

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013032.D
 Acq On : 10 Dec 2020 03:57
 Operator : CG/JU
 Sample : L4941-18
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B50

Manual Integrations
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 12/11/2020 1:18:37 PM

Quant Time: Dec 10 05:28:48 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 : Thu Dec 10 05:16:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1471	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	6012	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	3381	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	6874	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4799	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	4143	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1549	0.17	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	3233	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	750	0.043	ng/ul#	88
5) 2-Methylnaphthalene	11.82	142	465	0.041	ng/ul	99
7) Acenaphthylene	13.76	152	593	0.037	ng/ul#	81
8) Acenaphthene	14.11	153	810	0.062	ng/ul	97
9) Fluorene	15.11	166	851	0.056	ng/ul#	97
12) Phenanthrene	16.84	178	28488	1.236	ng/ul	97
13) Anthracene	16.94	178	3108	0.158	ng/ul	98
15) Fluoranthene	18.88	202	80548	2.941	ng/ul	97
17) Pyrene	19.25	202	64897	2.863	ng/ul	99
18) Benzo(a)anthracene	21.01	228	27709	1.396	ng/ul	99
19) Chrysene	21.06	228	40168	1.831	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	50252m	2.622	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	18432m	0.870	ng/ul	
23) Benzo(a)pyrene	23.03	252	29297	1.647	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.18	276	21221	0.908	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.18	278	5354	0.290	ng/ul#	89
26) Benzo(a,h,i)perylene	25.81	276	18829	0.891	ng/ul	97

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

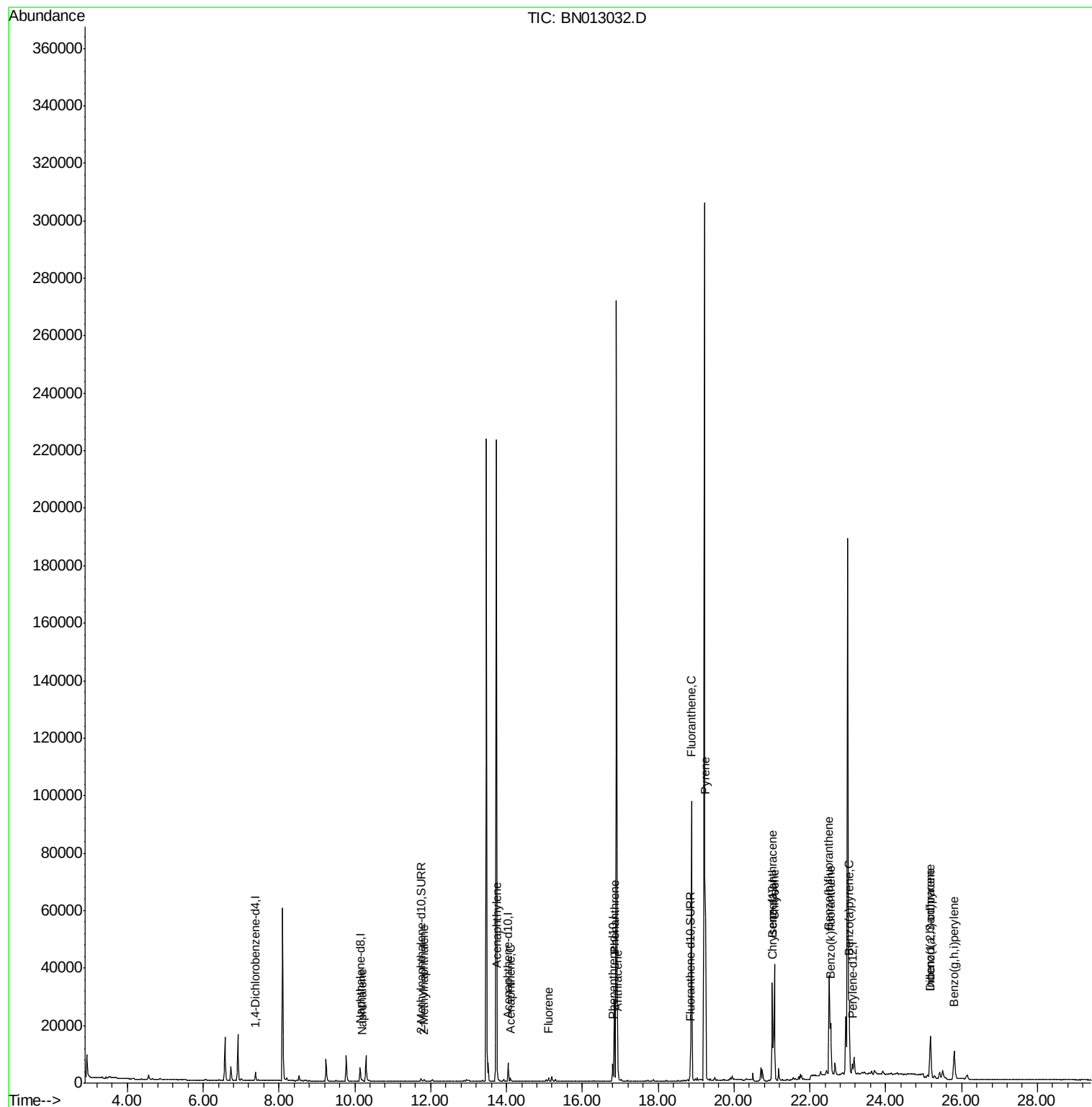
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013032.D
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ALS Vial : 102 Sample Multiplier: 1

