

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
 Data File : BN008697.D
 Acq On : 22 Nov 2019 04:15
 Operator : JU
 Sample : K5854-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Manual Integrations
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Quant Time: Nov 22 07:33:54 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	4062	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15106	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8740	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17414	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	13555	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14303	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3788	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	9489	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	20360	0.447	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	23461	0.738	ng/ul	100
7) Acenaphthylene	13.95	152	3802	0.079	ng/ul#	88
8) Acenaphthene	14.30	153	21135	0.589	ng/ul	97
9) Fluorene	15.29	166	27719	0.658	ng/ul	99
12) Phenanthrene	17.02	178	405509	6.905	ng/ul	98
13) Anthracene	17.11	178	104570	1.884	ng/ul	99
15) Fluoranthene	19.04	202	577564	8.005	ng/ul	93
17) Pyrene	19.40	202	472334	8.686	ng/ul	98
18) Benzo(a)anthracene	21.16	228	246259	4.518	ng/ul	98
19) Chrysene	21.21	228	216504	4.044	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	270364m	4.584	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	94833m	1.621	ng/ul	
23) Benzo(a)pyrene	23.24	252	195968	3.540	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.47	276	123931	1.914	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.48	278	30792	0.589	ng/ul#	84
26) Benzo(a,h,i)perylene	26.12	276	116109	2.144	ng/ul	98

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

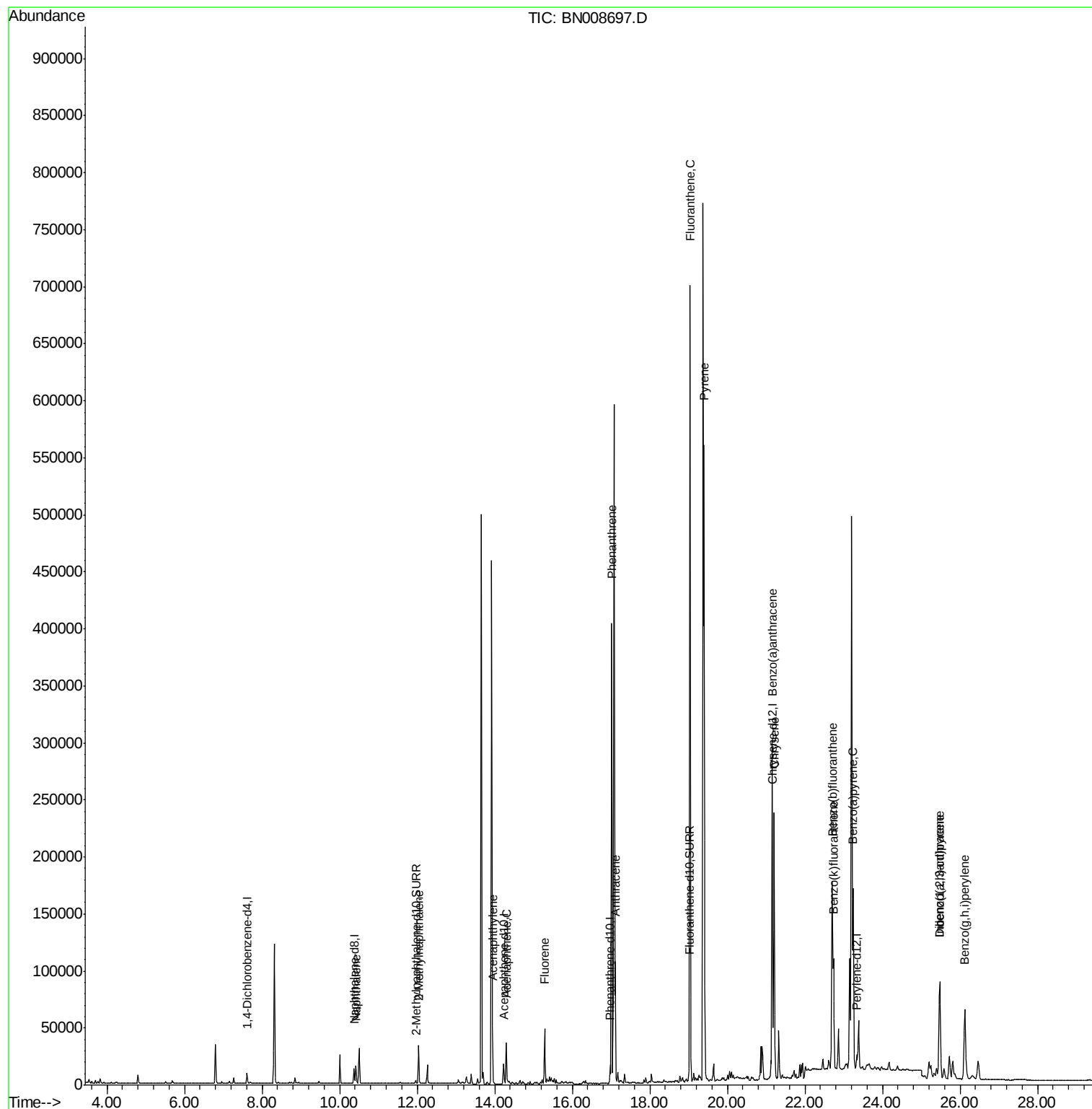
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008697.D
Acq On : 22 Nov 2019 04:15
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Sample : K5854-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

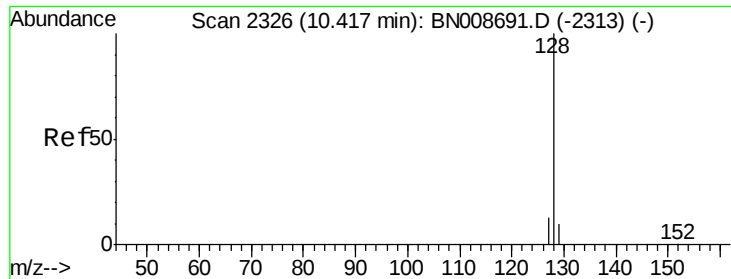
Instrument :
BNA_N
ClientSampleId :
C0AD2

Quant Time: Nov 22 07:33:54 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

