

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121920\
 Data File : BN013227.D
 Acq On : 19 Dec 2020 15:21
 Operator : CG/JU
 Sample : L5151-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE6

Manual Integrations
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Quant Time: Dec 21 01:19:17 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 21 00:52:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	683	0.40	ng/ul	0.00
2) Naphthalene-d8	10.09	136	2666	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.00	164	1451	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.76	188	2997	0.40	ng/ul	-0.02
16) Chrysene-d12	20.99	240	2447	0.40	ng/ul	-0.01
20) Perylene-d12	23.07	264	2554	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.69	152	699	0.18	ng/ul	-0.03
14) Fluoranthene-d10	18.80	212	1564	0.19	ng/ul	-0.01
Target Compounds						Ovalue
3) Naphthalene	10.14	128	15395	1.996	ng/ul#	91
5) 2-Methylnaphthalene	11.77	142	13801	2.723	ng/ul	99
7) Acenaphthylene	13.71	152	4527	0.659	ng/ul	96
8) Acenaphthene	14.06	153	1472	0.261	ng/ul	95
9) Fluorene	15.06	166	2295	0.355	ng/ul#	93
12) Phenanthrene	16.80	178	90665	9.023	ng/ul	96
13) Anthracene	16.89	178	19592	2.291	ng/ul	95
15) Fluoranthene	18.84	202	308083	25.801	ng/ul	96
17) Pyrene	19.20	202	247475	21.411	ng/ul	99
18) Benzo(a)anthracene	20.97	228	160700	15.873	ng/ul	99
19) Chrysene	21.03	228	168084	15.026	ng/ul	98
21) Benzo(b)fluoranthene	22.46	252	275801m	23.342	ng/ul	
22) Benzo(k)fluoranthene	22.50	252	104023m	7.965	ng/ul	
23) Benzo(a)pyrene	22.98	252	191001m	17.422	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.10	276	164472	11.421	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.11	278	38272	3.360	ng/ul	92
26) Benzo(a,h,i)perylene	25.72	276	137102	10.525	ng/ul	95

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

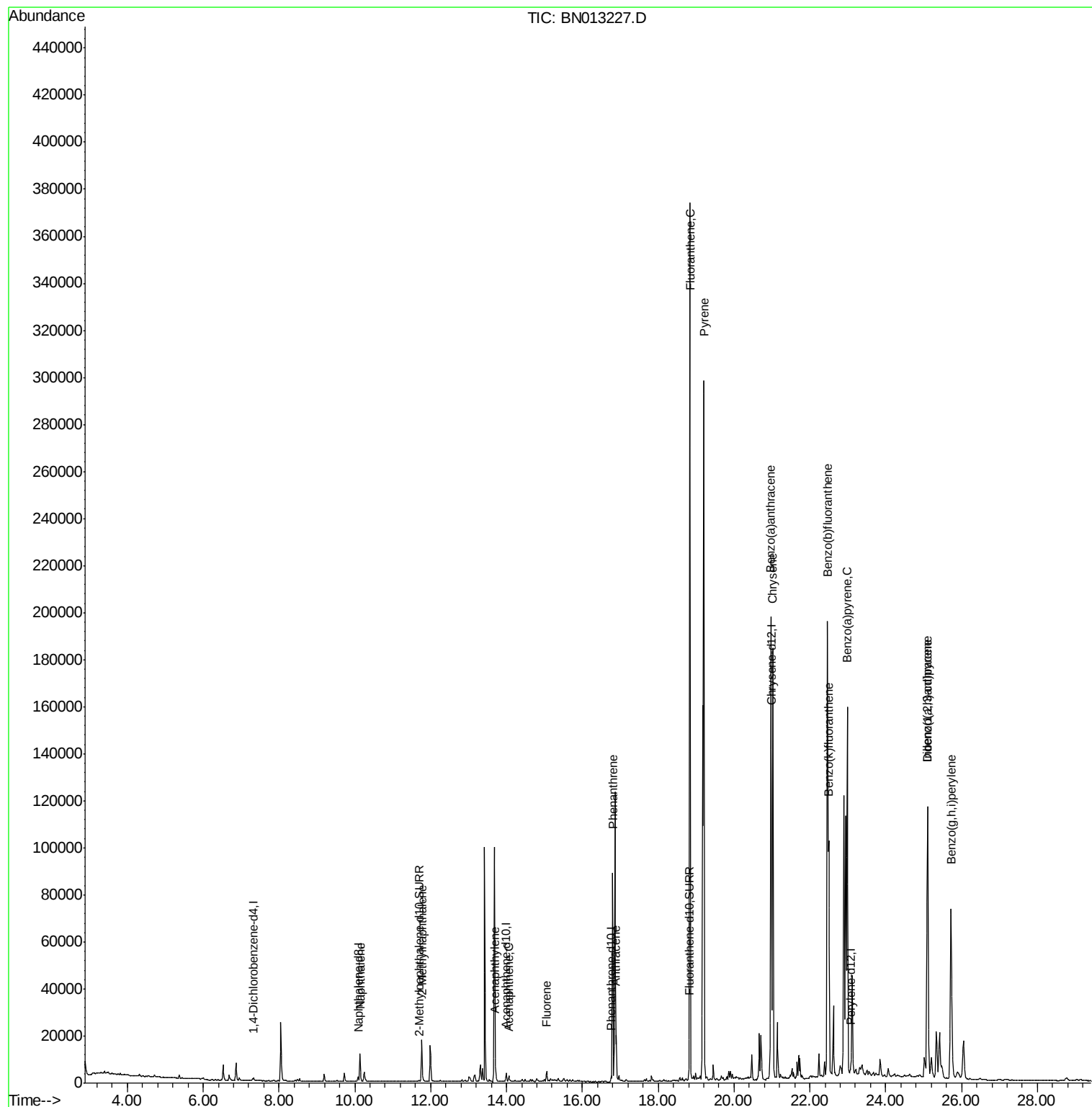
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121920\
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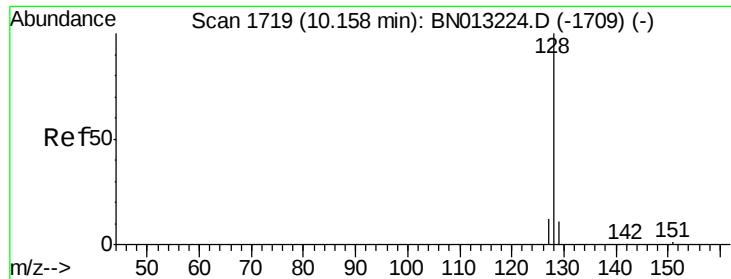
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Quant Time: Dec 21 01:19:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 21 00:52:14 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.996 ng/ul

RT: 10.14 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BN013227.D

Acq: 19 Dec 2020 15:21

Instrument :

