

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008510.D
 Acq On : 08 Nov 2019 15:51
 Operator : JU
 Sample : K5699-01DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J00DL

Manual Integrations
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mohammad
 11/11/2019 8:09:05 AM

Quant Time: Nov 08 16:47:08 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	7.55	152	1330	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	5750	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	3404	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	7338	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	5794	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	5735	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	1175	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	3709	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	16818	1.028	ng/ul	97
5) 2-Methylnaphthalene	12.00	142	1198	0.110	ng/ul	99
7) Acenaphthylene	13.90	152	846	0.053	ng/ul#	83
8) Acenaphthene	14.25	153	1489	0.116	ng/ul	97
9) Fluorene	15.25	166	915	0.065	ng/ul#	96
12) Phenanthrene	16.98	178	1474	0.066	ng/ul#	89
13) Anthracene	17.07	178	3020	0.155	ng/ul#	95
15) Fluoranthene	19.01	202	5817	0.227	ng/ul	99
17) Pyrene	19.37	202	7842m	0.277	ng/ul	
18) Benzo(a)anthracene	21.13	228	2613	0.130	ng/ul#	92
19) Chrysene	21.19	228	2397	0.093	ng/ul#	94
21) Benzo(b)fluoranthene	22.67	252	6522m	0.305	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	2072m	0.085	ng/ul	
23) Benzo(a)pyrene	23.22	252	2608	0.121	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.46	276	1581	0.065	ng/ul#	99
26) Benzo(a,h,i)perylene	26.10	276	1417	0.065	ng/ul#	80

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

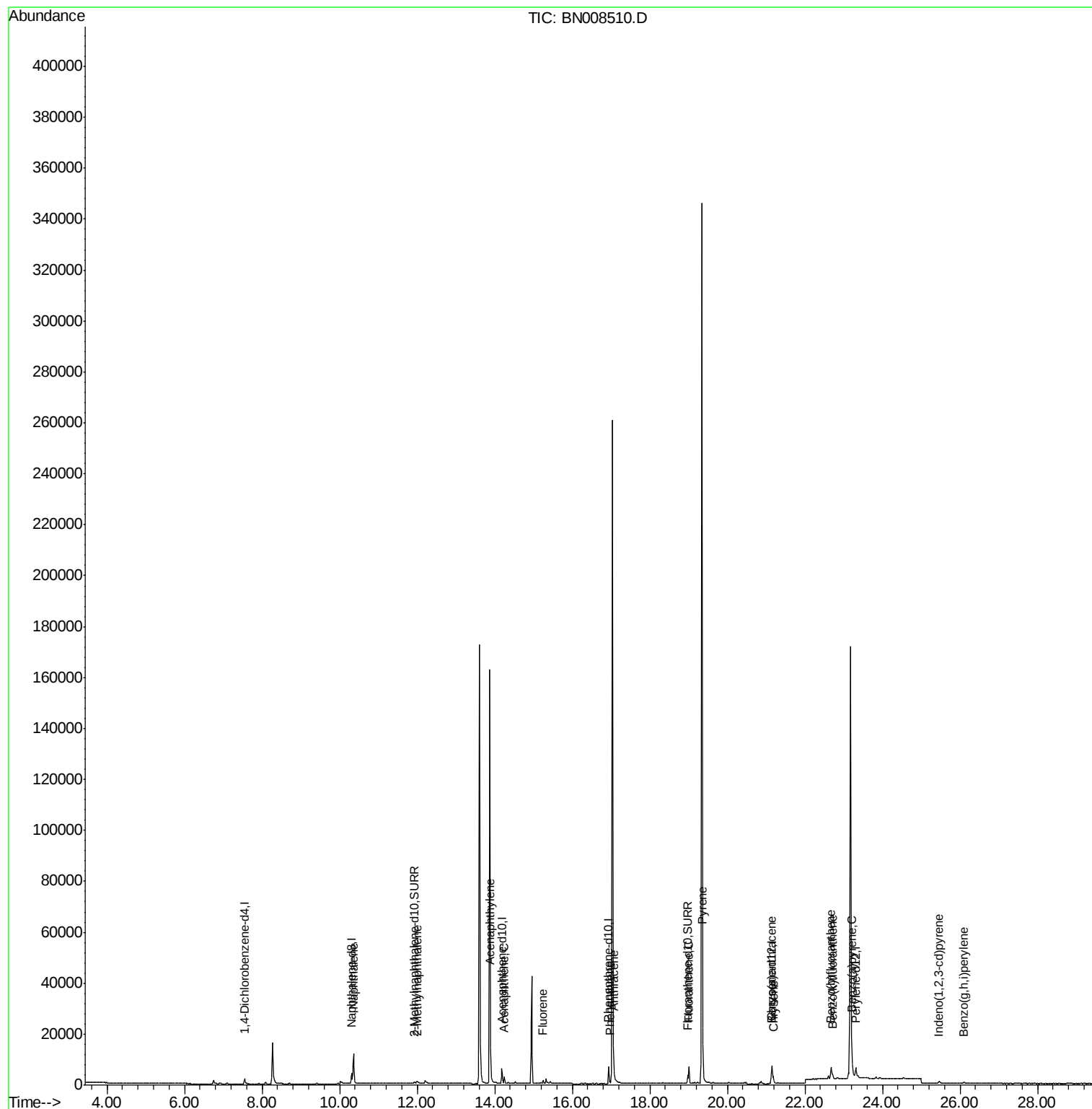
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
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ALS Vial : 30 Sample Multiplier: 1

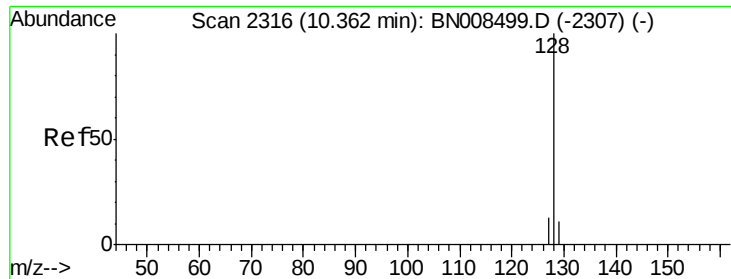
Instrument :
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Quant Time: Nov 08 16:47:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 06:44:20 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.028 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008510.D

Acq: 08 Nov 2019 15:51

Instrument :

BNA_N

ClientSampleId :