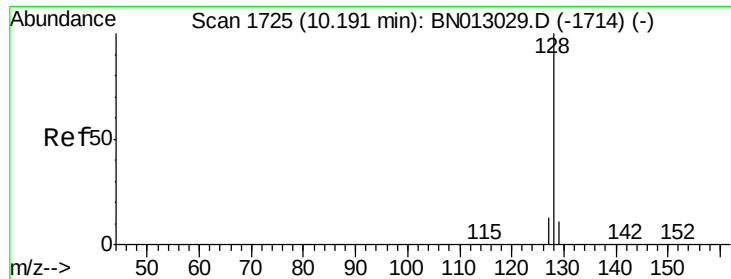
Instrument :
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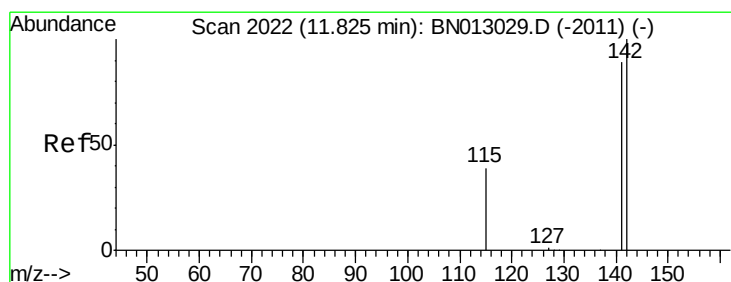
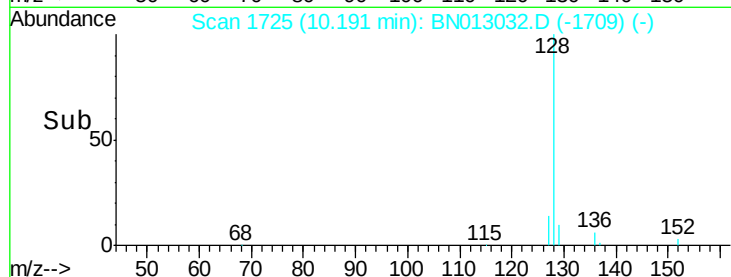
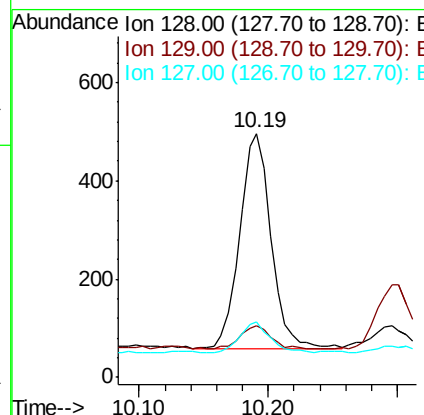
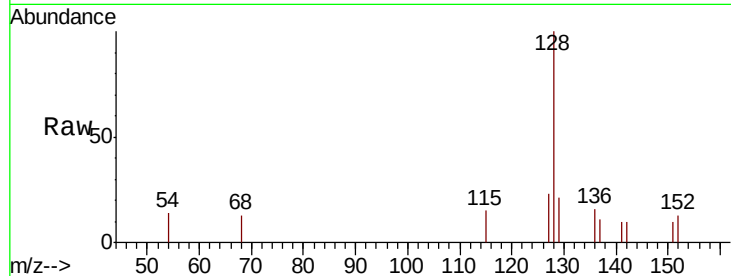
#3
Naphthalene
Concen: 0.043 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013032.D
Acq: 10 Dec 2020 03:57

Instrument :
BNA_N
ClientSampleId :
C0B50

Tot Ion	Ratio	Lower	Upper
128	100		
129	21.2	12.3	18.5#
127	22.8	14.2	21.4#

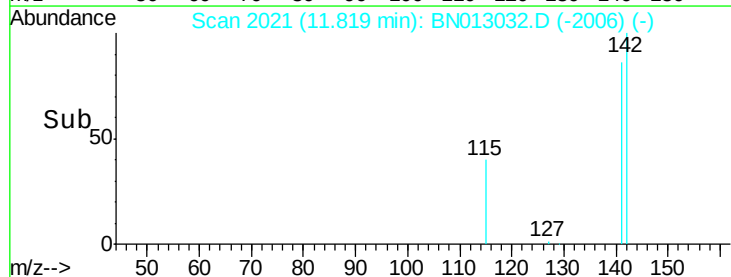
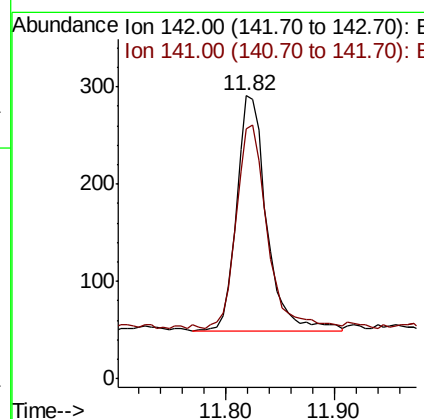
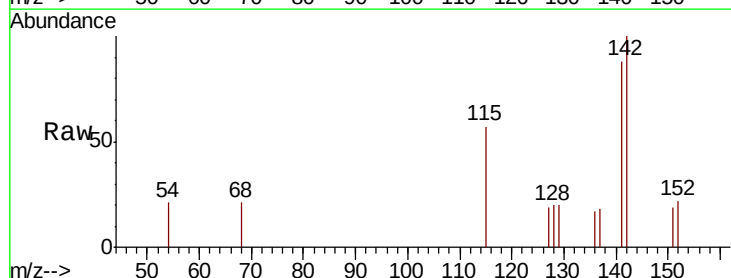
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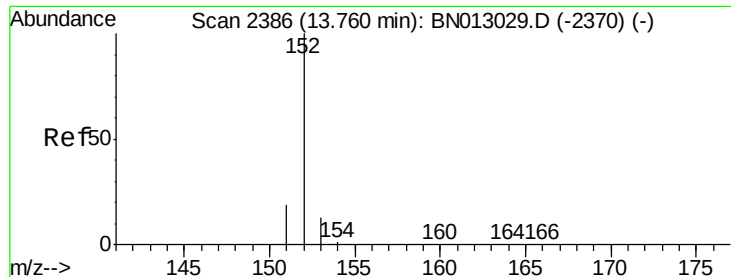
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#5
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 11.82 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BN013032.D
Acq: 10 Dec 2020 03:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.0	109.6