BNA_N

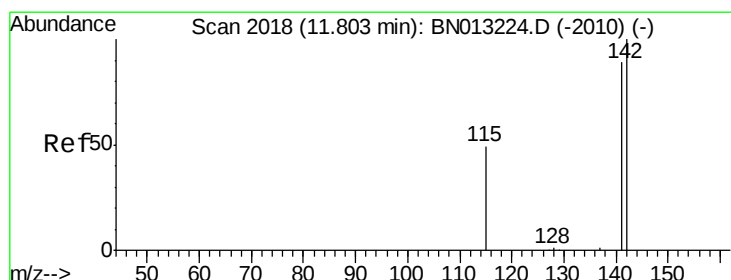
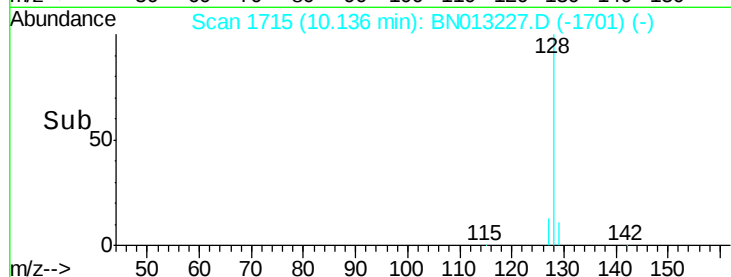
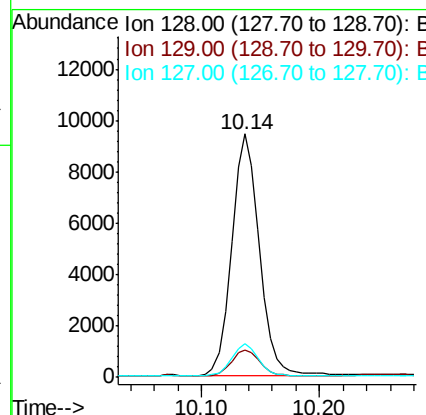
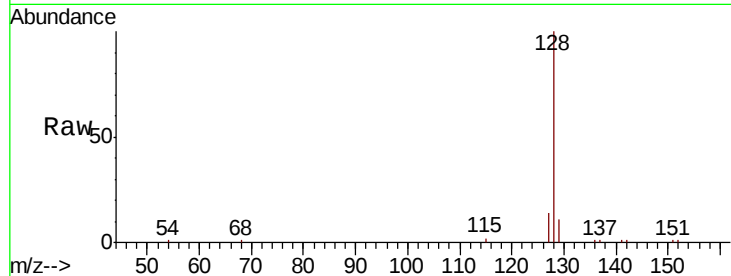
ClientSampleId :

C0AE6

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	12.3	18.5#
127	13.7	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 2.723 ng/ul

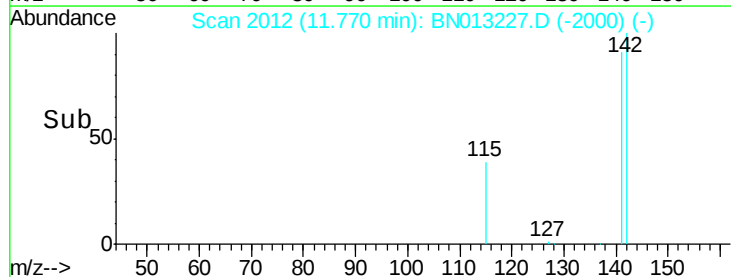
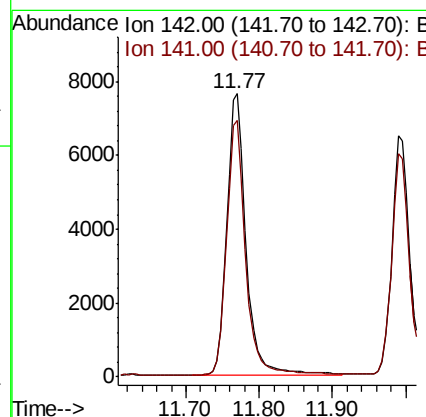
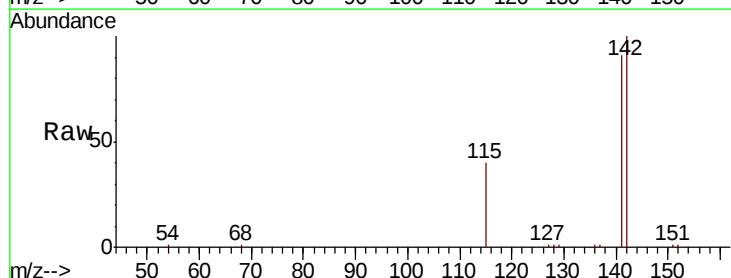
RT: 11.77 min Scan# 2012

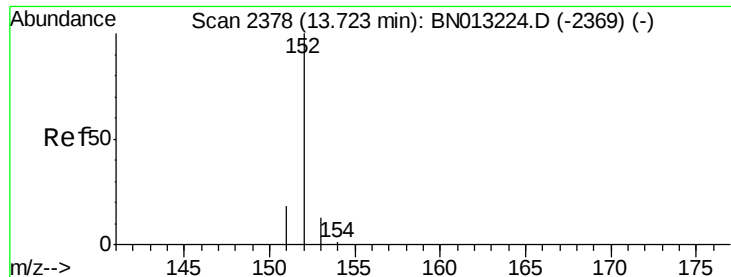
Delta R.T. -0.03 min

Lab File: BN013227.D

Acq: 19 Dec 2020 15:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.0	109.6





#7

Acenaphthylene

Concen: 0.659 ng/ul

RT: 13.71 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BN013227.D

Acq: 19 Dec 2020 15:21

Instrument :