F2J00DL

Tot Ion:128 Resp: 16818

Ion Ratio Lower Upper

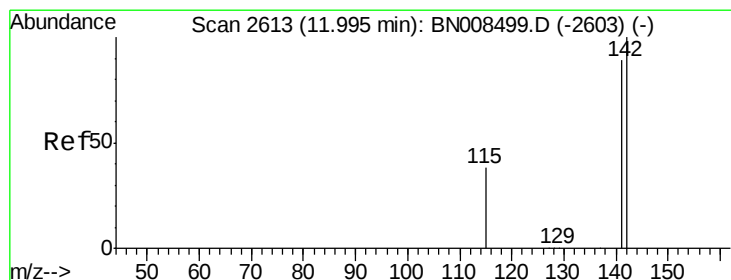
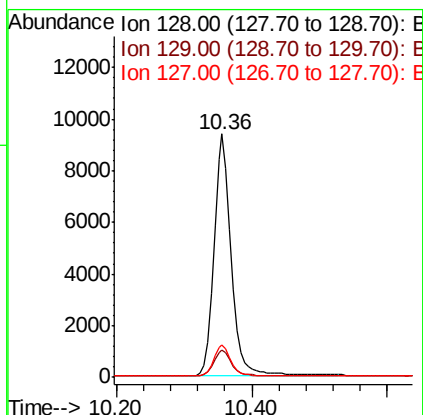
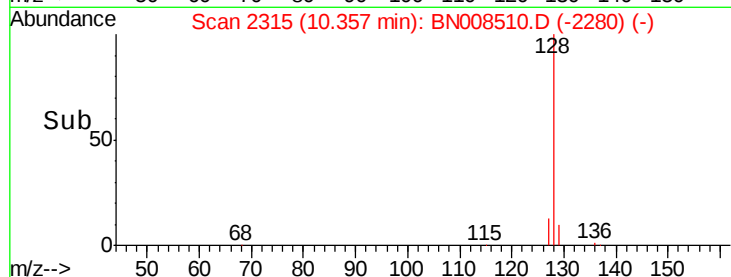
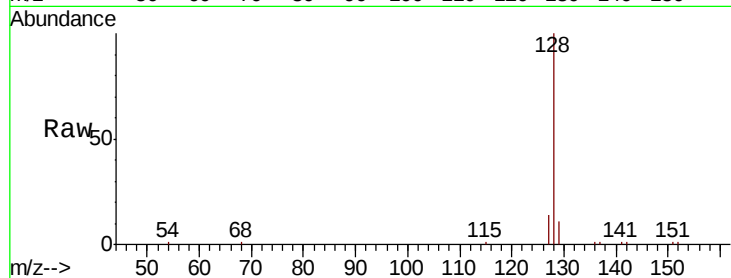
128 100

129 11.5 10.0 15.0

127 13.5 11.6 17.4

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#5

2-Methylnaphthalene

Concen: 0.110 ng/ul

RT: 12.00 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BN008510.D

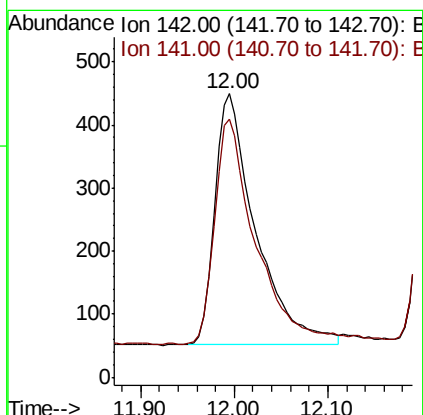
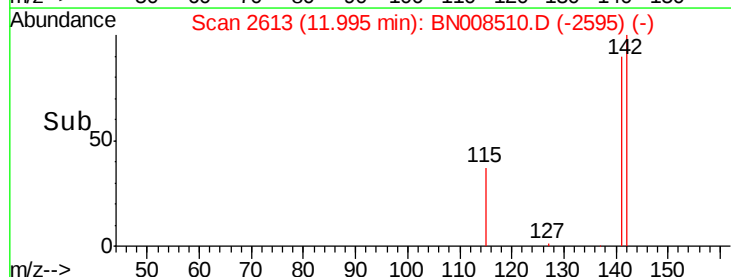
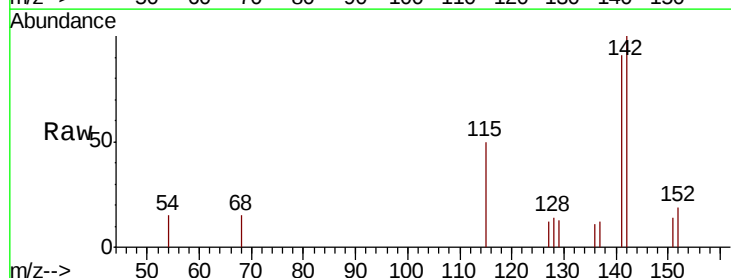
Acq: 08 Nov 2019 15:51

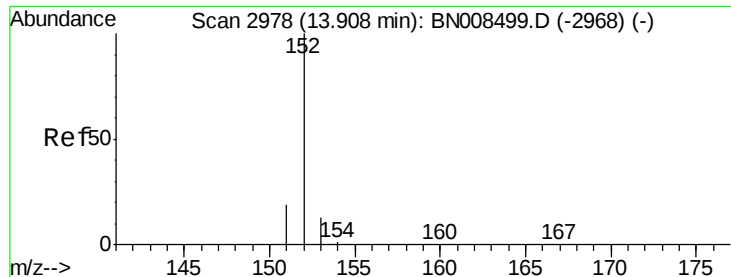
Tgt Ion:142 Resp: 1198

Ion Ratio Lower Upper

142 100

141 90.2 72.8 109.2





#7

Acenaphthylene

Concen: 0.053 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BN008510.D

Acq: 08 Nov 2019 15:51

Instrument :