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013032.D

Acq: 10 Dec 2020 03:57

Instrument :

BNA_N

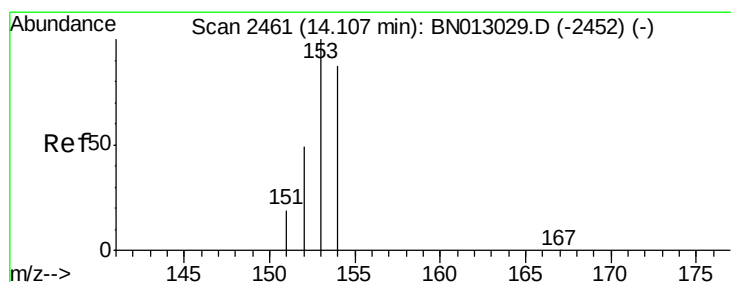
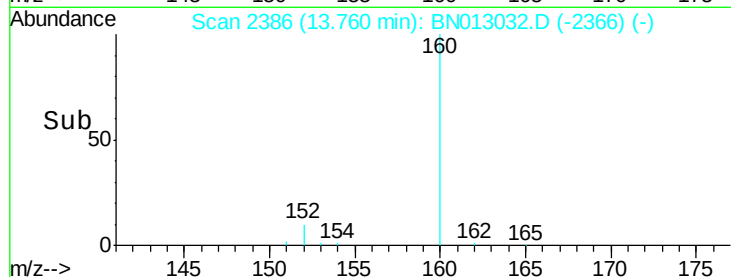
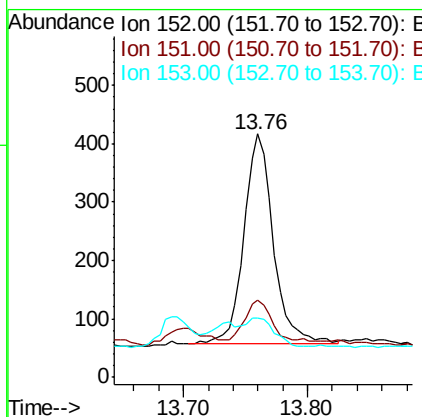
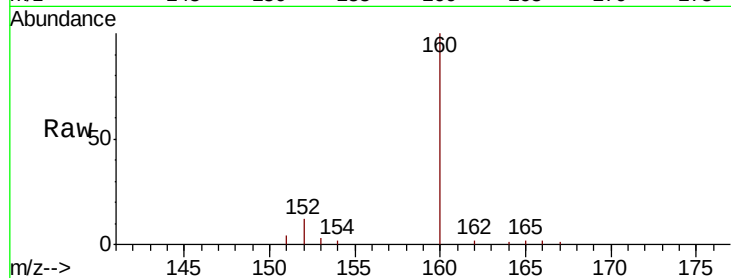
ClientSampleId :

C0B50

Tot Ion:	152	Resp:	593
Ion Ratio	Lower	Upper	
152	100		
151	31.9	18.2	27.4#
153	24.5	13.1	19.7#

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#8

Acenaphthene

Concen: 0.062 ng/ul

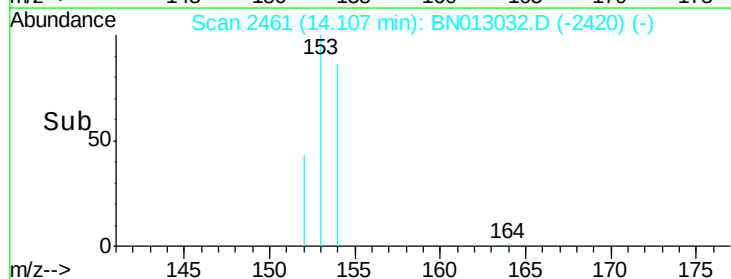
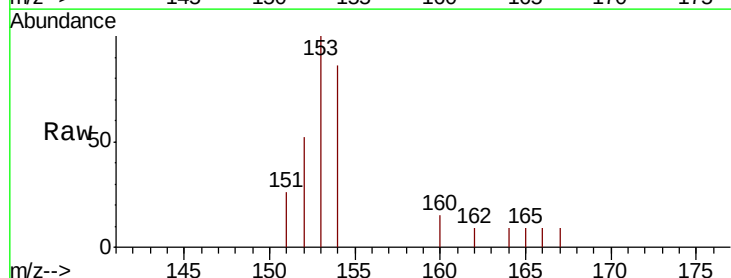
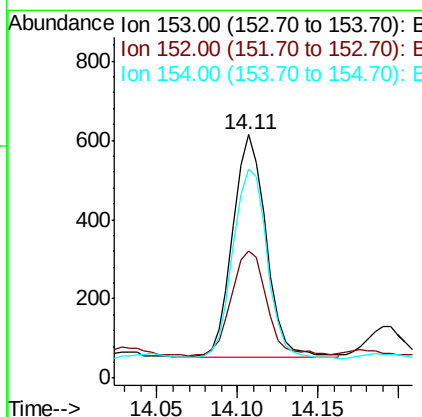
RT: 14.11 min Scan# 2461

