

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
 Data File : BN008657.D
 Acq On : 20 Nov 2019 13:07
 Operator : JU
 Sample : K5784-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLNA9

Manual Integrations
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Quant Time: Nov 20 13:39:21 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	4049	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	14878	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8123	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	16659	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13895	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14140	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4534	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	10066	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	1104	0.025	ng/ul#	79
5) 2-Methylnaphthalene	12.04	142	790	0.025	ng/ul	98
9) Fluorene	15.29	166	879	0.022	ng/ul#	89
12) Phenanthrene	17.02	178	3875	0.069	ng/ul#	95
13) Anthracene	17.11	178	1648	0.031	ng/ul#	80
15) Fluoranthene	19.04	202	4909	0.071	ng/ul	88
17) Pyrene	19.41	202	5468m	0.098	ng/ul	
18) Benzo(a)anthracene	21.16	228	3153	0.056	ng/ul#	76
19) Chrysene	21.21	228	4433	0.081	ng/ul#	84
21) Benzo(b)fluoranthene	22.70	252	4507	0.077	ng/ul#	1
22) Benzo(k)fluoranthene	22.74	252	3097	0.054	ng/ul#	1
23) Benzo(a)pyrene	23.25	252	2910	0.053	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.49	276	3300	0.052	ng/ul#	66
25) Dibenzo(a,h)anthracene	25.50	278	1918	0.037	ng/ul#	1
26) Benzo(g,h,i)perylene	26.14	276	3407	0.064	ng/ul#	58

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

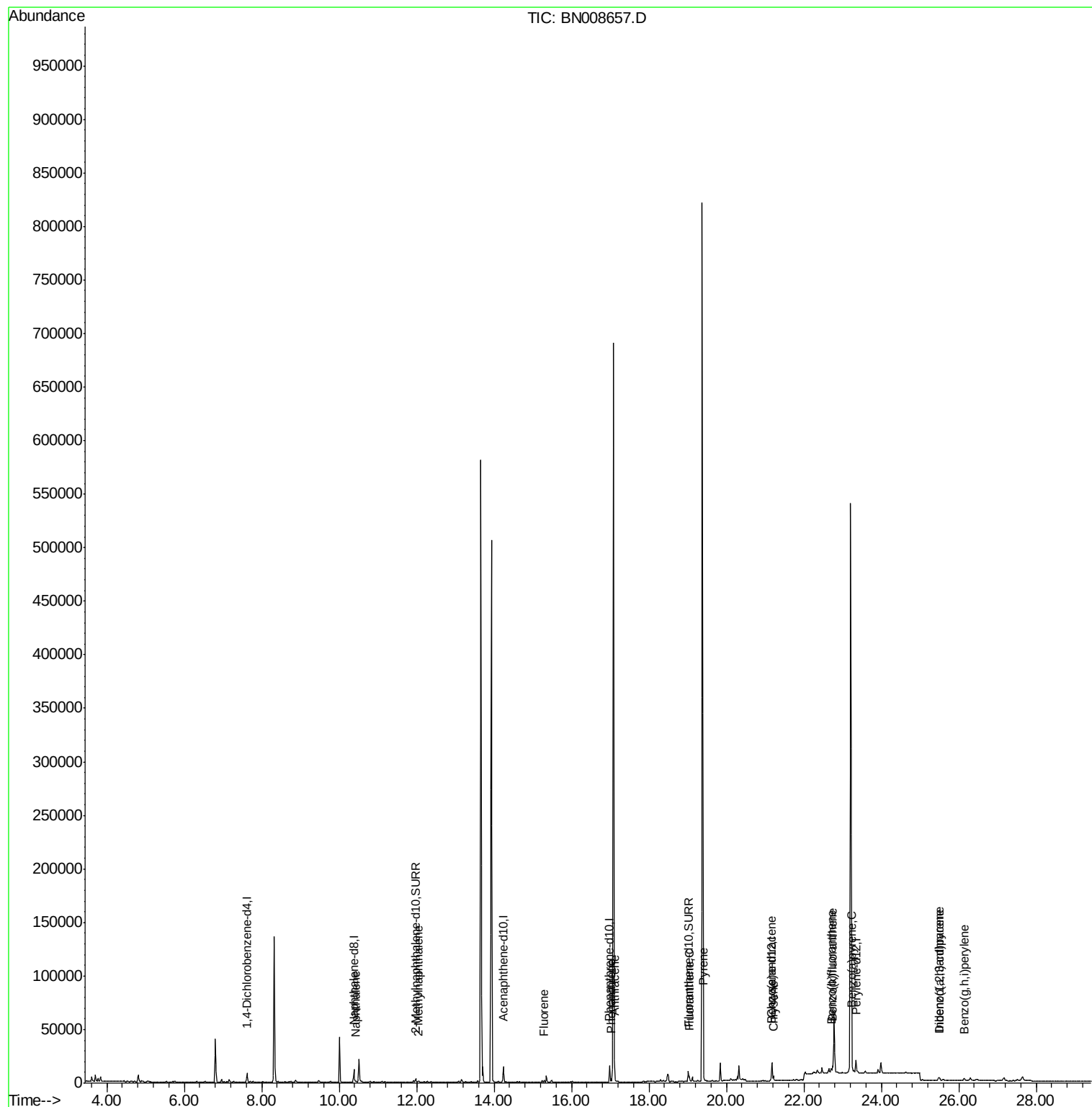
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008657.D
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ALS Vial : 6 Sample Multiplier: 1