BNA_N

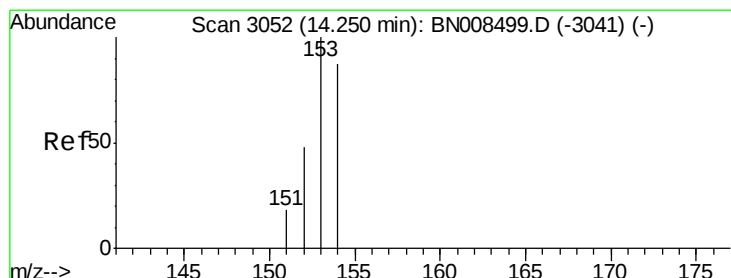
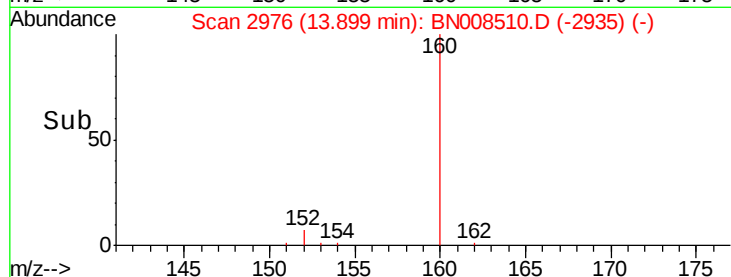
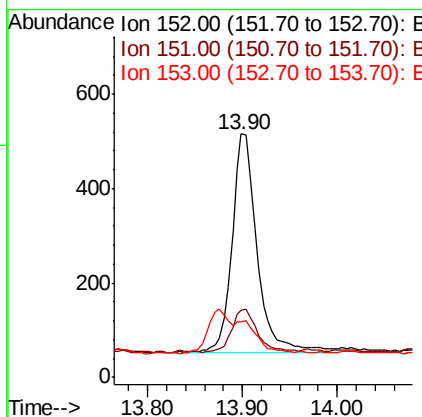
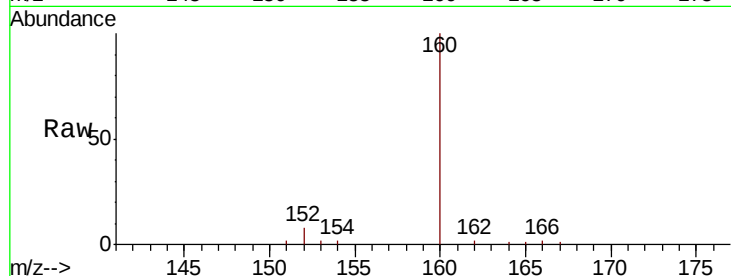
ClientSampleId :

F2J00DL

Tot Ion:	152	Resp:	846
Ion Ratio	Lower	Upper	
152	100		
151	27.7	16.7	25.1#
153	23.1	11.4	17.2#

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#8

Acenaphthene

Concen: 0.116 ng/ul

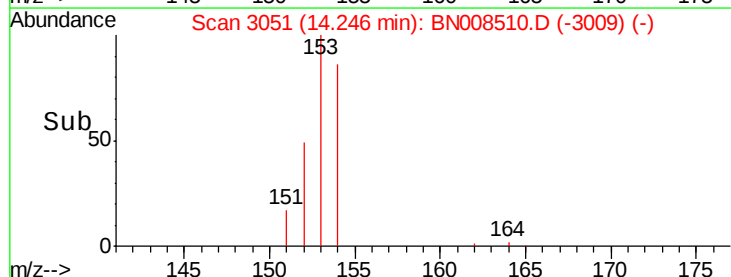
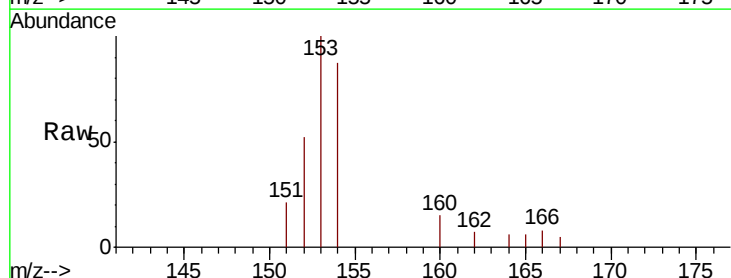
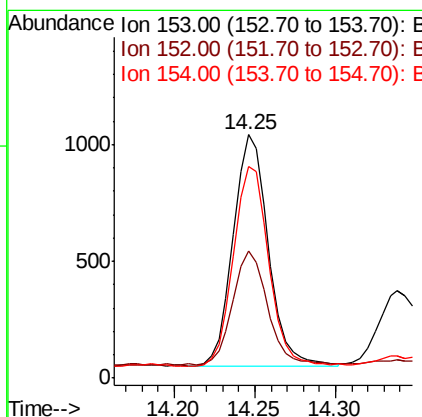
RT: 14.25 min Scan# 3051

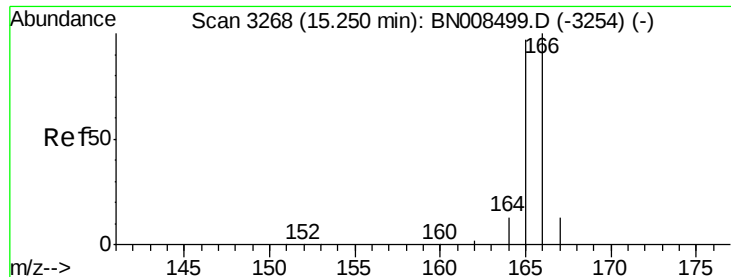
Delta R.T. -0.00 min

Lab File: BN008510.D

Acq: 08 Nov 2019 15:51

Tgt Ion:	153	Resp:	1489
Ion Ratio	Lower	Upper	
153	100		
152	52.3	39.8	59.8
154	86.8	71.6	107.4





#9

Fluorene

Concen: 0.065 ng/ul

RT: 15.25 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN008510.D

Acq: 08 Nov 2019 15:51

Instrument :