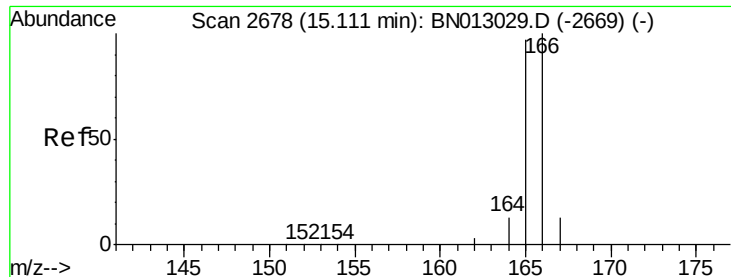
Delta R.T. -0.01 min

Lab File: BN013032.D

Acq: 10 Dec 2020 03:57

Tgt Ion:	153	Resp:	810
Ion Ratio	Lower	Upper	
153	100		
152	52.4	40.7	61.1
154	86.0	70.8	106.2





#9

Fluorene

Concen: 0.056 ng/ul

RT: 15.11 min Scan# 2677

Delta R.T. -0.01 min

Lab File: BN013032.D

Acq: 10 Dec 2020 03:57

Instrument :

BNA_N

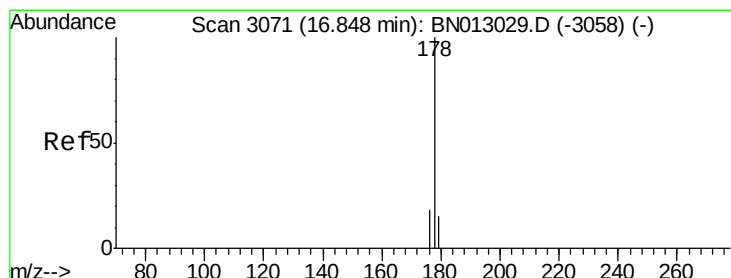
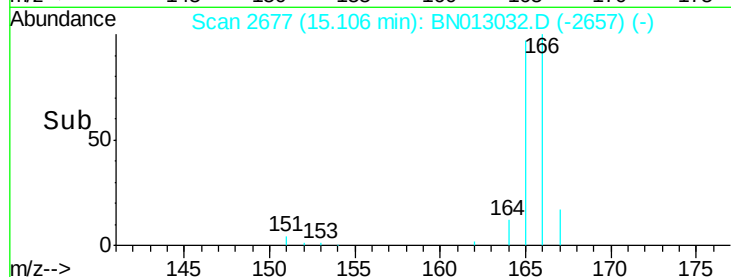
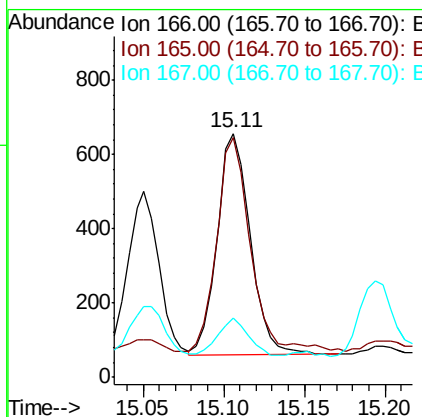
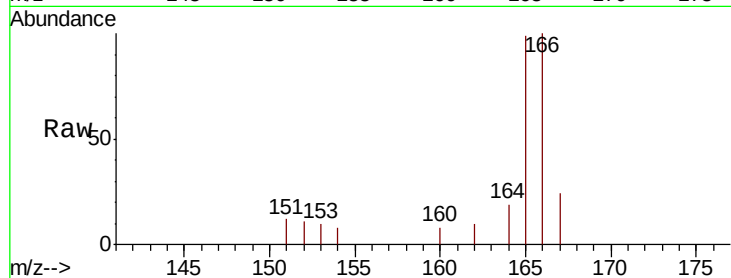
ClientSampled :

C0B50

Tot Ion:	166	Resp:	851
Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	24.1	13.8	20.8

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#12

Phenanthrene

Concen: 1.236 ng/ul

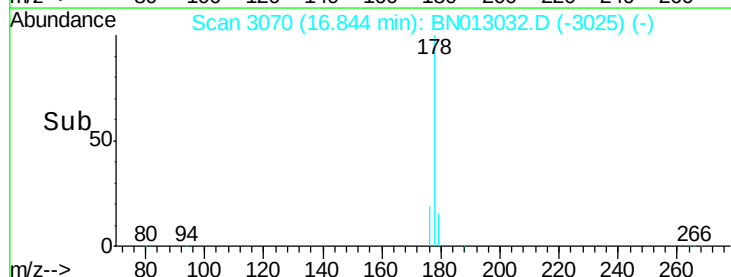
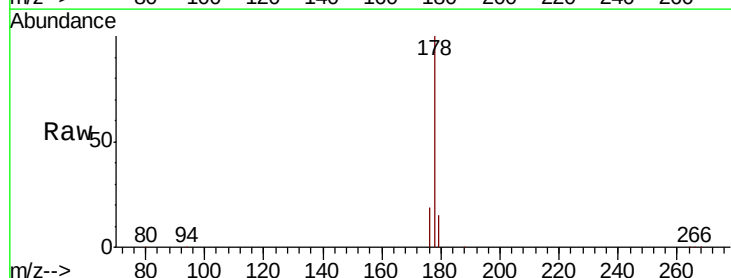
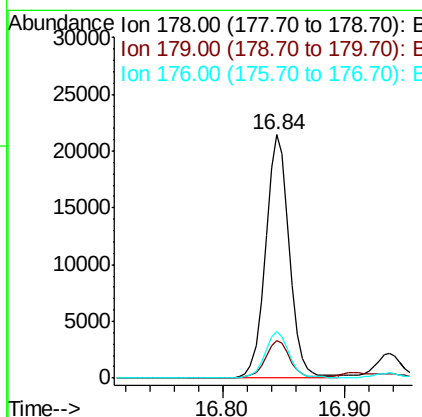
RT: 16.84 min Scan# 3070

