

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
 Data File : BN013094.D
 Acq On : 12 Dec 2020 16:45
 Operator : CG/JU
 Sample : L5063-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD8DL

Manual Integrations
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Quant Time: Dec 14 01:11:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 00:25:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	925	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.13	136	3817	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.03	164	2664	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.79	188	4354	0.40	ng/ul	-0.02
16) Chrysene-d12	21.02	240	3689	0.40	ng/ul	-0.01
20) Perylene-d12	23.11	264	3556	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	320	0.06	ng/ul	-0.03
14) Fluoranthene-d10	18.83	212	702	0.06	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	6172	0.559	ng/ul	96
5) 2-Methylnaphthalene	11.80	142	12795	1.764	ng/ul	97
7) Acenaphthylene	13.75	152	956	0.076	ng/ul#	1
8) Acenaphthene	14.09	153	485	0.047	ng/ul#	68
9) Fluorene	15.09	166	1186	0.100	ng/ul#	26
12) Phenanthrene	16.83	178	35464	2.429	ng/ul	96
13) Anthracene	16.92	178	1937	0.156	ng/ul#	64
15) Fluoranthene	18.87	202	12482	0.720	ng/ul	92
17) Pyrene	19.23	202	64409	3.696	ng/ul	99
18) Benzo(a)anthracene	21.00	228	8118	0.532	ng/ul#	18
19) Chrysene	21.05	228	10063	0.597	ng/ul#	61
21) Benzo(b)fluoranthene	22.50	252	9139m	0.556	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	1643m	0.090	ng/ul	
23) Benzo(a)pyrene	23.02	252	6785	0.444	ng/ul#	29
24) Indeno(1,2,3-cd)pyrene	25.16	276	3224	0.161	ng/ul#	80
25) Dibenzo(a,h)anthracene	25.15	278	1417	0.089	ng/ul#	1
26) Benzo(a,h,i)perylene	25.79	276	5739	0.316	ng/ul#	58

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

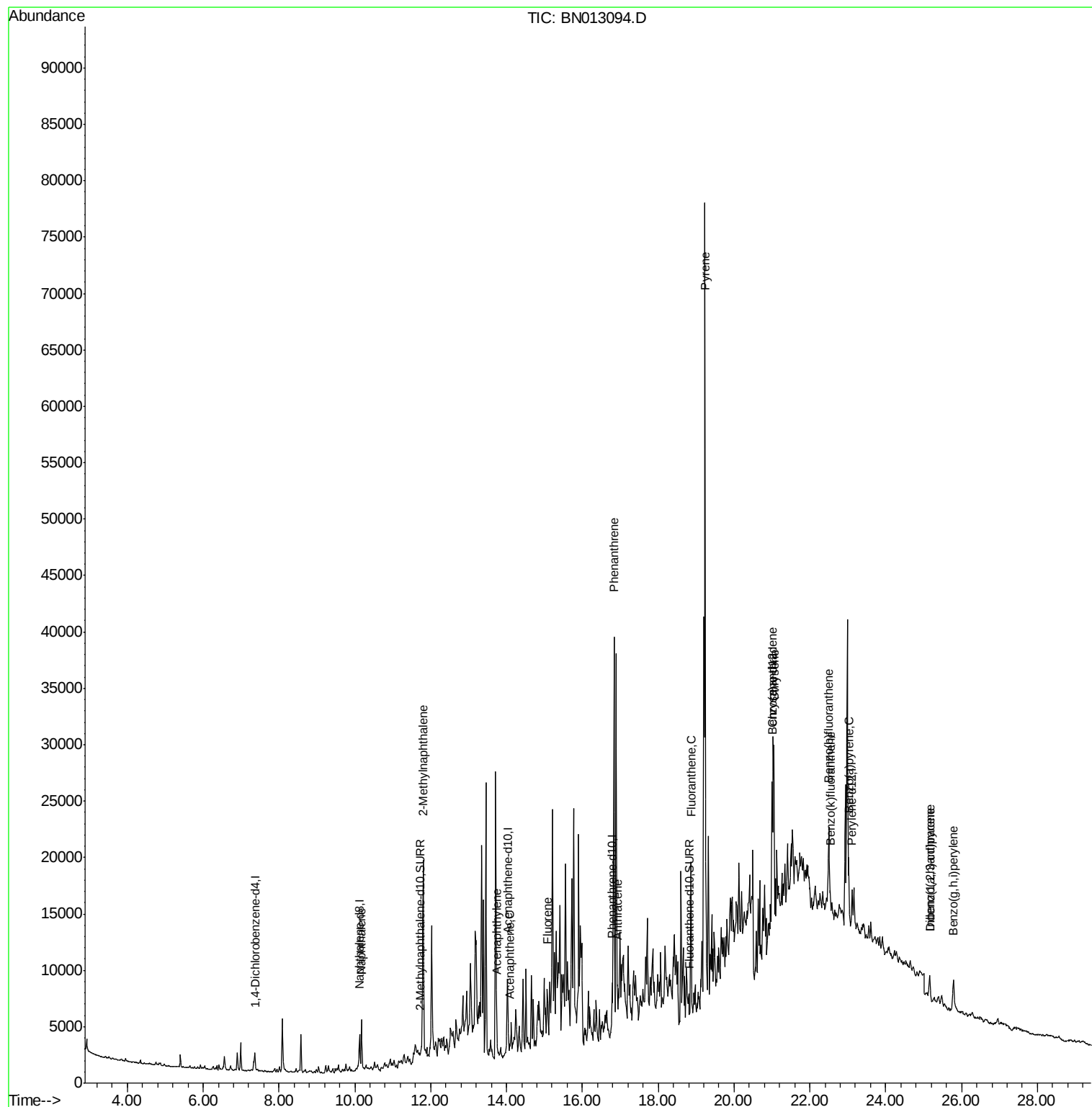
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
Data File : BN013094.D
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ALS Vial : 5 Sample Multiplier: 1

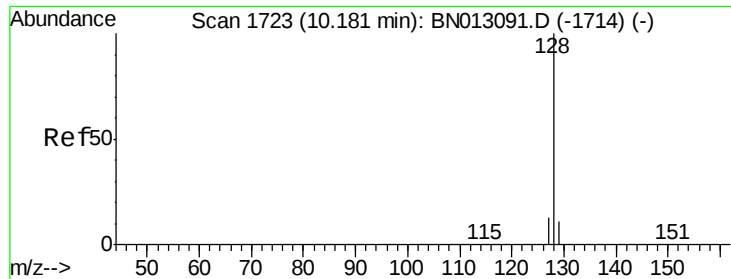
Instrument :
BNA_N
ClientSampleId :
C0AD8DL

Quant Time: Dec 14 01:11:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 00:25:18 2020
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.559 ng/ul

RT: 10.17 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BN013094.D

Acq: 12 Dec 2020 16:45

Instrument :

