

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008498.D
 Acq On : 08 Nov 2019 08:41
 Operator : JU
 Sample : K5565-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLNA1DL

Manual Integrations
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mohammad
 11/11/2019 8:08:37 AM

Quant Time: Nov 08 10:20:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 08 06:44:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	1591	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.30	136	6467	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.18	164	3834	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	8037	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	6282	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	5844	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	412	0.04	ng/ul	-0.02
14) Fluoranthene-d10	18.98	212	1241	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.35	128	11476	0.624	ng/ul	98
5) 2-Methylnaphthalene	11.98	142	1903	0.155	ng/ul	97
8) Acenaphthene	14.24	153	4908	0.339	ng/ul	98
9) Fluorene	15.24	166	8737	0.552	ng/ul	100
12) Phenanthrene	16.98	178	73341	3.002	ng/ul	98
13) Anthracene	17.07	178	11145	0.521	ng/ul	99
15) Fluoranthene	19.01	202	77313	2.760	ng/ul	96
17) Pyrene	19.37	202	60635	1.977	ng/ul	100
18) Benzo(a)anthracene	21.14	228	22450	1.026	ng/ul	99
19) Chrysene	21.19	228	27353	0.983	ng/ul	99
21) Benzo(b)fluoranthene	22.68	252	22313m	1.025	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	6683m	0.270	ng/ul	
23) Benzo(a)pyrene	23.23	252	15698	0.716	ng/ul#	71
24) Indeno(1,2,3-cd)pyrene	25.46	276	9110	0.365	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.47	278	2039	0.103	ng/ul#	79
26) Benzo(a,h,i)perylene	26.11	276	8823	0.395	ng/ul	99

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

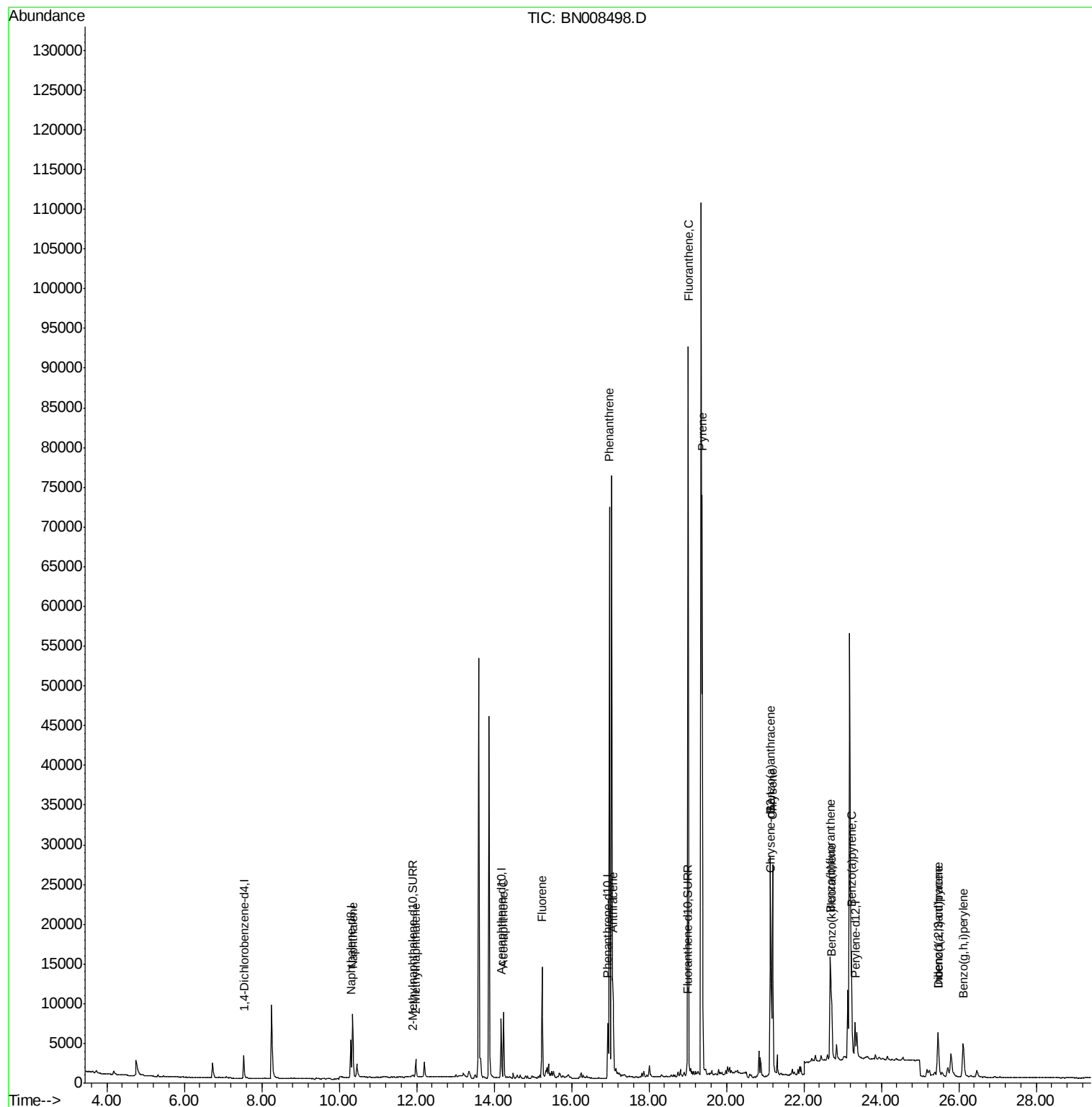
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

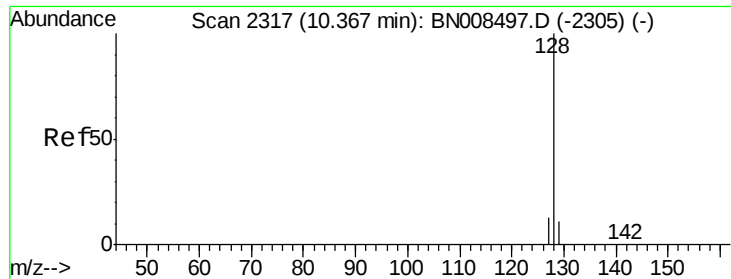
Instrument :
BNA_N
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JLNA1DL

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Quant Time: Nov 08 10:20:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 06:44:20 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.624 ng/ul