BNA_N

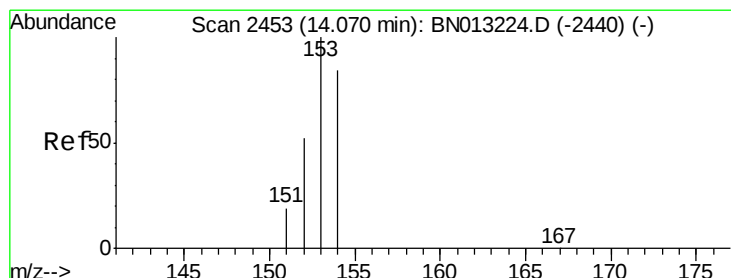
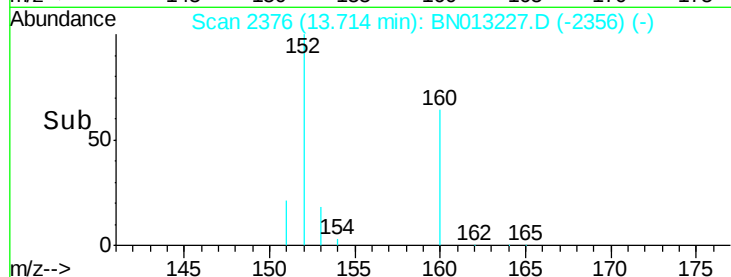
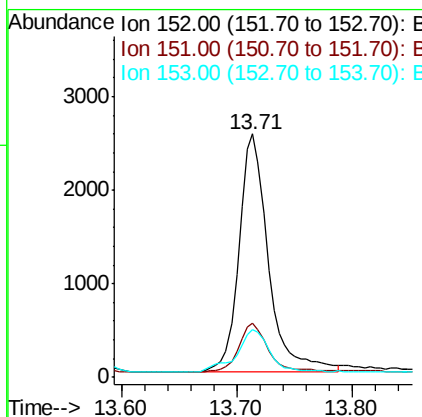
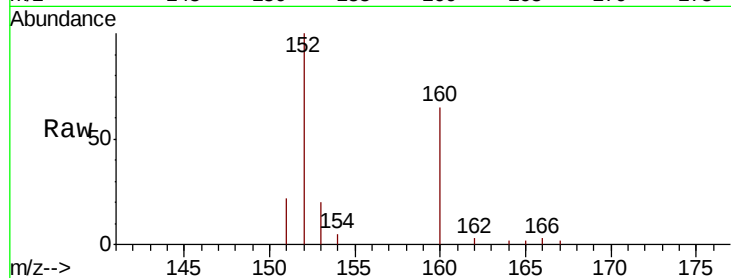
ClientSampleId :

C0AE6

Tot Ion:	152	Resp:	4527
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.2	27.4
153	19.7	13.1	19.7

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#8

Acenaphthene

Concen: 0.261 ng/ul

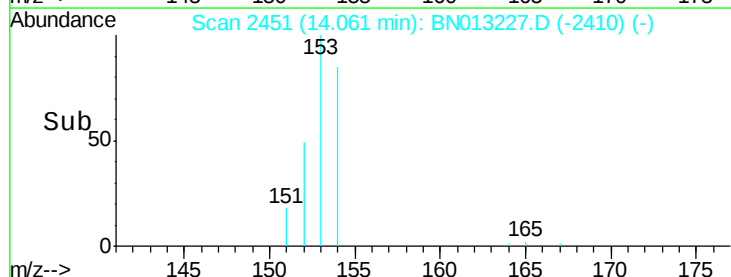
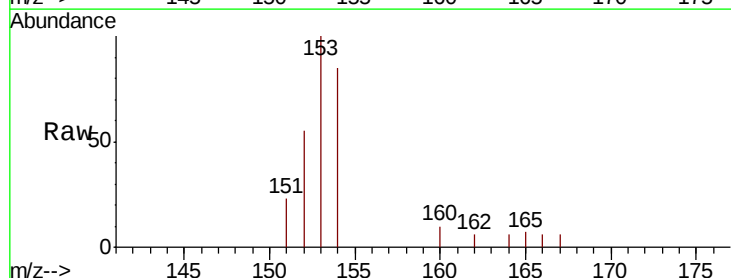
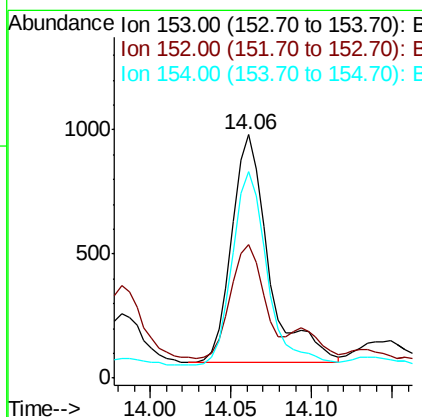
RT: 14.06 min Scan# 2451

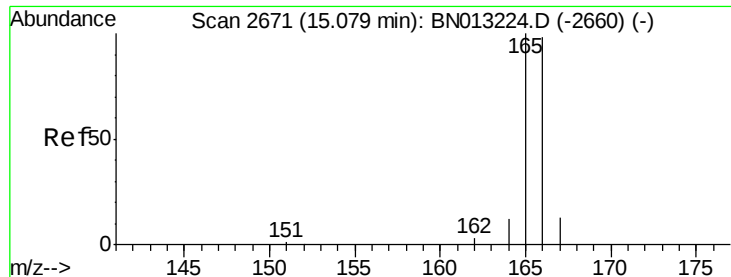
Delta R.T. -0.01 min

Lab File: BN013227.D

Acq: 19 Dec 2020 15:21

Tgt Ion:	153	Resp:	1472
Ion Ratio	Lower	Upper	
153	100		
152	54.7	40.7	61.1
154	84.7	70.8	106.2





#9

Fluorene

Concen: 0.355 ng/ul

RT: 15.06 min Scan# 2667

Delta R.T. -0.02 min

Lab File: BN013227.D

Acq: 19 Dec 2020 15:21

Instrument :

BNA_N

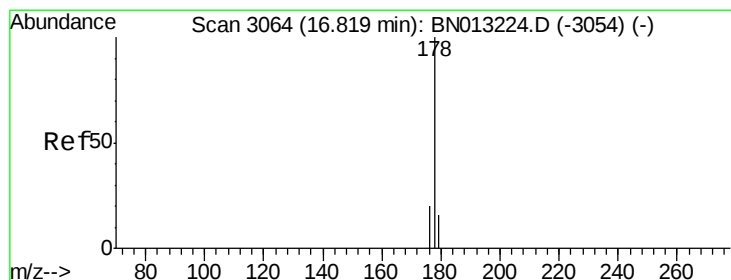
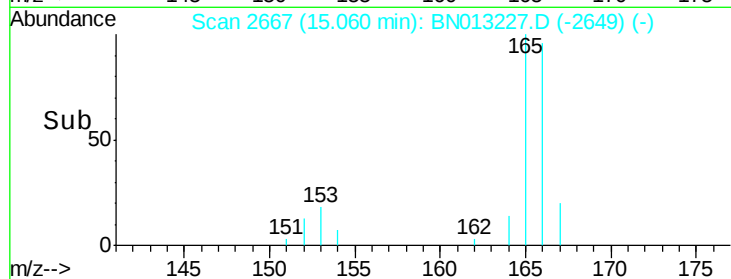
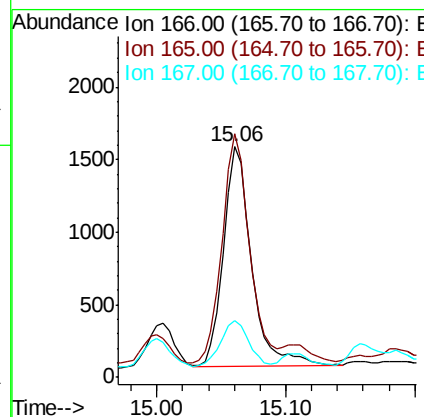
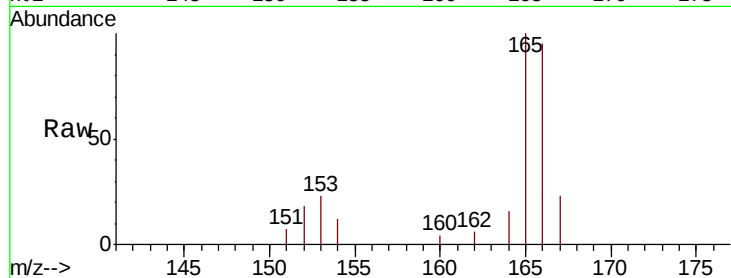
ClientSampleId :