BNA_N

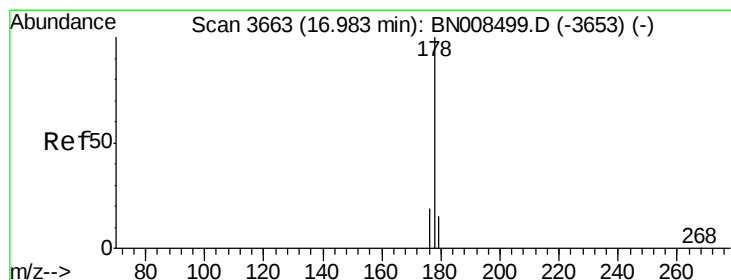
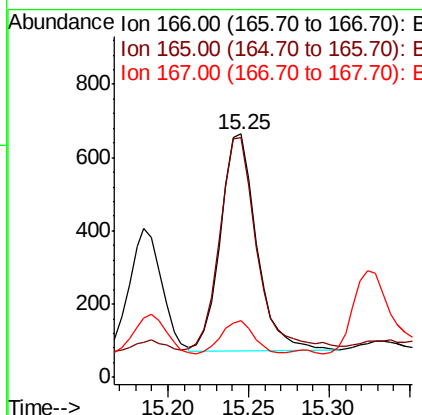
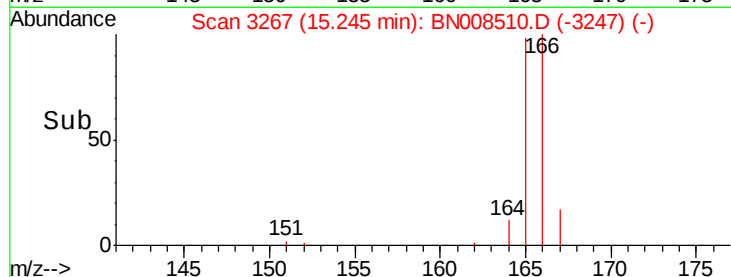
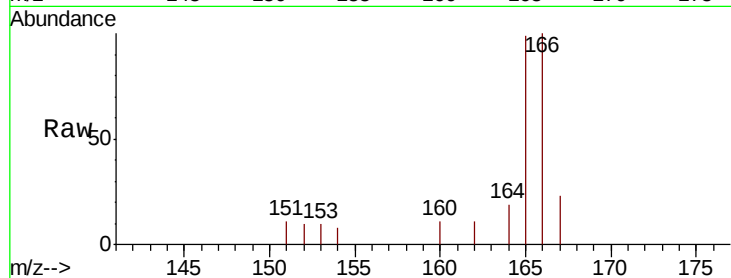
ClientSampleId :

F2J00DL

Tot Ion:	166	Resp:	915
Ion Ratio	Lower	Upper	
166	100		
165	98.6	78.2	117.2
167	23.5	12.1	18.1#

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#12

Phenanthrene

Concen: 0.066 ng/ul

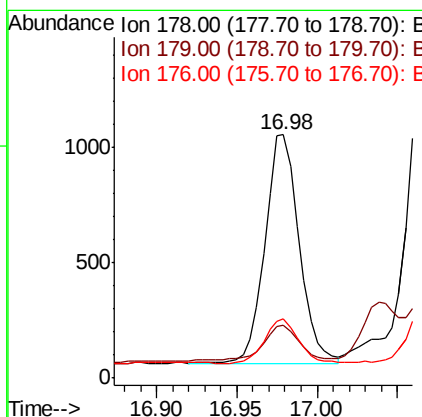
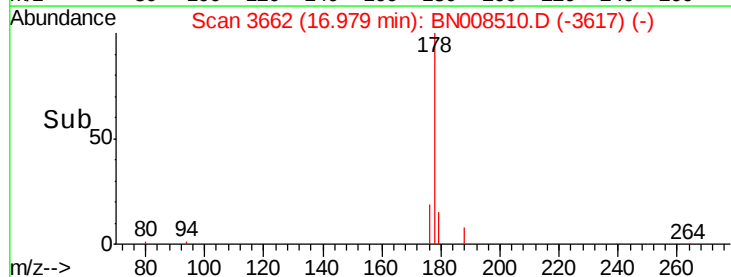
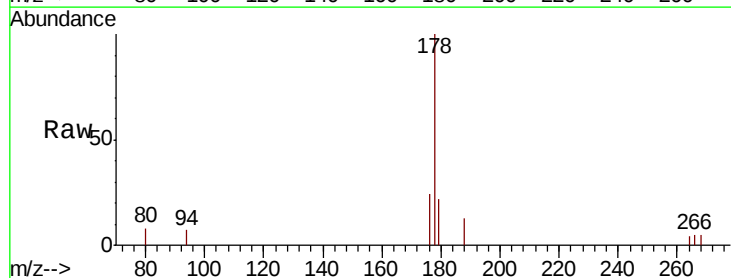
RT: 16.98 min Scan# 3662

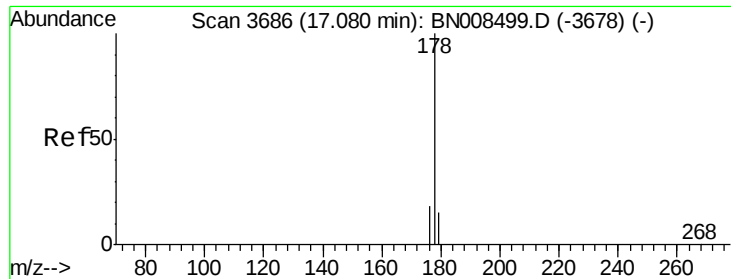
Delta R.T. -0.01 min

Lab File: BN008510.D

Acq: 08 Nov 2019 15:51

Tgt Ion:	178	Resp:	1474
Ion Ratio	Lower	Upper	
178	100		
179	21.7	13.2	19.8#
176	24.1	15.6	23.4#