RT: 10.35 min Scan# 2313

Delta R.T. -0.02 min

Lab File: BN008498.D

Acq: 08 Nov 2019 08:41

Instrument :

BNA_N

ClientSampleId :

JLNA1DL

Tot Ion:128 Resp: 11476

Ion Ratio Lower Upper

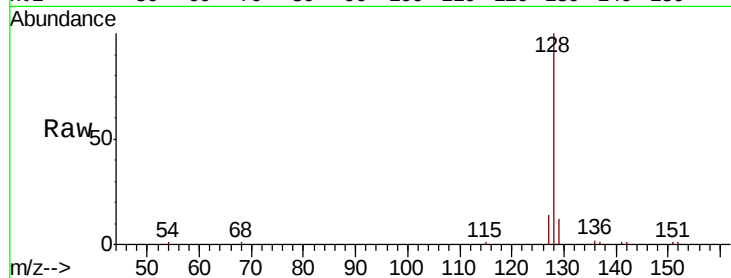
128 100

129 11.7 10.0 15.0

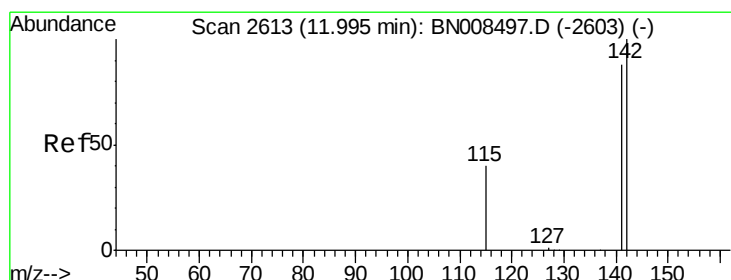
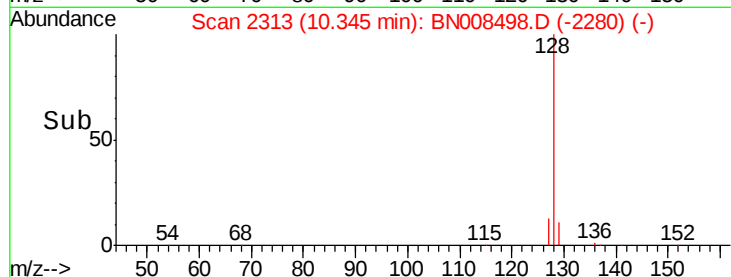
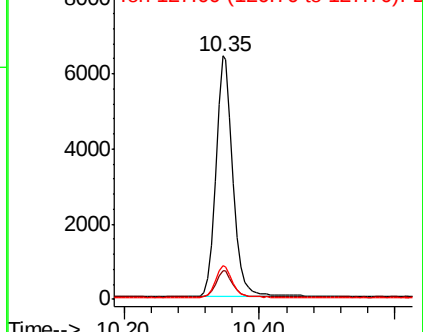
127 13.9 11.6 17.4

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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: 0.155 ng/ul

RT: 11.98 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BN008498.D

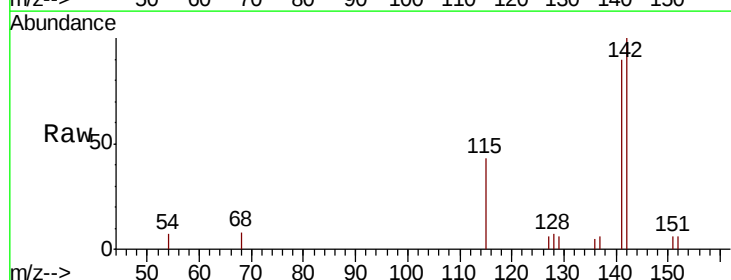
Acq: 08 Nov 2019 08:41

Tgt Ion:142 Resp: 1903

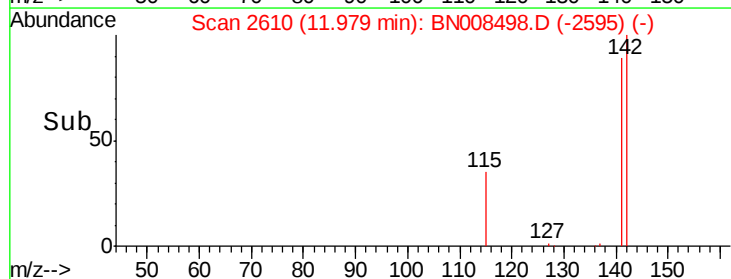
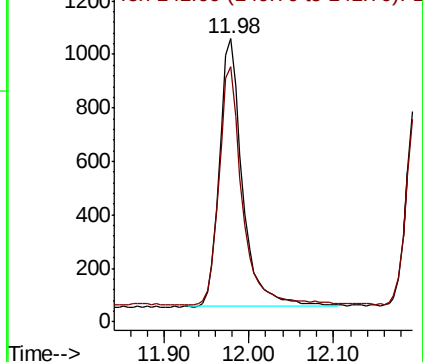
Ion Ratio Lower Upper

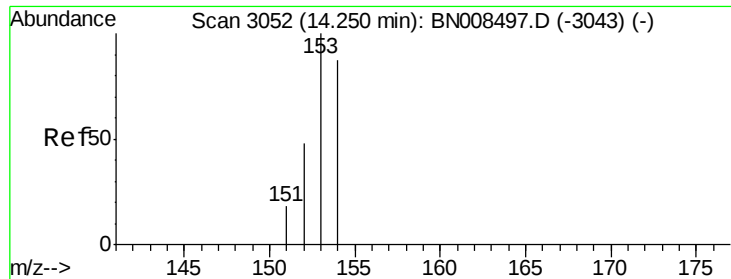
142 100

141 88.5 72.8 109.2



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





#8

Acenaphthene

Concen: 0.339 ng/ul

RT: 14.24 min Scan# 3050

Delta R.T. -0.01 min

Lab File: BN008498.D

Acq: 08 Nov 2019 08:41

Instrument :

