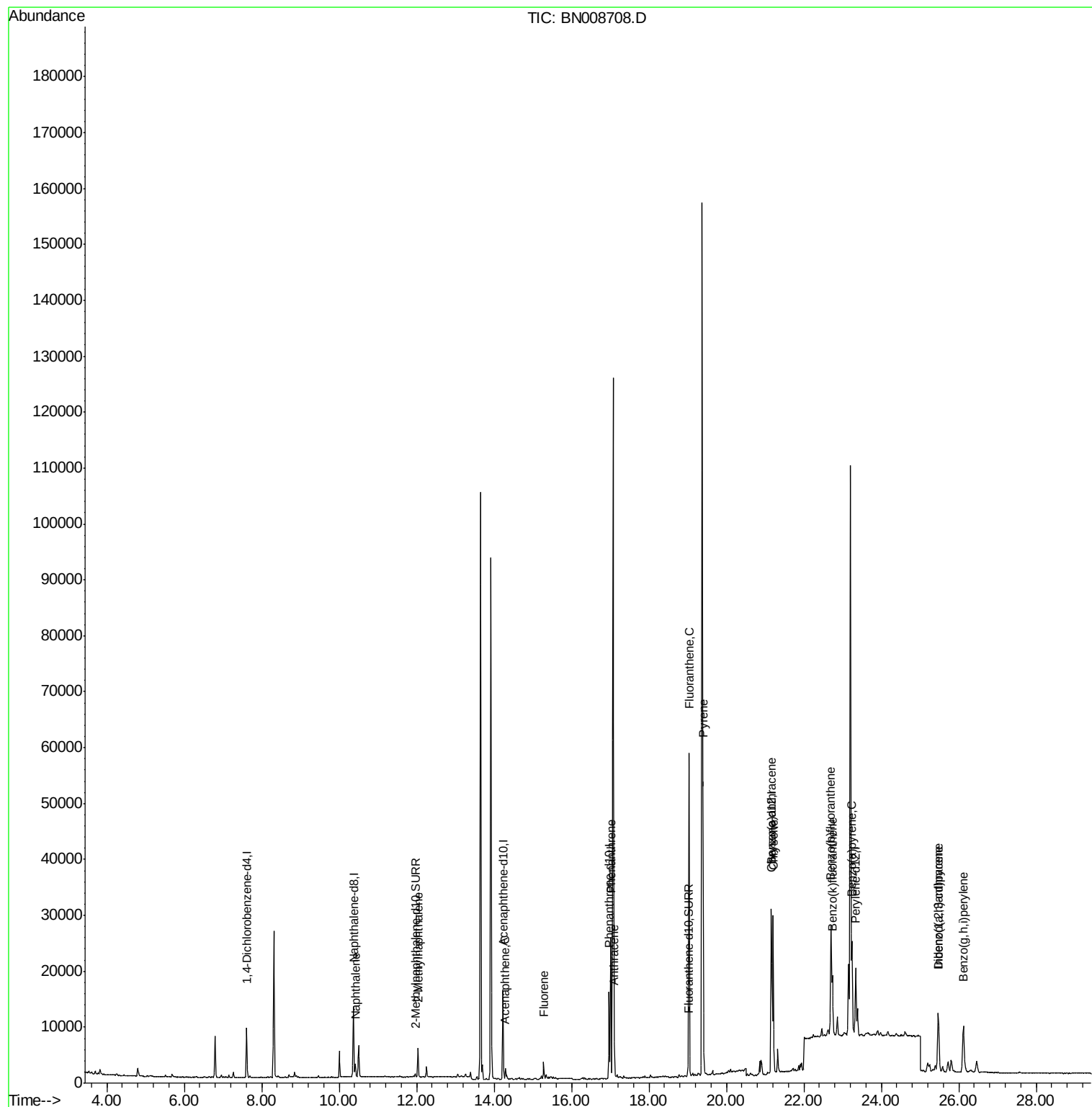
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008708.D
Acq On : 22 Nov 2019 11:30
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Sample : K5854-01DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

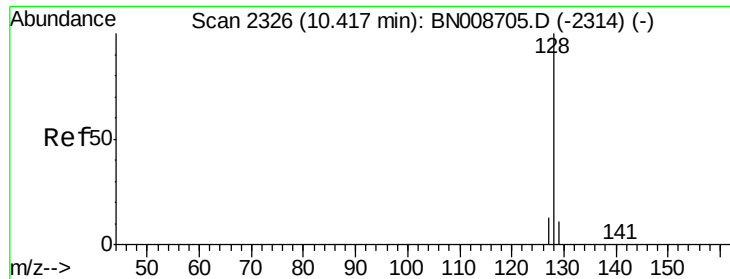
Instrument :
BNA_N
ClientSampleId :
C0AB6DL

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11/22/2019 3:24:04 PM

Quant Time: Nov 22 13:58:46 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 07:12:34 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.065 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BN008708.D

Acq: 22 Nov 2019 11:30

Instrument :