BNA_N

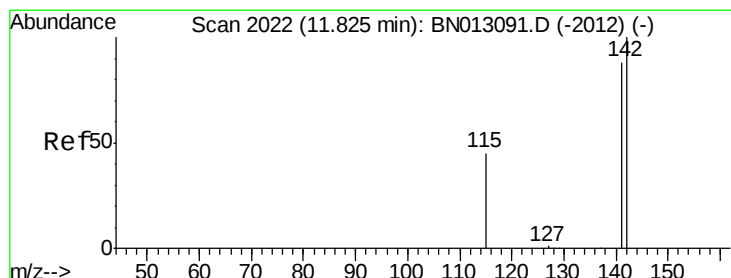
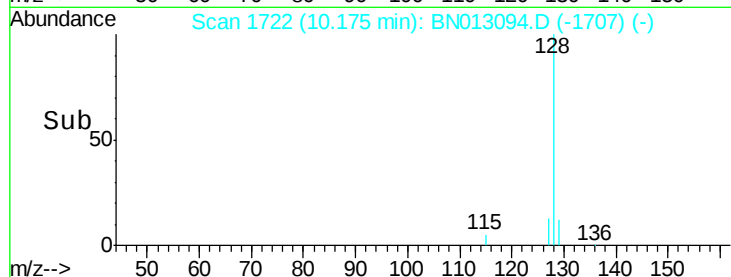
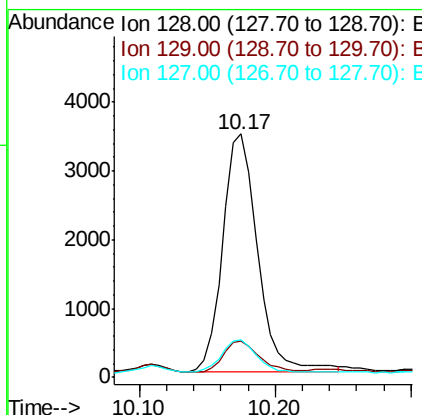
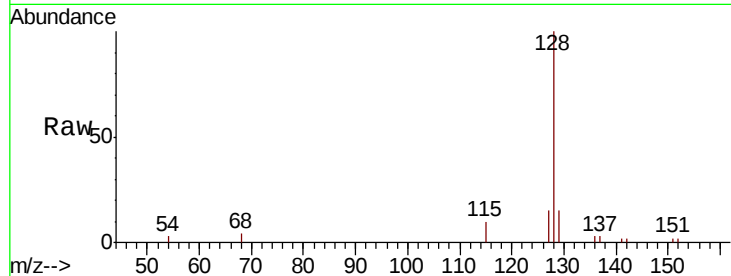
ClientSampleId :

C0AD8DL

Tot Ion:128	Resp:	6172
Ion Ratio	Lower	Upper
128	100	
129	14.6	12.3 18.5
127	15.3	14.2 21.4

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#5

2-Methylnaphthalene

Concen: 1.764 ng/ul

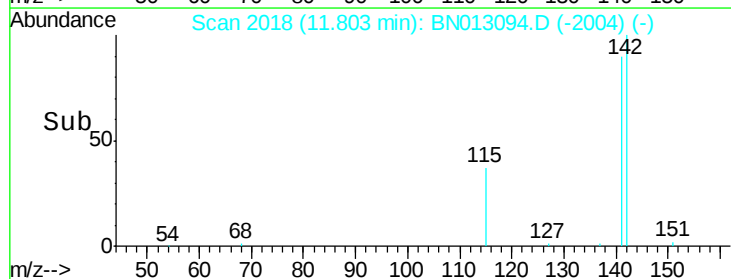
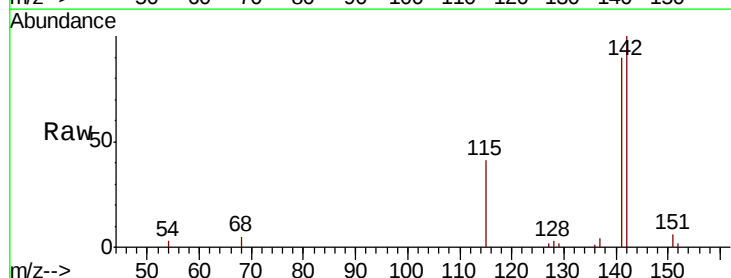
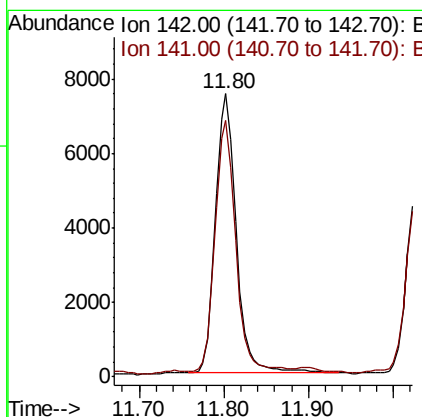
RT: 11.80 min Scan# 2018

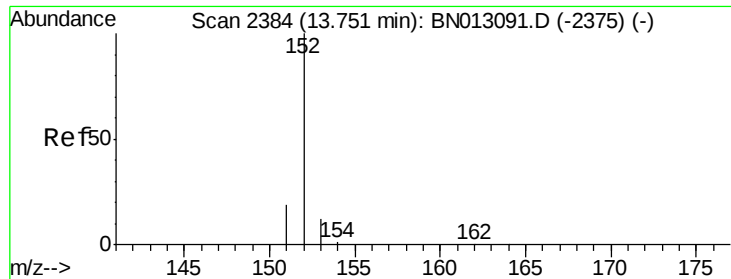
Delta R.T. -0.02 min

Lab File: BN013094.D

Acq: 12 Dec 2020 16:45

Tgt Ion:142	Resp:	12795
Ion Ratio	Lower	Upper
142	100	
141	88.0	73.0 109.6





#7

Acenaphthylene

Concen: 0.076 ng/ul

RT: 13.75 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BN013094.D

Acq: 12 Dec 2020 16:45

Instrument :

