

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008513.D
 Acq On : 08 Nov 2019 17:38
 Operator : JU
 Sample : K5699-04DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J01DL

Manual Integrations
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mohammad
 11/11/2019 8:09:14 AM

Quant Time: Nov 08 23:10:54 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 23:03:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	1486	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.31	136	6380	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	3839	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	7932	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	5872	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	5448	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	450	0.04	ng/ul	0.02
14) Fluoranthene-d10	18.98	212	1494	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	13749	0.757	ng/ul	98
5) 2-Methylnaphthalene	12.01	142	875	0.072	ng/ul	100
8) Acenaphthene	14.25	153	917	0.063	ng/ul	97
9) Fluorene	15.25	166	529	0.033	ng/ul#	96
12) Phenanthrene	16.98	178	654	0.027	ng/ul#	78
13) Anthracene	17.07	178	1308	0.062	ng/ul#	84
15) Fluoranthene	19.01	202	1877	0.068	ng/ul	95
17) Pyrene	19.37	202	2827	0.099	ng/ul#	91
18) Benzo(a)anthracene	21.14	228	726	0.036	ng/ul#	81
19) Chrysene	21.19	228	648m	0.025	ng/ul	
21) Benzo(b)fluoranthene	22.67	252	2063m	0.102	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	780m	0.034	ng/ul	
23) Benzo(a)pyrene	23.22	252	823	0.040	ng/ul#	27
24) Indeno(1,2,3-cd)pyrene	25.46	276	527	0.023	ng/ul#	100
26) Benzo(g,h,i)perylene	26.10	276	472	0.023	ng/ul#	48

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

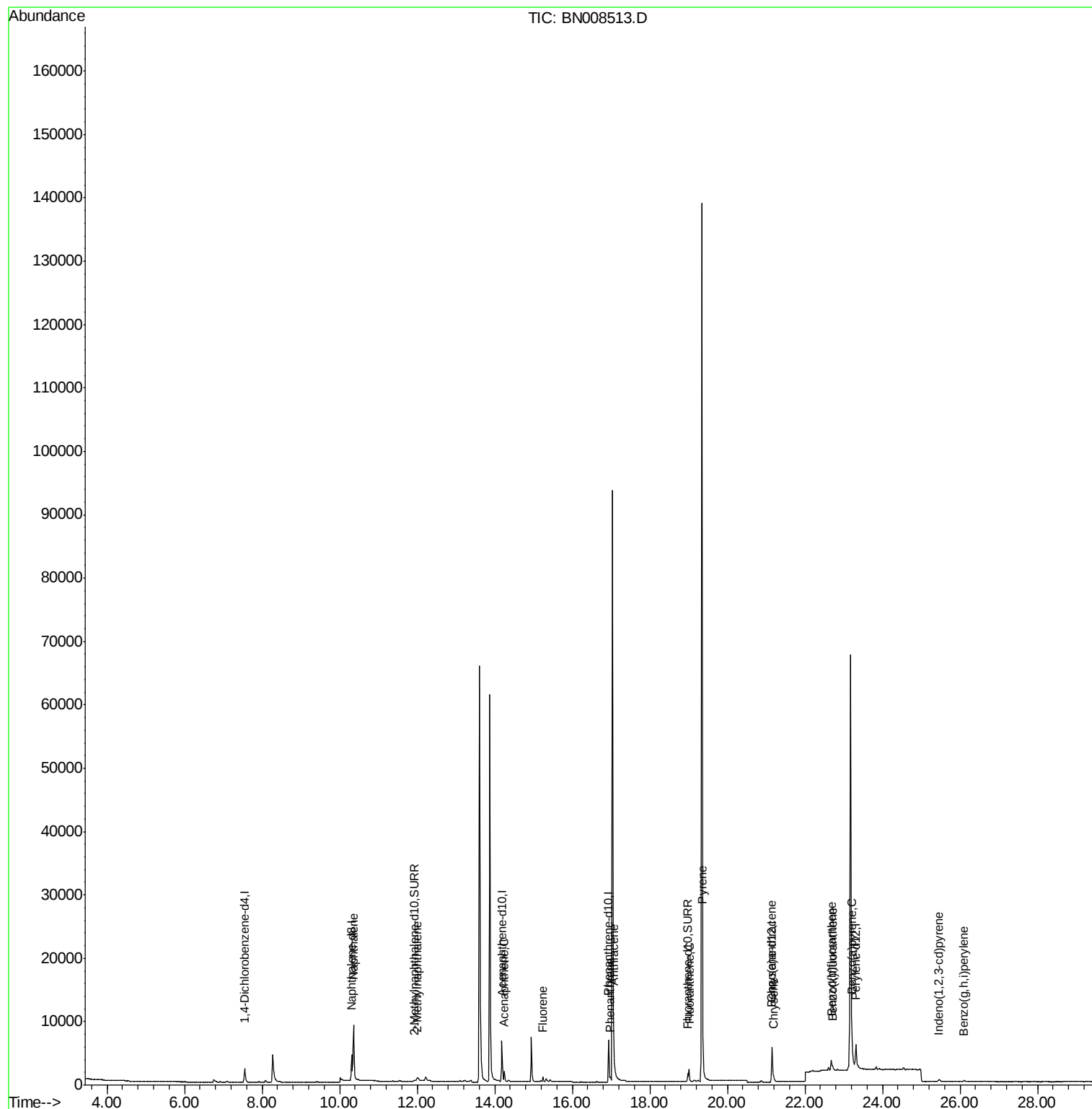
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
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ALS Vial : 32 Sample Multiplier: 1

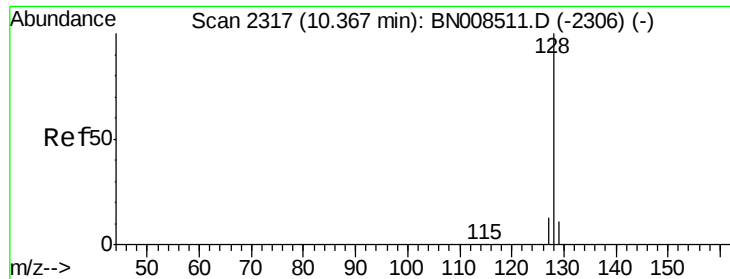
Instrument :
BNA_N
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F2J01DL