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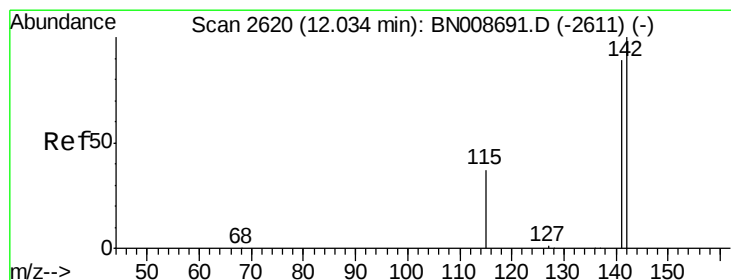
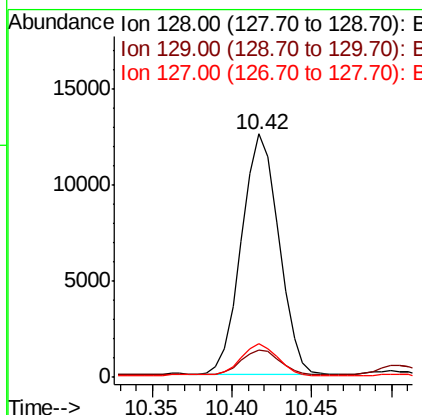
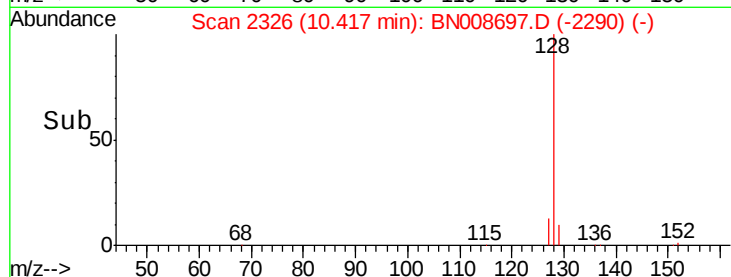
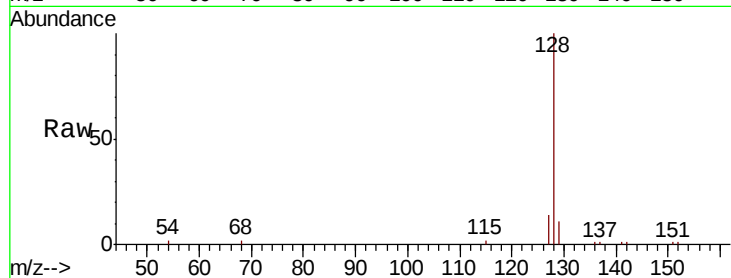
#3
Naphthalene
Concen: 0.447 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BN008697.D
Acq: 22 Nov 2019 04:15

Instrument :
BNA_N
ClientSampleId :
C0AD2

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	13.6	10.8	16.2

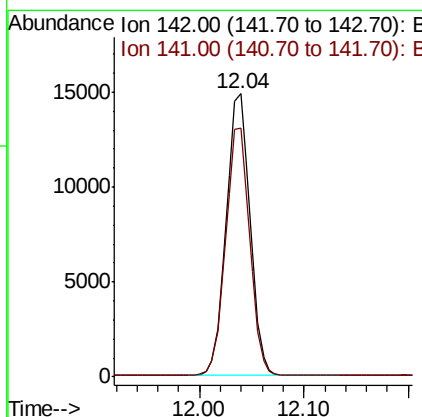
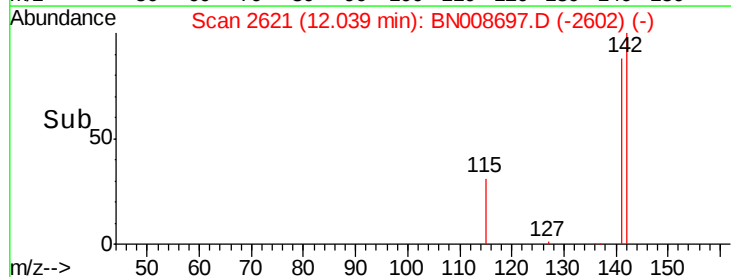
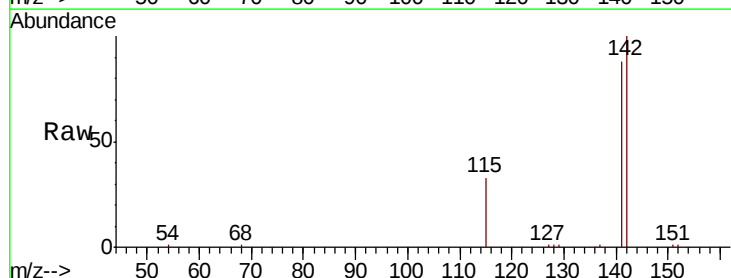
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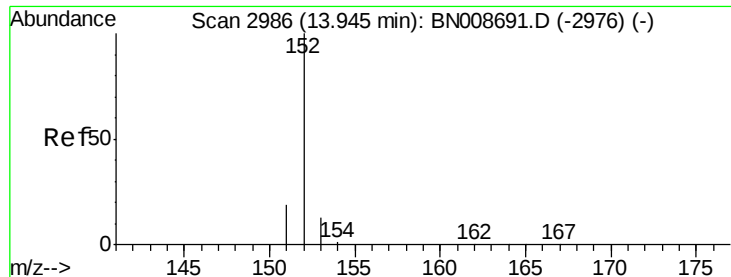
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#5
2-Methylnaphthalene
Concen: 0.738 ng/ul
RT: 12.04 min Scan# 2621
Delta R.T. 0.01 min
Lab File: BN008697.D
Acq: 22 Nov 2019 04:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.5	105.7





#7

Acenaphthylene

Concen: 0.079 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN008697.D

Acq: 22 Nov 2019 04:15

Instrument :

BNA_N

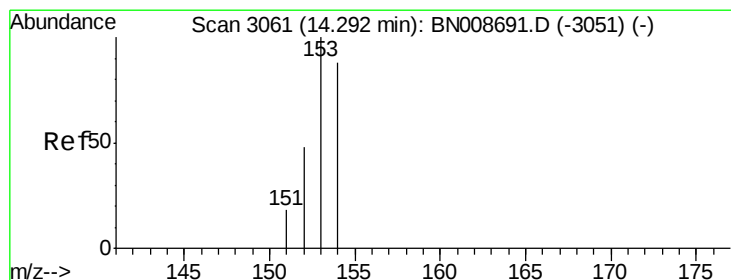
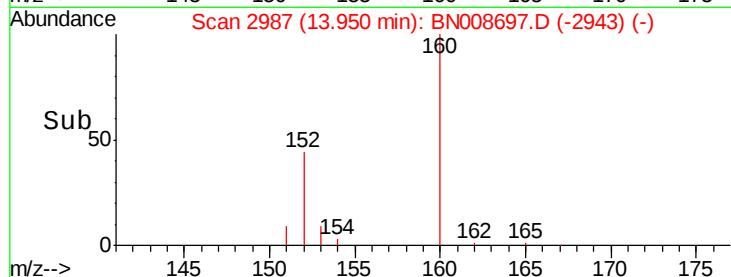
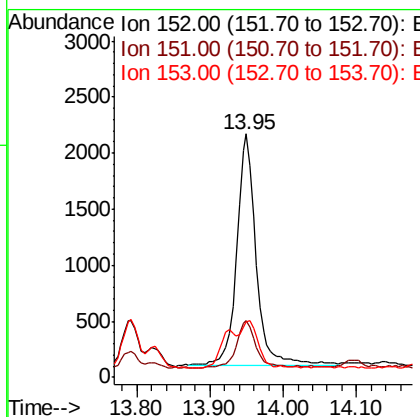
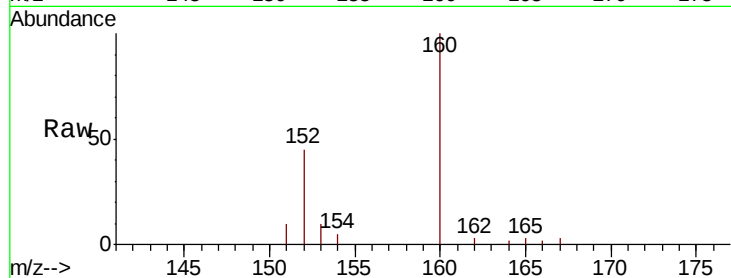
ClientSampleID :