BNA_N

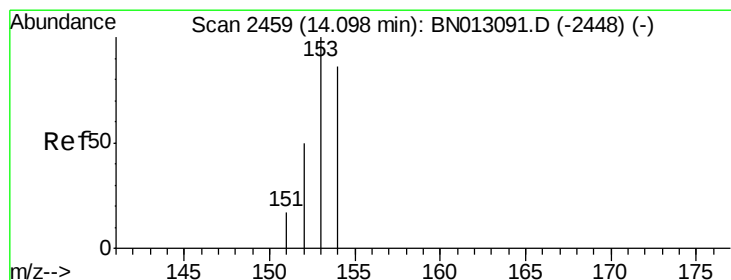
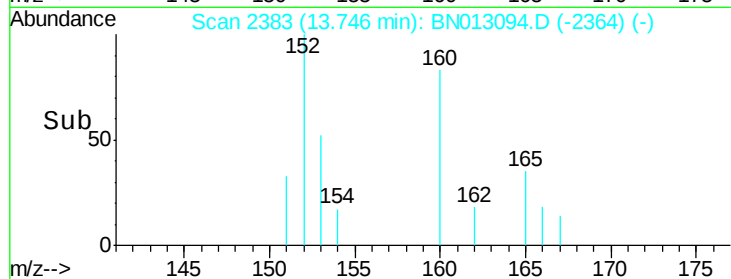
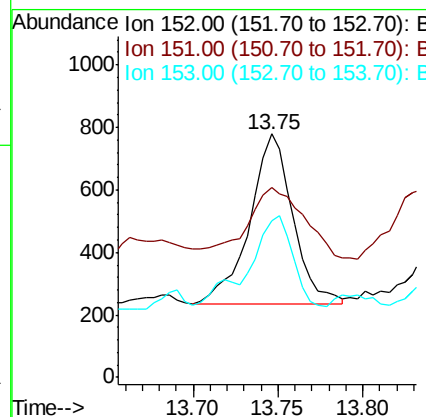
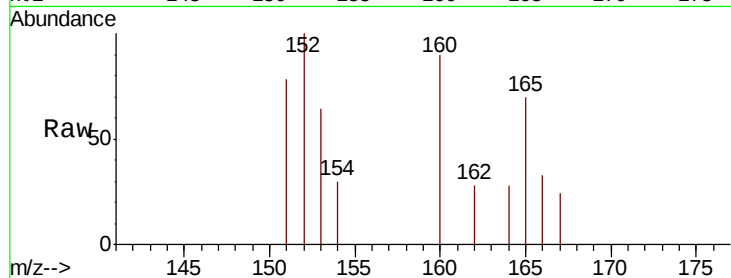
ClientSampleId :

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Tot Ion:	152	Resp:	956
Ion Ratio	Lower	Upper	
152	100		
151	77.8	18.2	27.4#
153	64.4	13.1	19.7#

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#8

Acenaphthene

Concen: 0.047 ng/ul

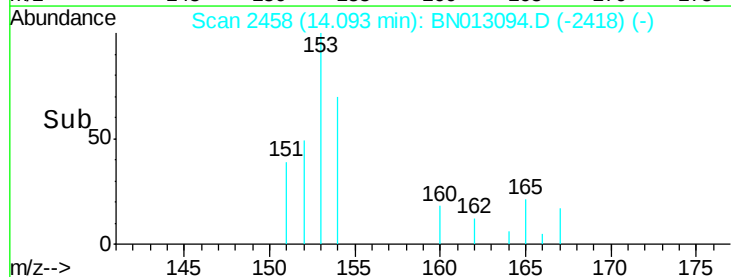
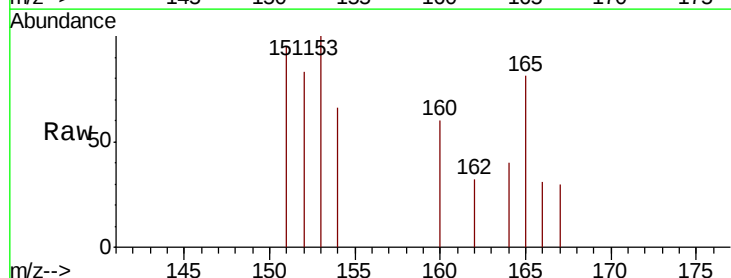
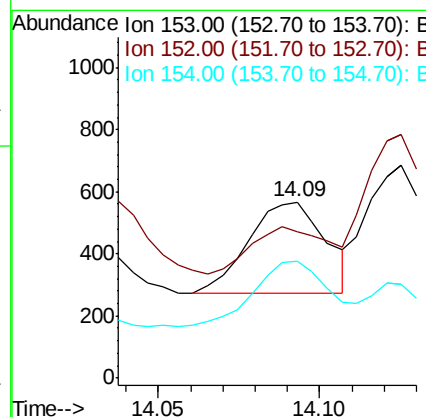
RT: 14.09 min Scan# 2458

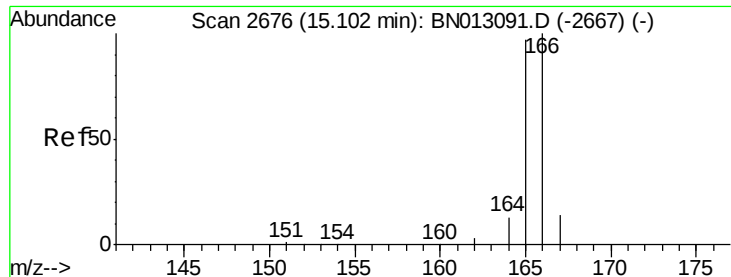
Delta R.T. -0.01 min

Lab File: BN013094.D

Acq: 12 Dec 2020 16:45

Tgt Ion:	153	Resp:	485
Ion Ratio	Lower	Upper	
153	100		
152	82.9	40.7	61.1#
154	66.4	70.8	106.2#





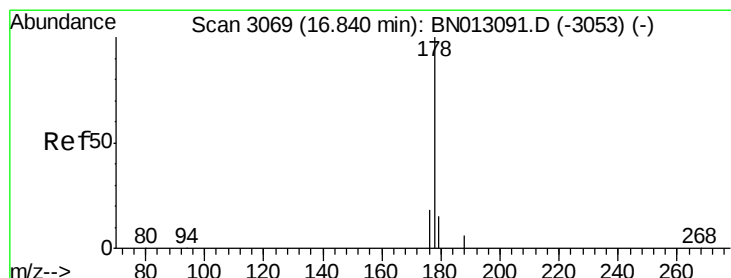
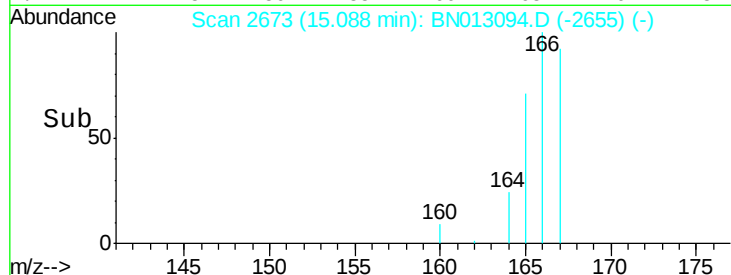
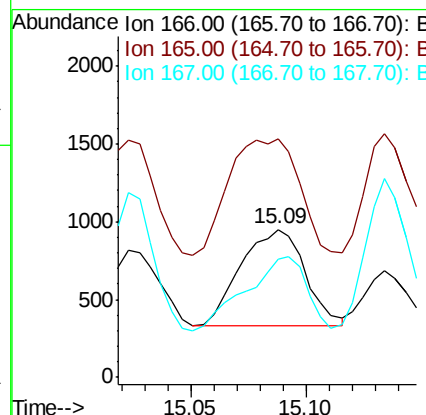
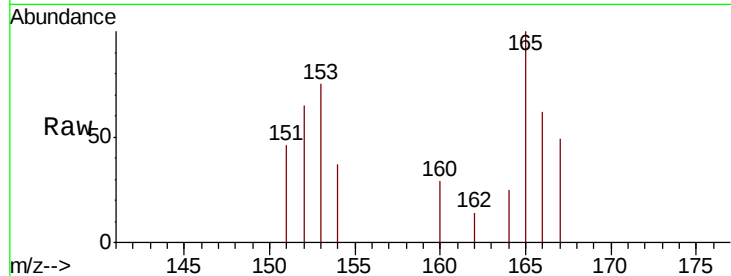
#9
Fluorene
 Concen: 0.100 ng/ul
 RT: 15.09 min Scan# 2673
 Delta R.T. -0.02 min
 Lab File: BN013094.D
 Acq: 12 Dec 2020 16:45