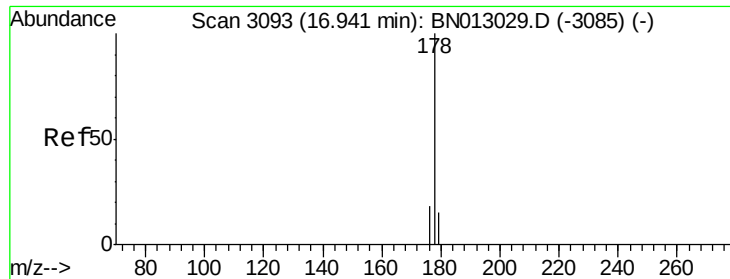
Delta R.T. -0.01 min

Lab File: BN013032.D

Acq: 10 Dec 2020 03:57

Tgt Ion:	178	Resp:	28488
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	19.2	16.4	24.6





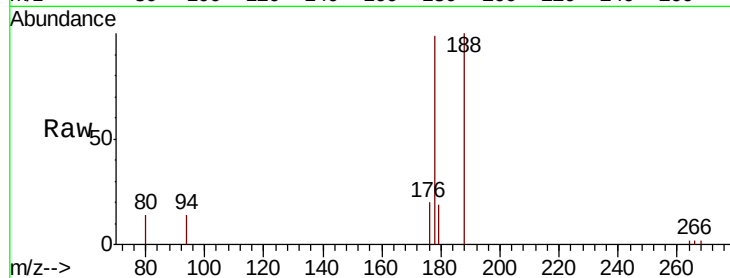
#13
 Anthracene
 Concen: 0.158 ng/ul
 RT: 16.94 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BN013032.D
 Acq: 10 Dec 2020 03:57

Instrument :
 BNA_N
 ClientSampled :
 C0B50

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.7	14.6	21.8
176	20.7	17.1	25.7

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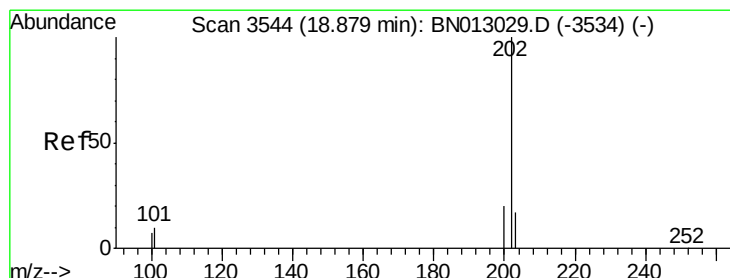
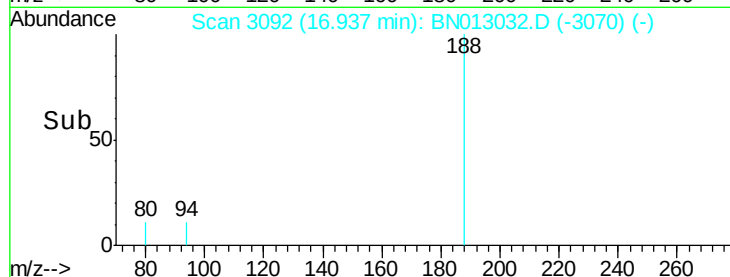
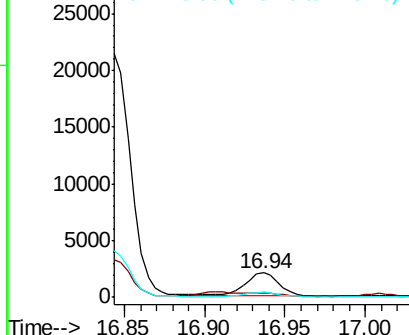


Abundance

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: 2.941 ng/ul
 RT: 18.88 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: BN013032.D
 Acq: 10 Dec 2020 03:57

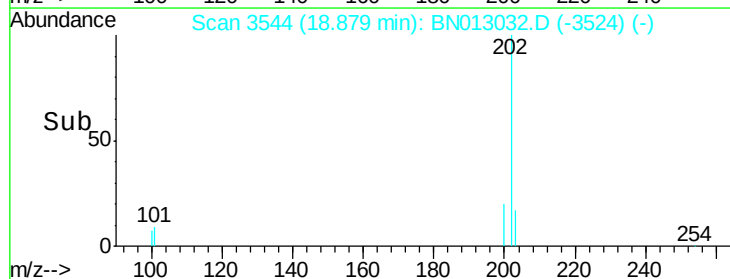
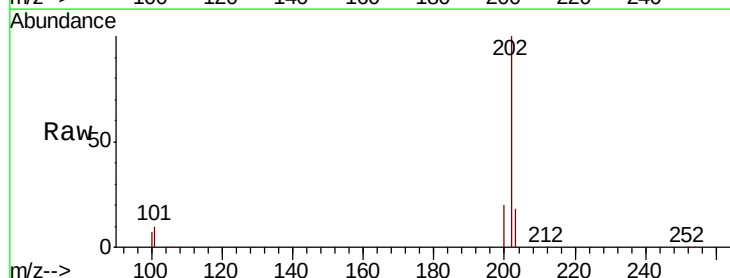
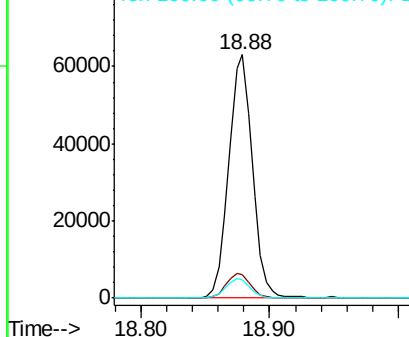
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.6
100	7.5	0.0	28.7