C0AD2

Tot Ion:	152	Resp:	3802
Ion Ratio	Lower	Upper	
152	100		
151	23.1	16.6	24.8
153	23.0	11.1	16.7

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#8

Acenaphthene

Concen: 0.589 ng/ul

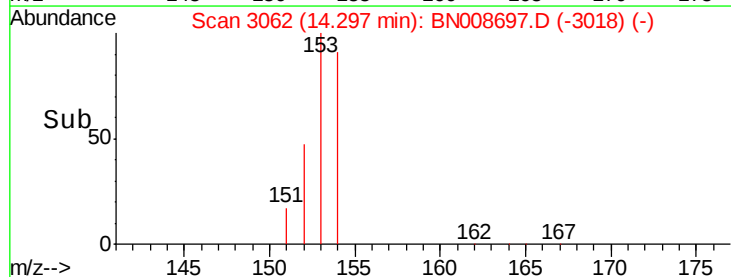
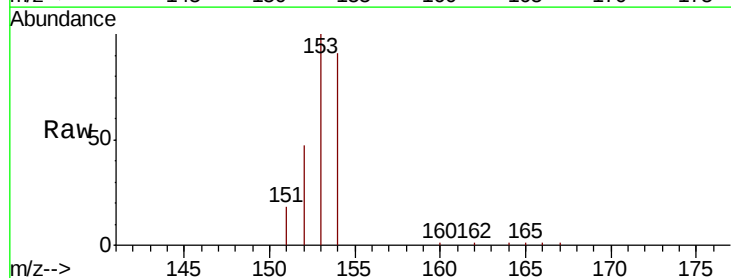
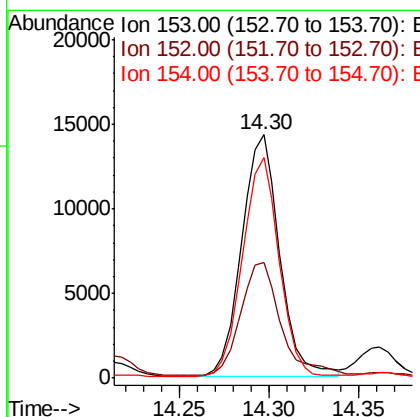
RT: 14.30 min Scan# 3062

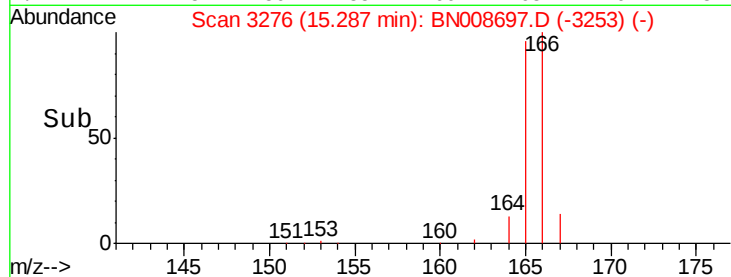
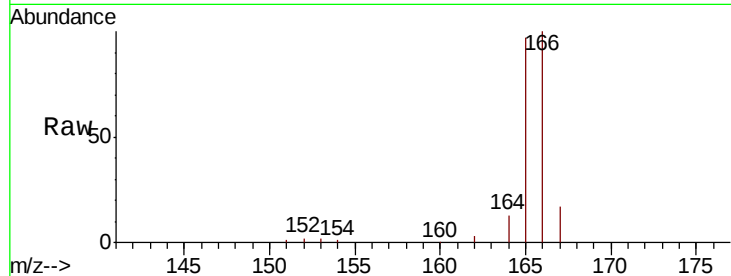
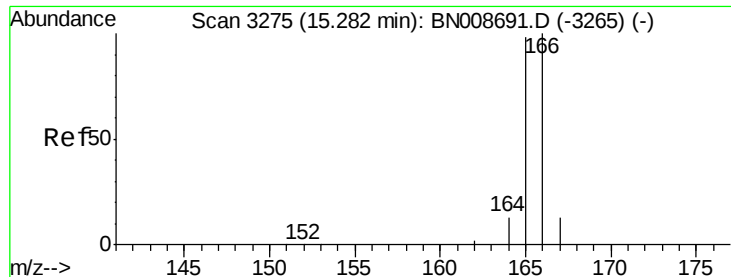
Delta R.T. 0.00 min

Lab File: BN008697.D

Acq: 22 Nov 2019 04:15

Tgt Ion:	153	Resp:	21135
Ion Ratio	Lower	Upper	
153	100		
152	47.3	39.6	59.4
154	90.5	70.6	106.0





#9

Fluorene

Concen: 0.658 ng/ul

RT: 15.29 min Scan# 3276

Delta R.T. 0.00 min

Lab File: BN008697.D

Acq: 22 Nov 2019 04:15

Tot Ion:	166	Resp:	27719
Ion Ratio	Lower	Upper	
166	100		
165	97.1	77.4	116.0
167	16.7	11.4	17.0

Instrument :