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	161.5	79.8	119.8#
167	79.9	13.8	20.8#

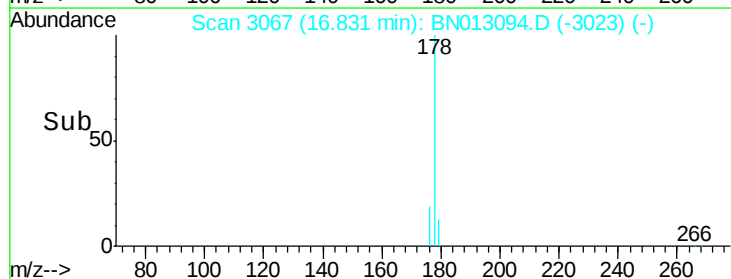
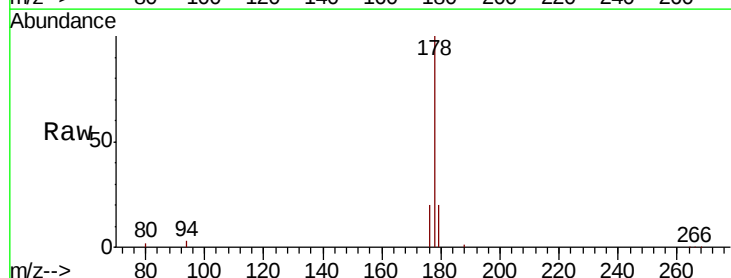
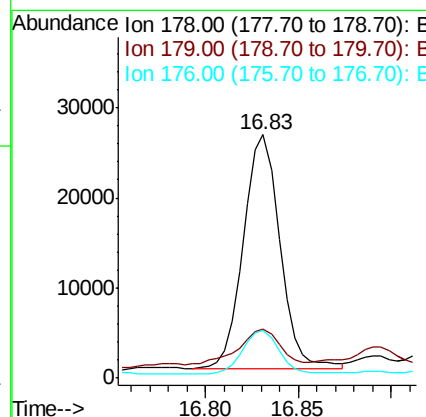
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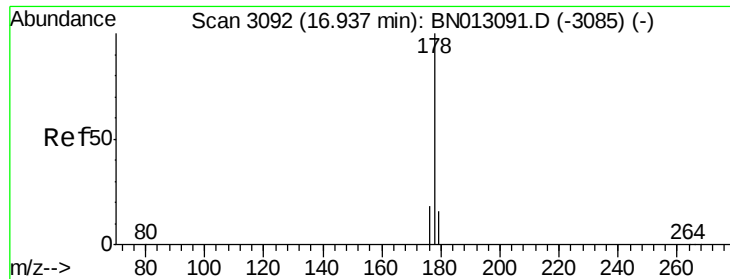
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#12
Phenanthrene
 Concen: 2.429 ng/ul
 RT: 16.83 min Scan# 3067
 Delta R.T. -0.01 min
 Lab File: BN013094.D
 Acq: 12 Dec 2020 16:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.0	13.6	20.4
176	19.6	16.4	24.6





#13

Anthracene

Concen: 0.156 ng/ul

RT: 16.92 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BN013094.D

Acq: 12 Dec 2020 16:45

Instrument :

BNA_N

ClientSampleId :

C0AD8DL

Tot Ion:178 Resp: 1937

Ion Ratio Lower Upper

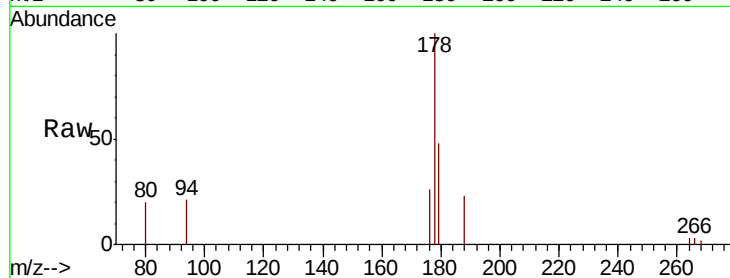
178 100

179 48.3 14.6 21.8#

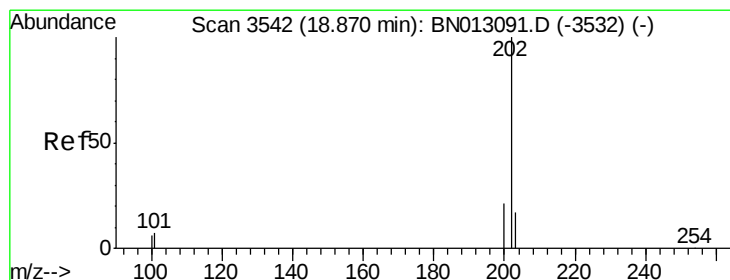
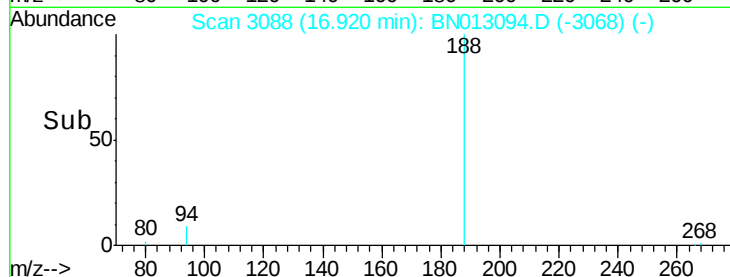
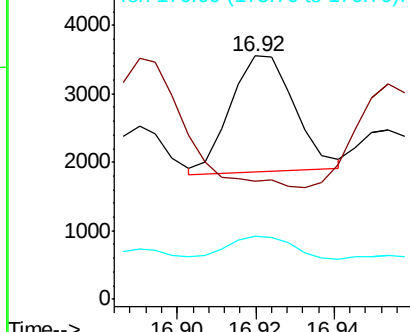
176 25.8 17.1 25.7#

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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