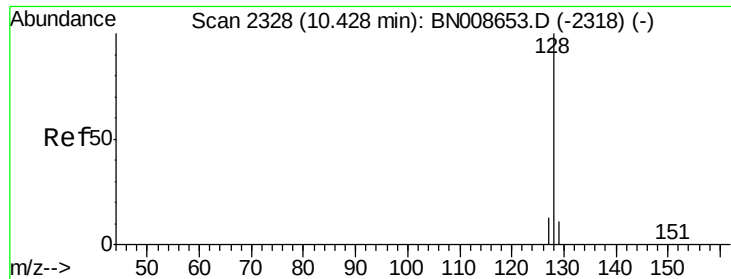
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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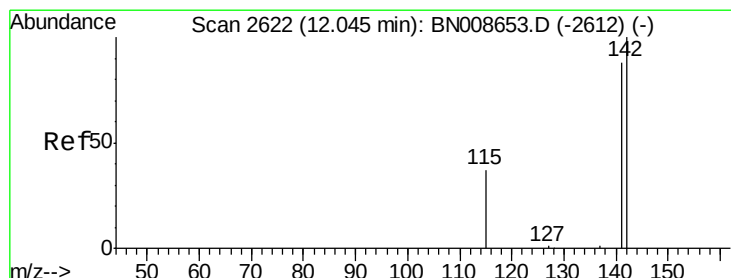
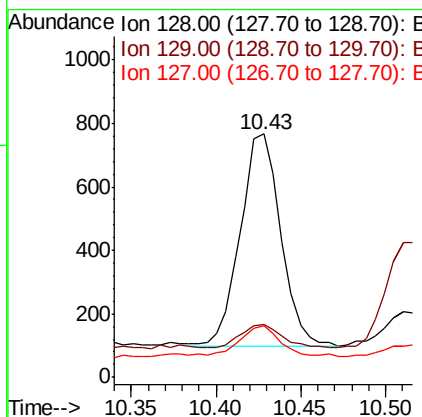
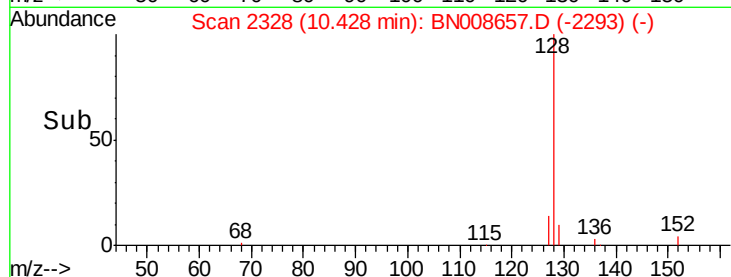
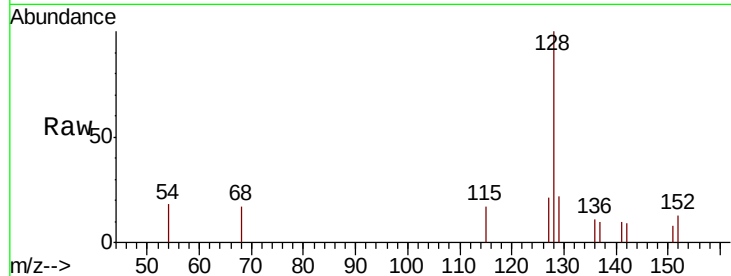
#3
Naphthalene
Concen: 0.025 ng/ul
RT: 10.43 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BN008657.D
Acq: 20 Nov 2019 13:07

Instrument :
BNA_N
ClientSampleId :
JLNA9

Tot Ion	Ratio	Lower	Upper
128	100		
129	21.6	9.7	14.5#
127	21.0	10.8	16.2#

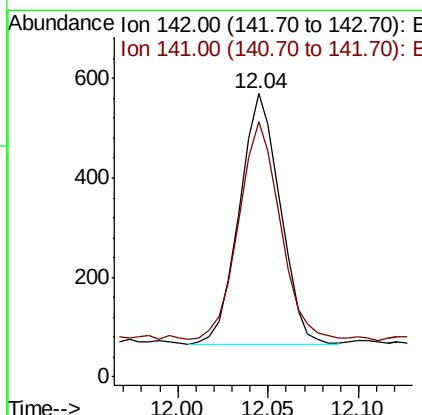
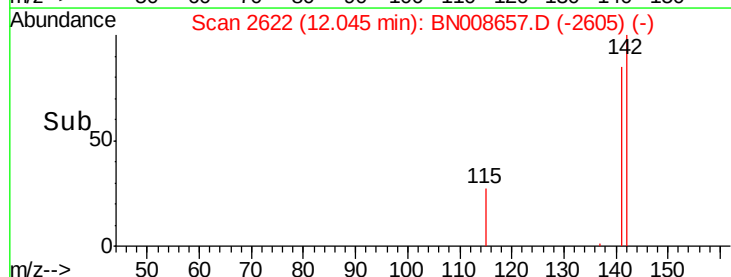
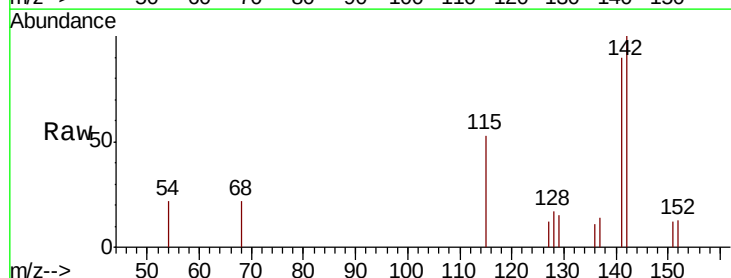
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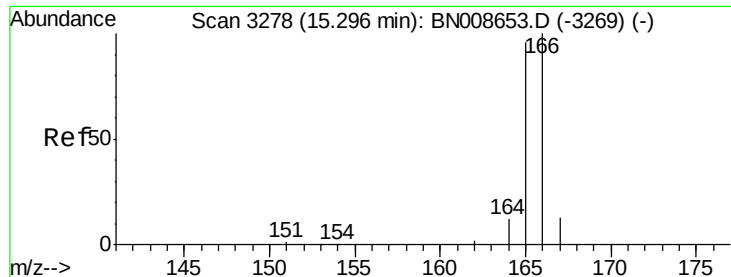
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#5
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.04 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BN008657.D
Acq: 20 Nov 2019 13:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.5	105.7





#9

Fluorene

Concen: 0.022 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BN008657.D

Acq: 20 Nov 2019 13:07

Instrument :