BNA_N

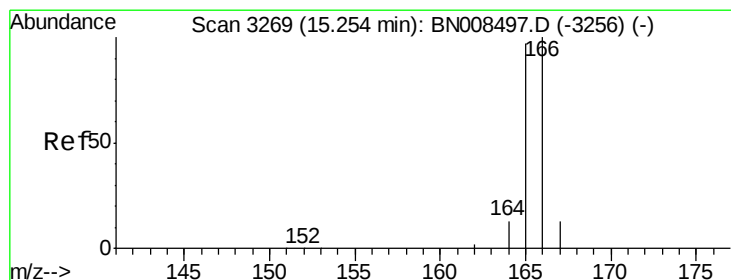
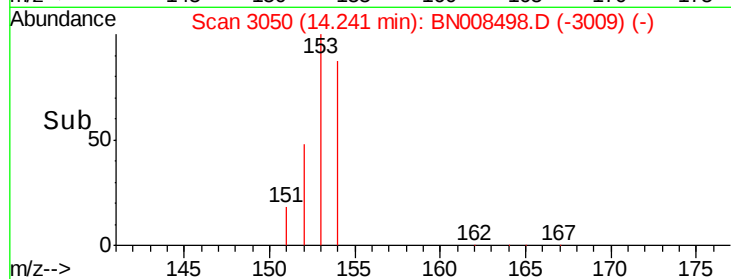
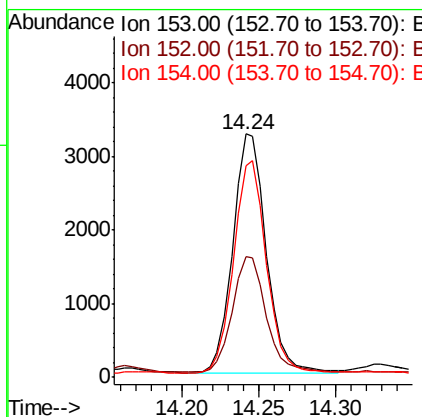
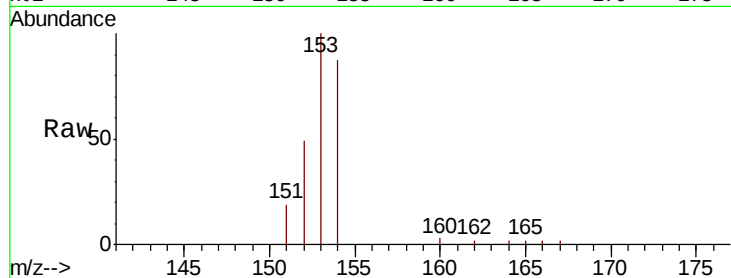
ClientSampleId :

JLNA1DL

Tot Ion:	153	Resp:	4908
Ion	Ratio	Lower	Upper
153	100		
152	49.4	39.8	59.8
154	87.0	71.6	107.4

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#9

Fluorene

Concen: 0.552 ng/ul

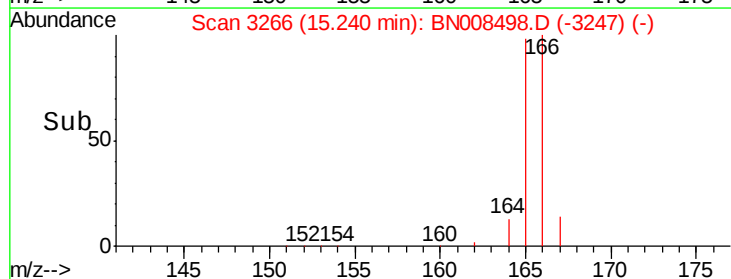
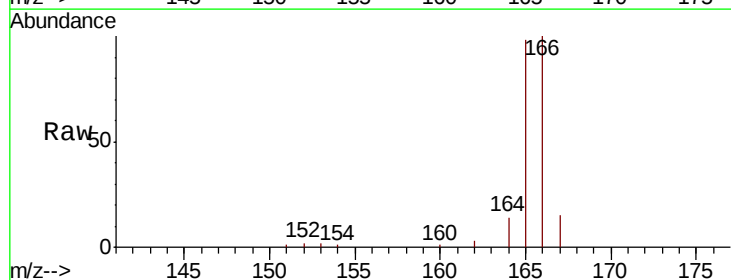
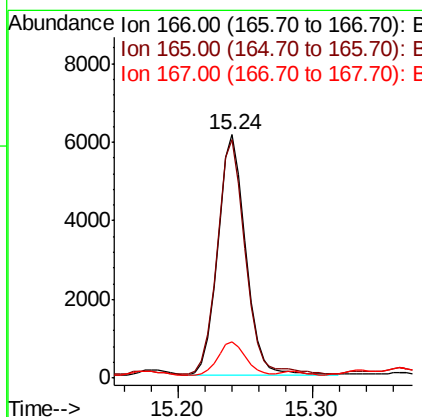
RT: 15.24 min Scan# 3266

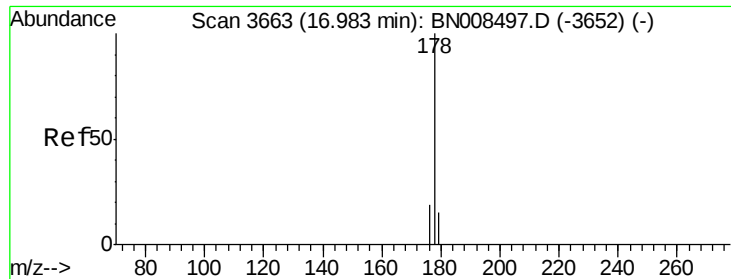
Delta R.T. -0.01 min

Lab File: BN008498.D

Acq: 08 Nov 2019 08:41

Tgt Ion:	166	Resp:	8737
Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.2	117.2
167	14.9	12.1	18.1