#15

Fluoranthene

Concen: 0.720 ng/ul

RT: 18.87 min Scan# 3541

Delta R.T. -0.01 min

Lab File: BN013094.D

Acq: 12 Dec 2020 16:45

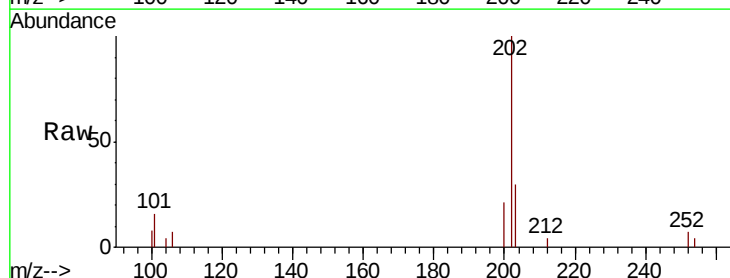
Tgt Ion:202 Resp: 12482

Ion Ratio Lower Upper

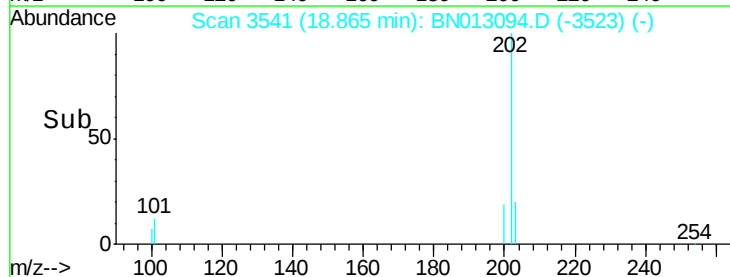
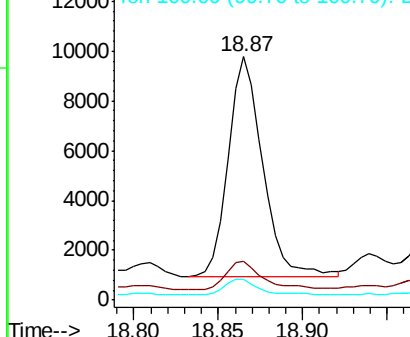
202 100

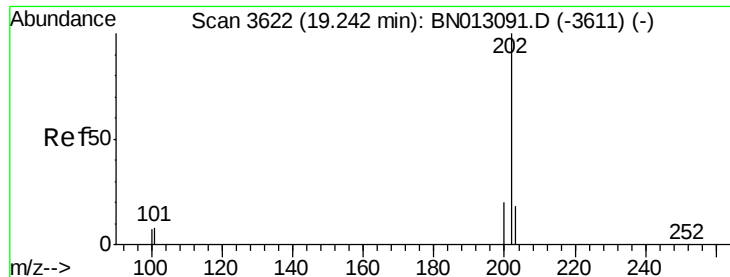
101 15.7 0.0 30.6

100 8.5 0.0 28.7



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





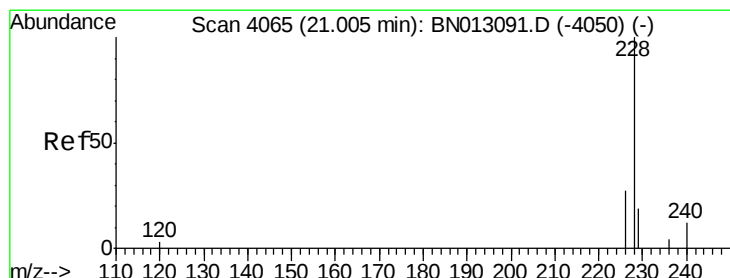
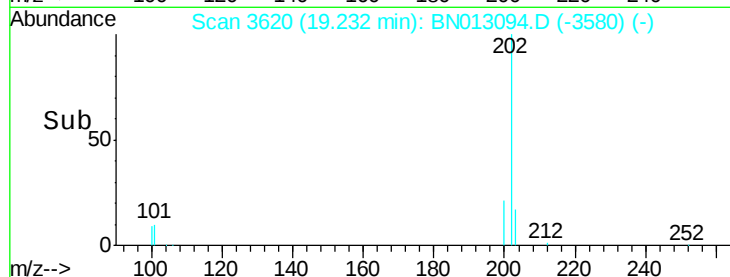
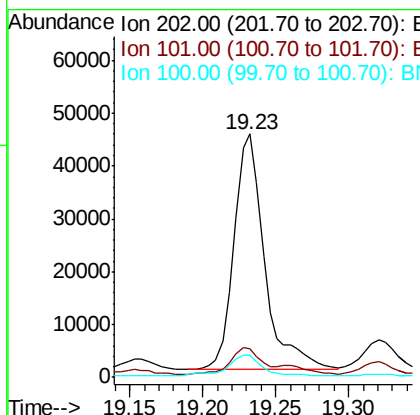
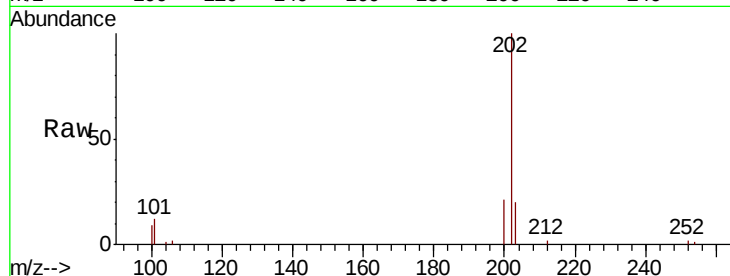
#17
Pvrene
Concen: 3.696 ng/ul
RT: 19.23 min Scan# 3620
Delta R.T. -0.01 min
Lab File: BN013094.D
Acq: 12 Dec 2020 16:45

Instrument :
BNA_N
ClientSampleId :
C0AD8DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
100	8.9	7.5	11.3