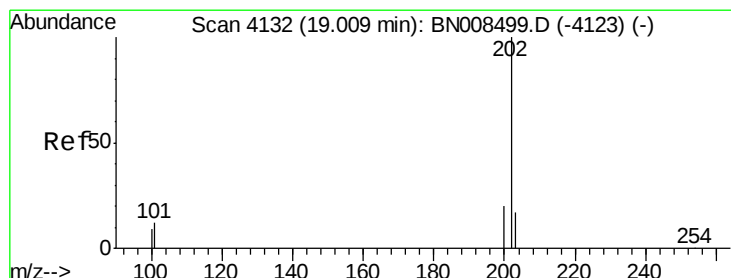
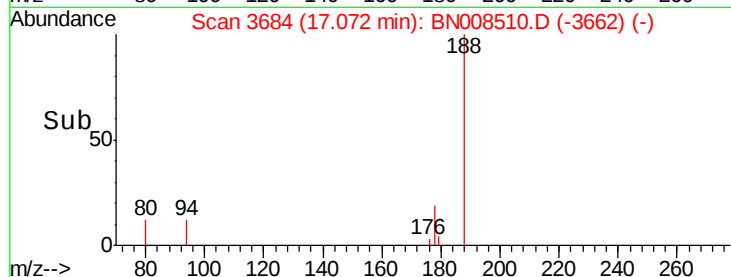
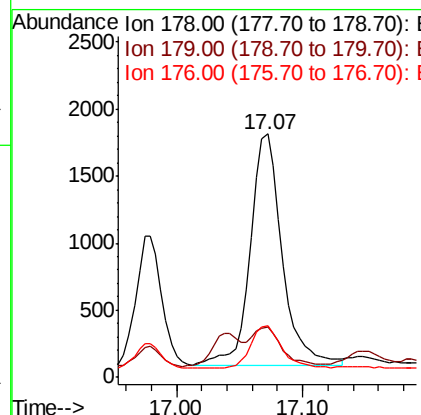
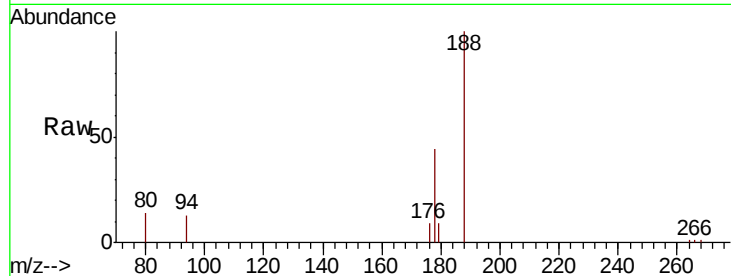
#13
 Anthracene
 Concen: 0.155 ng/ul
 RT: 17.07 min Scan# 3684
 Delta R.T. -0.01 min
 Lab File: BN008510.D
 Acq: 08 Nov 2019 15:51

Instrument :
 BNA_N
 ClientSampleId :
 F2J00DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.6	13.7	20.5#
176	21.1	15.7	23.5

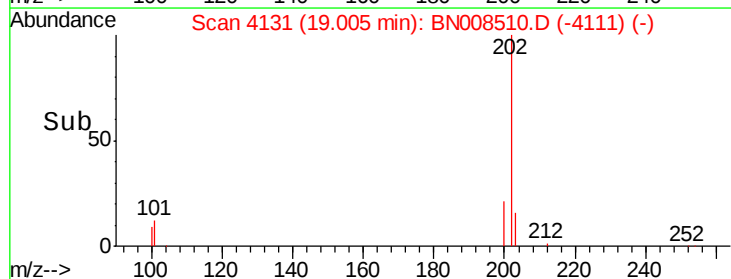
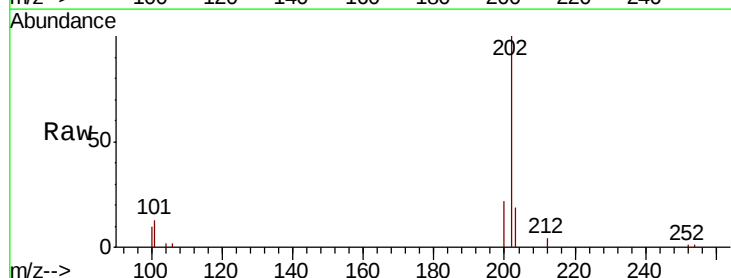
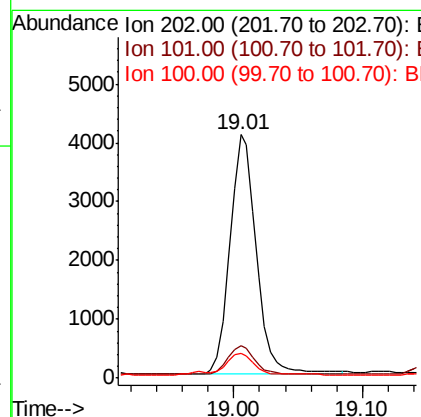
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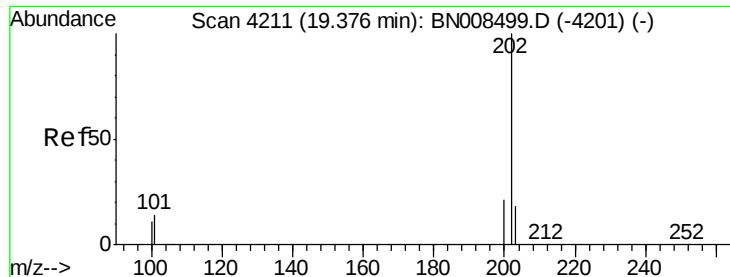
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#15
 Fluoranthene
 Concen: 0.227 ng/ul
 RT: 19.01 min Scan# 4131
 Delta R.T. -0.01 min
 Lab File: BN008510.D
 Acq: 08 Nov 2019 15:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.0
100	10.3	0.0	30.2





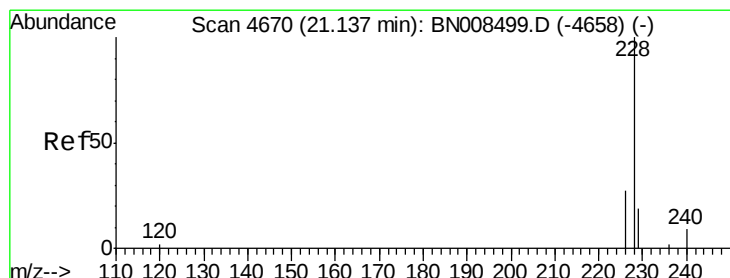
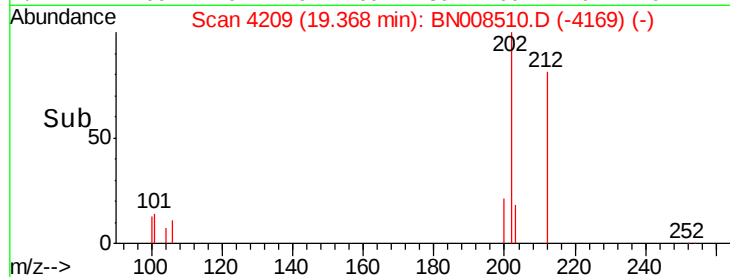
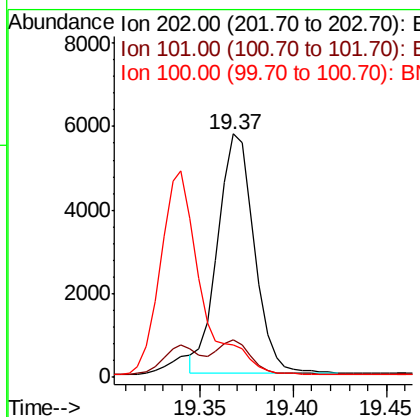
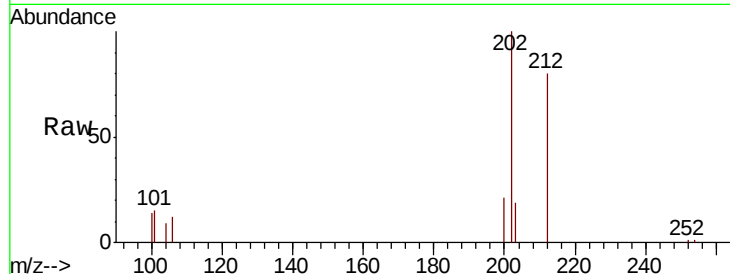
#17
Pvrene
Concen: 0.277 ng/ul m
RT: 19.37 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BN008510.D
Acq: 08 Nov 2019 15:51