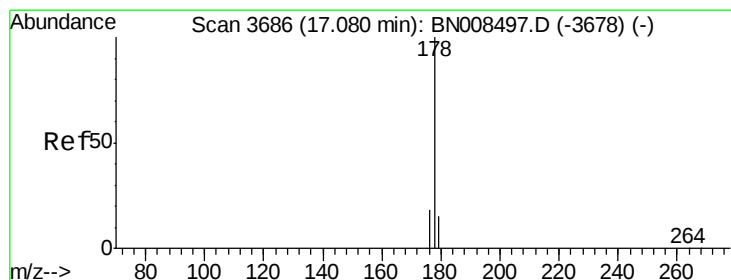
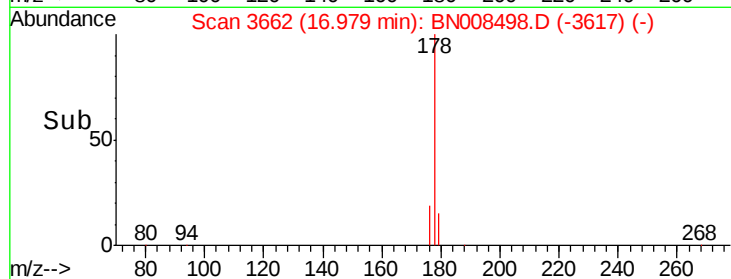
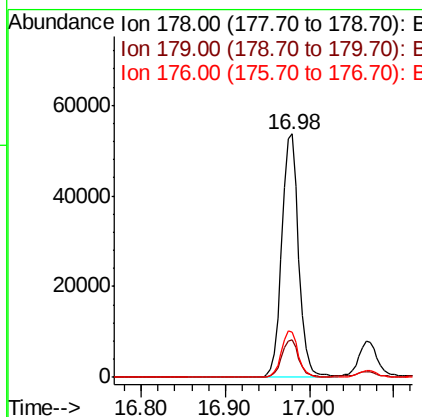
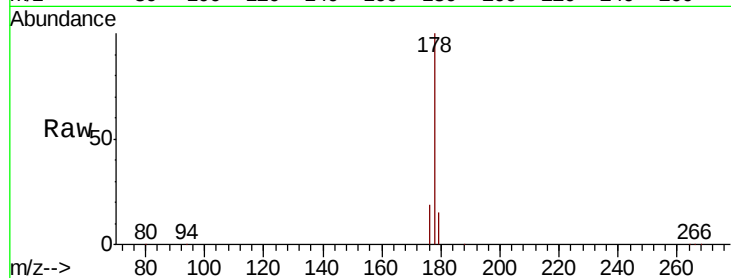
#12
Phenanthrene
Concen: 3.002 ng/ul
RT: 16.98 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BN008498.D
Acq: 08 Nov 2019 08:41

Instrument :
BNA_N
ClientSampleId :
JLNA1DL

Tot Ion:178 Resp: 73341
Ion Ratio Lower Upper
178 100
179 15.5 13.2 19.8
176 18.7 15.6 23.4

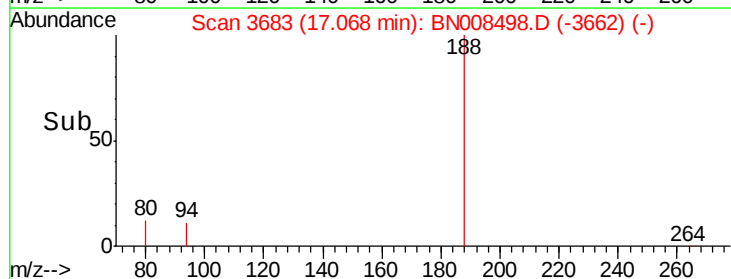
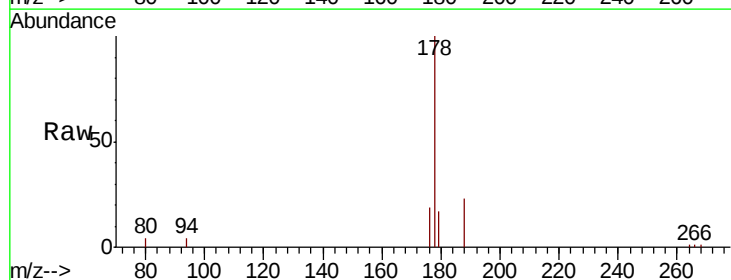
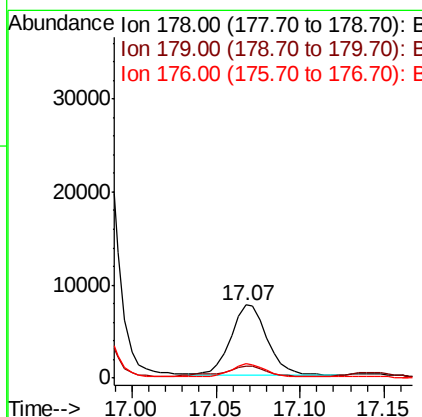
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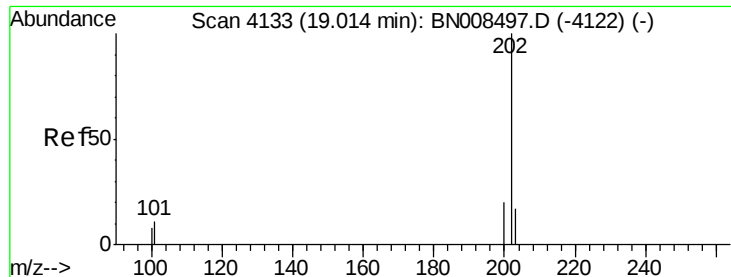
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#13
Anthracene
Concen: 0.521 ng/ul
RT: 17.07 min Scan# 3683
Delta R.T. -0.01 min
Lab File: BN008498.D
Acq: 08 Nov 2019 08:41

Tgt Ion:178 Resp: 11145
Ion Ratio Lower Upper
178 100
179 16.8 13.7 20.5
176 19.3 15.7 23.5





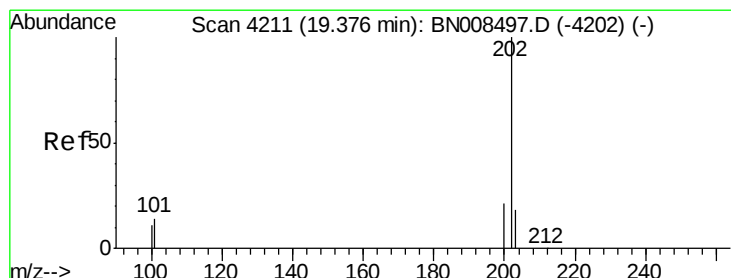
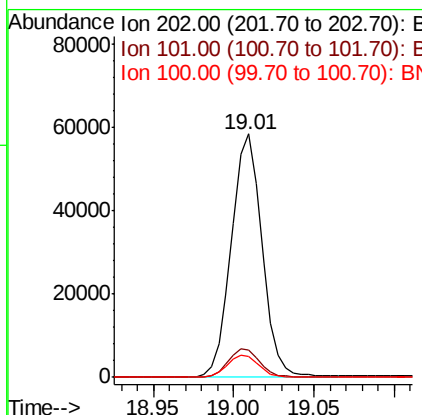
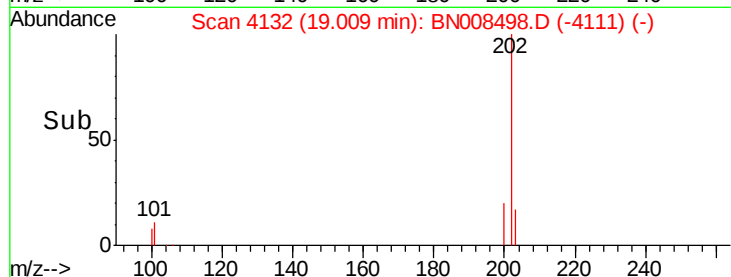
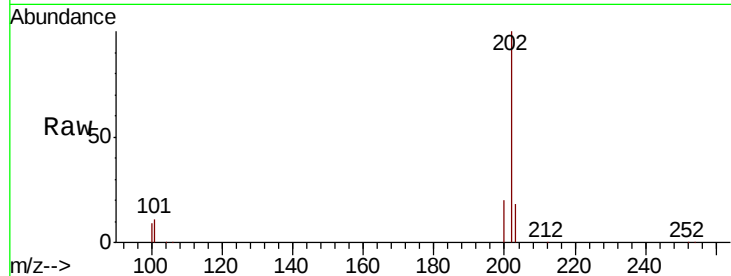
#15
Fluoranthene
Concen: 2.760 ng/ul
RT: 19.01 min Scan# 4132
Delta R.T. -0.00 min
Lab File: BN008498.D
Acq: 08 Nov 2019 08:41