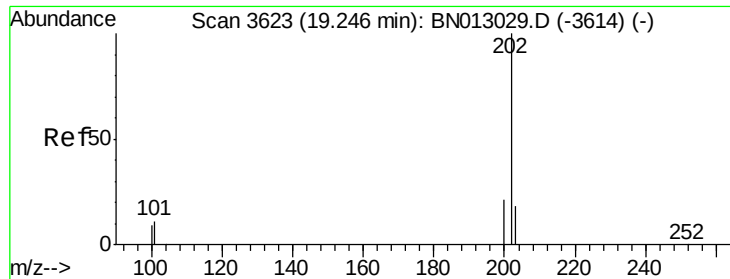
Abundance

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





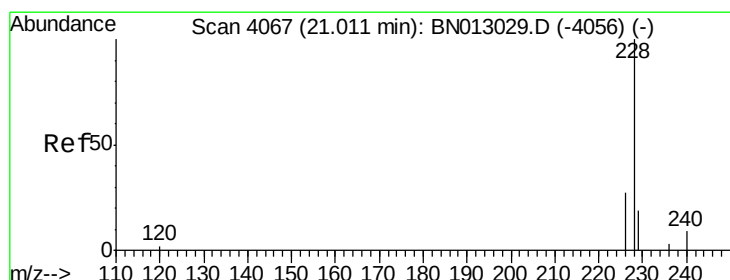
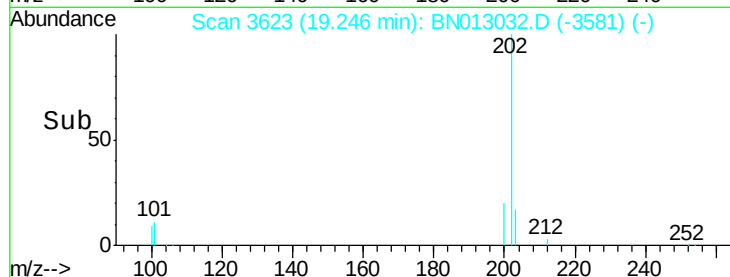
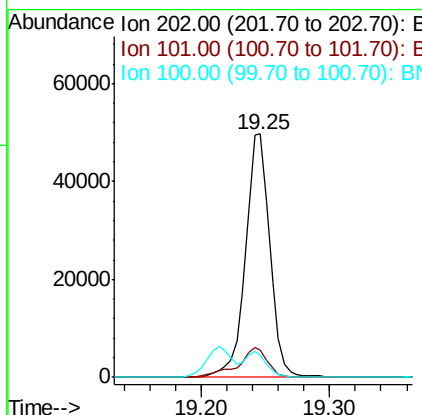
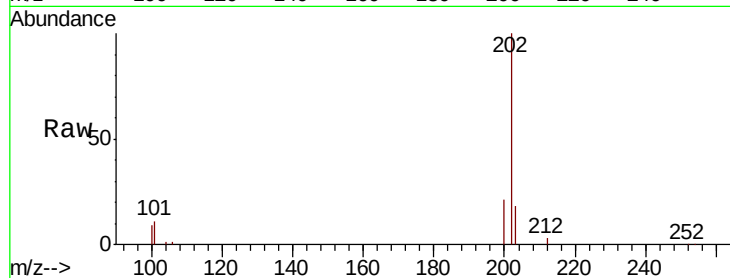
#17
Pvrene
Concen: 2.863 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013032.D
Acq: 10 Dec 2020 03:57

Instrument :
BNA_N
ClientSampleId :
C0B50

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	9.2	7.5	11.3

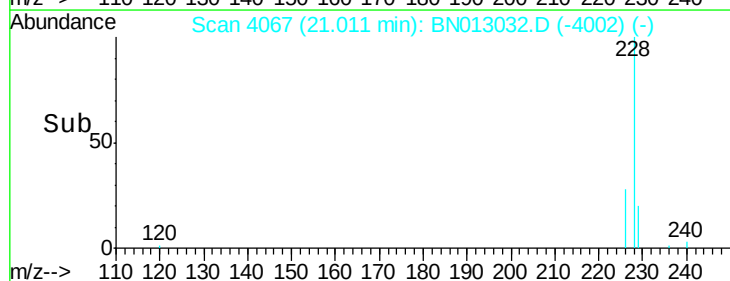
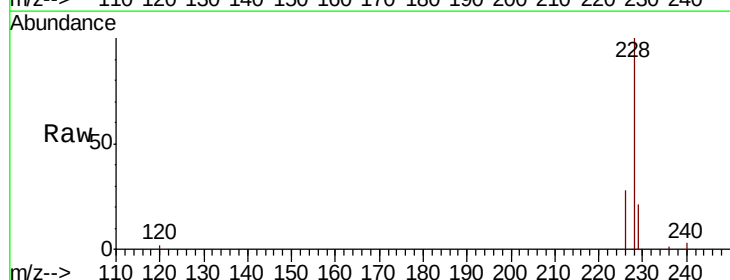
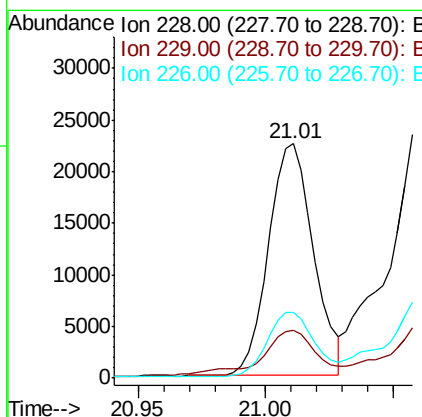
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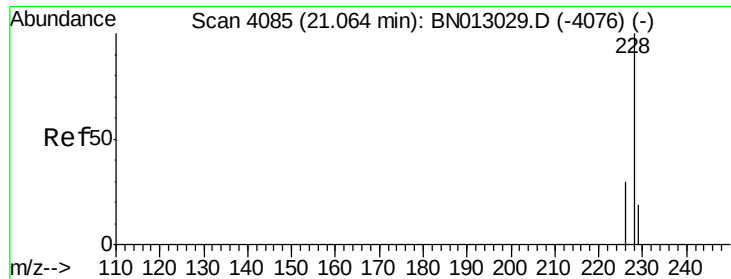
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#18
Benzo(a)anthracene
Concen: 1.396 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.01 min
Lab File: BN013032.D
Acq: 10 Dec 2020 03:57