BNA_N

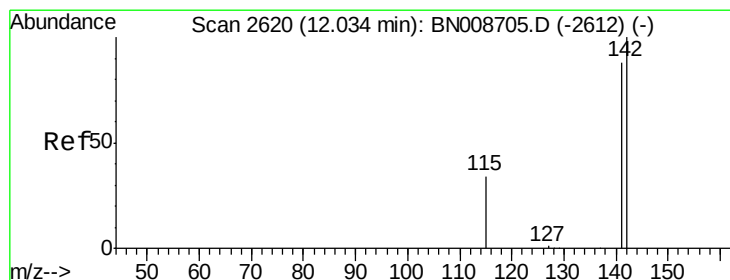
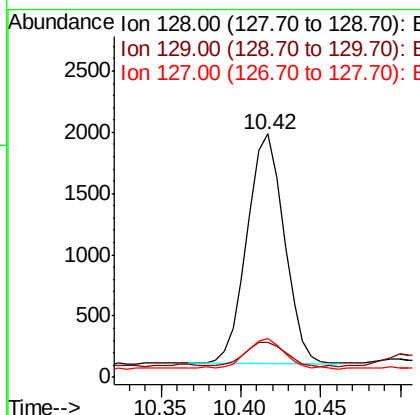
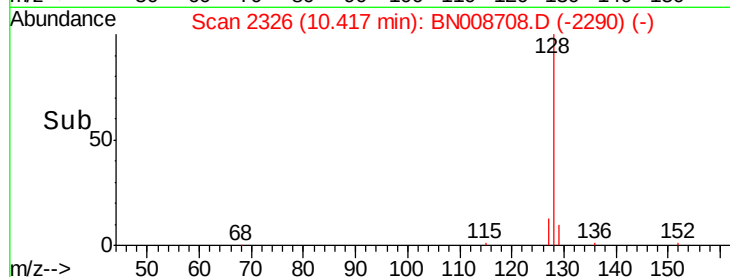
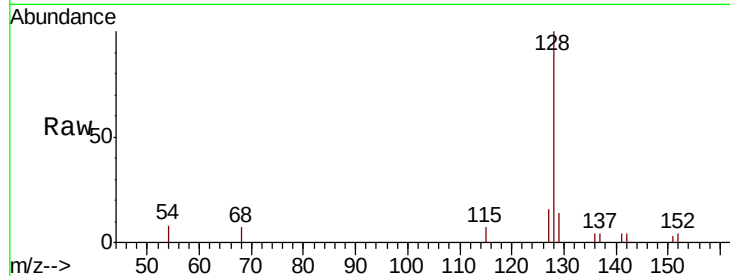
ClientSampleId :

C0AB6DL

Tot Ion:128	Resp:	3022
Ion Ratio	Lower	Upper
128	100	
129	14.3	9.7 14.5
127	16.1	10.8 16.2

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#5

2-Methylnaphthalene

Concen: 0.114 ng/ul

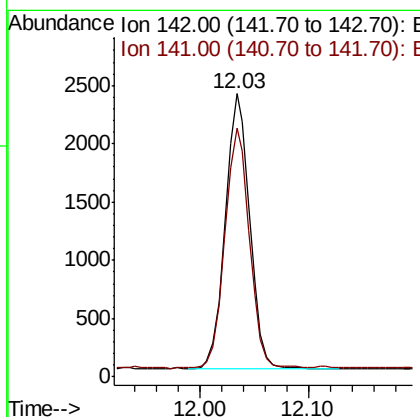
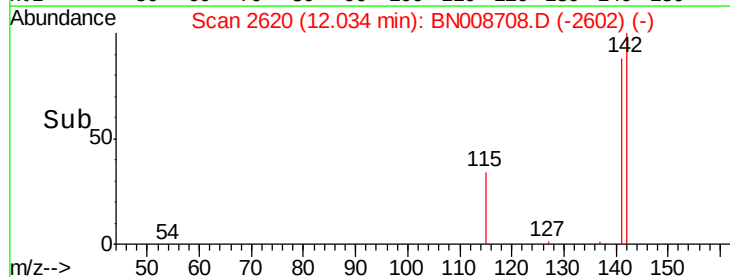
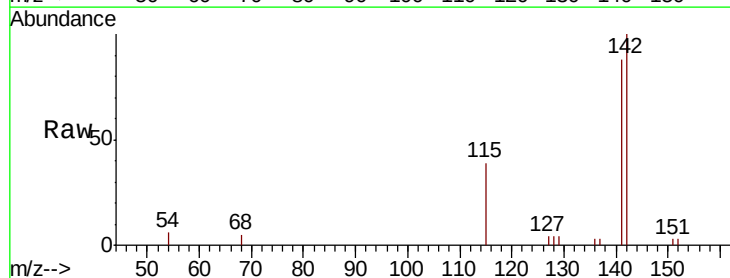
RT: 12.03 min Scan# 2620

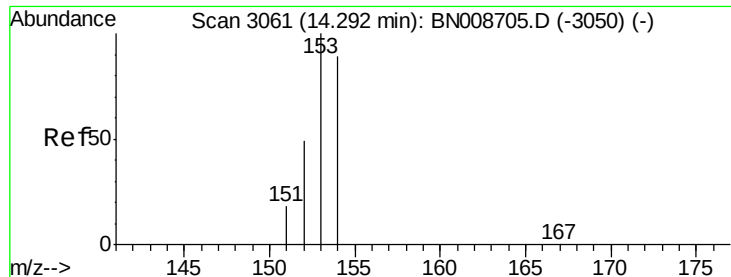
Delta R.T. -0.00 min

Lab File: BN008708.D

Acq: 22 Nov 2019 11:30

Tgt Ion:142	Resp:	3662
Ion Ratio	Lower	Upper
142	100	
141	88.5	70.5 105.7





#8

Acenaphthene

Concen: 0.035 ng/ul

RT: 14.29 min Scan# 3061

Delta R.T. -0.00 min

Lab File: BN008708.D

Acq: 22 Nov 2019 11:30

Instrument :