BNA_N

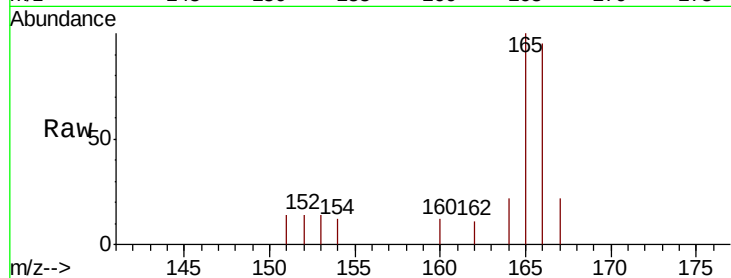
ClientSampled :

JLNA9

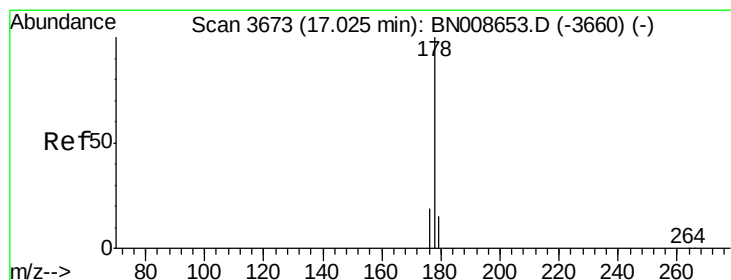
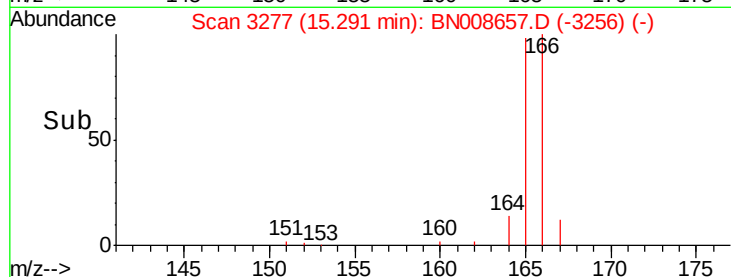
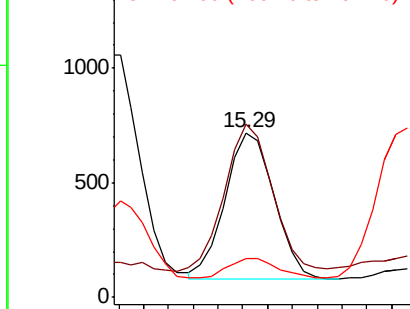
Tot Ion:	166	Resp:	879
Ion	Ratio	Lower	Upper
166	100		
165	105.6	77.4	116.0
167	23.4	11.4	17.0#

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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: 0.069 ng/ul

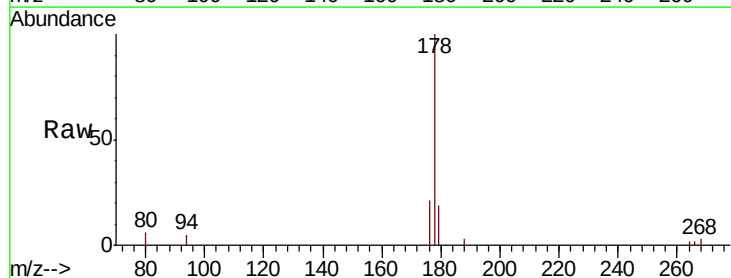
RT: 17.02 min Scan# 3672

Delta R.T. -0.01 min

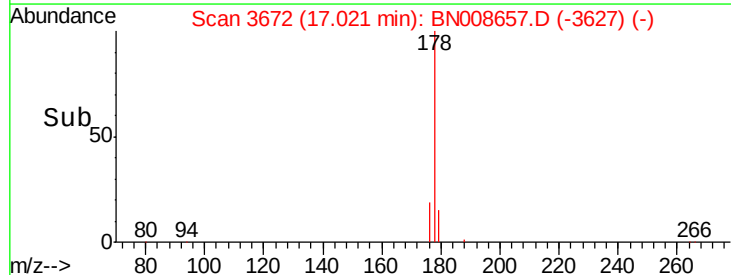
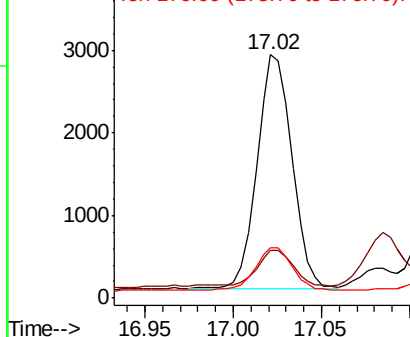
Lab File: BN008657.D

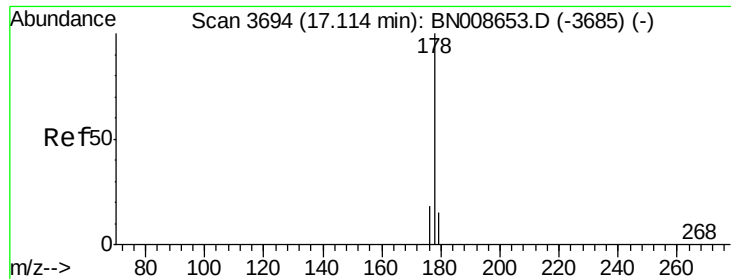
Acq: 20 Nov 2019 13:07

Tgt Ion:	178	Resp:	3875
Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.8	19.2#
176	20.9	16.0	24.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