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.3	24.5
226	28.2	23.4	35.2





#19

Chrysene

Concen: 1.831 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.01 min

Lab File: BN013032.D

Acq: 10 Dec 2020 03:57

Instrument :

BNA_N

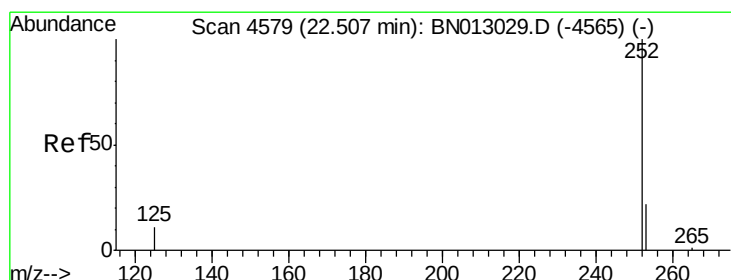
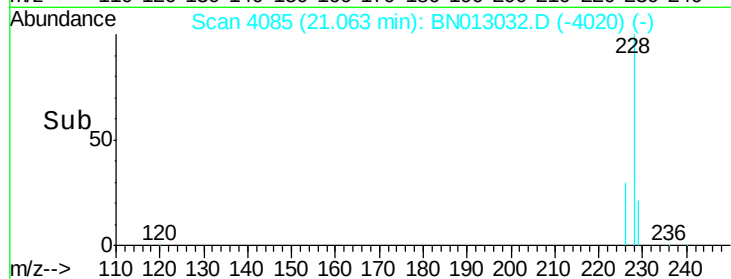
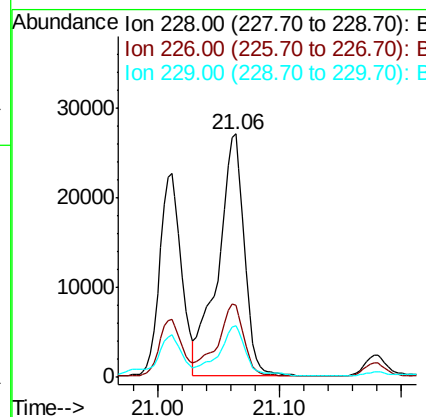
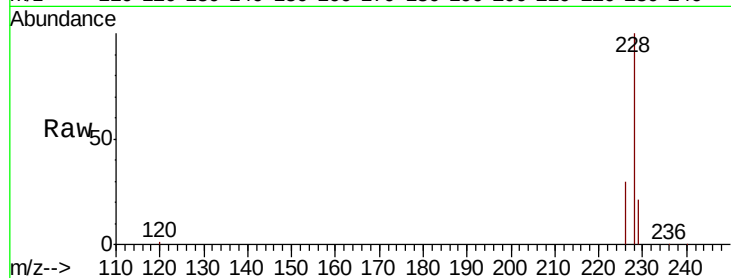
ClientSampleId :

C0B50

Tot Ion:	228	Resp:	40168
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	21.4	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 2.622 ng/ul m

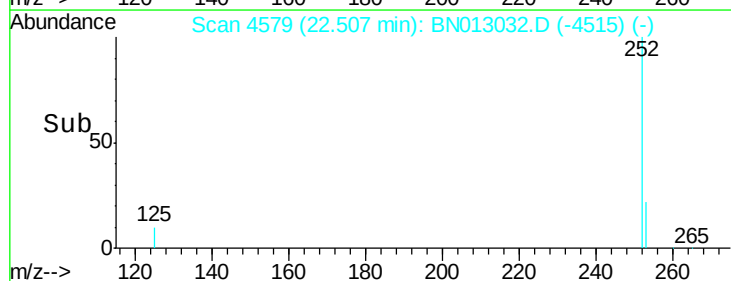
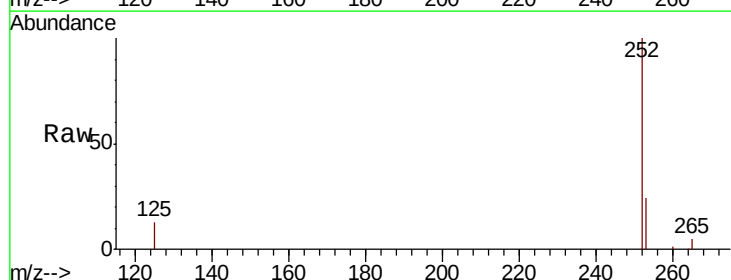
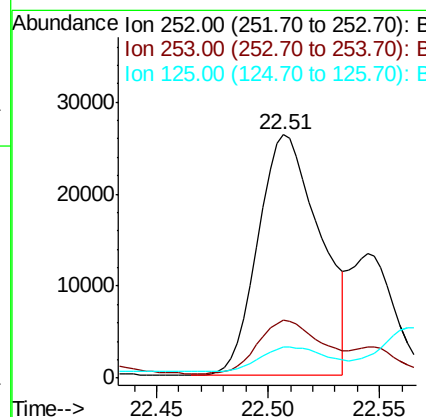
RT: 22.51 min Scan# 4579