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Quant Time: Nov 08 23:10:54 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 23:03:10 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.757 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008513.D

Acq: 08 Nov 2019 17:38

Instrument :

BNA_N

ClientSampleId :

F2J01DL

Tot Ion:128 Resp: 13749

Ion Ratio Lower Upper

128 100

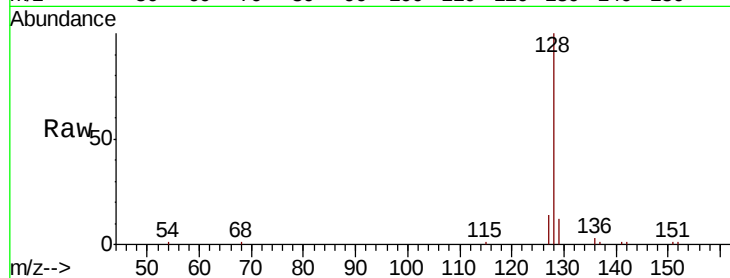
129 11.7 10.0 15.0

127 14.0 11.6 17.4

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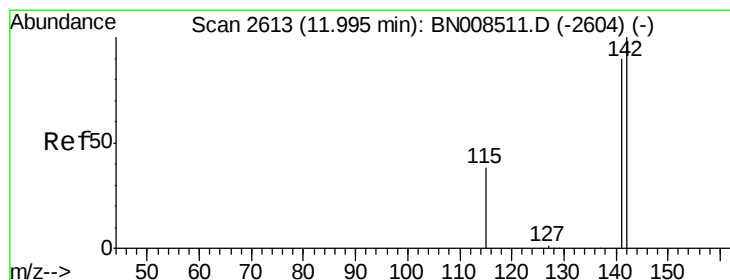
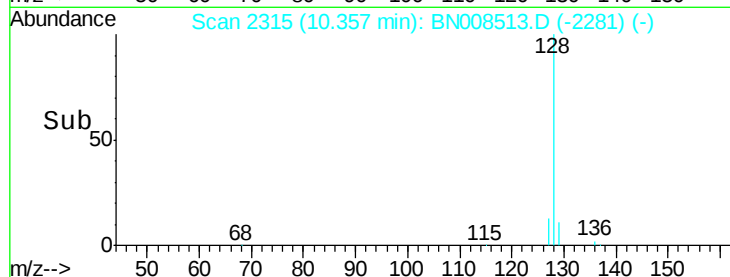
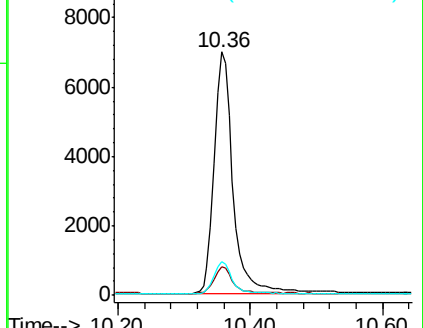
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.072 ng/ul

RT: 12.01 min Scan# 2615

Delta R.T. 0.01 min

Lab File: BN008513.D

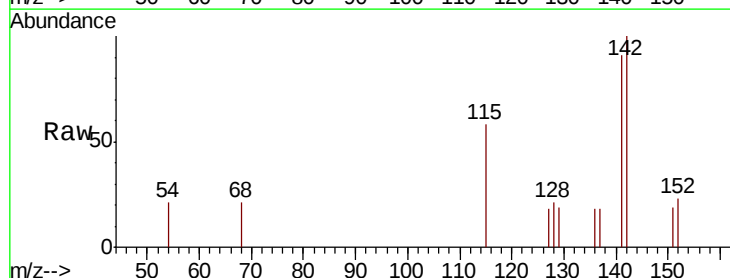
Acq: 08 Nov 2019 17:38

Tgt Ion:142 Resp: 875

Ion Ratio Lower Upper

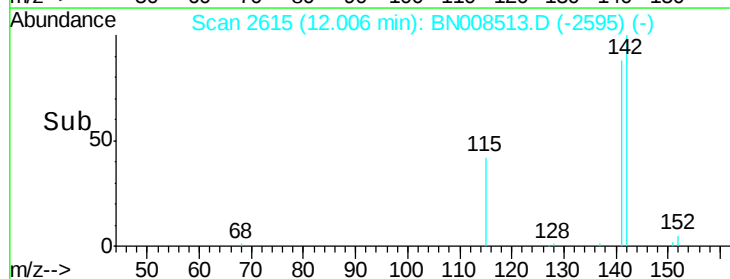
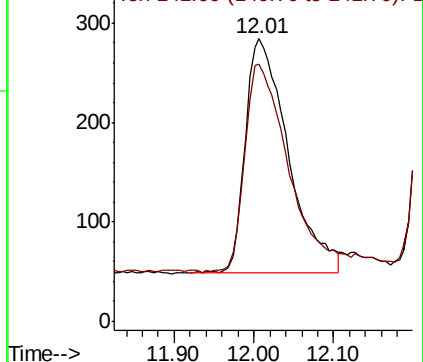
142 100

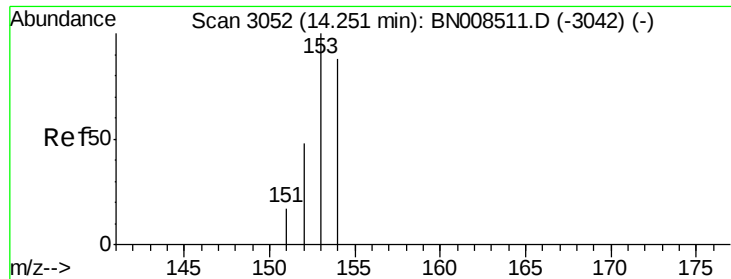
141 91.3 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.063 ng/ul