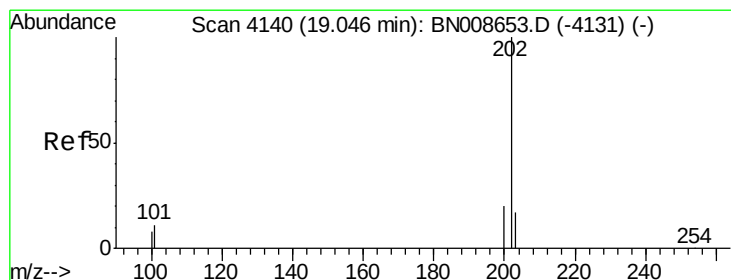
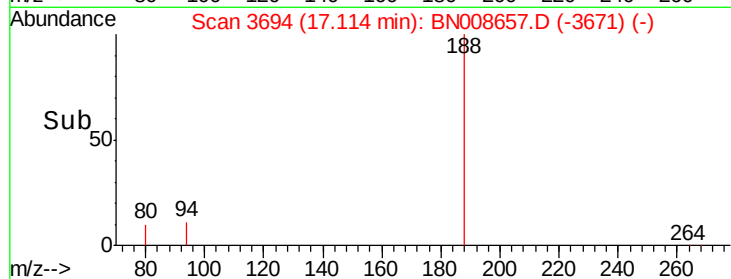
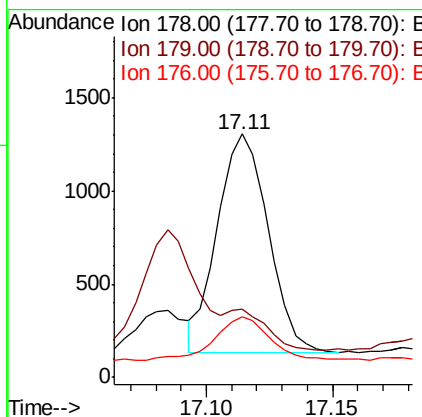
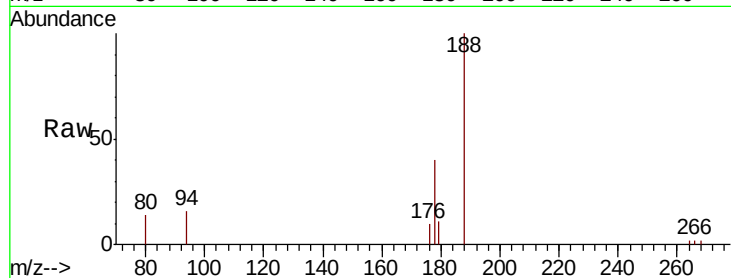
#13
 Anthracene
 Concen: 0.031 ng/ul
 RT: 17.11 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: BN008657.D
 Acq: 20 Nov 2019 13:07

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	28.1	13.0	19.4#
176	24.7	15.3	22.9#

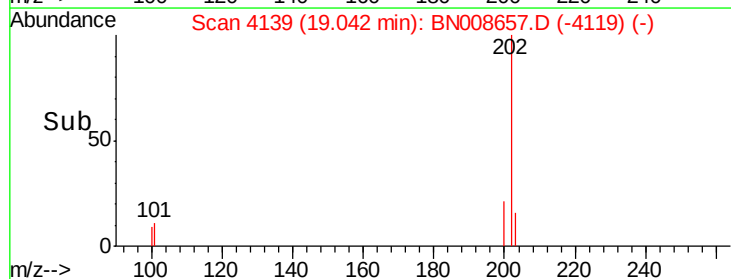
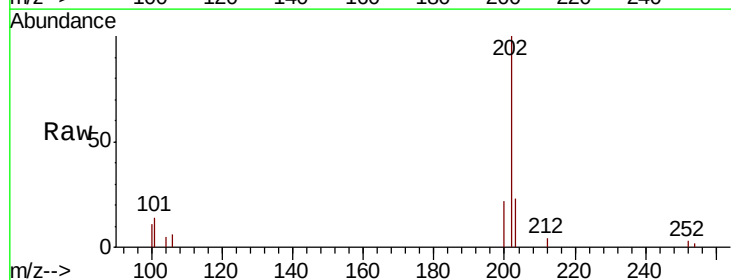
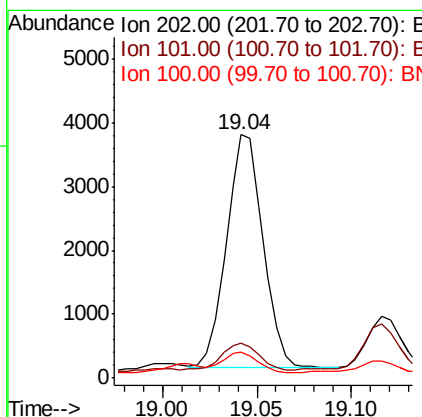
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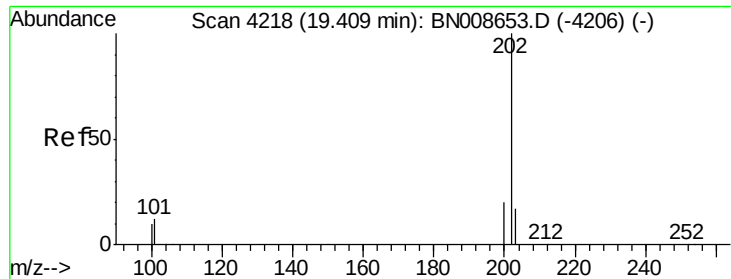
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#15
 Fluoranthene
 Concen: 0.071 ng/ul
 RT: 19.04 min Scan# 4139
 Delta R.T. -0.01 min
 Lab File: BN008657.D
 Acq: 20 Nov 2019 13:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	29.6
100	10.6	0.0	27.0





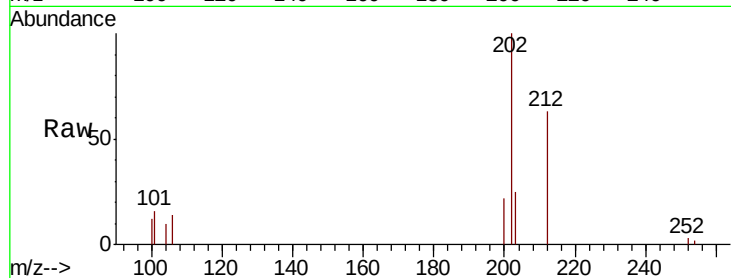
#17
Pvrene
Concen: 0.098 ng/ul m
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008657.D
Acq: 20 Nov 2019 13:07