C0AE6

Tot Ion:	166	Resp:	2295
Ion Ratio	Lower	Upper	
166	100		
165	105.7	79.8	119.8
167	24.5	13.8	20.8

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#12

Phenanthrene

Concen: 9.023 ng/ul

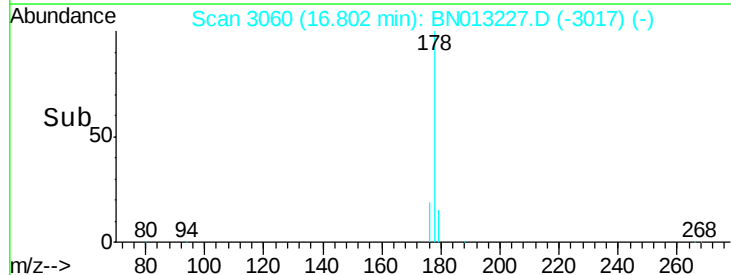
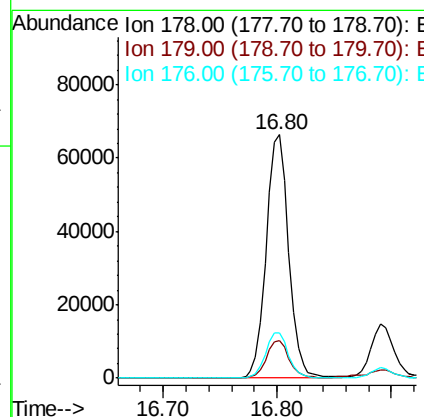
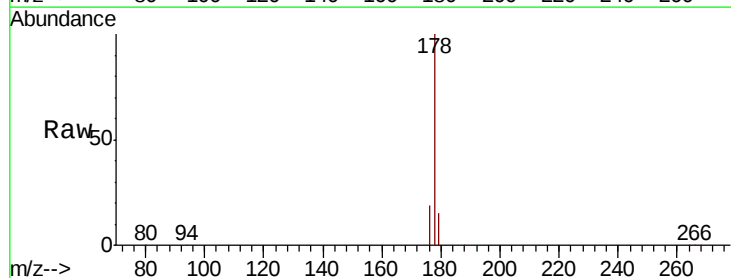
RT: 16.80 min Scan# 3060

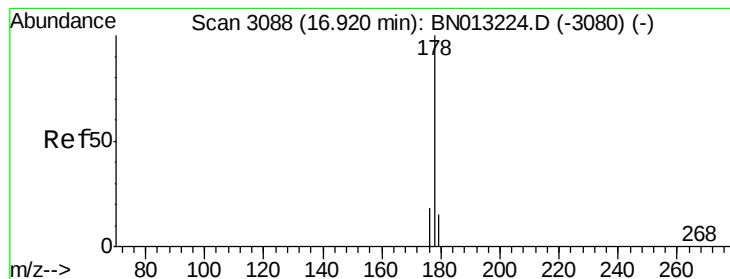
Delta R.T. -0.02 min

Lab File: BN013227.D

Acq: 19 Dec 2020 15:21

Tgt Ion:	178	Resp:	90665
Ion Ratio	Lower	Upper	
178	100		
179	15.2	13.6	20.4
176	18.7	16.4	24.6





#13

Anthracene

Concen: 2.291 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. -0.03 min

Lab File: BN013227.D

Acq: 19 Dec 2020 15:21

Instrument :

BNA_N

ClientSampleId :

C0AE6

Tot Ion:178 Resp: 19592

Ion Ratio Lower Upper

178 100

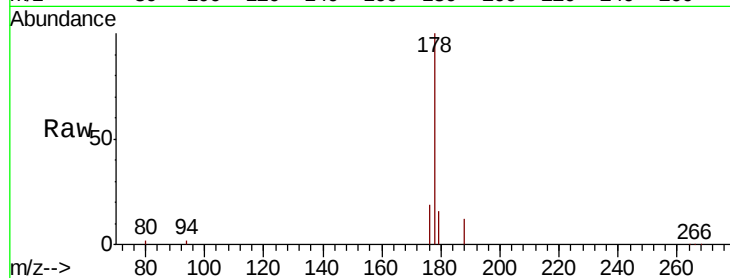
179 16.0 14.6 21.8

176 18.9 17.1 25.7

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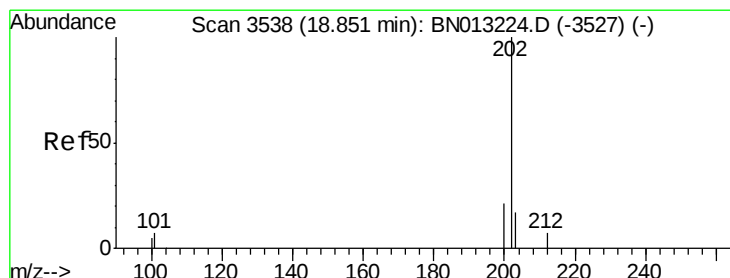
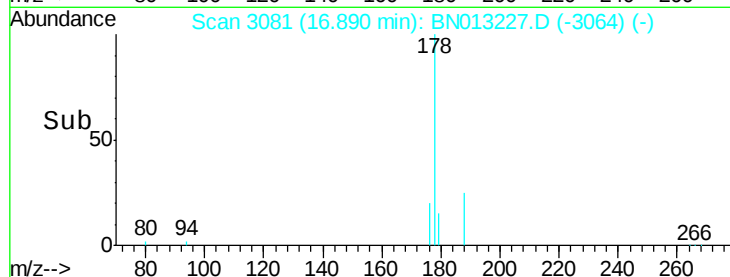
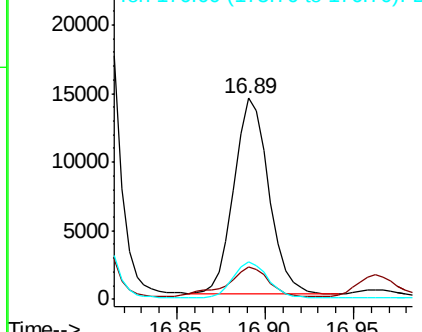
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 25.801 ng/ul