RT: 14.25 min Scan# 3051

Delta R.T. -0.00 min

Lab File: BN008513.D

Acq: 08 Nov 2019 17:38

Instrument :

BNA_N

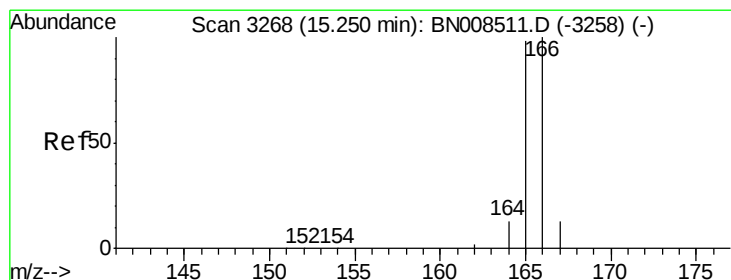
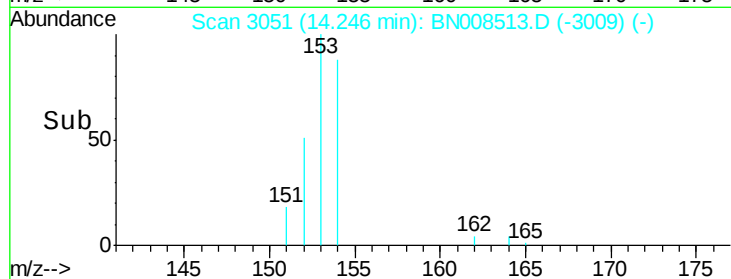
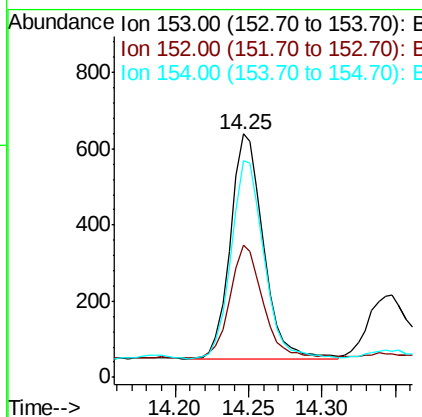
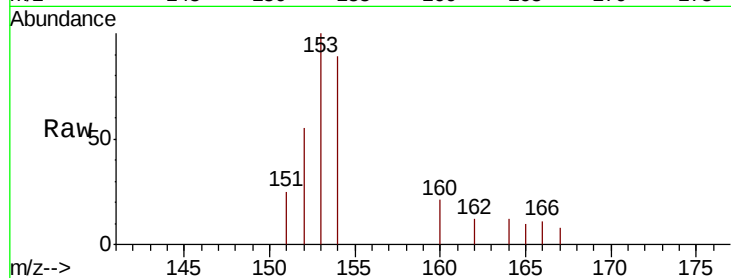
ClientSampleId :

F2J01DL

Tot Ion:	153	Resp:	917
Ion	Ratio	Lower	Upper
153	100		
152	54.6	39.8	59.8
154	88.9	71.6	107.4

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#9

Fluorene

Concen: 0.033 ng/ul

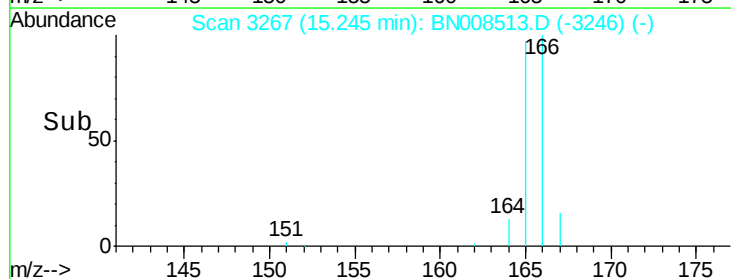
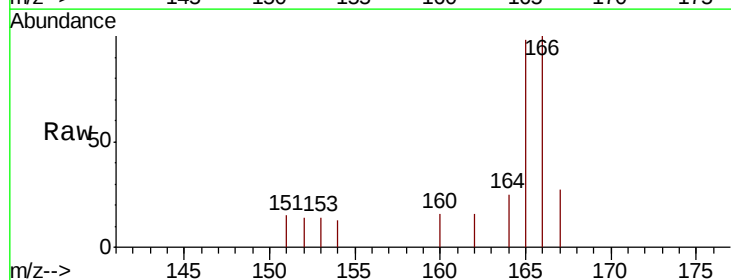
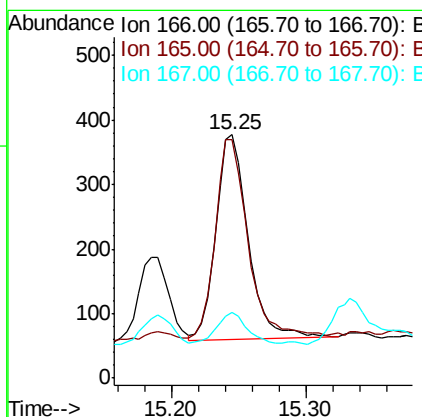
RT: 15.25 min Scan# 3267

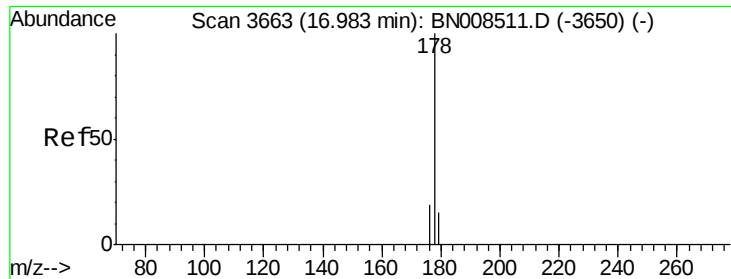
Delta R.T. -0.00 min

Lab File: BN008513.D

Acq: 08 Nov 2019 17:38

Tgt Ion:	166	Resp:	529
Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.2
167	27.3	12.1	18.1#





#12

Phenanthrene

Concen: 0.027 ng/ul

RT: 16.98 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BN008513.D

Acq: 08 Nov 2019 17:38

Instrument :