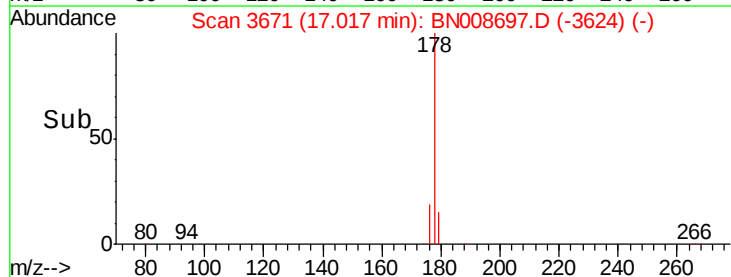
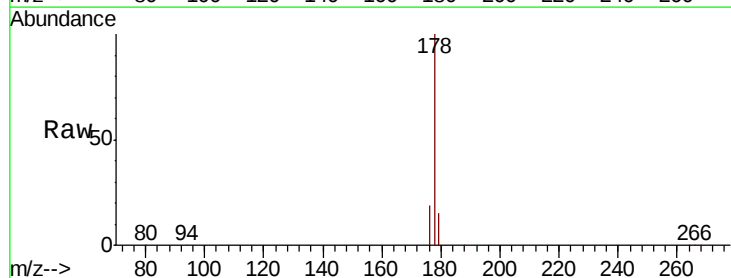
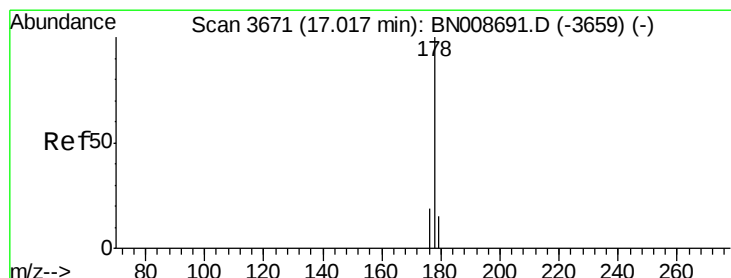
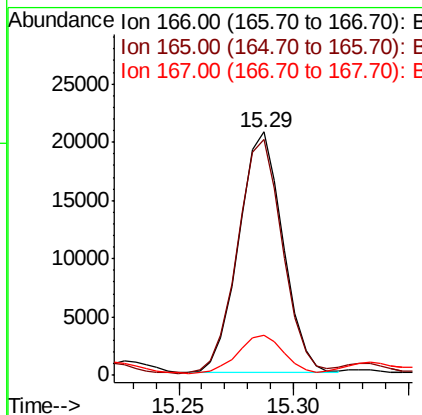
BNA_N

ClientSampleId :

C0AD2

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#12

Phenanthrene

Concen: 6.905 ng/ul

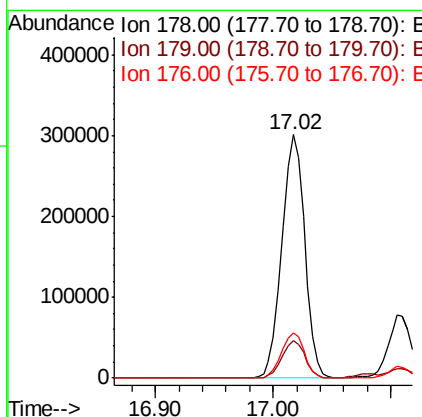
RT: 17.02 min Scan# 3671

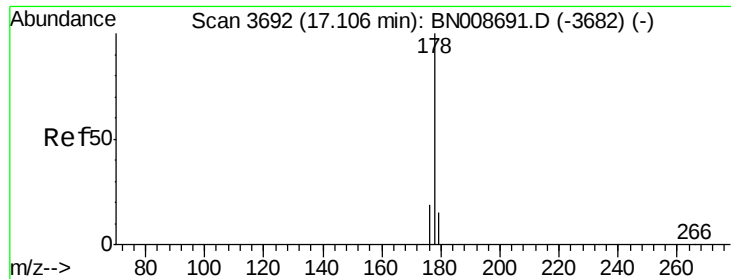
Delta R.T. -0.00 min

Lab File: BN008697.D

Acq: 22 Nov 2019 04:15

Tgt Ion:	178	Resp:	405509
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.8	19.2
176	18.8	16.0	24.0





#13

Anthracene

Concen: 1.884 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BN008697.D

Acq: 22 Nov 2019 04:15

Instrument :

BNA_N

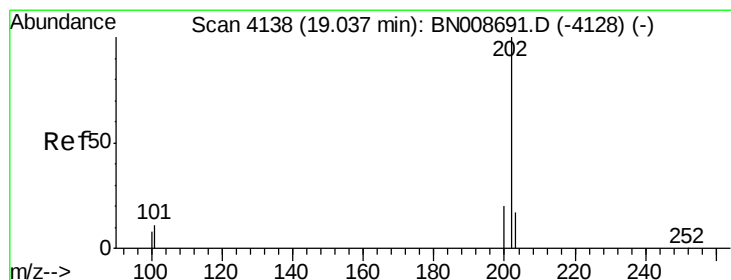
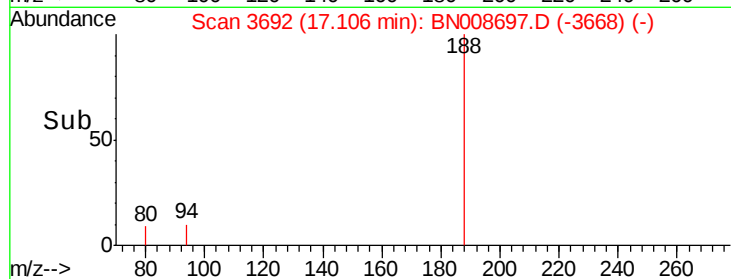
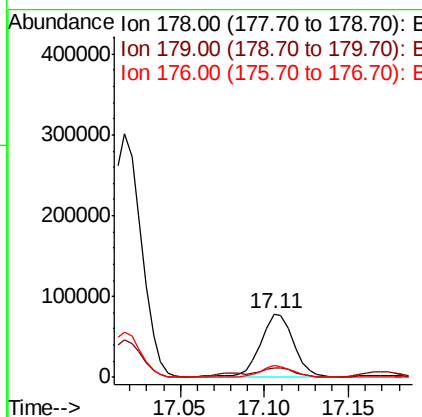
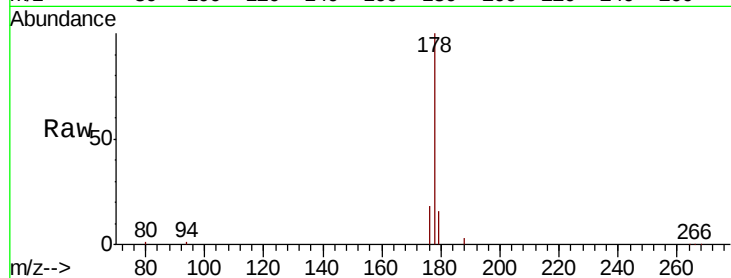
ClientSampleId :