Instrument :
BNA_N
ClientSampleId :
JLNA1DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	77313		
101	11.5	0.0	33.0	
100	8.6	0.0	30.2	

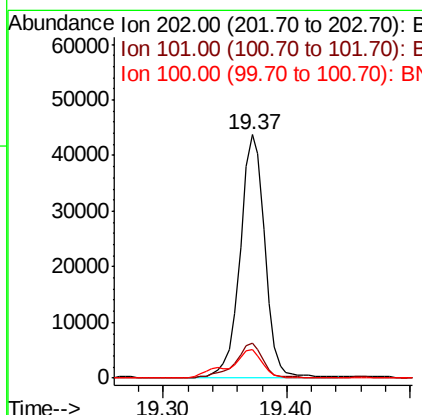
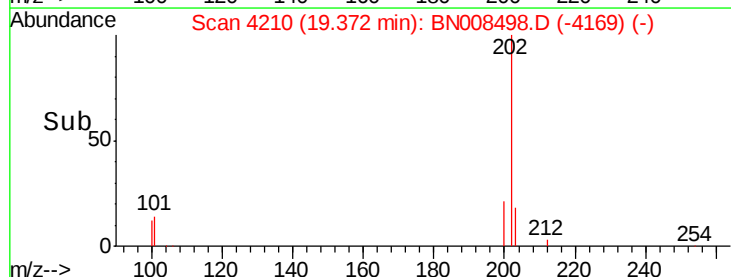
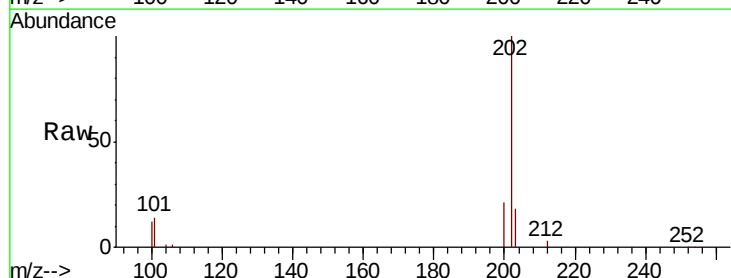
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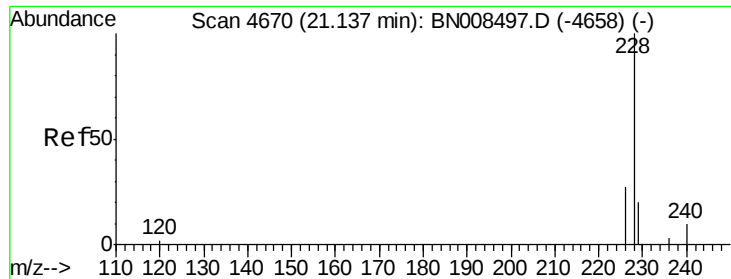
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#17
Pyrene
Concen: 1.977 ng/ul
RT: 19.37 min Scan# 4210
Delta R.T. -0.01 min
Lab File: BN008498.D
Acq: 08 Nov 2019 08:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	60635		
101	14.3	11.6	17.4	
100	11.7	9.4	14.0	





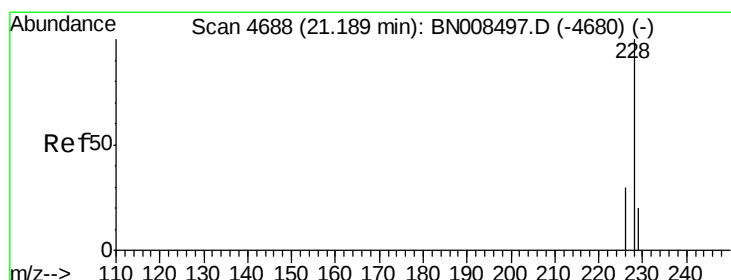
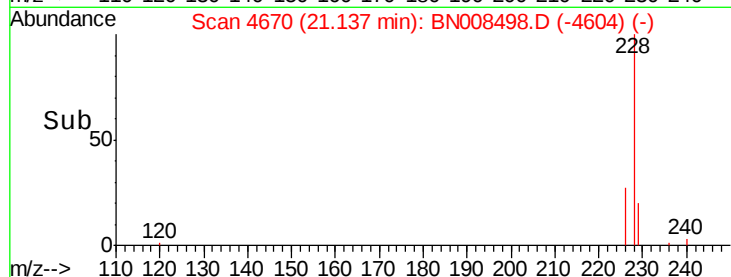
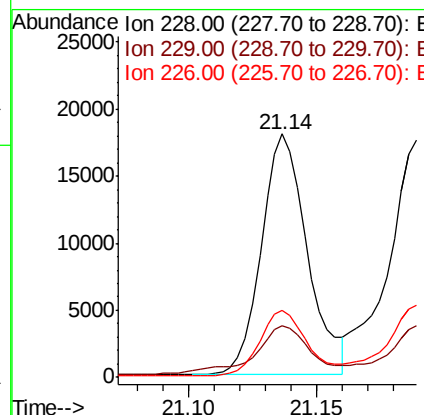
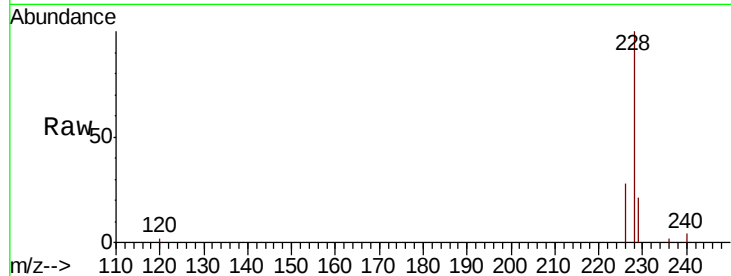
#18
Benzo(a)anthracene
Concen: 1.026 ng/ul
RT: 21.14 min Scan# 4670
Delta R.T. -0.01 min
Lab File: BN008498.D
Acq: 08 Nov 2019 08:41