BNA_N

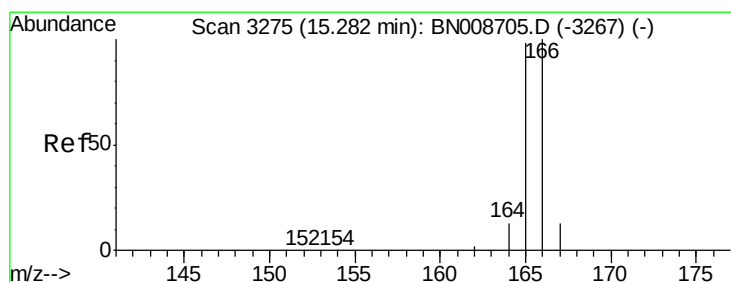
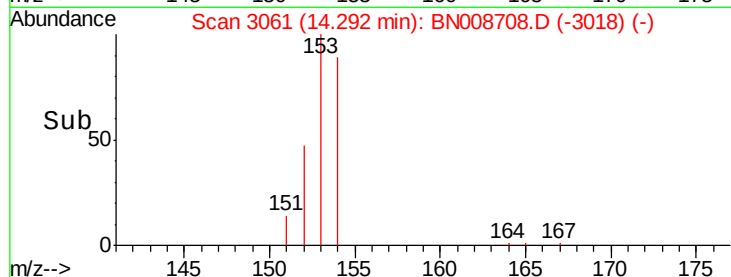
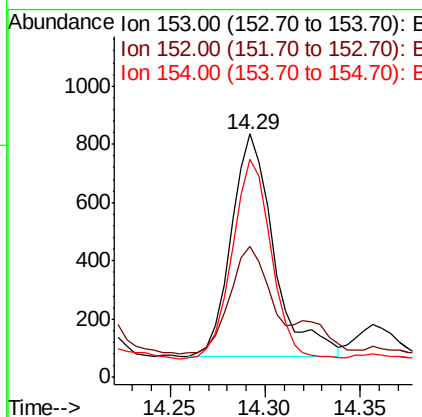
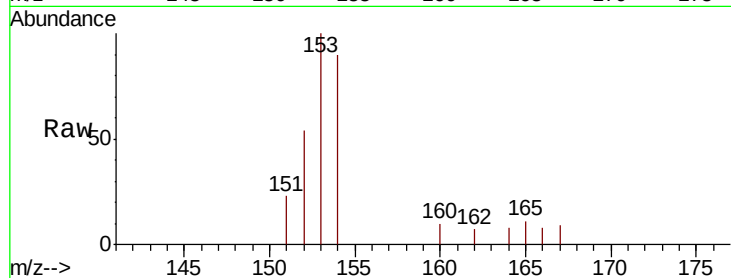
ClientSampleId :

C0AB6DL

Tot Ion:	153	Resp:	1199
Ion Ratio	Lower	Upper	
153	100		
152	53.7	39.6	59.4
154	89.6	70.6	106.0

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#9

Fluorene

Concen: 0.044 ng/ul

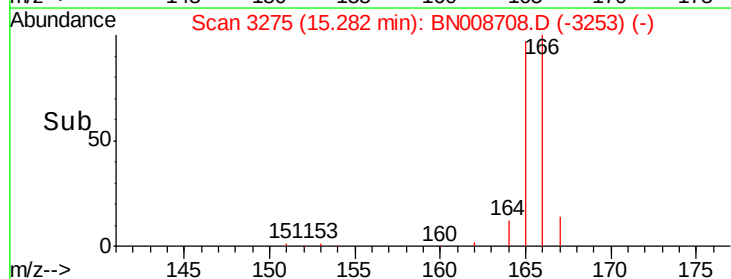
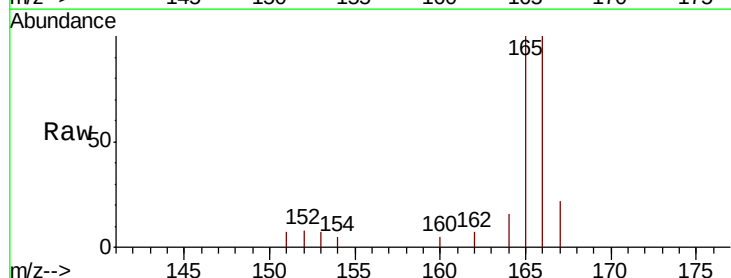
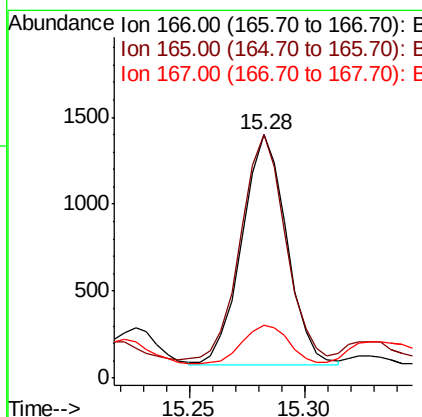
RT: 15.28 min Scan# 3275

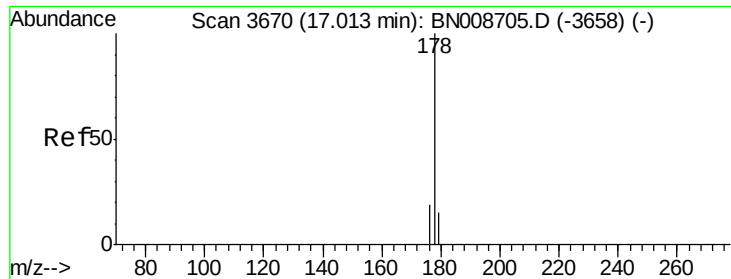
Delta R.T. -0.00 min

Lab File: BN008708.D

Acq: 22 Nov 2019 11:30

Tgt Ion:	166	Resp:	1805
Ion Ratio	Lower	Upper	
166	100		
165	100.0	77.4	116.0
167	21.8	11.4	17.0





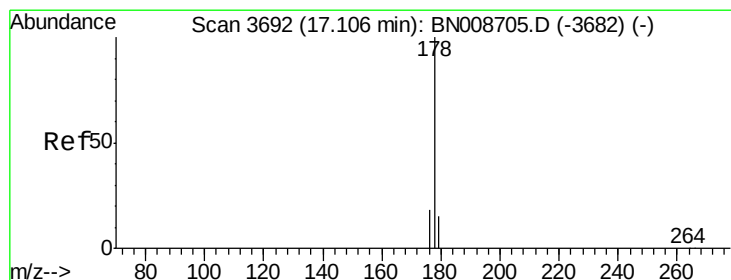
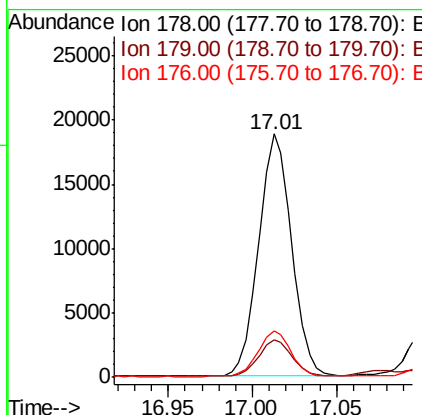
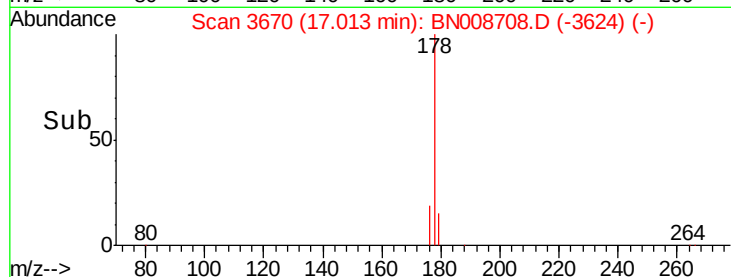
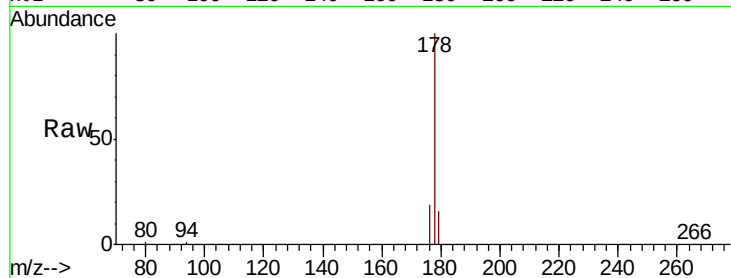
#12
Phenanthrene
Concen: 0.452 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008708.D
Acq: 22 Nov 2019 11:30