C0AD2

Tot Ion:	178	Resp:	104570
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.0	19.4
176	18.4	15.3	22.9

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#15

Fluoranthene

Concen: 8.005 ng/ul

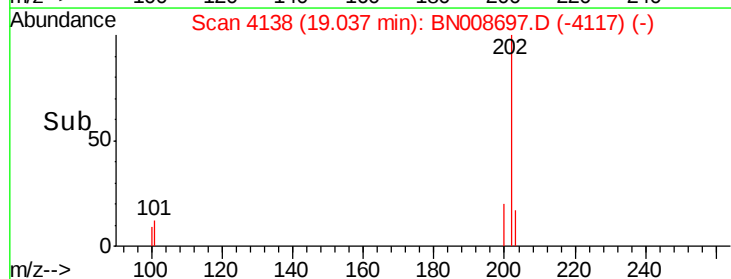
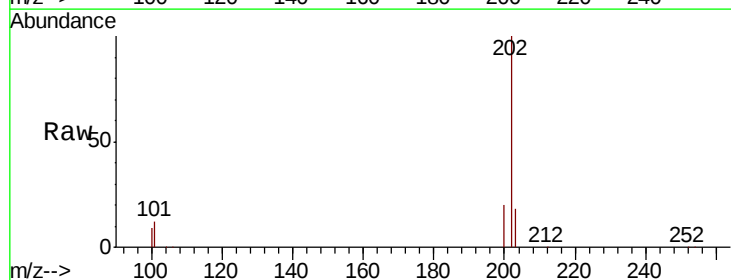
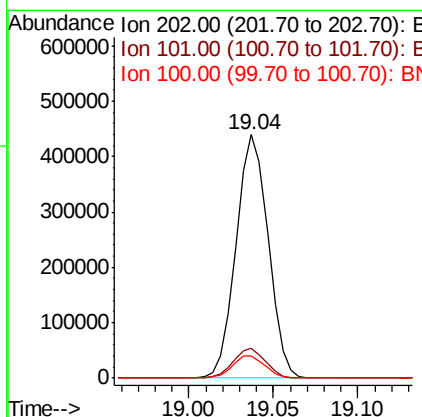
RT: 19.04 min Scan# 4138

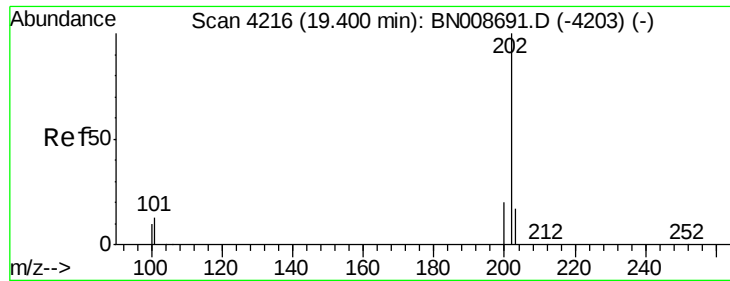
Delta R.T. -0.00 min

Lab File: BN008697.D

Acq: 22 Nov 2019 04:15

Tgt Ion:	202	Resp:	577564
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	29.6
100	9.2	0.0	27.0





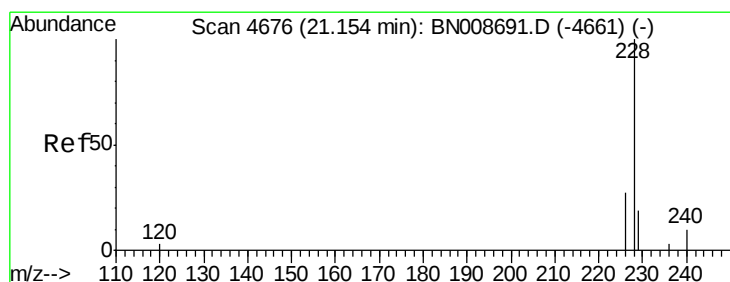
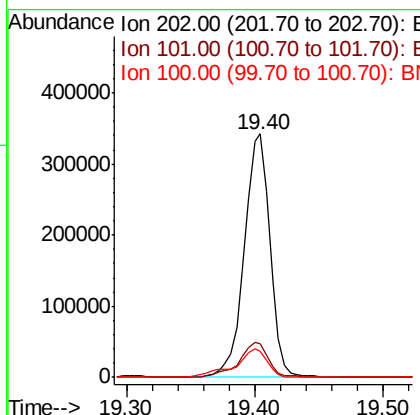
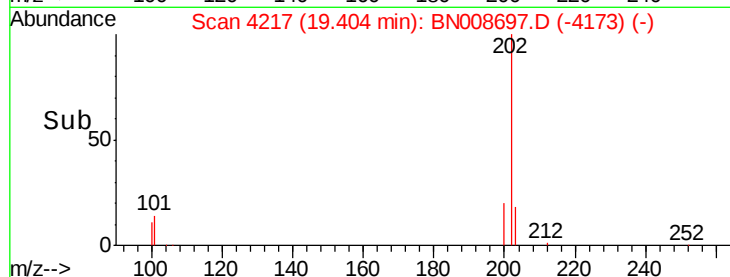
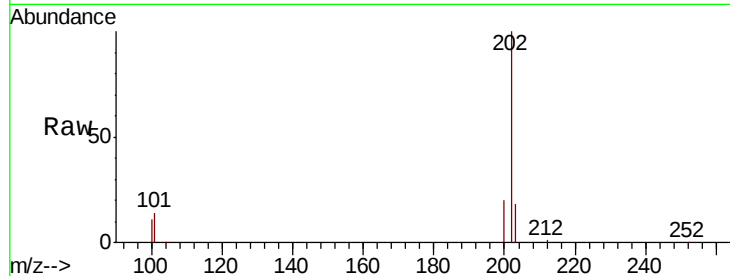
#17
Pvrene
Concen: 8.686 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BN008697.D
Acq: 22 Nov 2019 04:15

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100	472334		
101	13.7		10.2	15.2
100	10.9		8.2	12.2