Instrument :
BNA_N
ClientSampleId :
F2J00DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.6	17.4
100	13.5	9.4	14.0

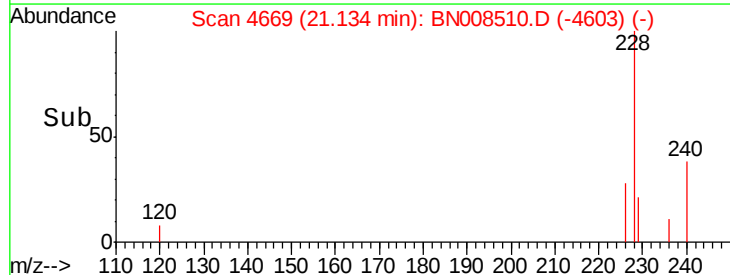
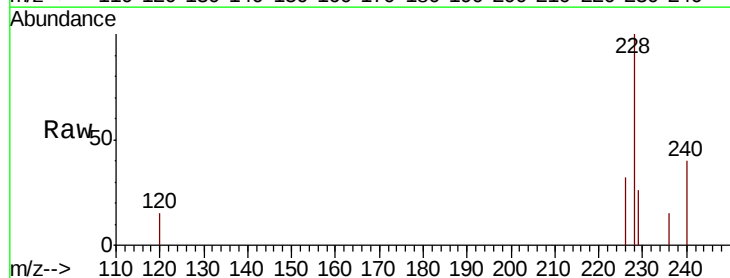
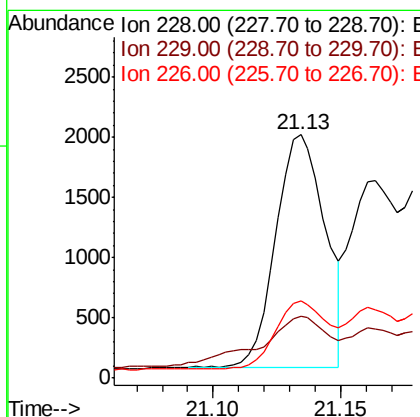
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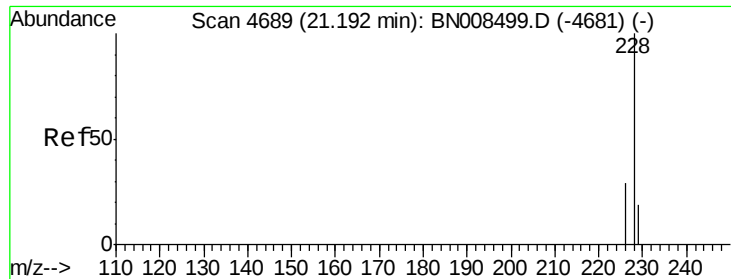
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#18
Benzo(a)anthracene
Concen: 0.130 ng/ul
RT: 21.13 min Scan# 4669
Delta R.T. -0.01 min
Lab File: BN008510.D
Acq: 08 Nov 2019 15:51

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.5	16.6	24.8#
226	31.5	22.8	34.2





#19

Chrysene

Concen: 0.093 ng/ul

RT: 21.19 min Scan# 4687

Delta R.T. -0.01 min

Lab File: BN008510.D

Acq: 08 Nov 2019 15:51

Instrument :

BNA_N

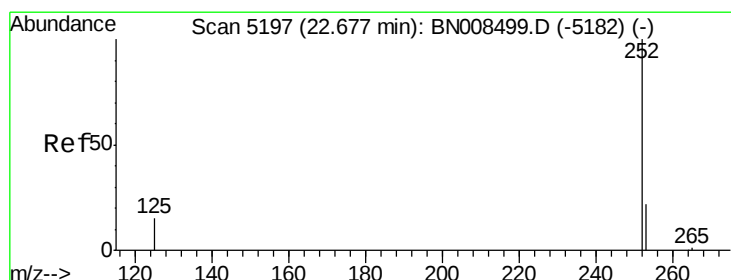
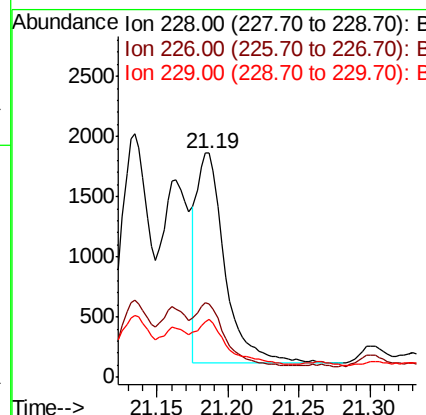
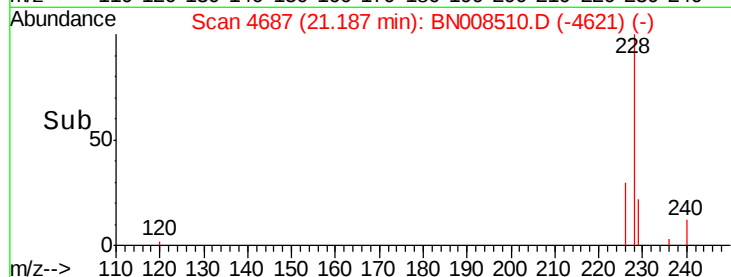
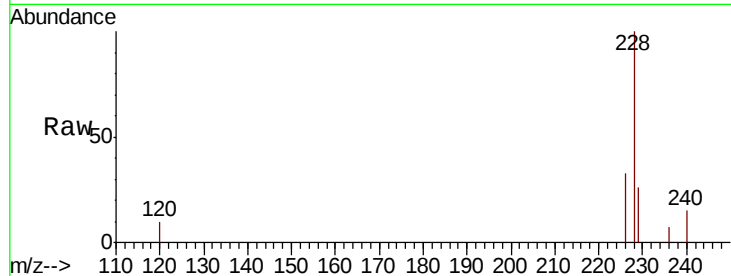
ClientSampled :