BNA_N

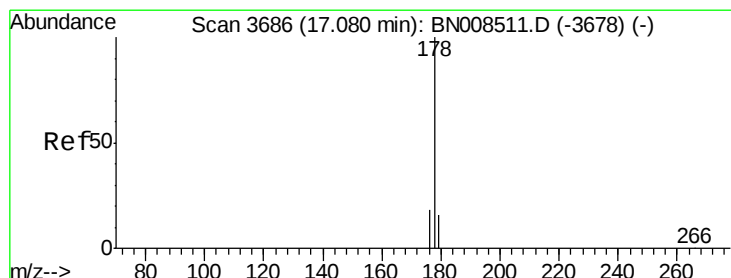
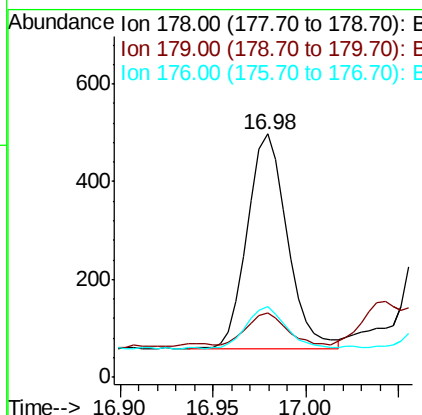
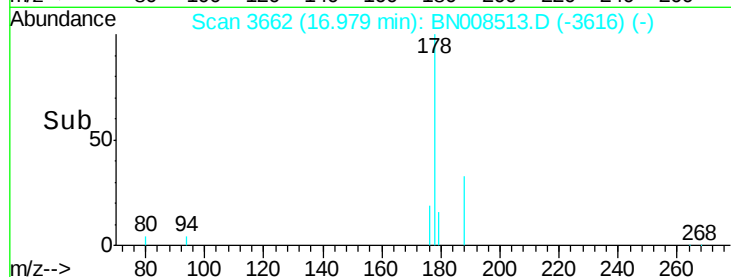
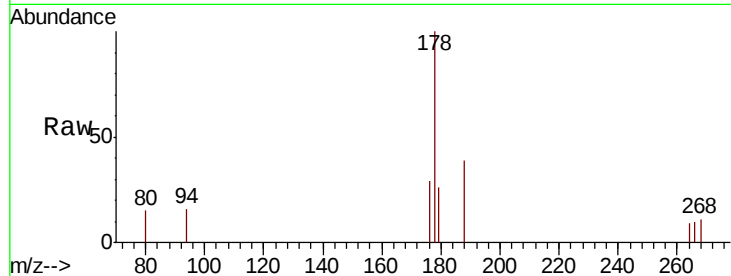
ClientSampleId :

F2J01DL

Tot Ion:178	Resp:	654
Ion Ratio	Lower	Upper
178	100	
179	26.3	13.2 19.8#
176	28.9	15.6 23.4#

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#13

Anthracene

Concen: 0.062 ng/ul

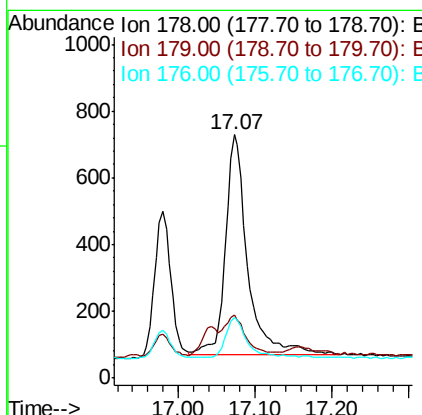
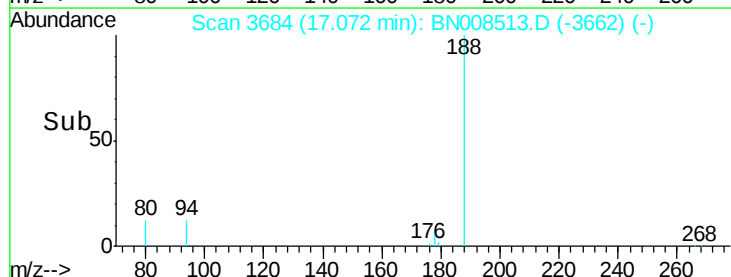
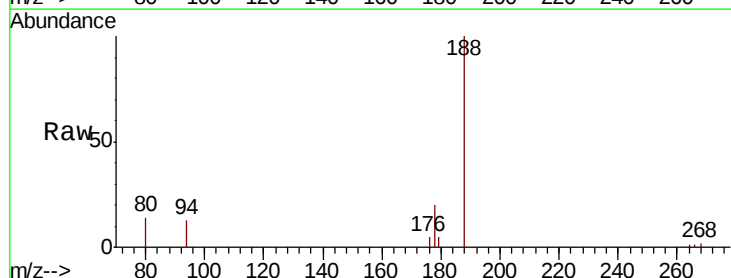
RT: 17.07 min Scan# 3684

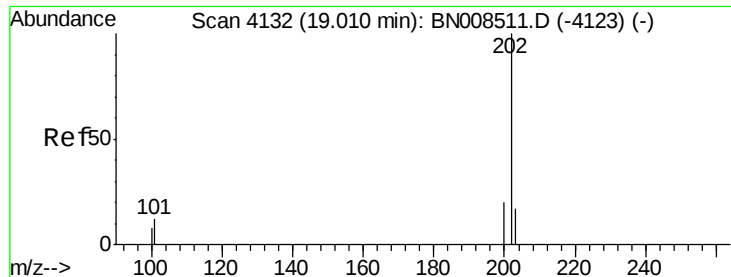
Delta R.T. -0.01 min

Lab File: BN008513.D

Acq: 08 Nov 2019 17:38

Tgt Ion:178	Resp:	1308
Ion Ratio	Lower	Upper
178	100	
179	25.9	13.7 20.5#
176	25.1	15.7 23.5#





#15

Fluoranthene

Concen: 0.068 ng/ul

RT: 19.01 min Scan# 4132

Delta R.T. 0.00 min

Lab File: BN008513.D

Acq: 08 Nov 2019 17:38

Instrument :