Instrument :
BNA_N
ClientSampleId :
JLNA1DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.6	24.8
226	27.8	22.8	34.2

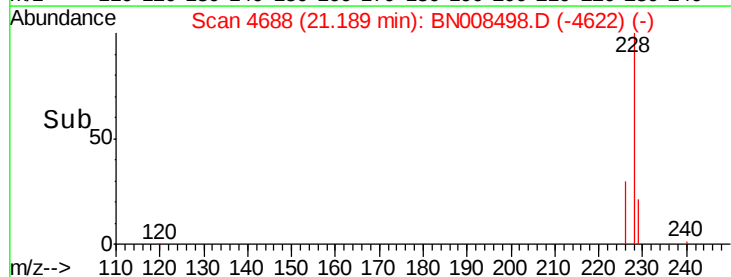
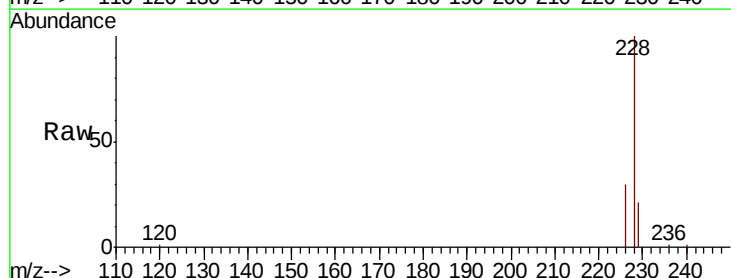
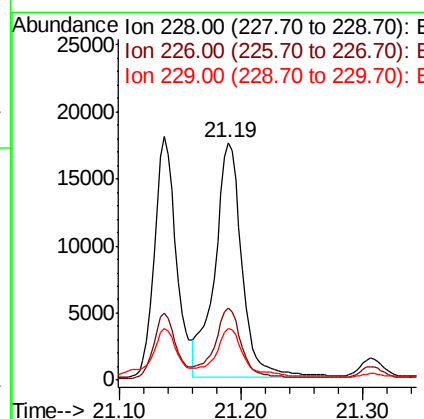
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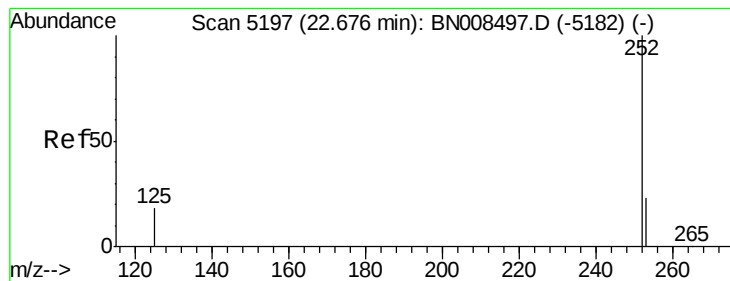
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#19
Chrysene
Concen: 0.983 ng/ul
RT: 21.19 min Scan# 4688
Delta R.T. -0.01 min
Lab File: BN008498.D
Acq: 08 Nov 2019 08:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	21.5	16.6	25.0





#21

Benzo(b)fluoranthene

Concen: 1.025 ng/ul m

RT: 22.68 min Scan# 5198

Delta R.T. -0.00 min

Lab File: BN008498.D

Acq: 08 Nov 2019 08:41

Instrument :

BNA_N

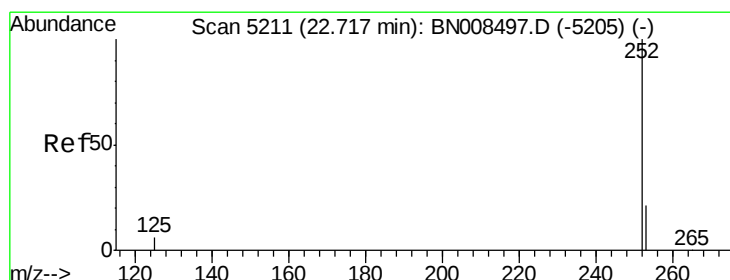
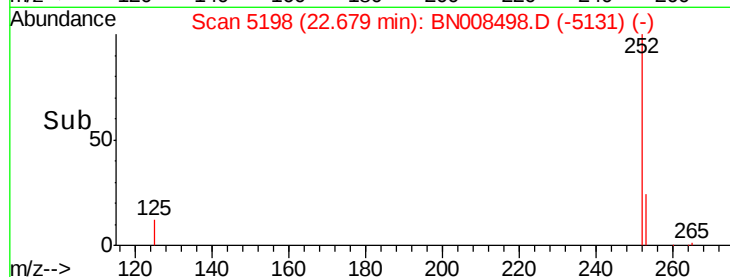
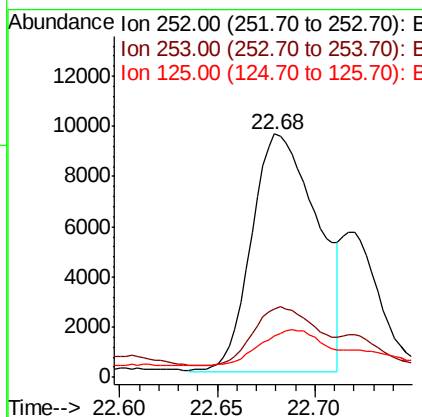
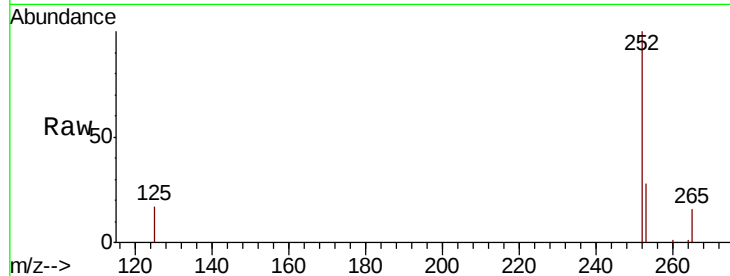
ClientSampleId :