Instrument :
BNA_N
ClientSampleId :
JLNA9

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.7	10.2	15.2#
100	11.7	8.2	12.2

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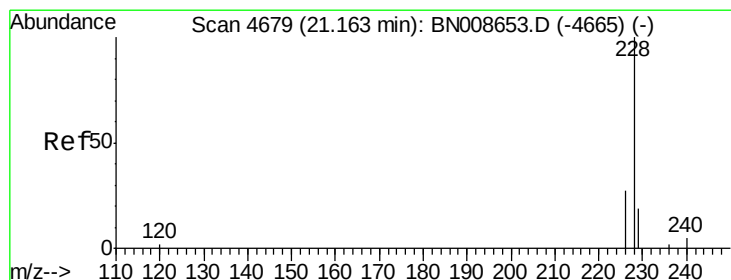
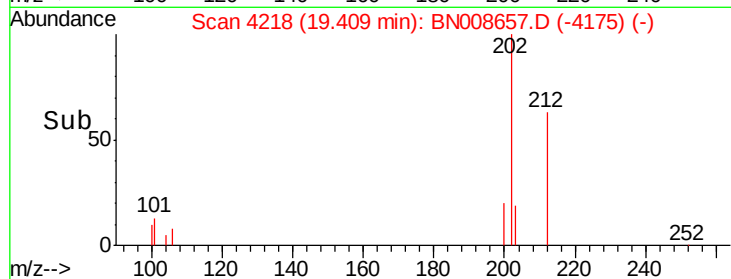
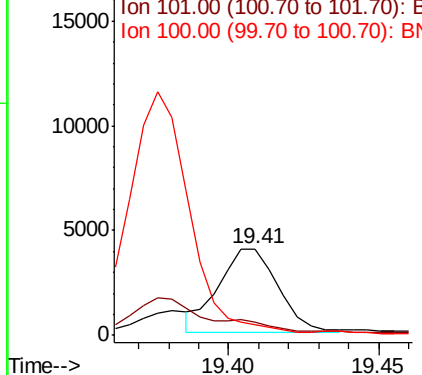


Abundance

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



#18
Benzo(a)anthracene
Concen: 0.056 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008657.D
Acq: 20 Nov 2019 13:07

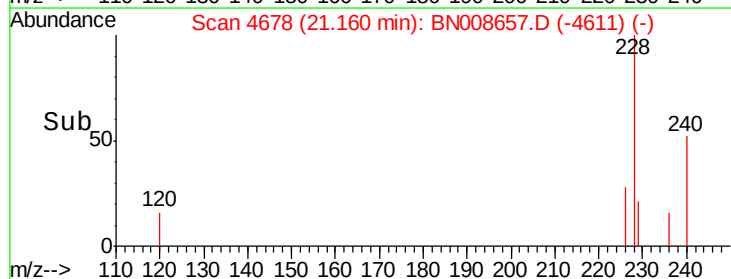
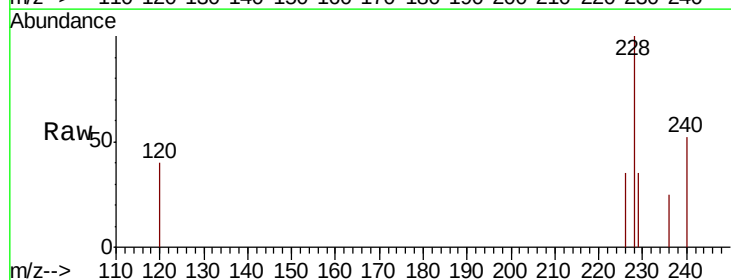
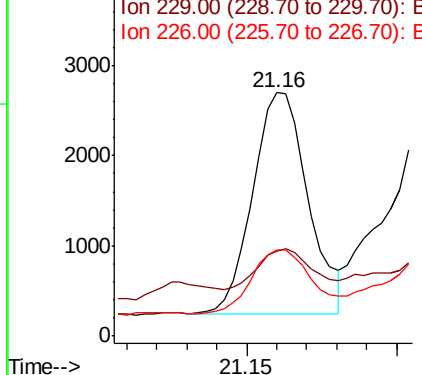
Tgt Ion	Ratio	Lower	Upper
228	100		
229	35.0	15.8	23.6#
226	35.5	21.6	32.4#

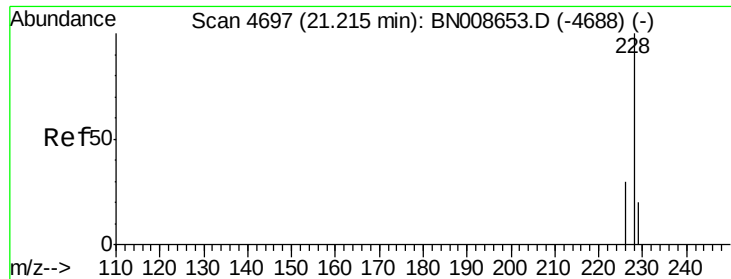
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.081 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.00 min

Lab File: BN008657.D

Acq: 20 Nov 2019 13:07

Instrument :