Instrument :
BNA_N
ClientSampleId :
C0AB6DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.2	16.0	24.0

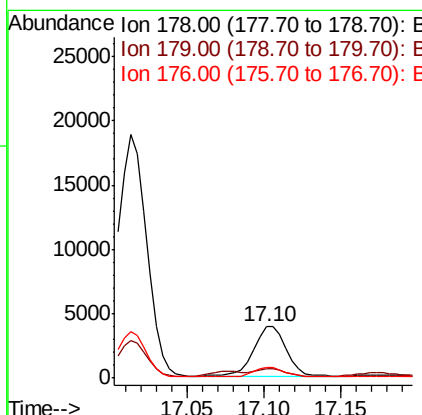
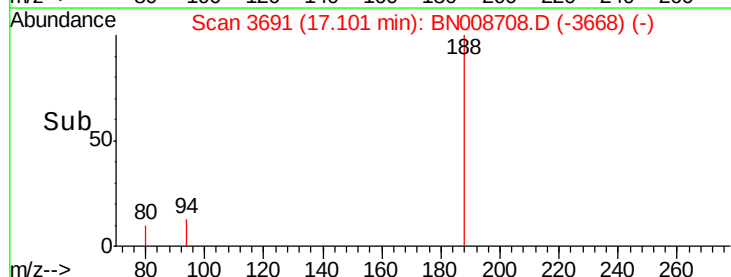
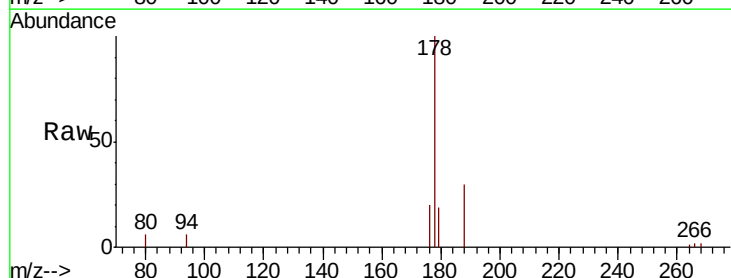
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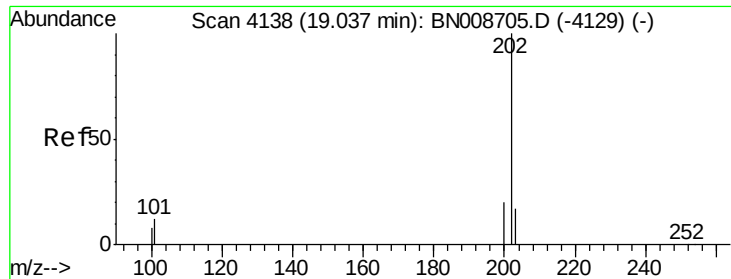
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#13
Anthracene
Concen: 0.107 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.00 min
Lab File: BN008708.D
Acq: 22 Nov 2019 11:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.5	13.0	19.4
176	19.7	15.3	22.9





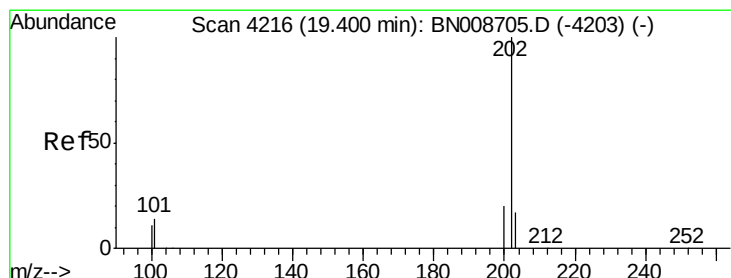
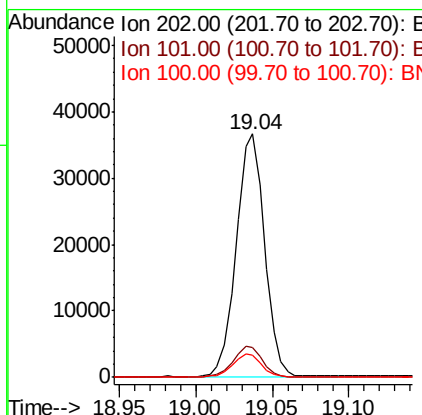
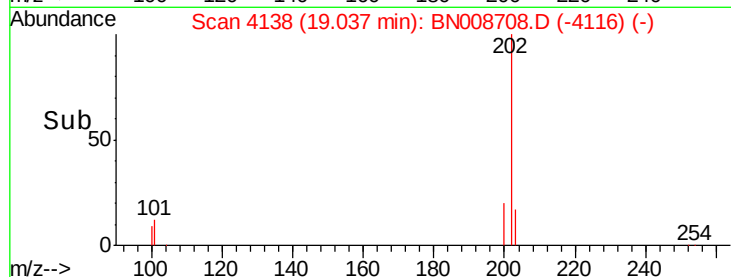
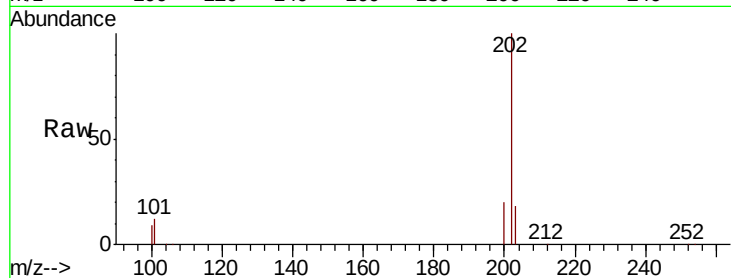
#15
Fluoranthene
 Concen: 0.679 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008708.D
 Acq: 22 Nov 2019 11:30