JLNA1DL

Tot Ion:	252	Resp:	22313
Ion Ratio	Lower	Upper	
252	100		
253	28.2	0.0	58.4
125	17.0	0.0	58.6

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#22

Benzo(k)fluoranthene

Concen: 0.270 ng/ul m

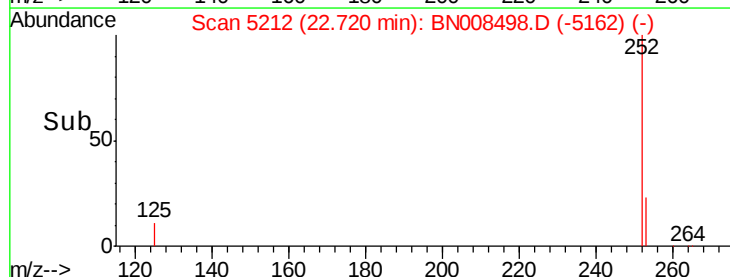
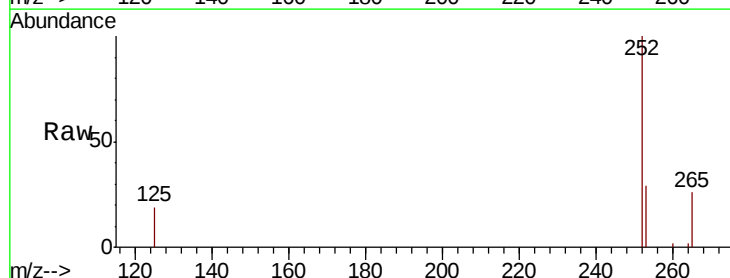
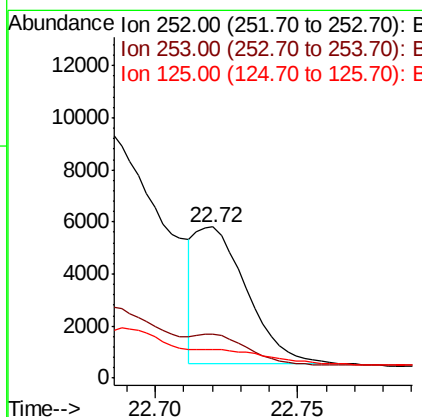
RT: 22.72 min Scan# 5212

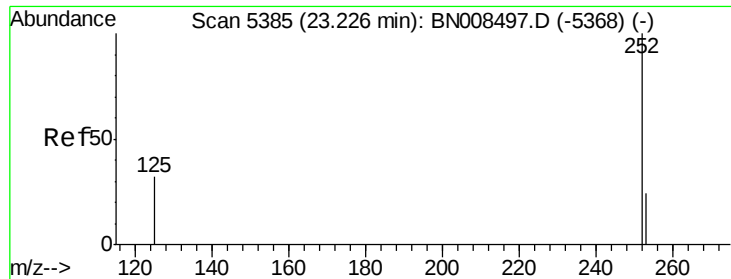
Delta R.T. -0.00 min

Lab File: BN008498.D

Acq: 08 Nov 2019 08:41

Tgt Ion:	252	Resp:	6683
Ion Ratio	Lower	Upper	
252	100		
253	29.2	22.6	34.0
125	19.0	14.7	22.1





#23

Benzo(a)pyrene

Concen: 0.716 ng/ul

RT: 23.23 min Scan# 5385

Delta R.T. -0.01 min

Lab File: BN008498.D

Acq: 08 Nov 2019 08:41

Instrument :

BNA_N

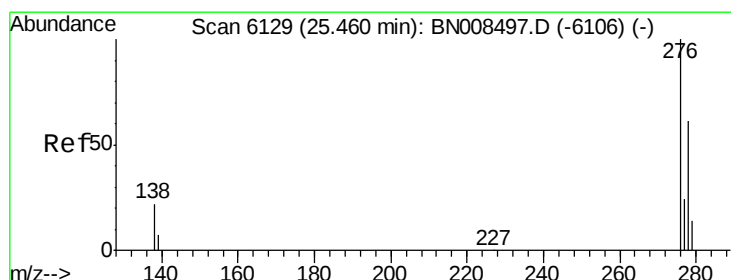
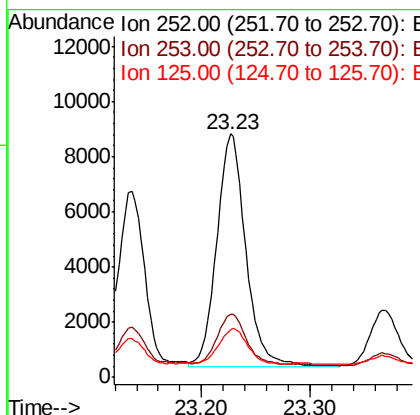
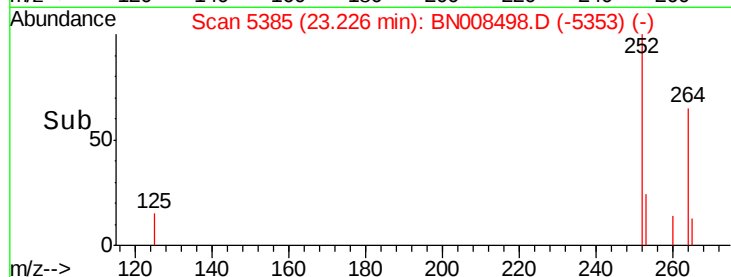
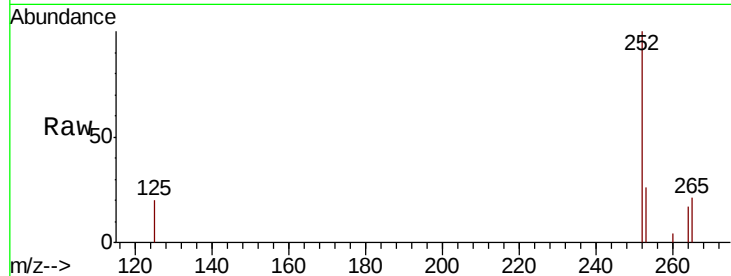
ClientSampled :