RT: 18.84 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BN013227.D

Acq: 19 Dec 2020 15:21

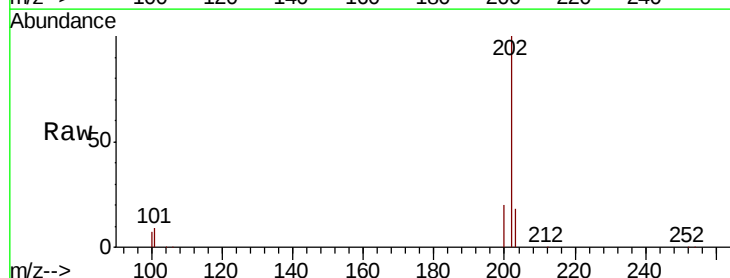
Tgt Ion:202 Resp: 308083

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.6

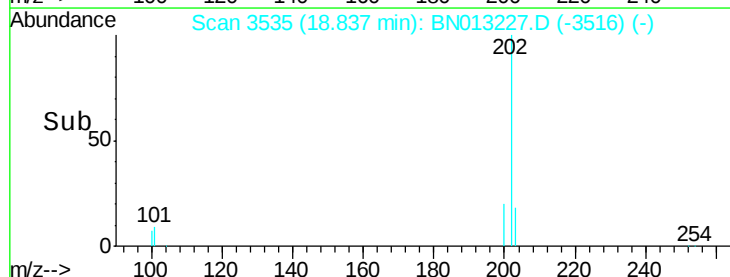
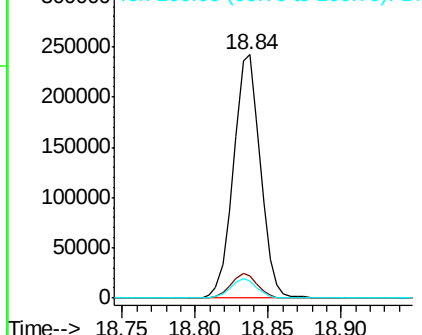
100 7.1 0.0 28.7

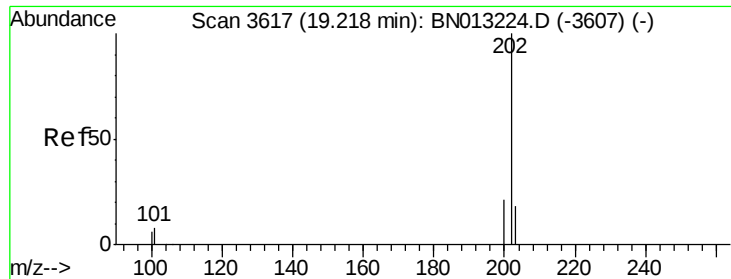


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





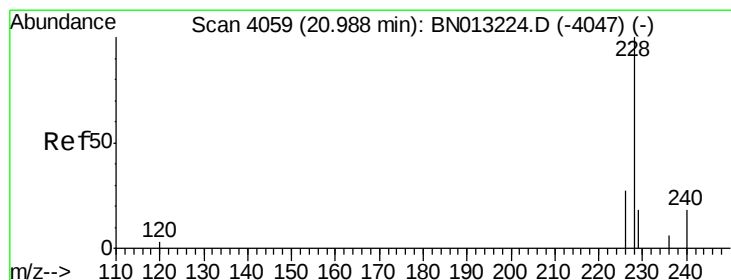
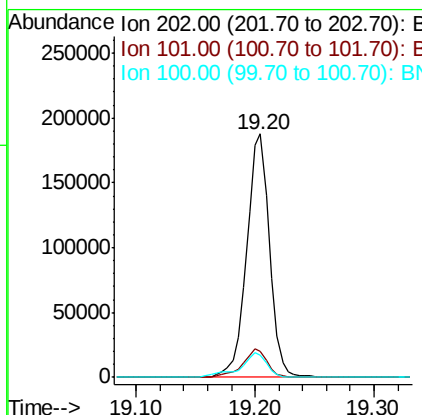
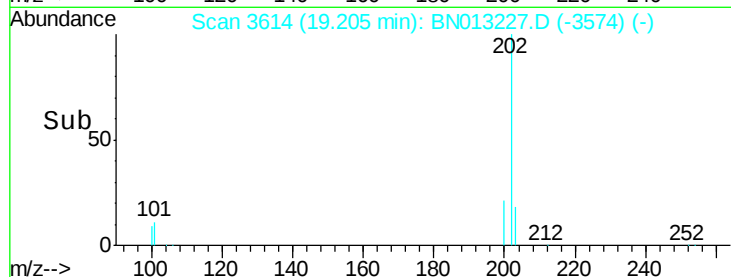
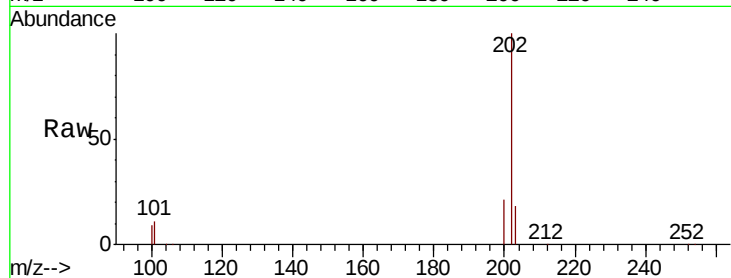
#17
Pvrene
Concen: 21.411 ng/ul
RT: 19.20 min Scan# 3614
Delta R.T. -0.01 min
Lab File: BN013227.D
Acq: 19 Dec 2020 15:21