Instrument :
 BNA_N
 ClientSampleId :
 C0AB6DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	29.6
100	9.1	0.0	27.0

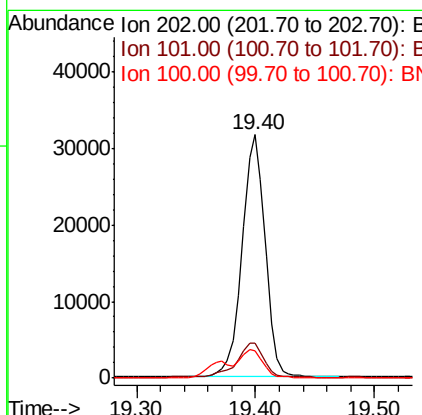
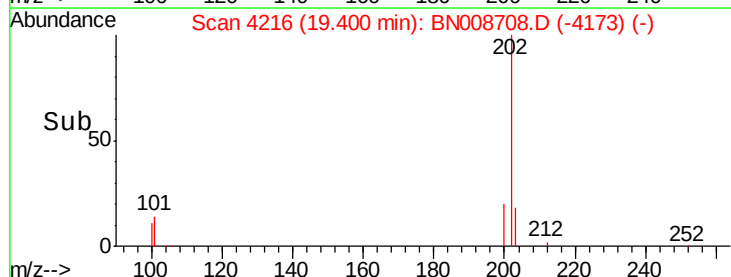
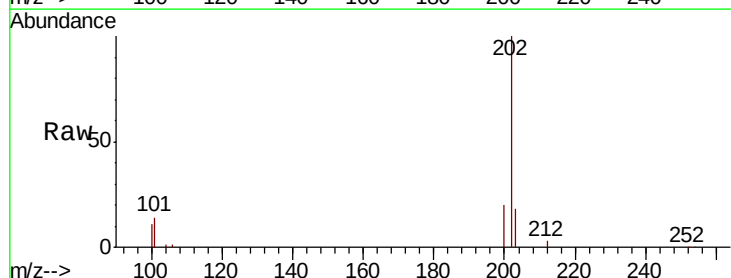
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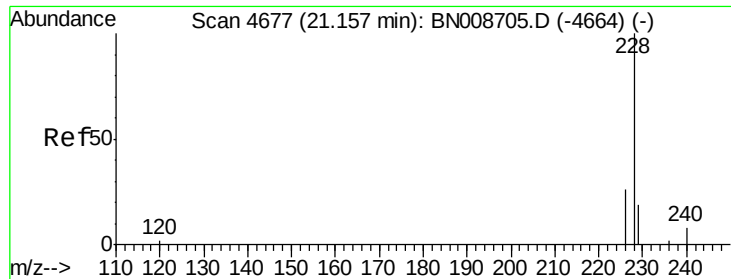
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#17
Pyrene
 Concen: 0.747 ng/ul
 RT: 19.40 min Scan# 4216
 Delta R.T. -0.00 min
 Lab File: BN008708.D
 Acq: 22 Nov 2019 11:30

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.4	10.2	15.2
100	11.5	8.2	12.2





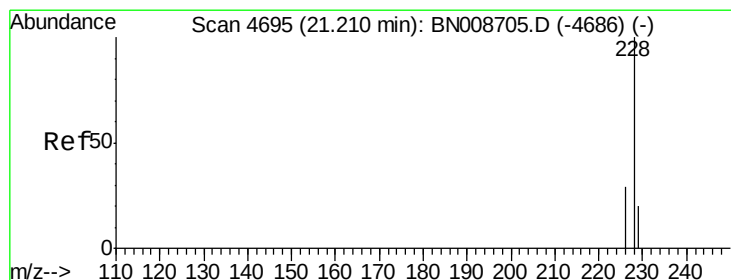
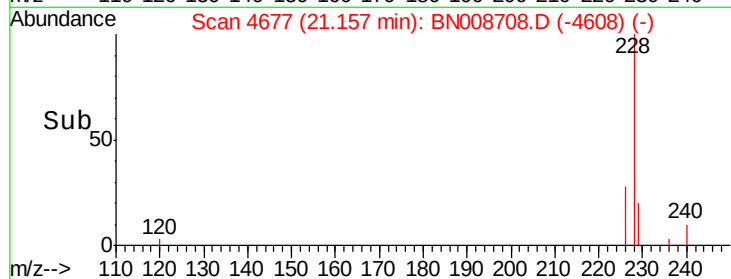
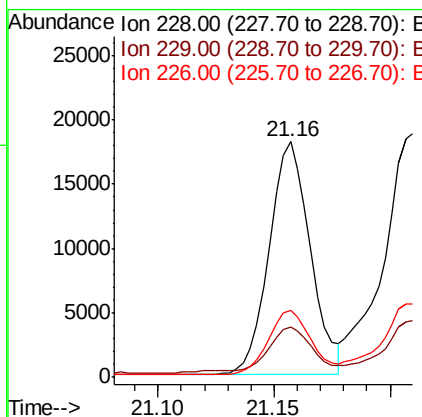
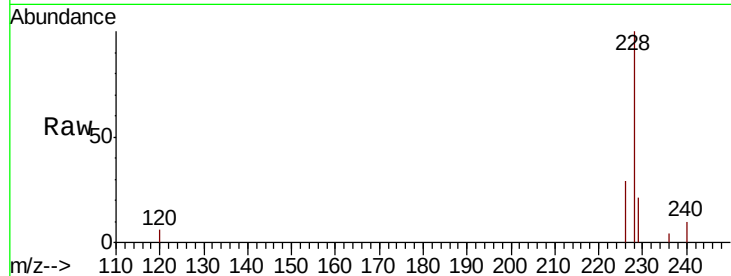
#18
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008708.D
Acq: 22 Nov 2019 11:30