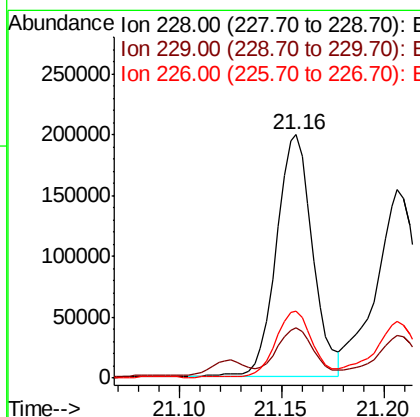
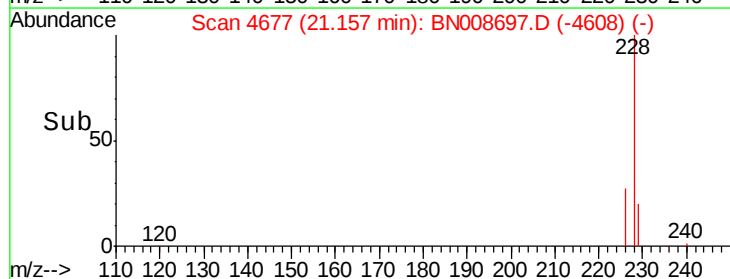
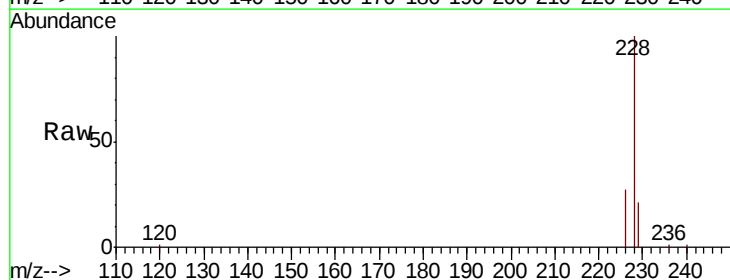
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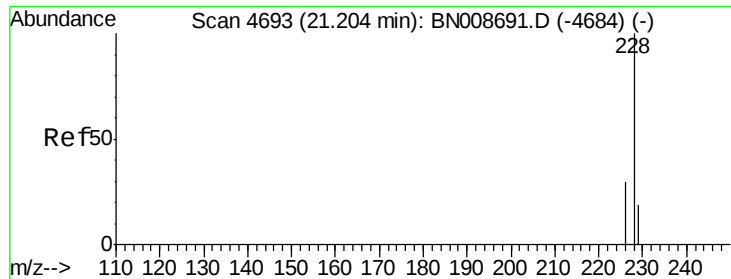
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#18
Benzo(a)anthracene
Concen: 4.518 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008697.D
Acq: 22 Nov 2019 04:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	246259		
229	20.8		15.8	23.6
226	27.4		21.6	32.4





#19

Chrysene

Concen: 4.044 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. 0.00 min

Lab File: BN008697.D

Acq: 22 Nov 2019 04:15

Instrument :

BNA_N

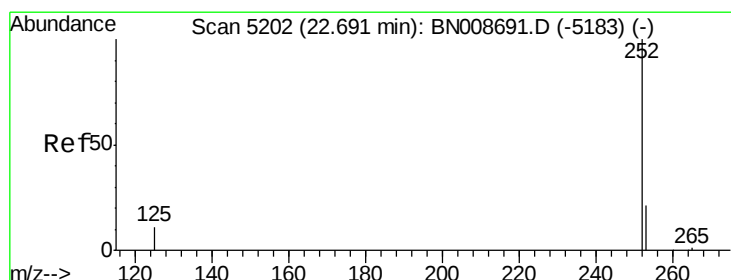
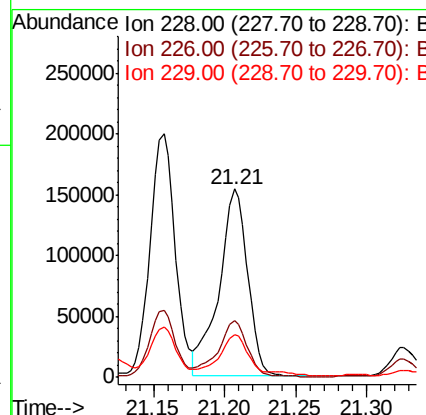
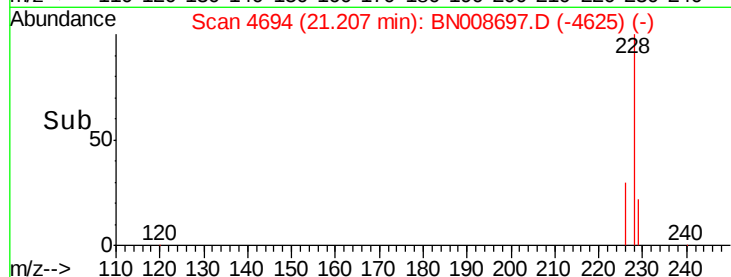
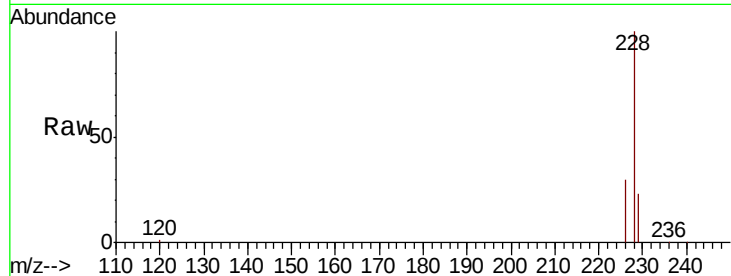
ClientSampleId :

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Tot Ion:	228	Resp:	216504
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.5	36.7
229	22.9	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 4.584 ng/ul m

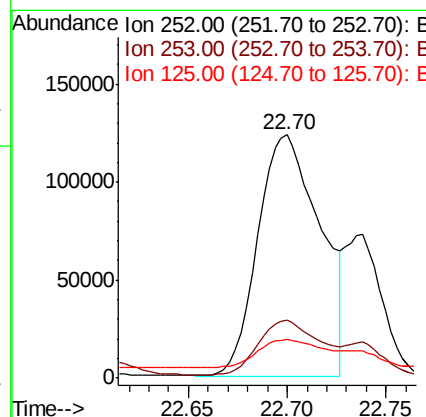
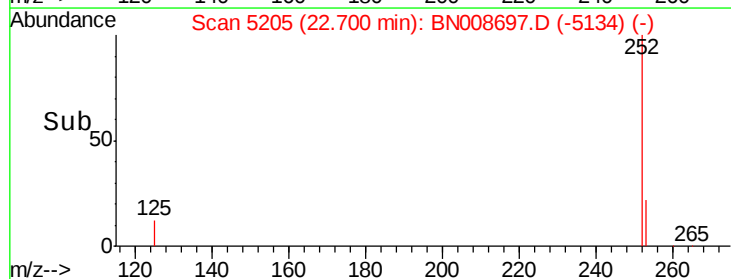
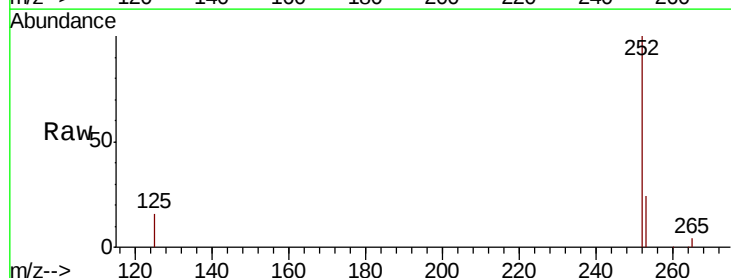
RT: 22.70 min Scan# 5205