Instrument :
BNA_N
ClientSampleId :
C0AE6

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	9.1	13.7
100	9.0	7.5	11.3

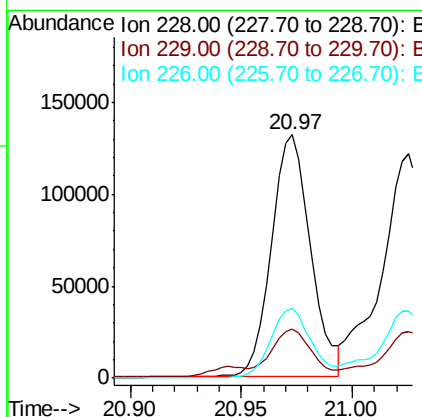
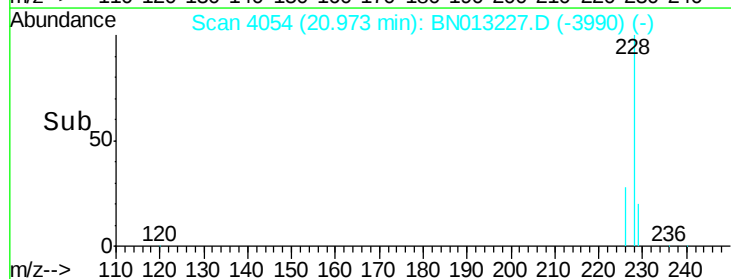
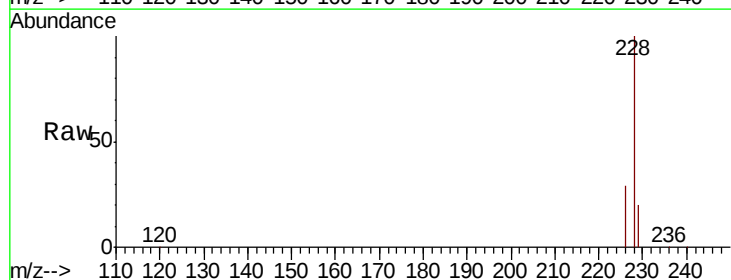
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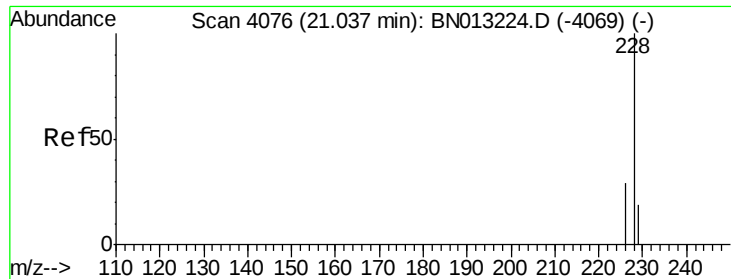
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#18
Benzo(a)anthracene
Concen: 15.873 ng/ul
RT: 20.97 min Scan# 4054
Delta R.T. -0.01 min
Lab File: BN013227.D
Acq: 19 Dec 2020 15:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	16.3	24.5
226	28.5	23.4	35.2





#19

Chrysene

Concen: 15.026 ng/ul

RT: 21.03 min Scan# 4072

Delta R.T. -0.01 min

Lab File: BN013227.D

Acq: 19 Dec 2020 15:21

Instrument :

BNA_N

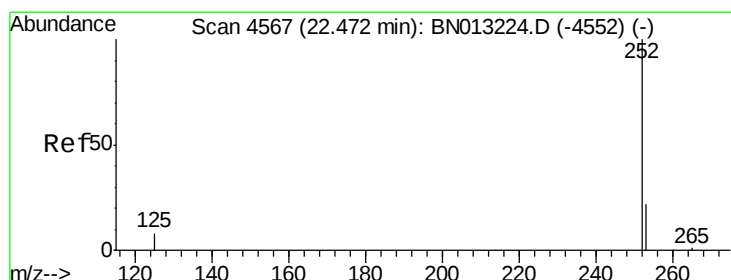
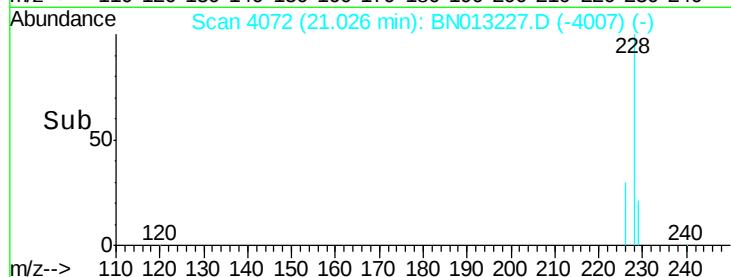
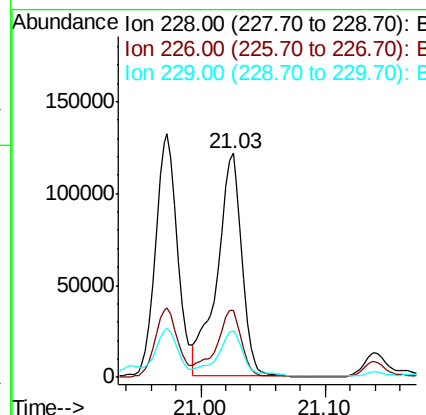
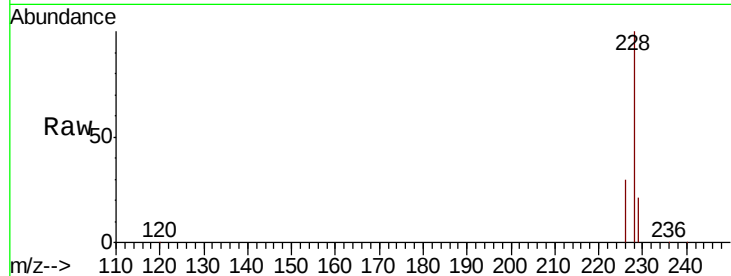
ClientSampleId :

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Tot Ion:	228	Resp:	168084
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	21.0	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 23.342 ng/ul m

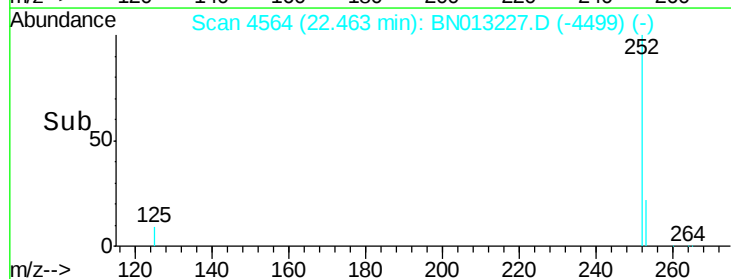
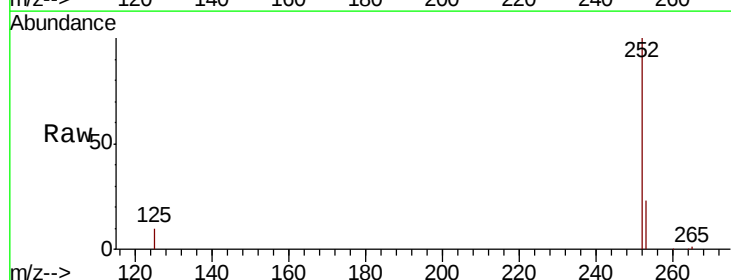
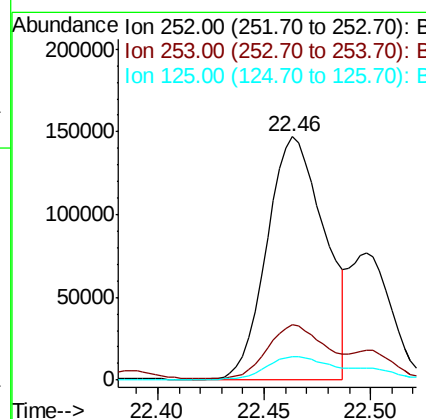
RT: 22.46 min Scan# 4564