BNA_N

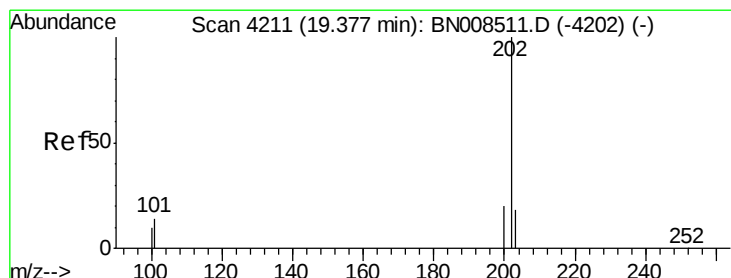
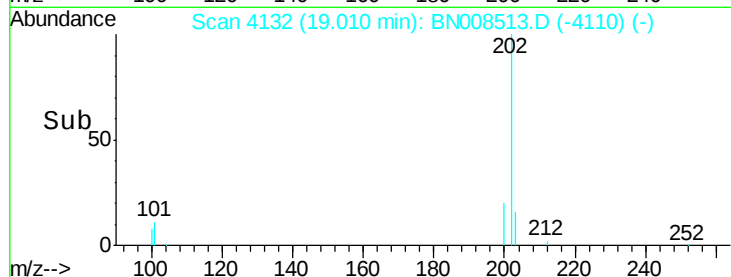
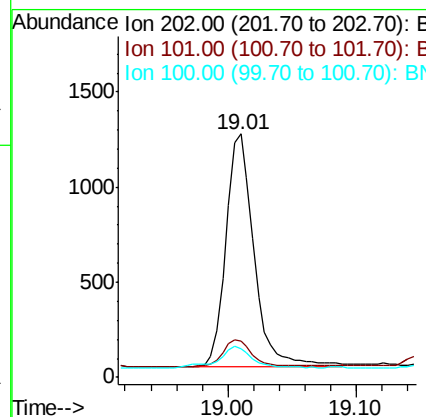
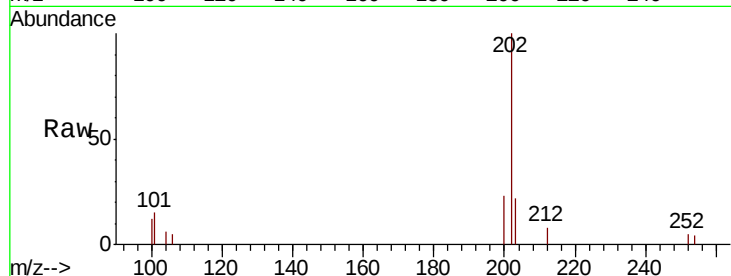
ClientSampleId :

F2J01DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1877		
101	15.0	0.0	33.0	
100	12.0	0.0	30.2	

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#17

Pyrene

Concen: 0.099 ng/ul

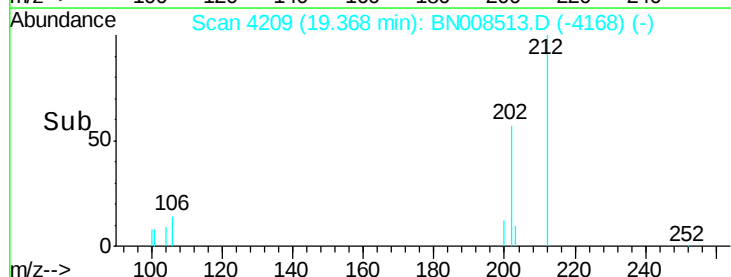
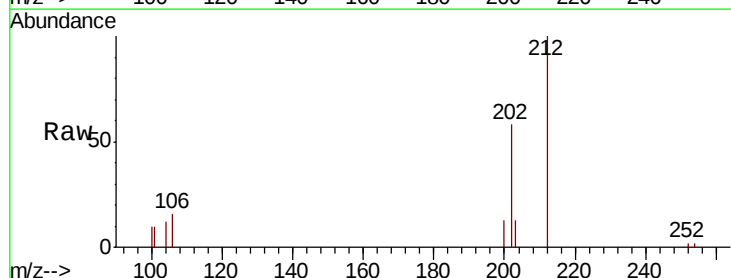
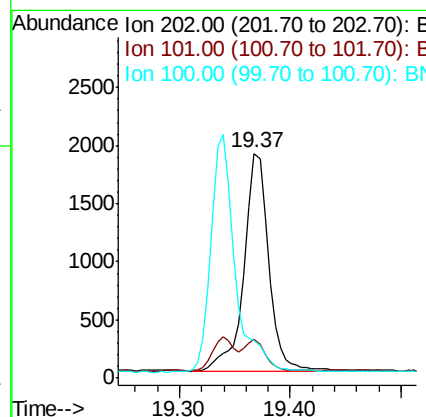
RT: 19.37 min Scan# 4209

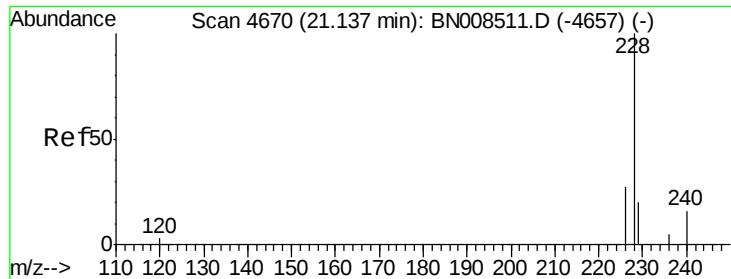
Delta R.T. -0.01 min

Lab File: BN008513.D

Acq: 08 Nov 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2827		
101	17.2	11.6	17.4	
100	16.7	9.4	14.0#	