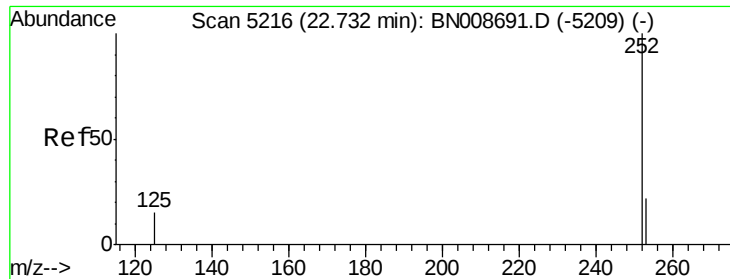
Delta R.T. 0.01 min

Lab File: BN008697.D

Acq: 22 Nov 2019 04:15

Tgt Ion:	252	Resp:	270364
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	50.2
125	15.8	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 1.621 ng/ul m

RT: 22.74 min Scan# 5218

Delta R.T. 0.01 min

Lab File: BN008697.D

Acq: 22 Nov 2019 04:15

Instrument :

BNA_N

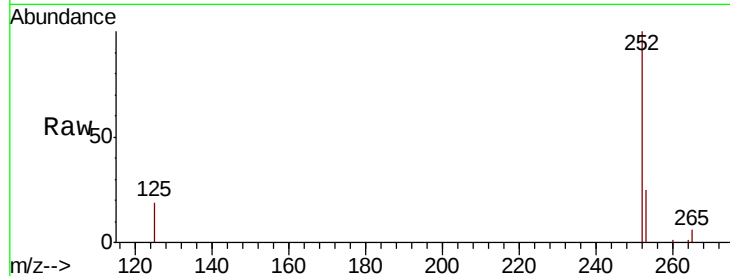
ClientSampleId :

C0AD2

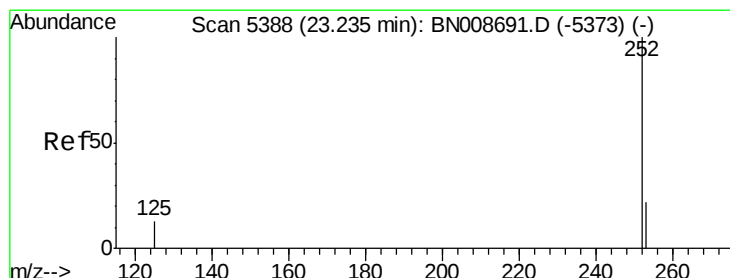
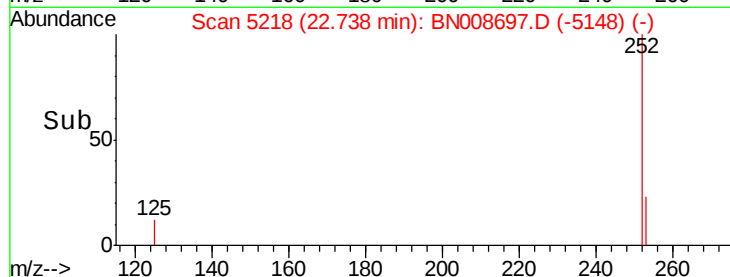
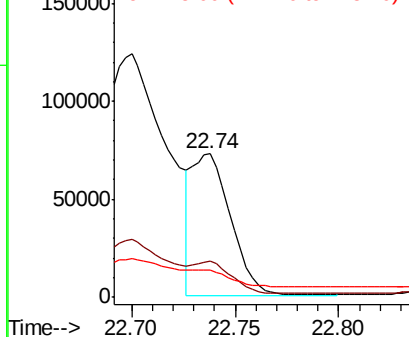
Tot Ion:	252	Resp:	94833
Ion Ratio	Lower	Upper	
252	100		
253	25.0	20.5	30.7
125	18.9	15.0	22.4

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 3.540 ng/ul

RT: 23.24 min Scan# 5391

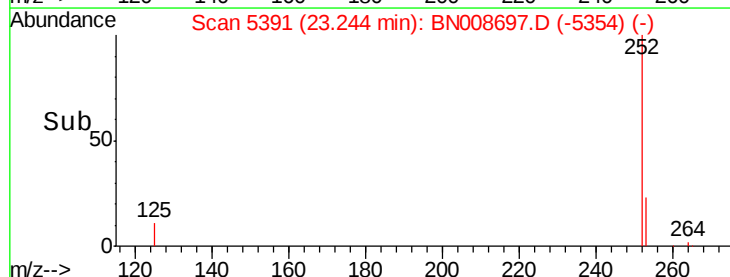
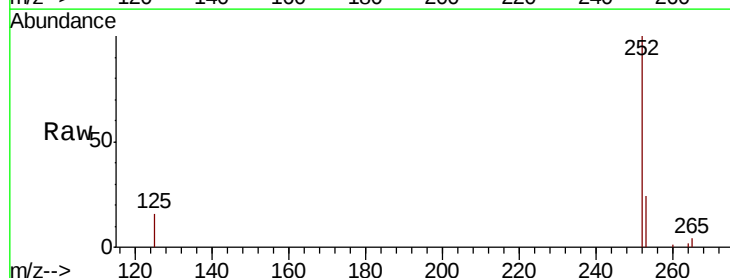
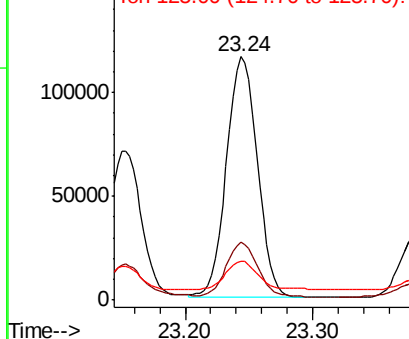
Delta R.T. 0.01 min

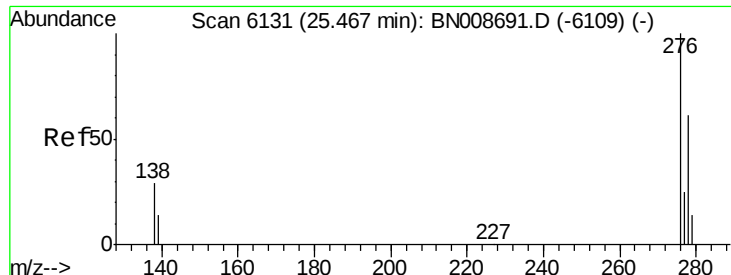
Lab File: BN008697.D

Acq: 22 Nov 2019 04:15

Tgt Ion:	252	Resp:	195968
Ion Ratio	Lower	Upper	
252	100		
253	23.6	21.4	32.2
125	16.2	13.8	20.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