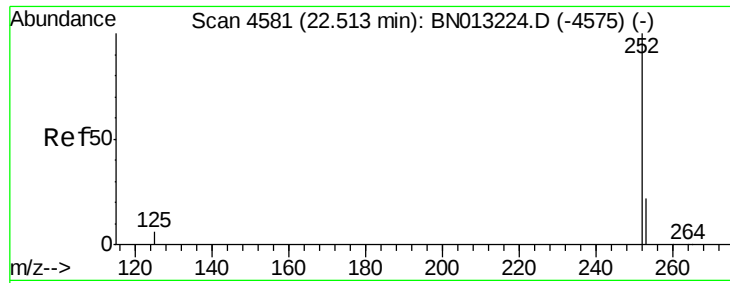
Delta R.T. -0.01 min

Lab File: BN013227.D

Acq: 19 Dec 2020 15:21

Tgt Ion:	252	Resp:	275801
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	59.6
125	9.8	0.0	26.0





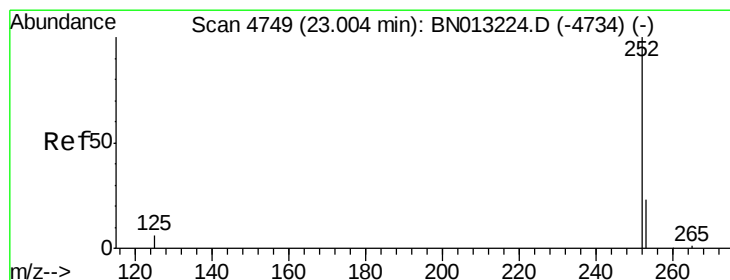
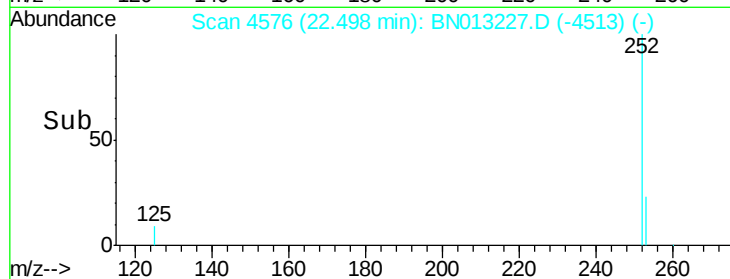
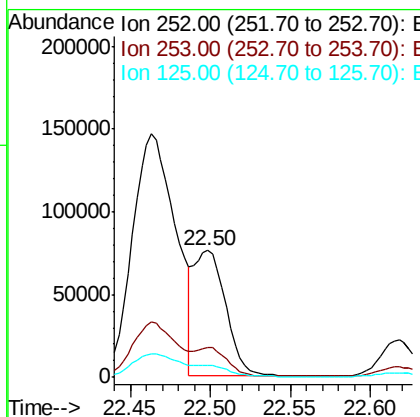
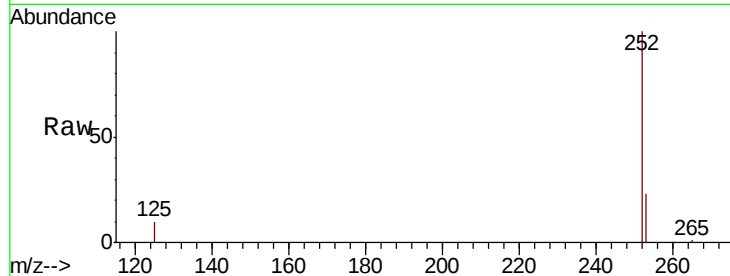
#22
Benzo(k)fluoranthene
Concen: 7.965 ng/ul m
RT: 22.50 min Scan# 4576
Delta R.T. -0.01 min
Lab File: BN013227.D
Acq: 19 Dec 2020 15:21

Instrument :
BNA_N
ClientSampleId :
C0AE6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	23.4	35.2#
125	9.9	11.1	16.7#

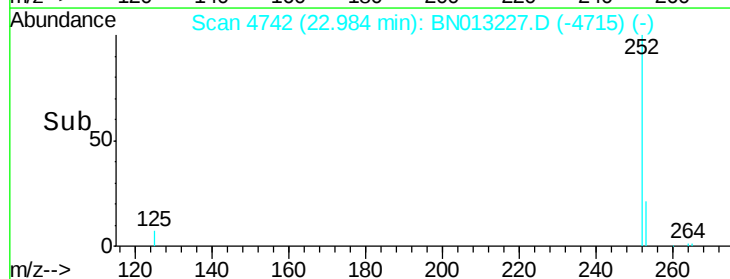
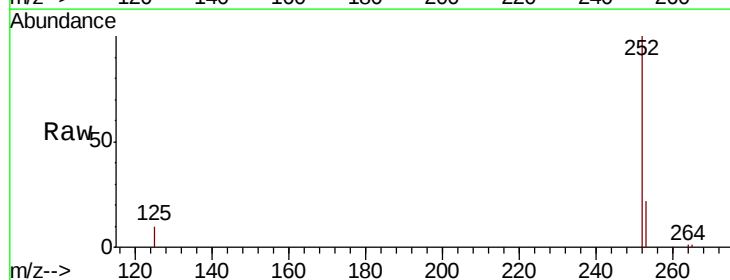
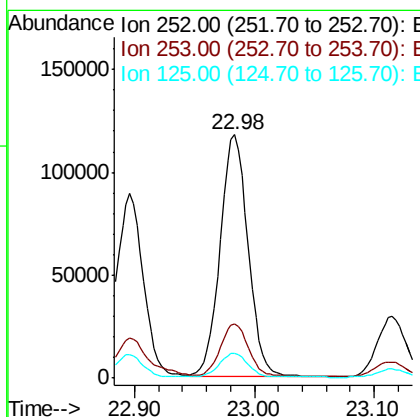
Manual Integrations
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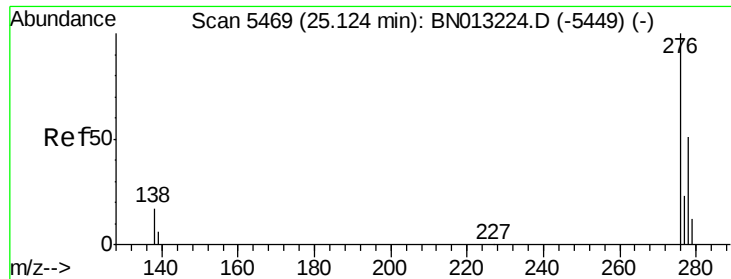
mohammad
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#23
Benzo(a)pyrene
Concen: 17.422 ng/ul m
RT: 22.98 min Scan# 4742
Delta R.T. -0.02 min
Lab File: BN013227.D
Acq: 19 Dec 2020 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	26.5	39.7#
125	10.2	14.2	21.2#