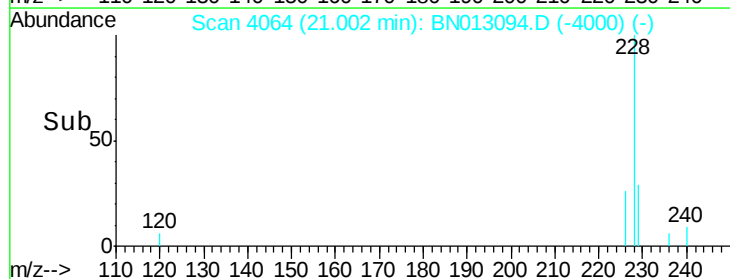
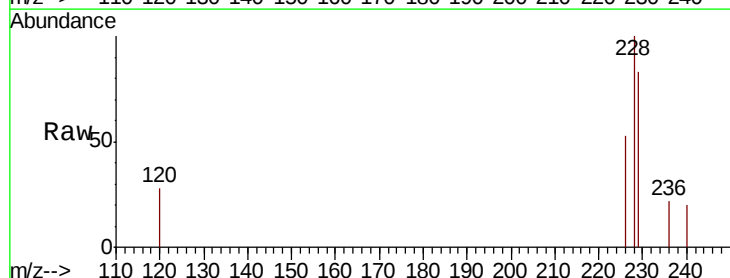
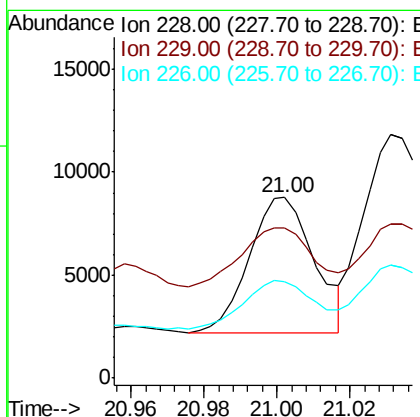
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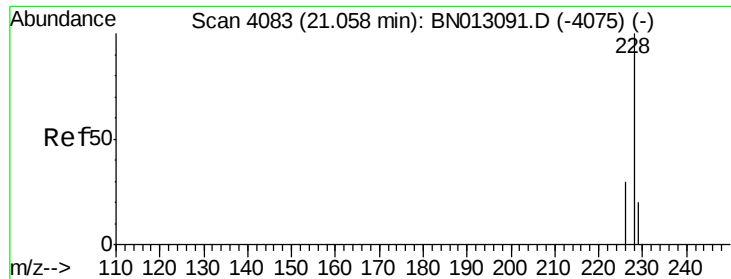
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#18
Benzo(a)anthracene
Concen: 0.532 ng/ul
RT: 21.00 min Scan# 4064
Delta R.T. -0.01 min
Lab File: BN013094.D
Acq: 12 Dec 2020 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	82.8	16.3	24.5#
226	53.5	23.4	35.2#





#19

Chrysene

Concen: 0.597 ng/ul

RT: 21.05 min Scan# 4081

Delta R.T. -0.01 min

Lab File: BN013094.D

Acq: 12 Dec 2020 16:45

Instrument :

BNA_N

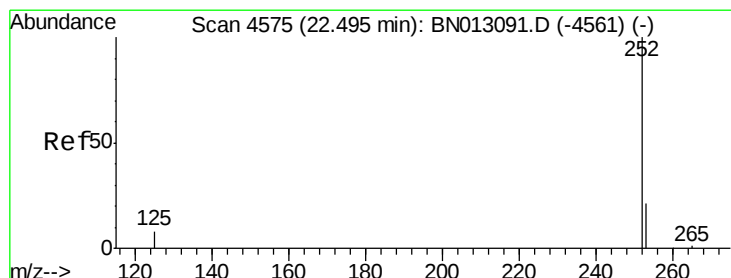
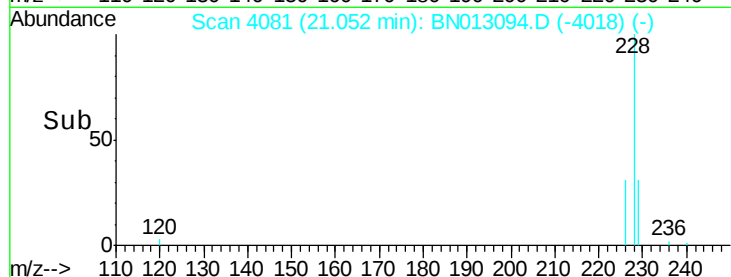
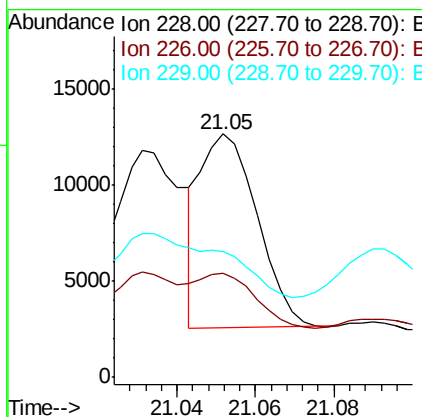
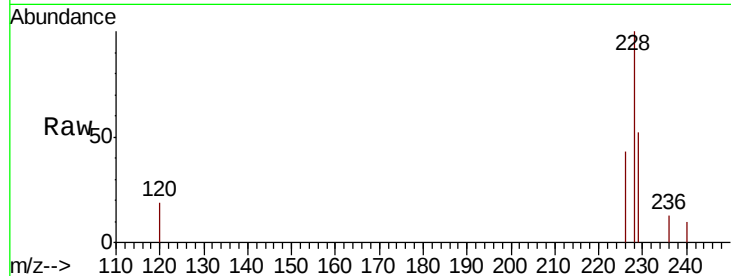
ClientSampleId :

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Tot Ion:	228	Resp:	10063
Ion Ratio	Lower	Upper	
228	100		
226	42.7	25.0	37.6#
229	51.8	16.4	24.6#

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#21

Benzo(b)fluoranthene

Concen: 0.556 ng/ul m

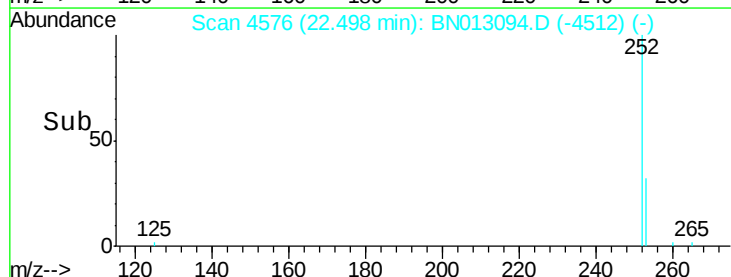
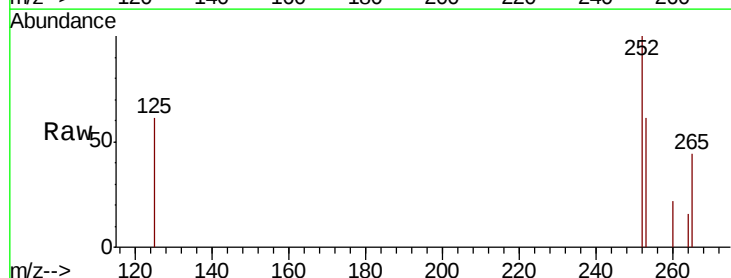
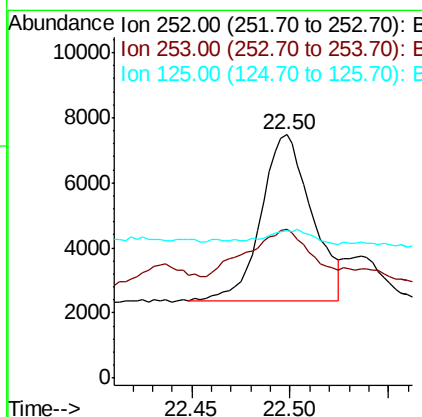
RT: 22.50 min Scan# 4576