Instrument :
BNA_N
ClientSampleId :
C0AB6DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	28.6	21.6	32.4

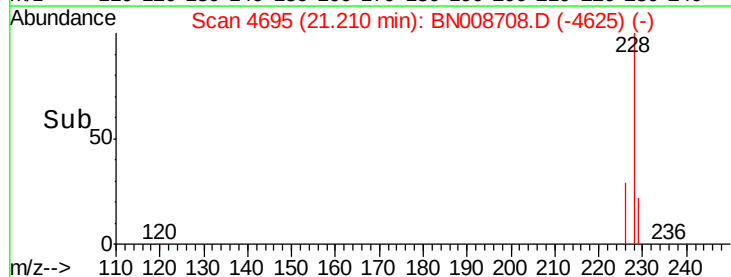
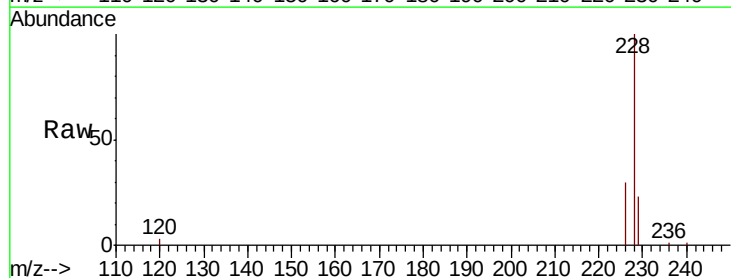
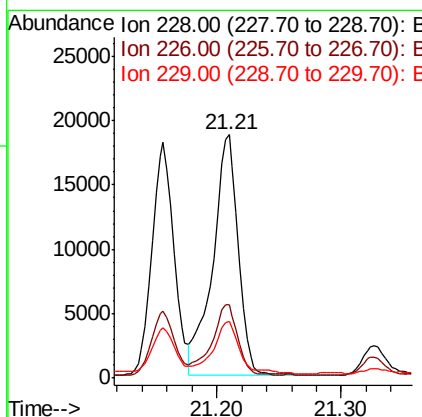
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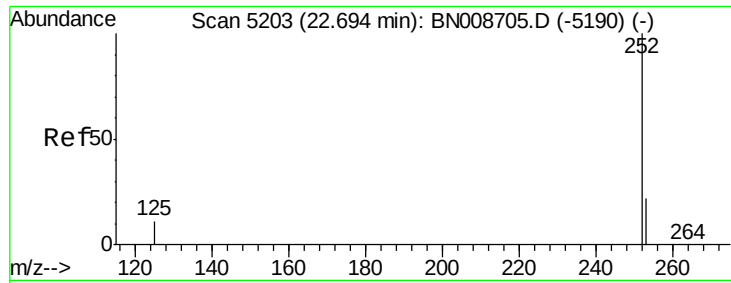
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#19
Chrysene
Concen: 0.473 ng/ul
RT: 21.21 min Scan# 4695
Delta R.T. 0.01 min
Lab File: BN008708.D
Acq: 22 Nov 2019 11:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	23.1	15.5	23.3





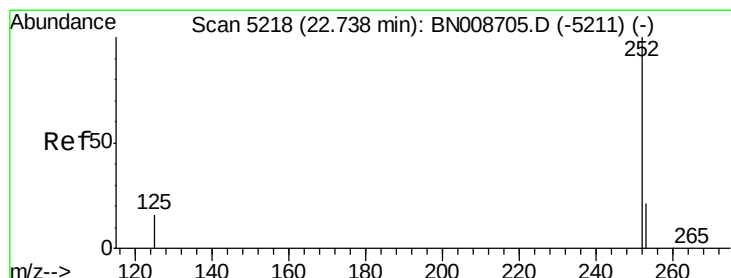
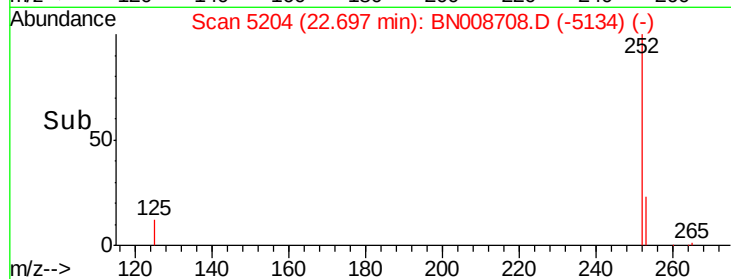
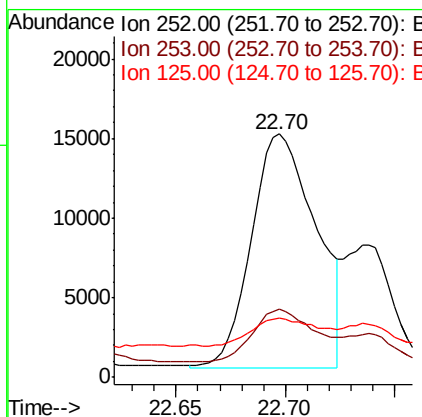
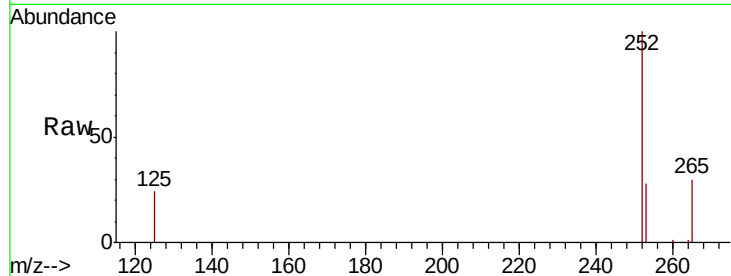
#21
Benzo(b)fluoranthene
Concen: 0.508 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. 0.01 min
Lab File: BN008708.D
Acq: 22 Nov 2019 11:30