BNA_N

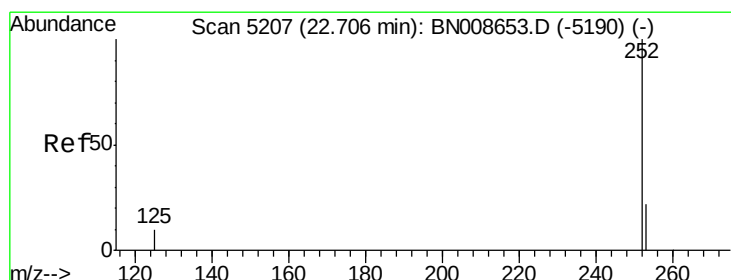
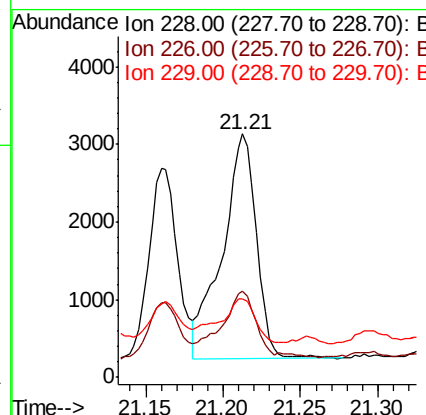
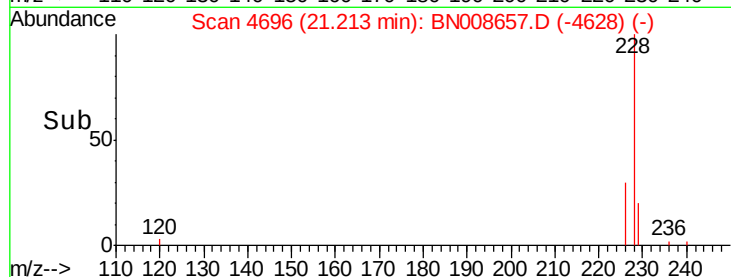
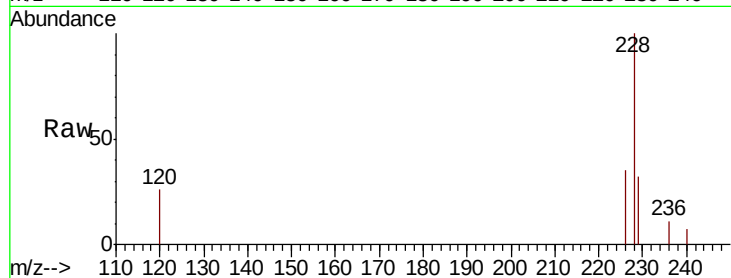
ClientSampleId :

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Tot Ion:	228	Resp:	4433
Ion Ratio	Lower	Upper	
228	100		
226	35.1	24.5	36.7
229	32.1	15.5	23.3#

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#21

Benzo(b)fluoranthene

Concen: 0.077 ng/ul

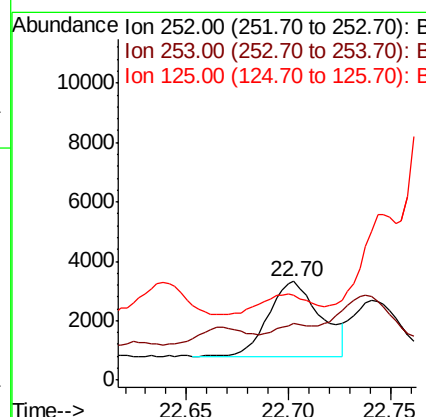
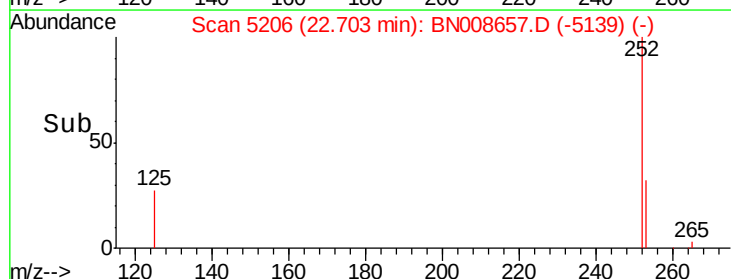
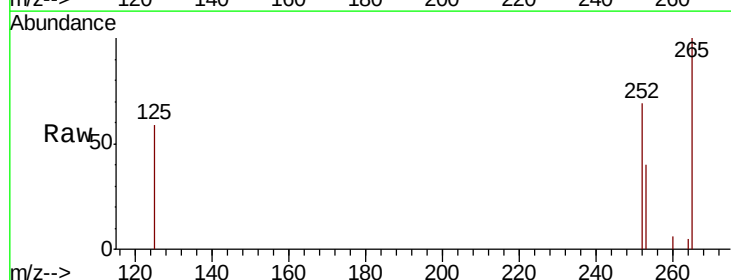
RT: 22.70 min Scan# 5206

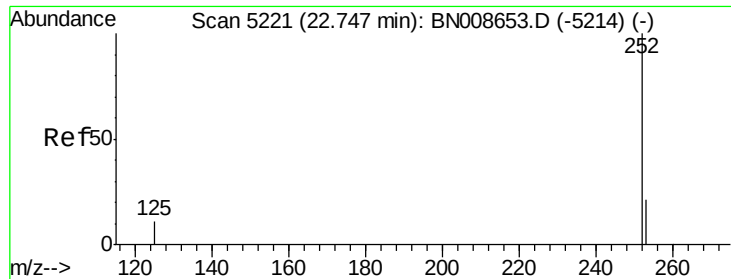
Delta R.T. -0.00 min

Lab File: BN008657.D

Acq: 20 Nov 2019 13:07

Tgt Ion:	252	Resp:	4507
Ion Ratio	Lower	Upper	
252	100		
253	57.3	0.0	50.2#
125	85.8	0.0	30.0#





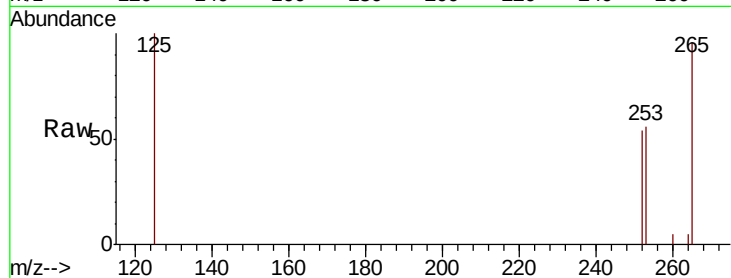
#22
Benzo(k)fluoranthene
Concen: 0.054 ng/ul
RT: 22.74 min Scan# 5219
Delta R.T. -0.01 min
Lab File: BN008657.D
Acq: 20 Nov 2019 13:07