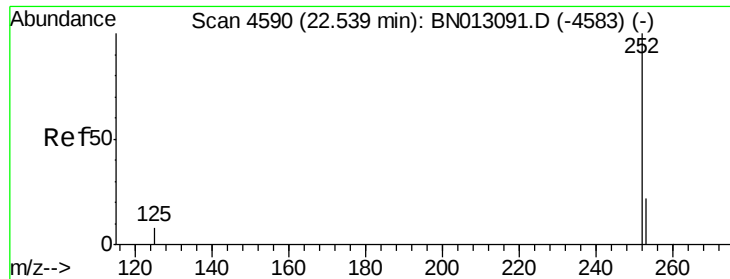
Delta R.T. -0.01 min

Lab File: BN013094.D

Acq: 12 Dec 2020 16:45

Tgt Ion:	252	Resp:	9139
Ion Ratio	Lower	Upper	
252	100		
253	60.9	0.0	59.6#
125	60.7	0.0	26.0#





#22

Benzo(k)fluoranthene

Concen: 0.090 ng/ul

RT: 22.54 min Scan# 4589

Delta R.T. -0.01 min

Lab File: BN013094.D

Acq: 12 Dec 2020 16:45

Instrument :

BNA_N

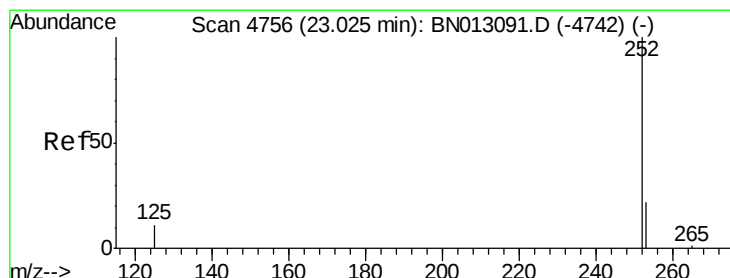
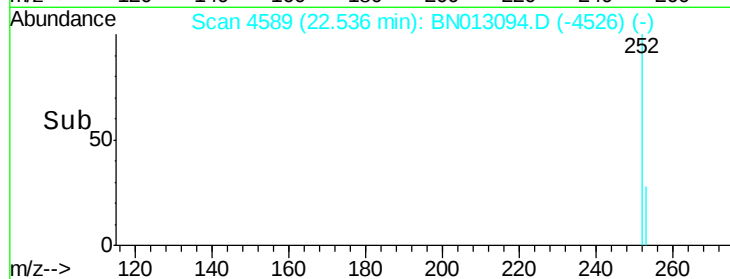
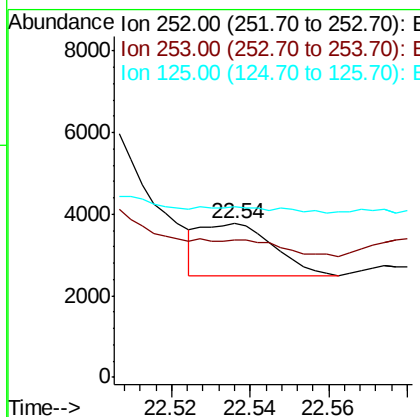
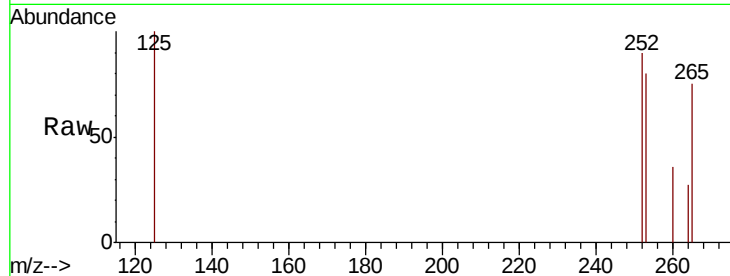
ClientSampleId :

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Tot Ion:	252	Resp:	1643
Ion Ratio	Lower	Upper	
252	100		
253	89.3	23.4	35.2#
125	111.5	11.1	16.7#

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#23

Benzo(a)pyrene

Concen: 0.444 ng/ul

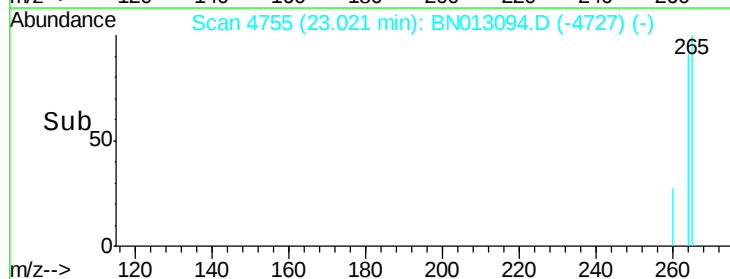
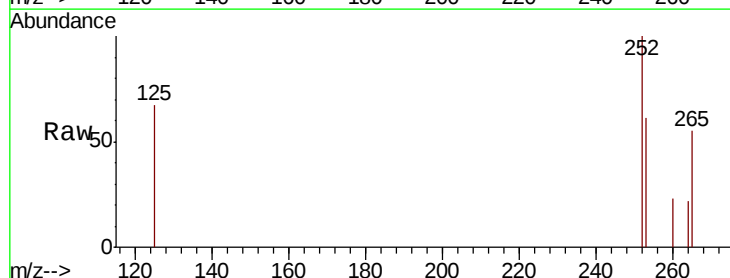
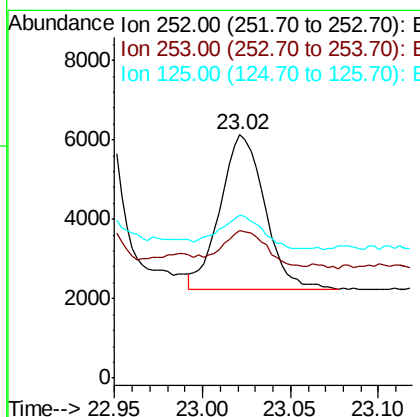
RT: 23.02 min Scan# 4755

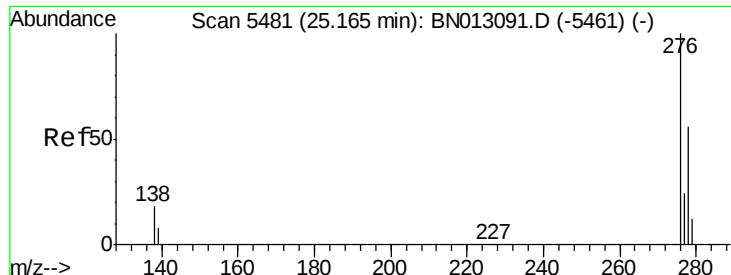
Delta R.T. -0.02 min

Lab File: BN013094.D

Acq: 12 Dec 2020 16:45

Tgt Ion:	252	Resp:	6785
Ion Ratio	Lower	Upper	
252	100		
253	60.7	26.5	39.7#
125	66.8	14.2	21.2#