F2J00DL

Tot Ion:	228	Resp:	2397
Ion Ratio	Lower	Upper	
228	100		
226	32.5	24.9	37.3
229	25.7	16.6	25.0#

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#21

Benzo(b)fluoranthene

Concen: 0.305 ng/ul m

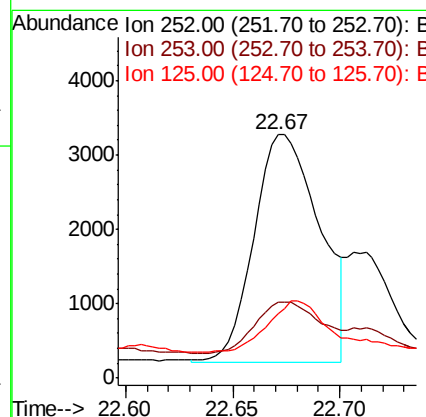
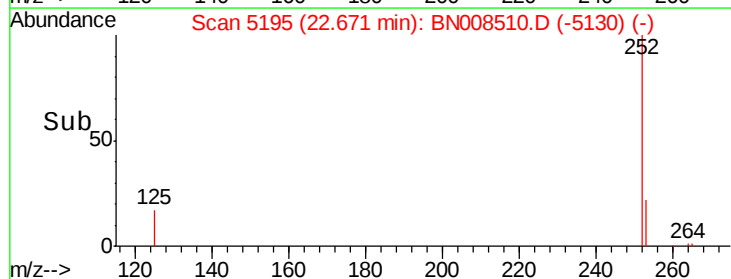
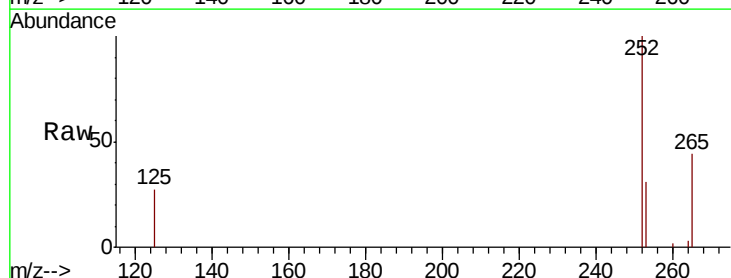
RT: 22.67 min Scan# 5195

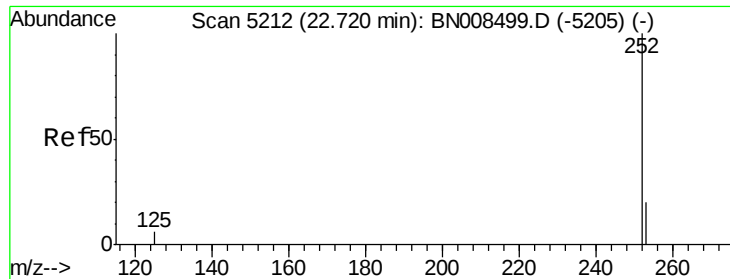
Delta R.T. -0.01 min

Lab File: BN008510.D

Acq: 08 Nov 2019 15:51

Tgt Ion:	252	Resp:	6522
Ion Ratio	Lower	Upper	
252	100		
253	31.1	0.0	58.4
125	26.5	0.0	58.6





#22

Benzo(k)fluoranthene

Concen: 0.085 ng/ul m

RT: 22.71 min Scan# 5209

Delta R.T. -0.01 min

Lab File: BN008510.D

Acq: 08 Nov 2019 15:51

Instrument :

BNA_N

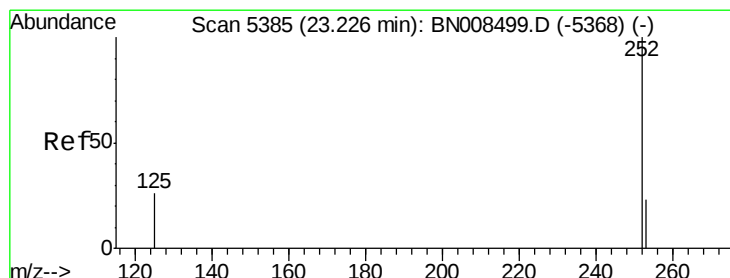
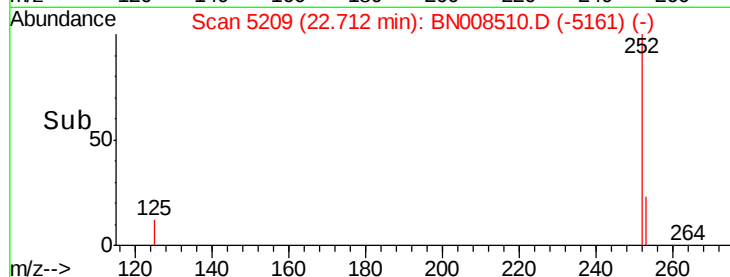
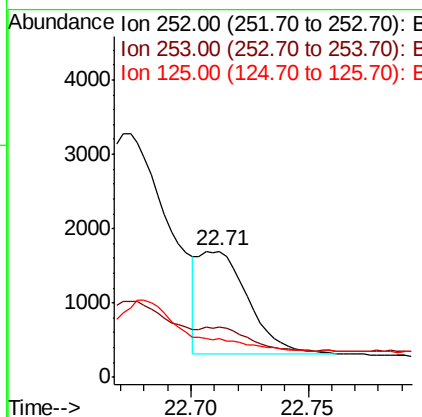
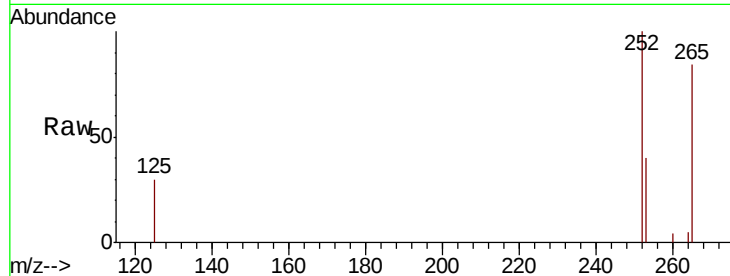
ClientSampleId :