Instrument :
BNA_N
ClientSampleId :
JLNA9

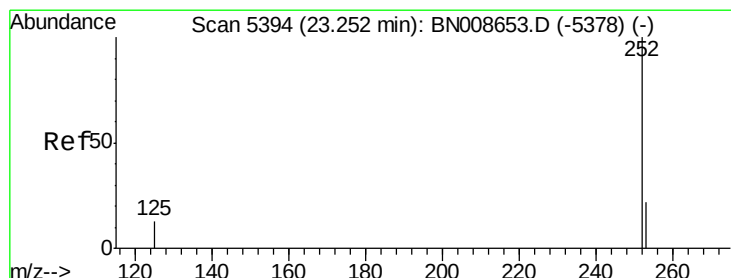
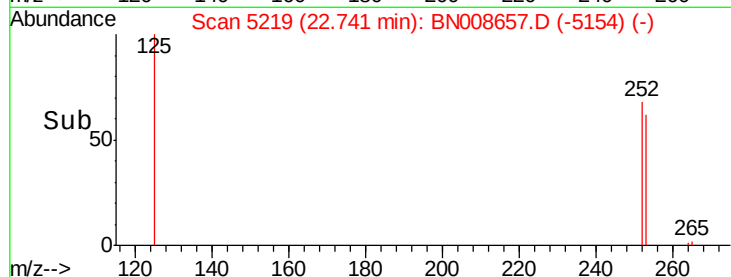
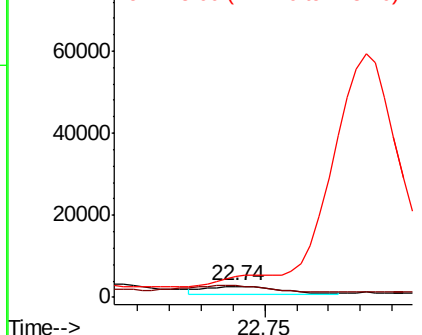
Tot Ion	Ratio	Lower	Upper
252	100		
253	104.6	20.5	30.7#
125	185.5	15.0	22.4#

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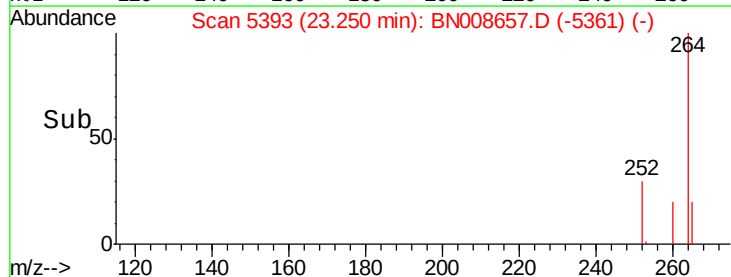
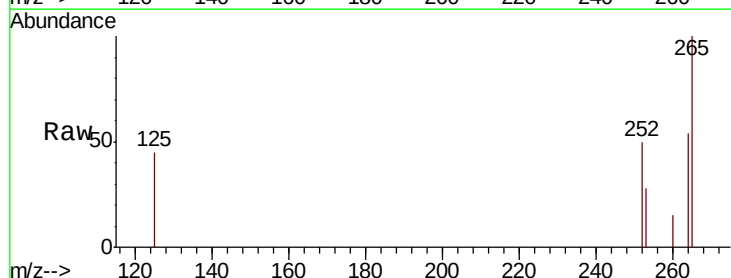
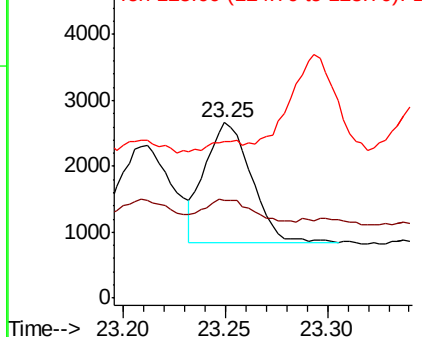
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

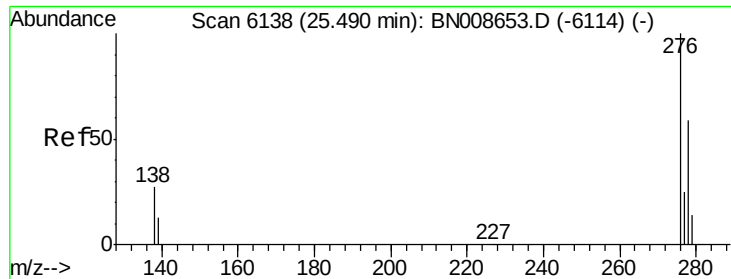


#23
Benzo(a)pyrene
Concen: 0.053 ng/ul
RT: 23.25 min Scan# 5393
Delta R.T. -0.01 min
Lab File: BN008657.D
Acq: 20 Nov 2019 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	55.9	21.4	32.2#
125	89.1	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