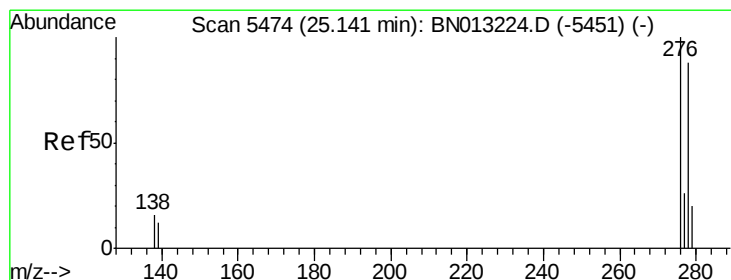
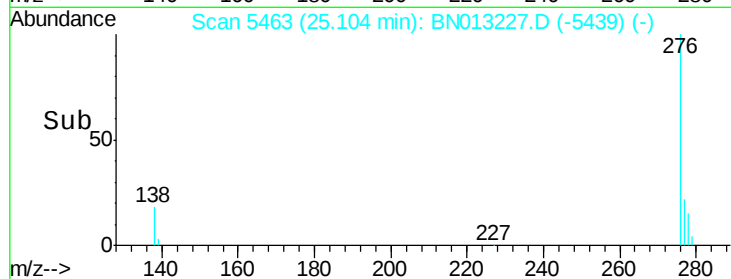
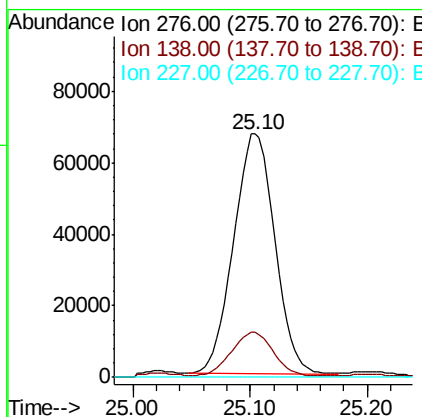
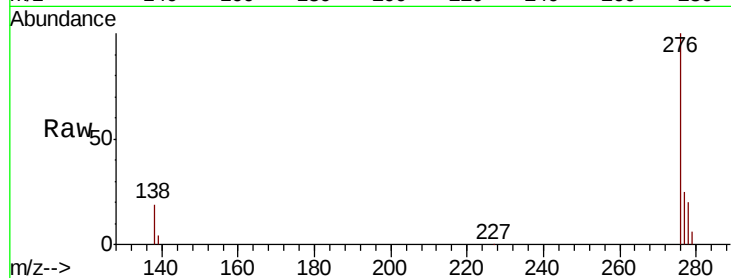
#24
Indeno(1,2,3-cd)pyrene
Concen: 11.421 ng/ul
RT: 25.10 min Scan# 5463
Delta R.T. -0.02 min
Lab File: BN013227.D
Acq: 19 Dec 2020 15:21

Instrument :
BNA_N
ClientSampleId :
C0AE6

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.2	24.2
227	0.2	0.0	0.0

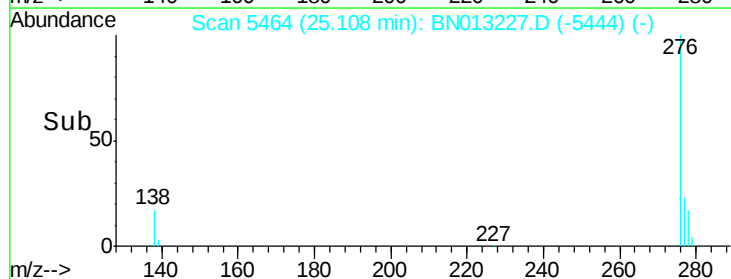
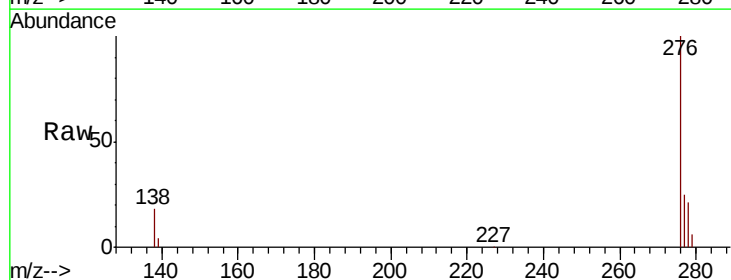
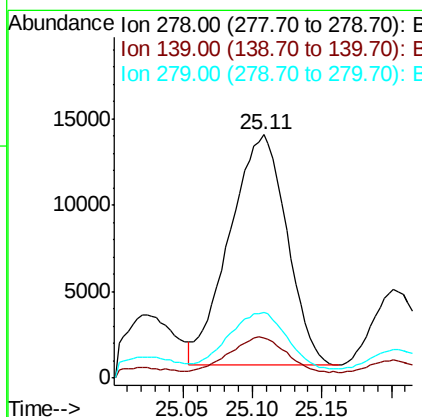
Manual Integrations
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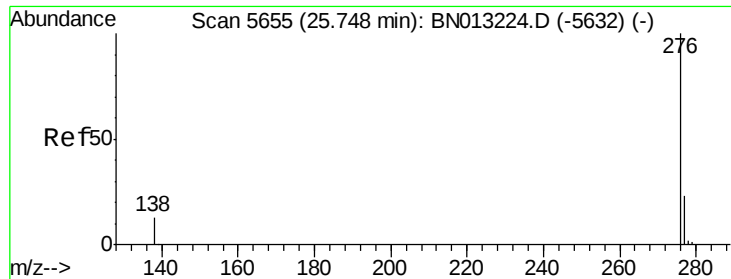
mohammad
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#25
Dibenzo(a,h)anthracene
Concen: 3.360 ng/ul
RT: 25.11 min Scan# 5464
Delta R.T. -0.03 min
Lab File: BN013227.D
Acq: 19 Dec 2020 15:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.5	21.7
279	27.0	26.3	39.5





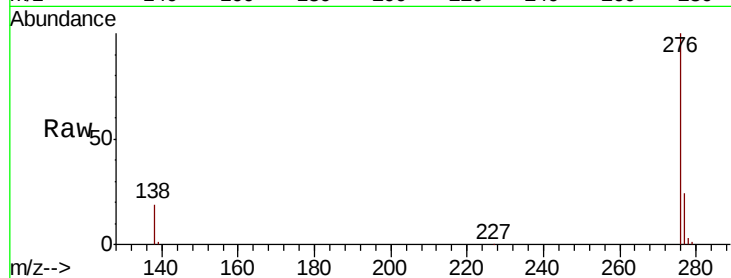
#26
 Benzo(a,h,i)perylene
 Concen: 10.525 ng/ul
 RT: 25.72 min Scan# 5647
 Delta R.T. -0.03 min
 Lab File: BN013227.D
 Acq: 19 Dec 2020 15:21

Instrument :
 BNA_N
 ClientSampleId :
 C0AE6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.3	24.5
277	23.9	21.8	32.6

Manual Integrations
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mohammad
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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