JLNA1DL

Tot Ion:	252	Resp:	15698
Ion Ratio	Lower	Upper	
252	100		
253	26.0	27.2	40.8#
125	19.6	37.0	55.6#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.365 ng/ul

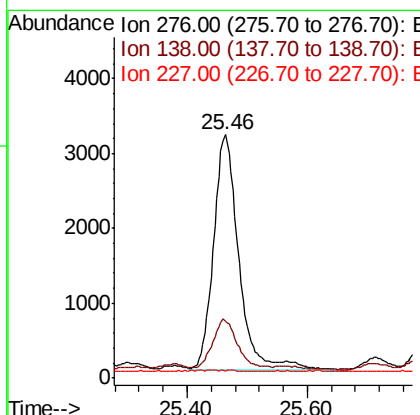
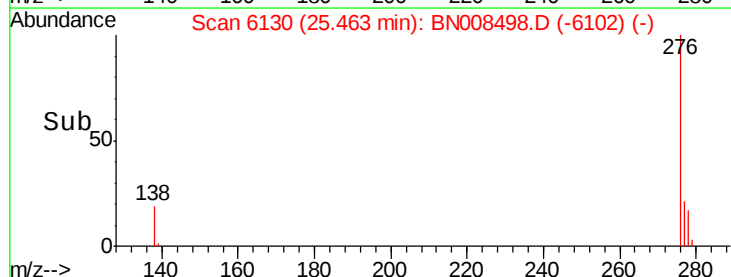
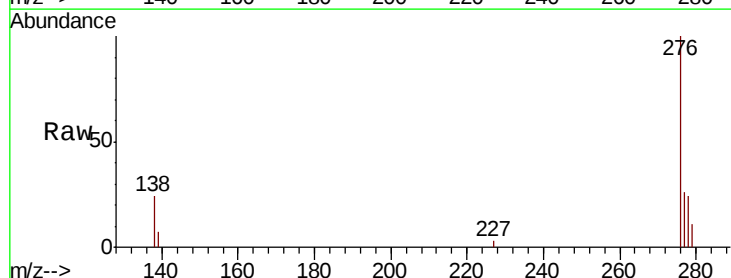
RT: 25.46 min Scan# 6130

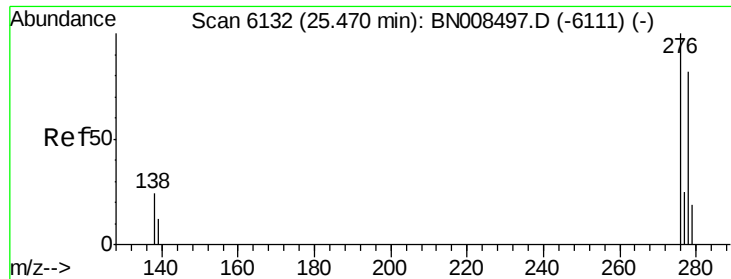
Delta R.T. -0.01 min

Lab File: BN008498.D

Acq: 08 Nov 2019 08:41

Tgt Ion:	276	Resp:	9110
Ion Ratio	Lower	Upper	
276	100		
138	19.5	18.3	27.5
227	0.1	0.0	0.0#





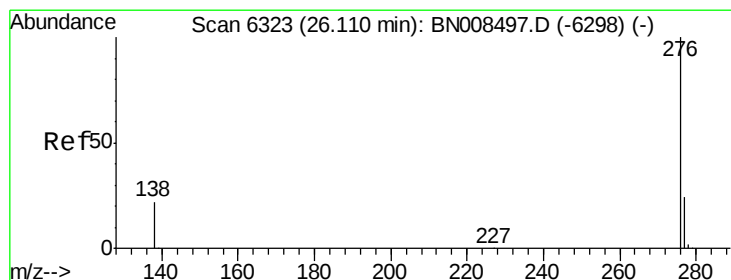
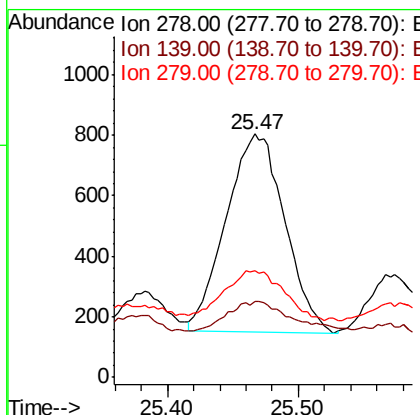
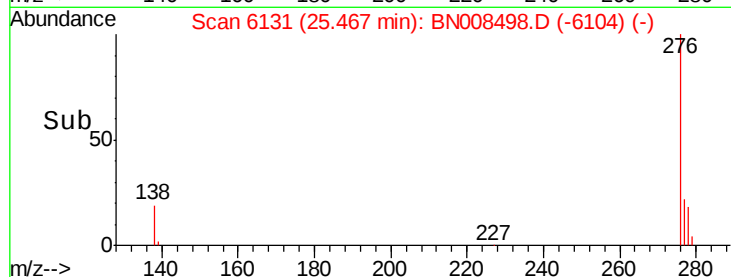
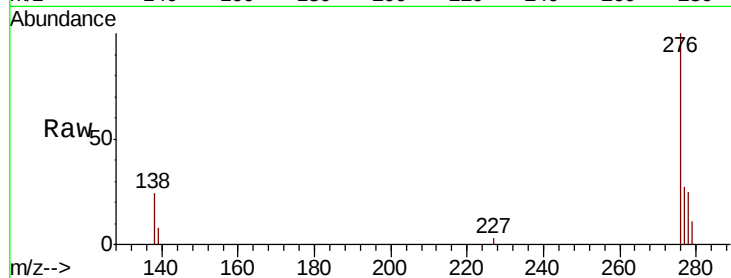
#25
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.47 min Scan# 6131
Delta R.T. -0.01 min
Lab File: BN008498.D
Acq: 08 Nov 2019 08:41

Instrument :
BNA_N
ClientSampled :
JLNA1DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	31.3	17.6	26.4#
279	43.8	25.1	37.7#

Manual Integrations
APPROVED

mohammad
11/11/2019 8:08:37 AM



#26
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.11 min Scan# 6323
Delta R.T. -0.01 min
Lab File: BN008498.D
Acq: 08 Nov 2019 08:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.1	30.1
277	26.0	20.6	31.0