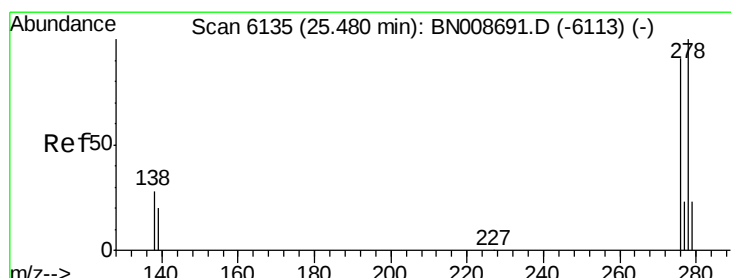
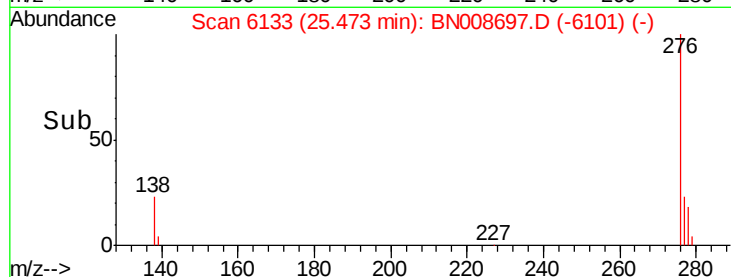
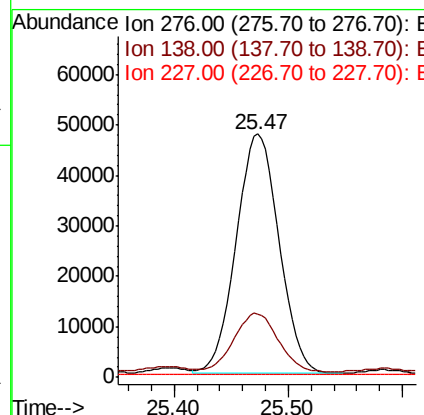
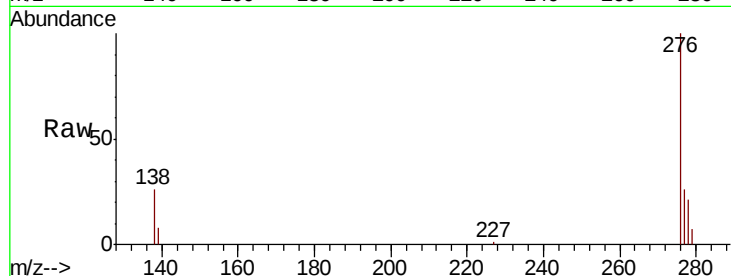
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.914 ng/ul
 RT: 25.47 min Scan# 6133
 Delta R.T. 0.01 min
 Lab File: BN008697.D
 Acq: 22 Nov 2019 04:15

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.7	32.5
227	0.3	0.2	0.2

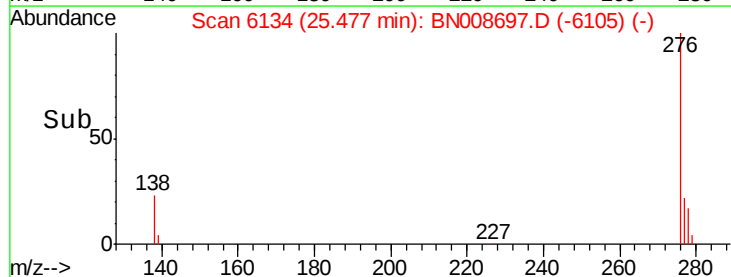
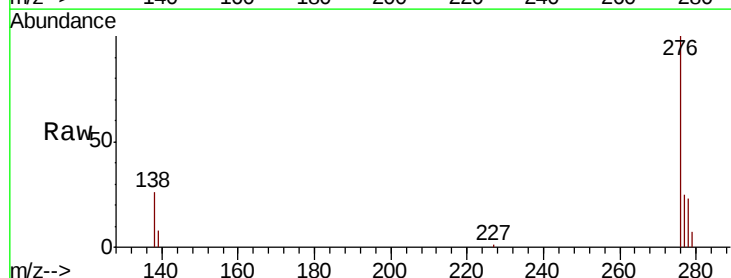
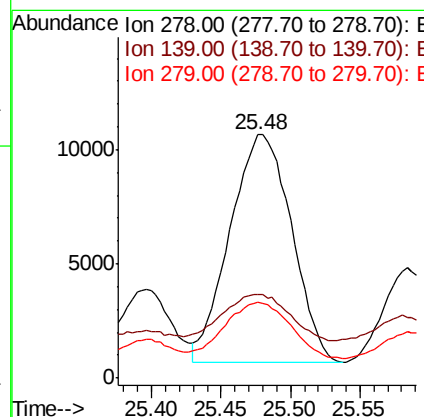
Manual Integrations
 APPROVED

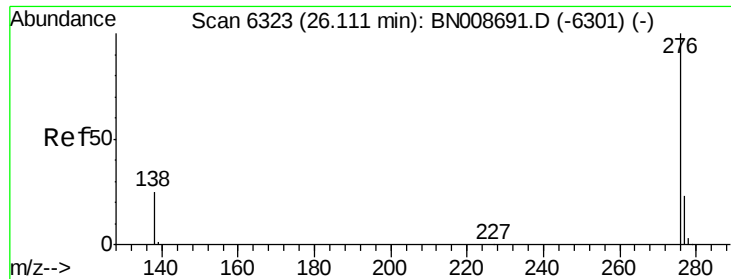
mohammad
 11/22/2019 1:24:06 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.589 ng/ul
 RT: 25.48 min Scan# 6134
 Delta R.T. -0.00 min
 Lab File: BN008697.D
 Acq: 22 Nov 2019 04:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.2	18.7	28.1
279	31.0	20.8	31.2





#26
 Benzo(a,h,i)perylene
 Concen: 2.144 ng/ul
 RT: 26.12 min Scan# 6326
 Delta R.T. 0.01 min
 Lab File: BN008697.D
 Acq: 22 Nov 2019 04:15

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.0	30.0
277	25.0	20.0	30.0

Manual Integrations
 APPROVED

mohammad
 11/22/2019 1:24:06 PM