F2J00DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.5	22.6	34.0#
125	30.2	14.7	22.1#

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#23

Benzo(a)pyrene

Concen: 0.121 ng/ul

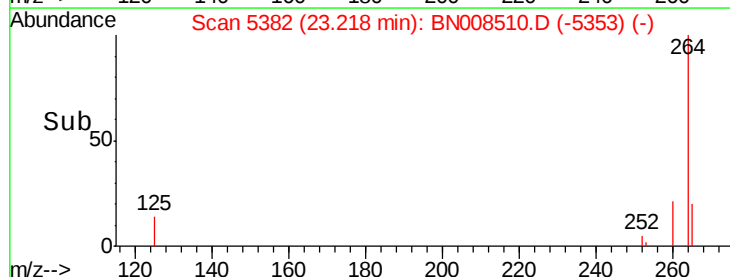
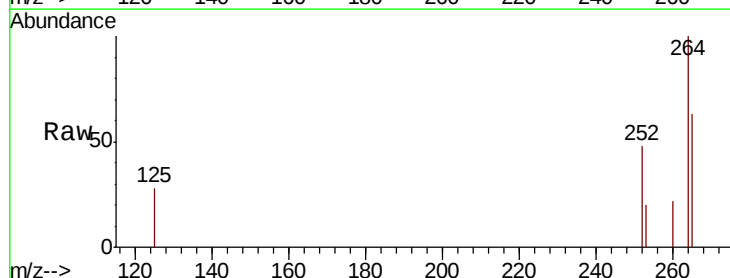
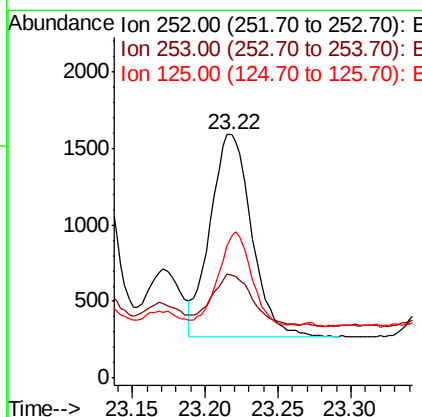
RT: 23.22 min Scan# 5382

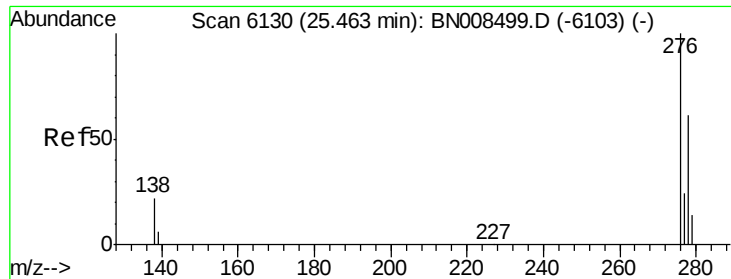
Delta R.T. -0.01 min

Lab File: BN008510.D

Acq: 08 Nov 2019 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.1	27.2	40.8#
125	58.7	37.0	55.6#





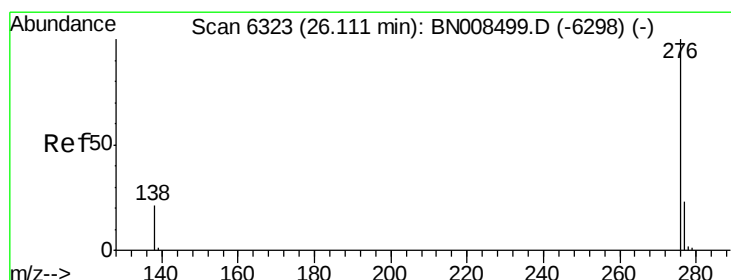
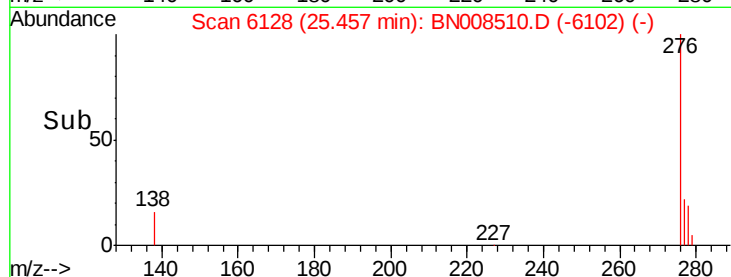
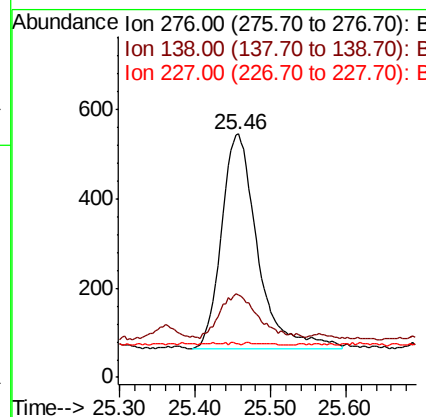
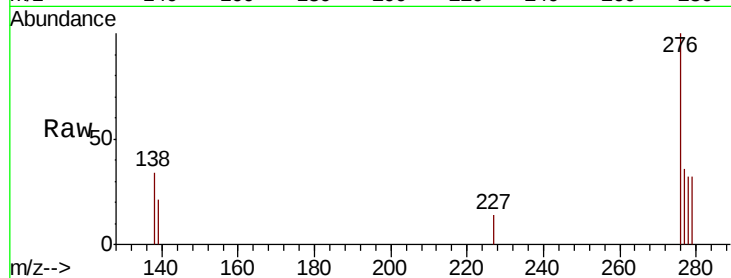
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.065 ng/ul
 RT: 25.46 min Scan# 6128
 Delta R.T. -0.01 min
 Lab File: BN008510.D
 Acq: 08 Nov 2019 15:51

Instrument :
 BNA_N
 ClientSampleId :
 F2J00DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	18.3	27.5
227	0.2	0.0	0.0#

Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:09:05 AM



#26
 Benzo(g,h,i)perylene
 Concen: 0.065 ng/ul
 RT: 26.10 min Scan# 6320
 Delta R.T. -0.02 min
 Lab File: BN008510.D
 Acq: 08 Nov 2019 15:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.3	20.1	30.1#
277	35.3	20.6	31.0#