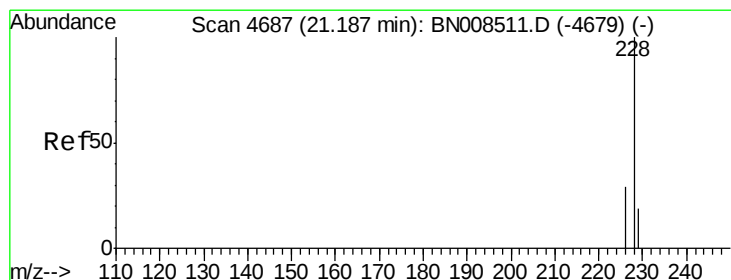
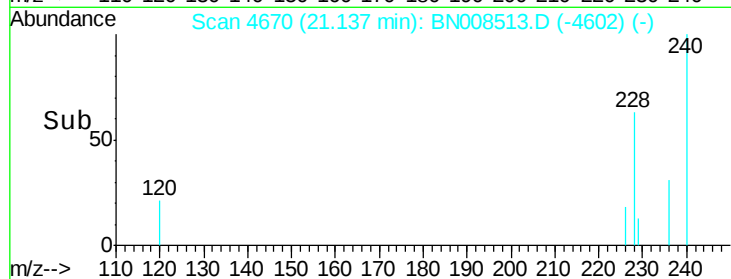
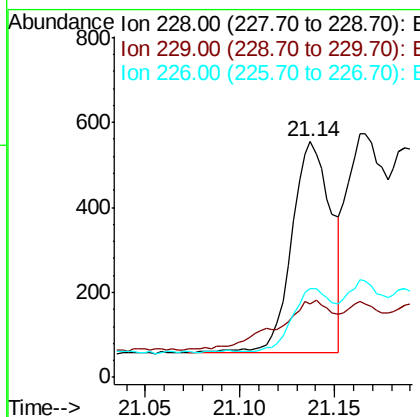
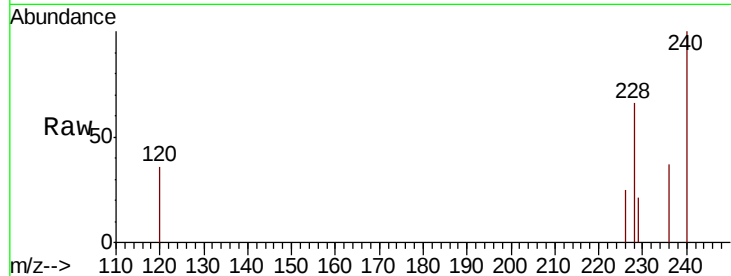
#18
Benzo(a)anthracene
Concen: 0.036 ng/ul
RT: 21.14 min Scan# 4670
Delta R.T. 0.00 min
Lab File: BN008513.D
Acq: 08 Nov 2019 17:38

Instrument :
BNA_N
ClientSampleId :
F2J01DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	31.4	16.6	24.8#
226	37.5	22.8	34.2#

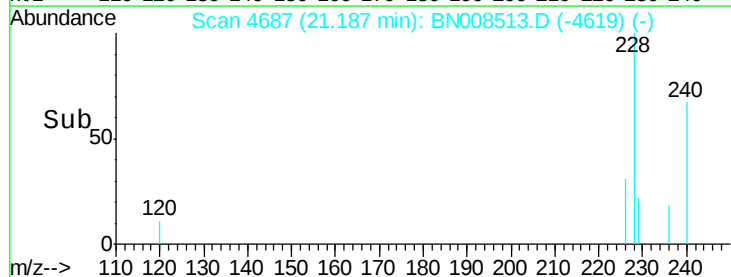
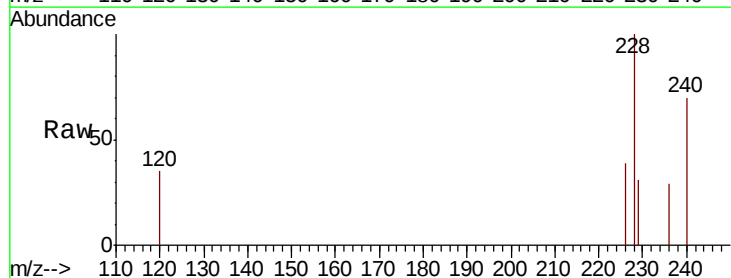
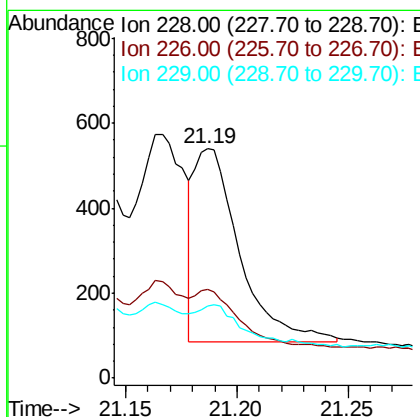
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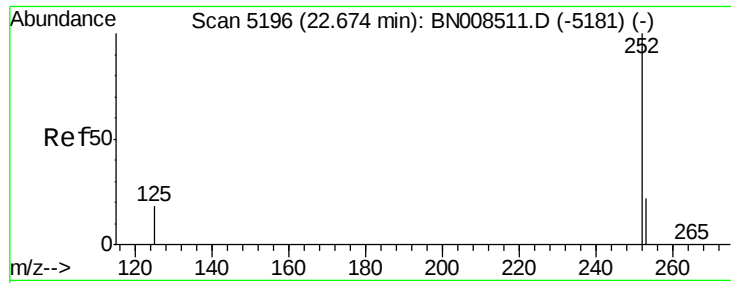
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#19
Chrysene
Concen: 0.025 ng/ul m
RT: 21.19 min Scan# 4687
Delta R.T. 0.00 min
Lab File: BN008513.D
Acq: 08 Nov 2019 17:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.5	24.9	37.3#
229	31.5	16.6	25.0#