Instrument :
BNA_N
ClientSampleId :
C0AB6DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	30038		
253	28.1	0.0	50.2	
125	24.3	0.0	30.0	

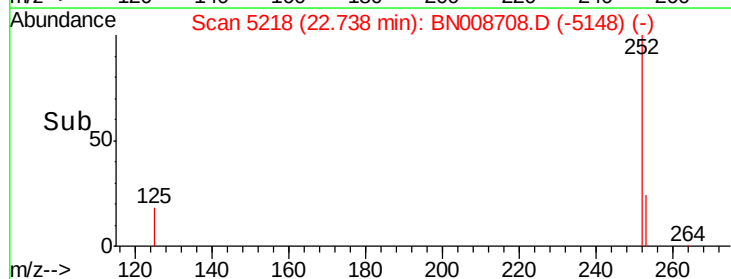
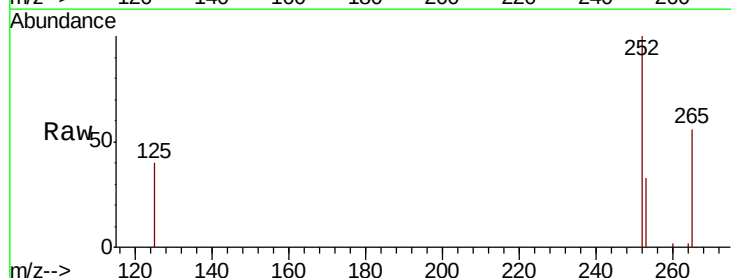
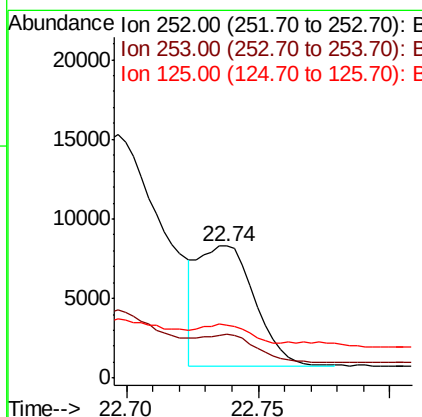
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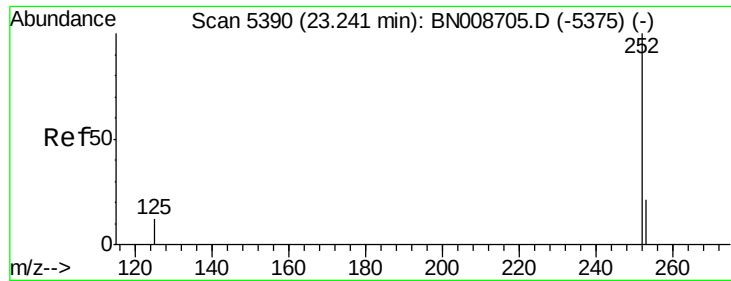
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#22
Benzo(k)fluoranthene
Concen: 0.196 ng/ul m
RT: 22.74 min Scan# 5218
Delta R.T. 0.01 min
Lab File: BN008708.D
Acq: 22 Nov 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	11505		
253	32.9	20.5	30.7#	
125	39.8	15.0	22.4#	





#23

Benzo(a)pyrene

Concen: 0.380 ng/ul

RT: 23.24 min Scan# 5391

Delta R.T. 0.01 min

Lab File: BN008708.D

Acq: 22 Nov 2019 11:30

Instrument :

BNA_N

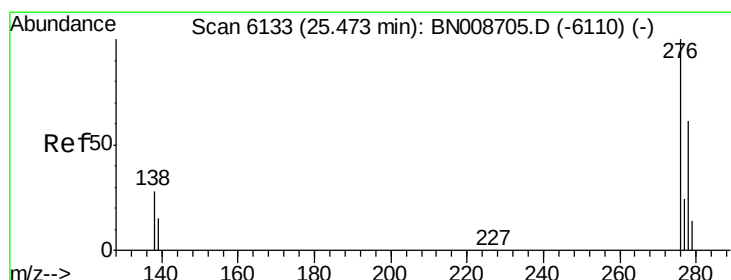
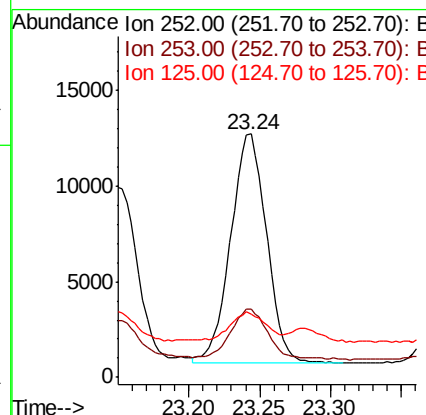
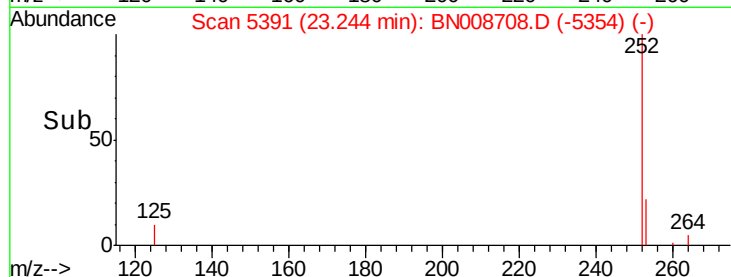
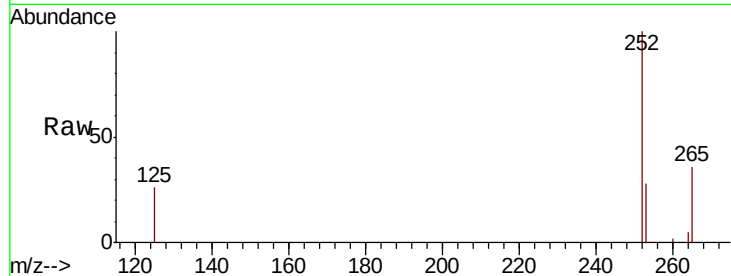
ClientSampleId :