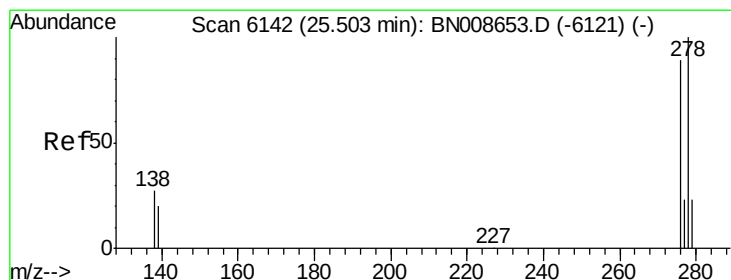
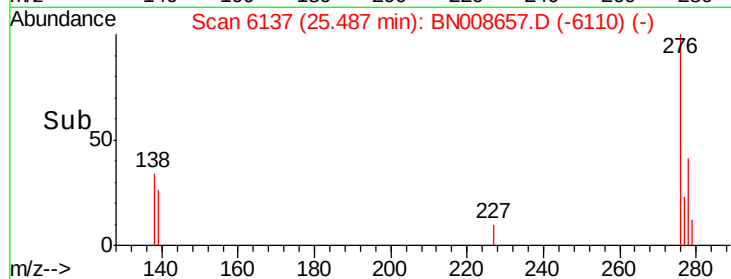
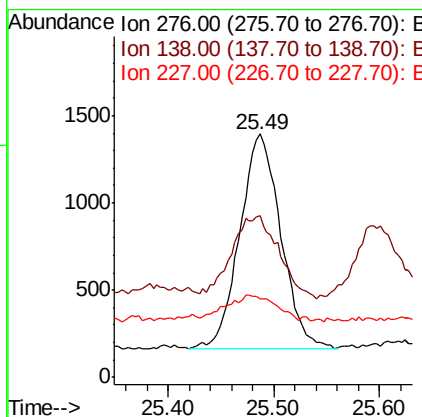
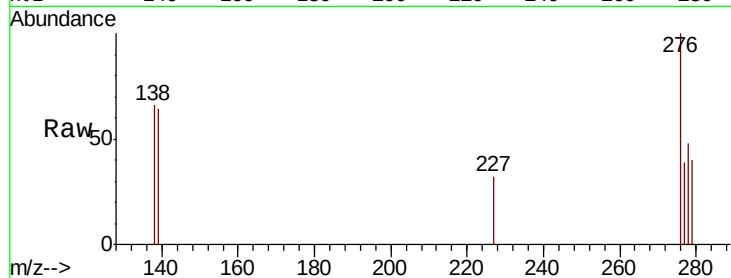
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.052 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008657.D
Acq: 20 Nov 2019 13:07

Instrument :
BNA_N
ClientSampleId :
JLNA9

Tot Ion	Ratio	Lower	Upper
276	100		
138	45.1	21.7	32.5#
227	15.8	0.2	0.2#

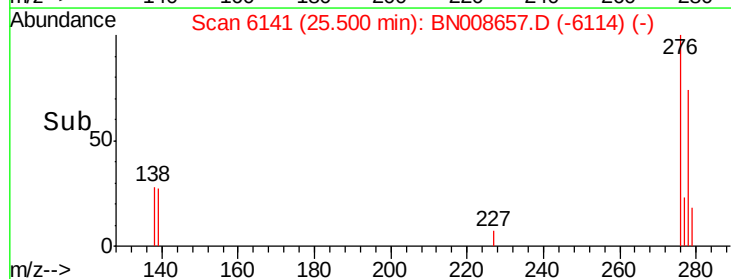
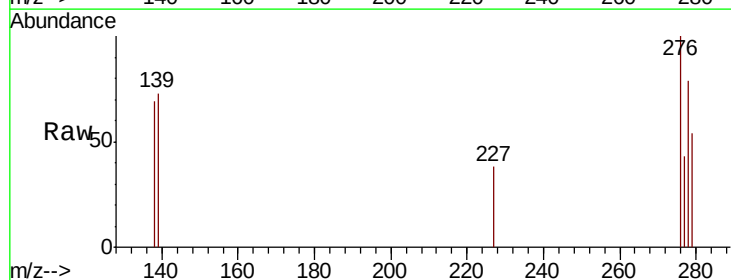
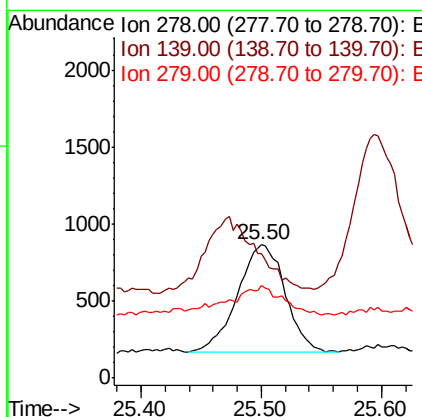
Manual Integrations
APPROVED

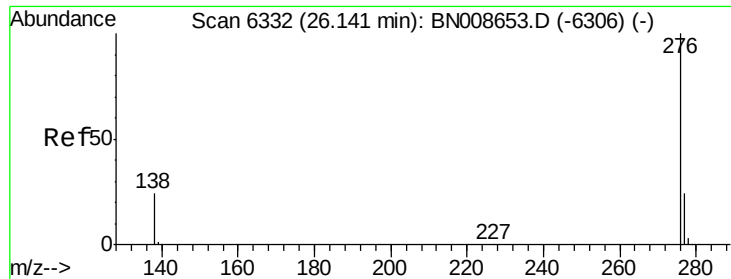
mohammad
11/21/2019 1:05:55 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 25.50 min Scan# 6141
Delta R.T. -0.01 min
Lab File: BN008657.D
Acq: 20 Nov 2019 13:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	93.1	18.7	28.1#
279	68.9	20.8	31.2#





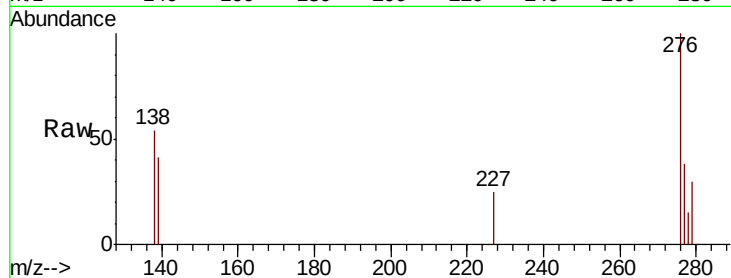
#26
Benzo(a,h,i)perylene
Concen: 0.064 ng/ul
RT: 26.14 min Scan# 6332
Delta R.T. 0.00 min
Lab File: BN008657.D
Acq: 20 Nov 2019 13:07

Instrument :
BNA_N
ClientSampleId :
JLNA9

Tot Ion	Ratio	Lower	Upper
276	100		
138	54.2	20.0	30.0#
277	38.0	20.0	30.0#

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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