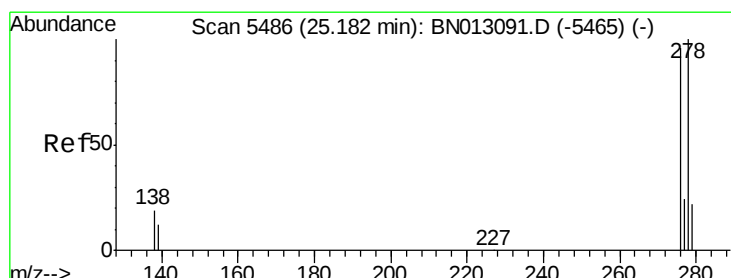
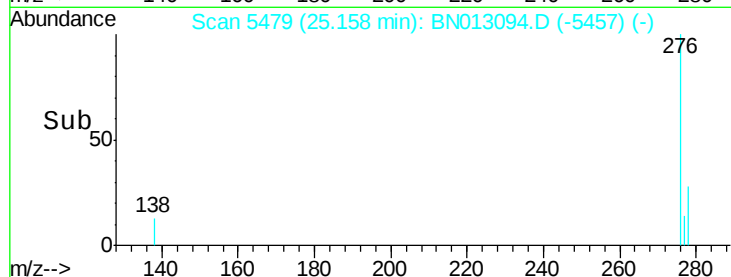
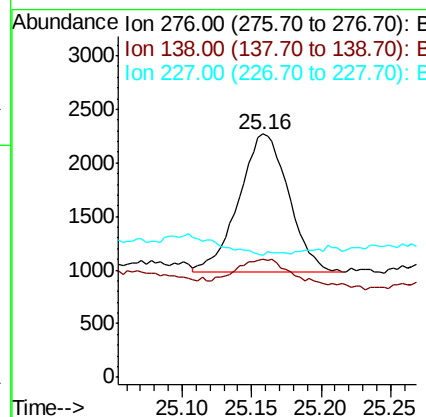
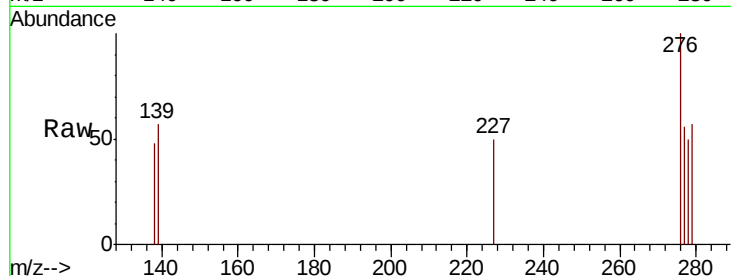
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.161 ng/uL
RT: 25.16 min Scan# 5479
Delta R.T. -0.03 min
Lab File: BN013094.D
Acq: 12 Dec 2020 16:45

Instrument :
BNA_N
ClientSampleID :
C0AD8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	16.2	24.2#
227	1.0	0.0	0.0#

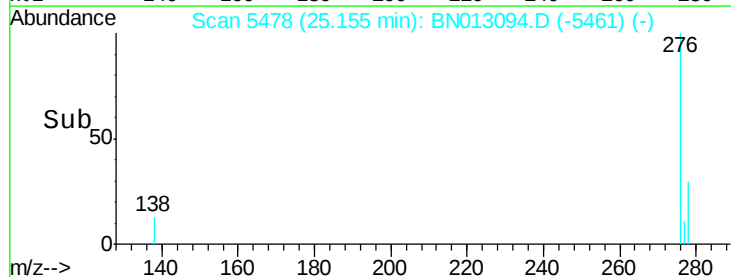
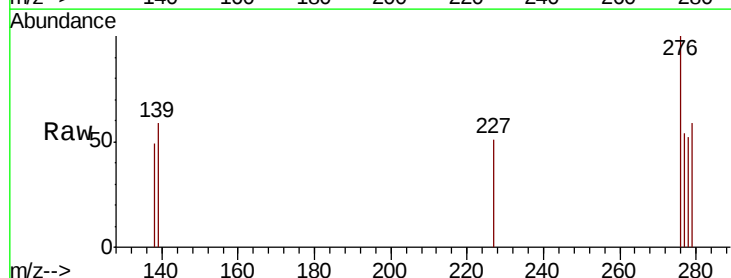
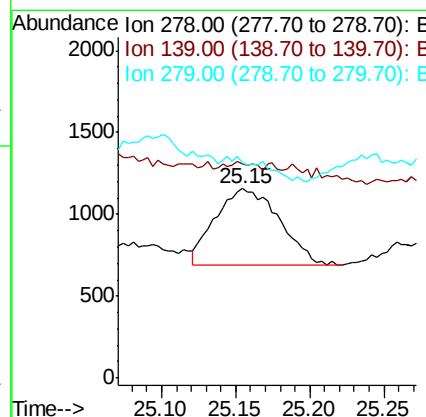
Manual Integrations
APPROVED

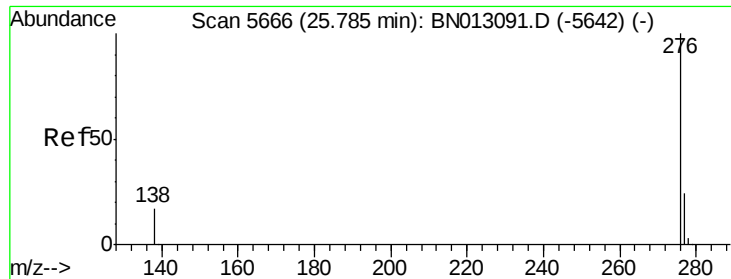
mohammad
12/15/2020 12:17:03 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.089 ng/uL
RT: 25.15 min Scan# 5478
Delta R.T. -0.04 min
Lab File: BN013094.D
Acq: 12 Dec 2020 16:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	113.2	14.5	21.7#
279	113.5	26.3	39.5#





#26

Benzo(a,h,i)perylene

Concen: 0.316 ng/ul

RT: 25.79 min Scan# 5667

Delta R.T. -0.02 min

Lab File: BN013094.D

Acq: 12 Dec 2020 16:45

Instrument :

BNA_N

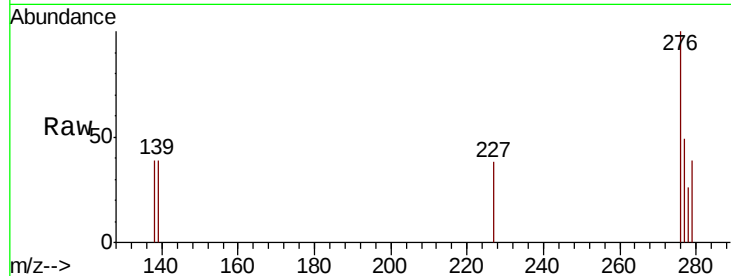
ClientSampleId :

C0AD8DL

Tot Ion:	276	Resp:	5739
Ion Ratio	Lower	Upper	
276	100		
138	39.2	16.3	24.5#
277	49.2	21.8	32.6#

Manual Integrations
APPROVED

mohammad
12/15/2020 12:17:03 PM



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