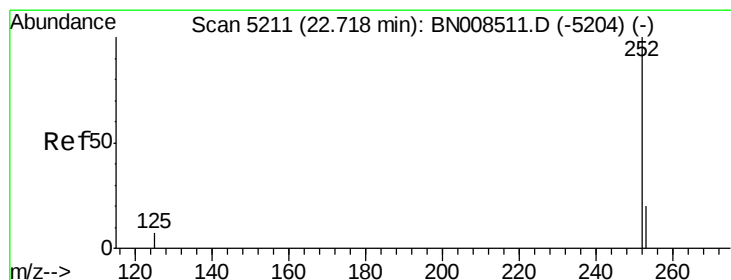
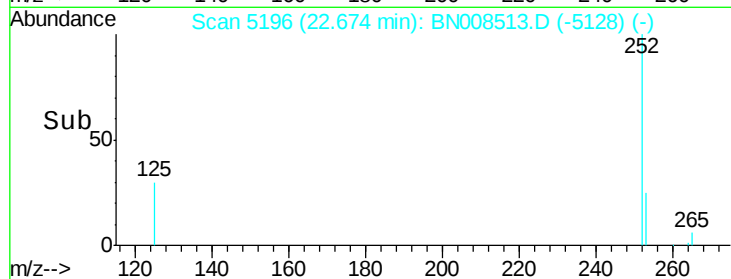
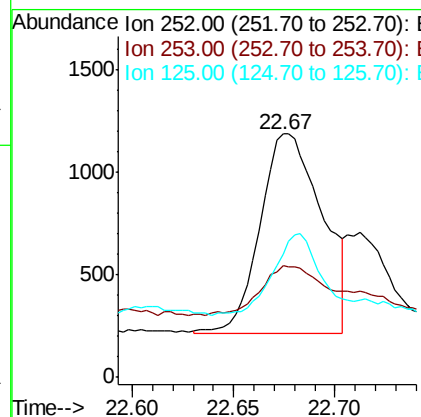
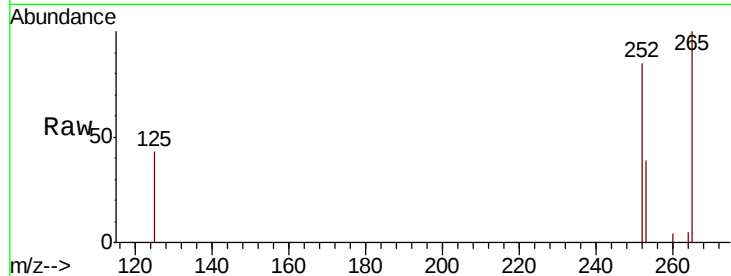
#21
Benzo(b)fluoranthene
Concen: 0.102 ng/ul m
RT: 22.67 min Scan# 5196
Delta R.T. 0.00 min
Lab File: BN008513.D
Acq: 08 Nov 2019 17:38

Instrument :
BNA_N
ClientSampleID :
F2J01DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	45.6	0.0	58.4
125	50.6	0.0	58.6

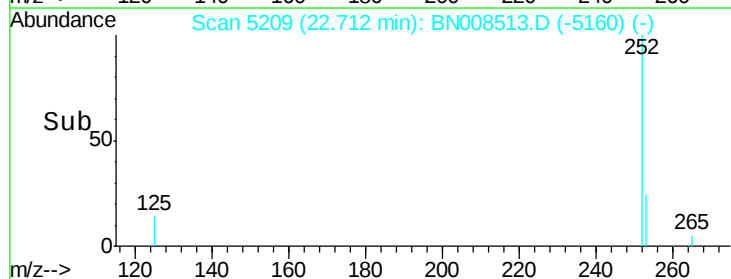
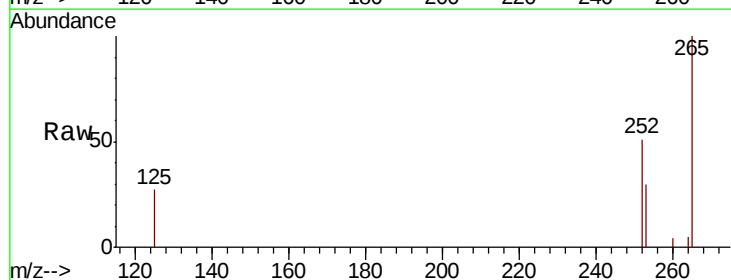
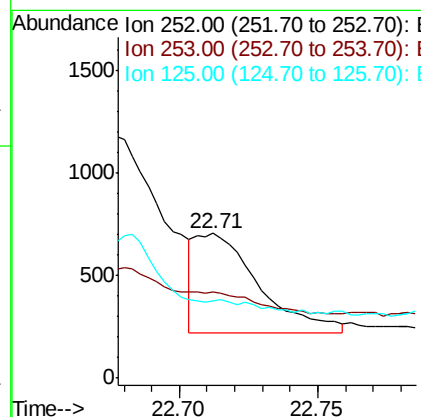
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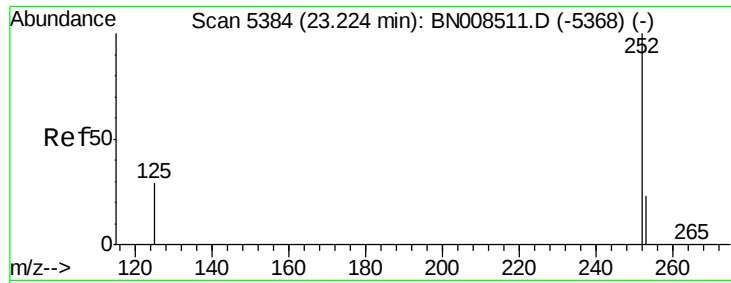
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#22
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 22.71 min Scan# 5209
Delta R.T. -0.01 min
Lab File: BN008513.D
Acq: 08 Nov 2019 17:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	59.3	22.6	34.0#
125	53.5	14.7	22.1#





#23

Benzo(a)pyrene

Concen: 0.040 ng/u1

RT: 23.22 min Scan# 5382

Delta R.T. -0.01 min

Lab File: BN008513.D

Acq: 08 Nov 2019 17:38

Instrument :