C0AB6DL

Tot Ion:	252	Resp:	21069
Ion Ratio	Lower	Upper	
252	100		
253	27.9	21.4	32.2
125	26.2	13.8	20.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.237 ng/ul

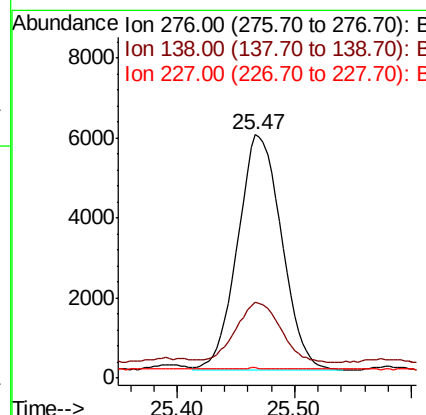
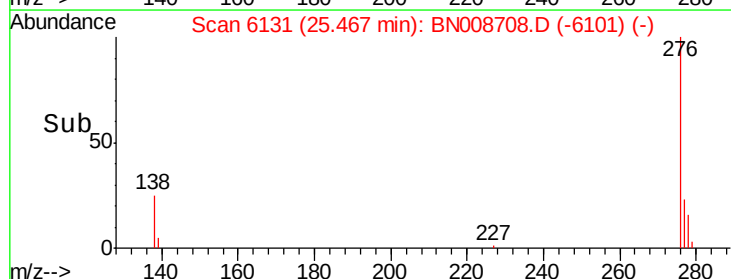
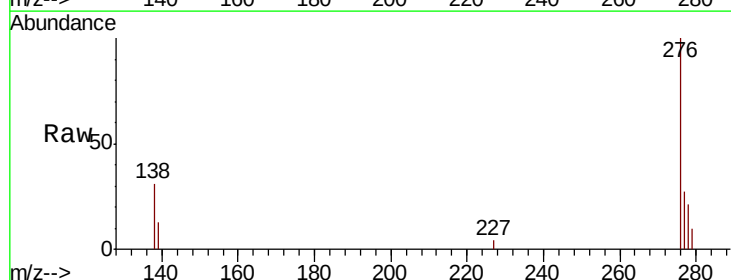
RT: 25.47 min Scan# 6131

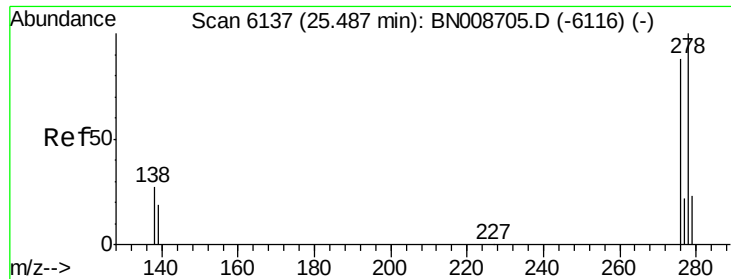
Delta R.T. -0.00 min

Lab File: BN008708.D

Acq: 22 Nov 2019 11:30

Tgt Ion:	276	Resp:	15359
Ion Ratio	Lower	Upper	
276	100		
138	26.1	21.7	32.5
227	0.4	0.2	0.2#





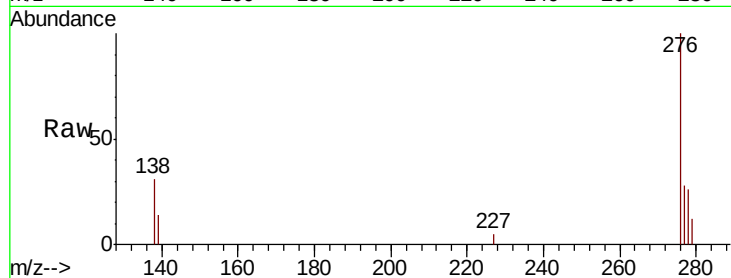
#25
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.00 min
Lab File: BN008708.D
Acq: 22 Nov 2019 11:30

Instrument :
BNA_N
ClientSampleId :
C0AB6DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	53.1	18.7	28.1#
279	47.0	20.8	31.2#

Manual Integrations
APPROVED

mohammad
11/22/2019 3:24:04 PM

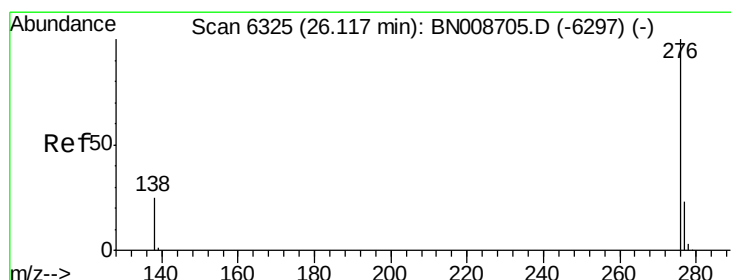
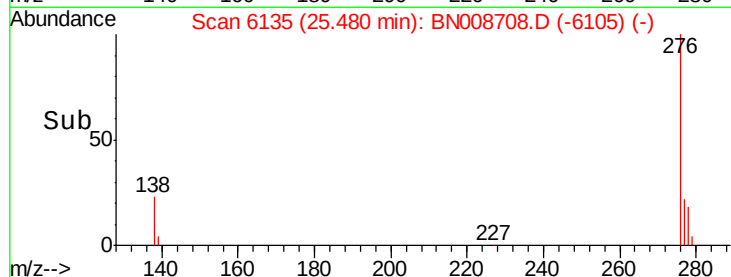
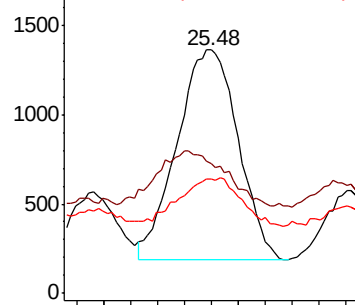


Abundance

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: 0.296 ng/ul
RT: 26.12 min Scan# 6326
Delta R.T. 0.01 min
Lab File: BN008708.D
Acq: 22 Nov 2019 11:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.0	20.0	30.0#
277	27.1	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