BNA_N

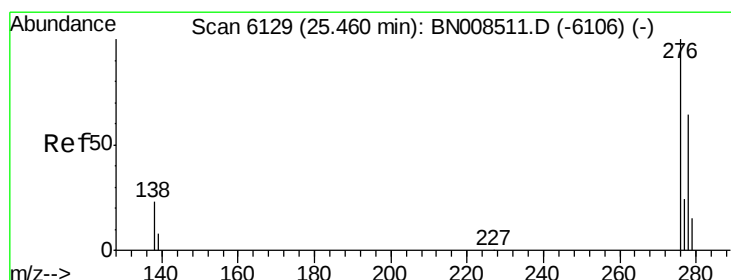
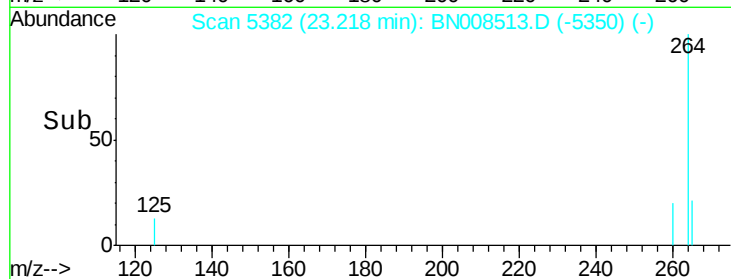
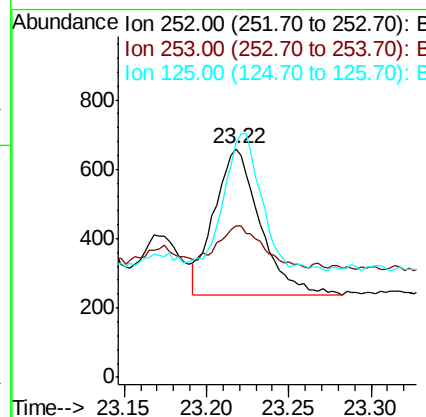
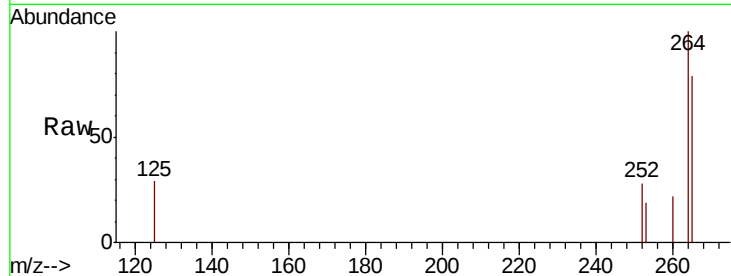
ClientSampleID :

F2J01DL

Tot Ion	Ion	Ratio	Lower	Upper
823	252	100		
	253	66.2	27.2	40.8#
	125	102.7	37.0	55.6#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.023 ng/u1

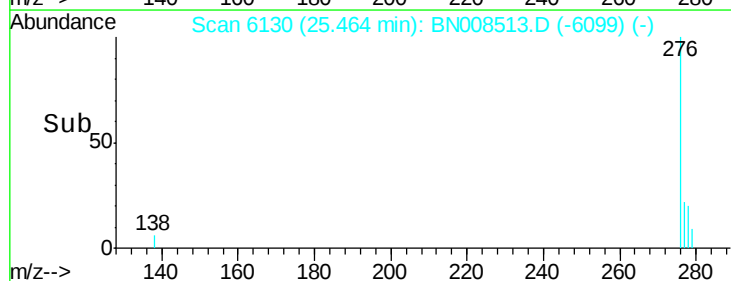
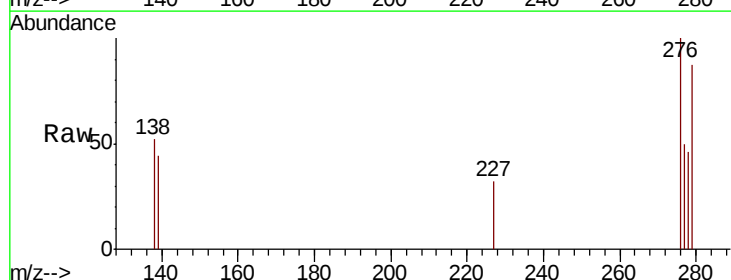
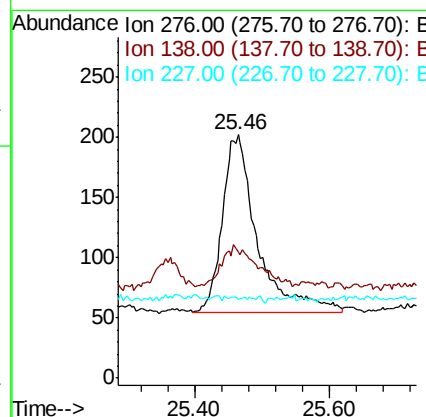
RT: 25.46 min Scan# 6130

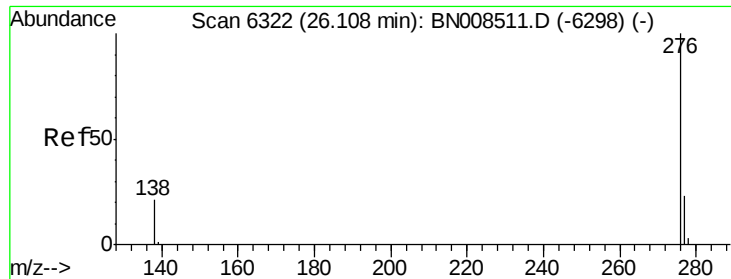
Delta R.T. 0.00 min

Lab File: BN008513.D

Acq: 08 Nov 2019 17:38

Tgt Ion	Ion	Ratio	Lower	Upper
527	276	100		
	138	22.8	18.3	27.5
	227	0.4	0.0	0.0#





#26
Benzo(a,h,i)perylene
Concen: 0.023 ng/ul
RT: 26.10 min Scan# 6321
Delta R.T. -0.00 min
Lab File: BN008513.D
Acq: 08 Nov 2019 17:38

Instrument :
BNA_N
ClientSampleId :
F2J01DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	52.3	20.1	30.1#
277	50.8	20.6	31.0#

Manual Integrations
APPROVED

mohammad
11/11/2019 8:09:14 AM