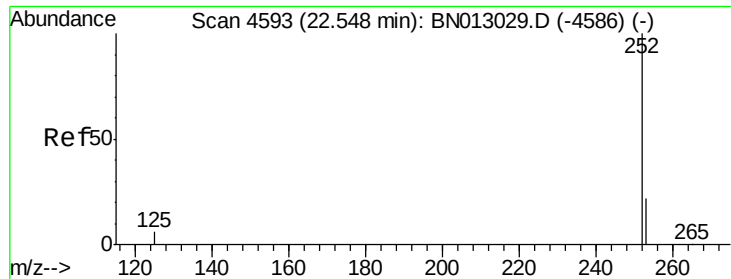
Delta R.T. -0.01 min

Lab File: BN013032.D

Acq: 10 Dec 2020 03:57

Tgt Ion:	252	Resp:	50252
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	59.6
125	12.6	0.0	26.0





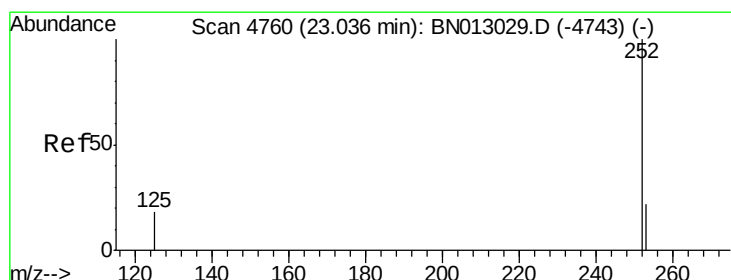
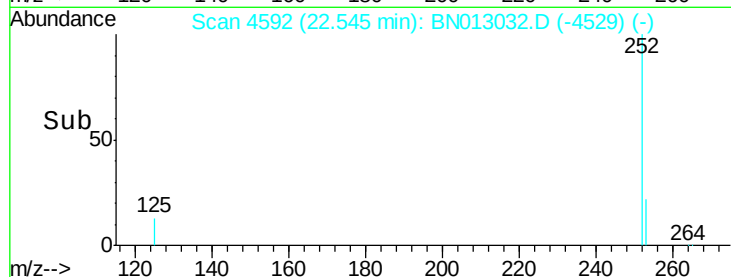
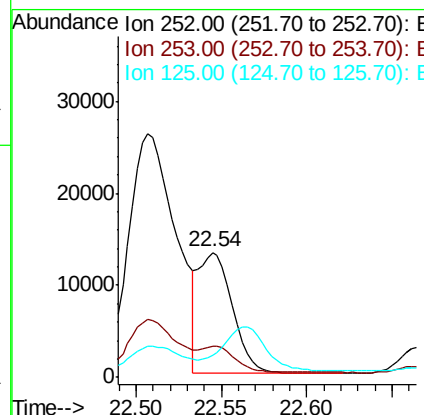
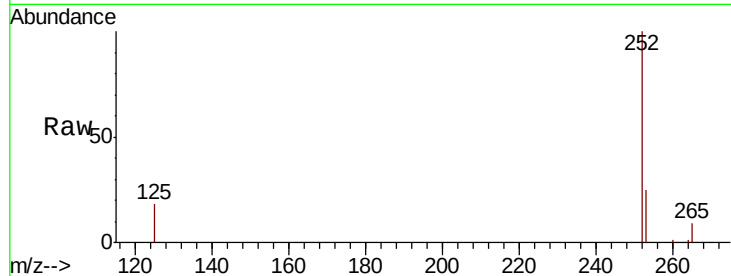
#22
Benzo(k)fluoranthene
Concen: 0.870 ng/ul m
RT: 22.54 min Scan# 4592
Delta R.T. -0.01 min
Lab File: BN013032.D
Acq: 10 Dec 2020 03:57

Instrument :
BNA_N
ClientSampleId :
C0B50

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	23.4	35.2
125	17.7	11.1	16.7

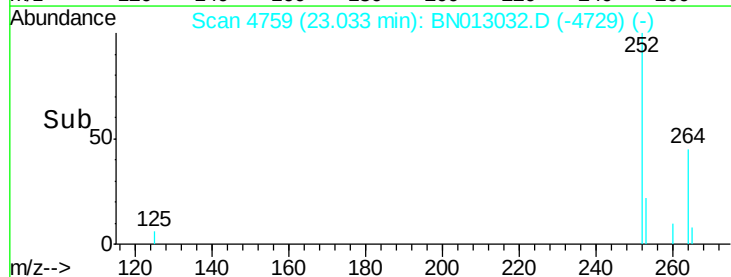
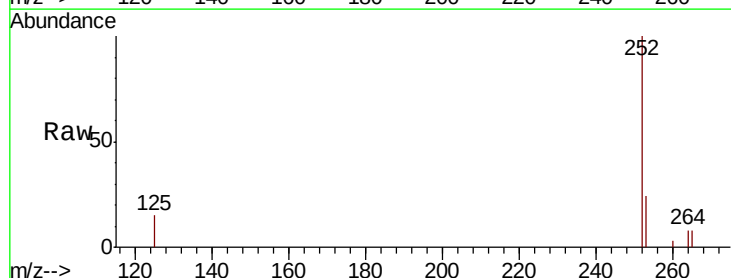
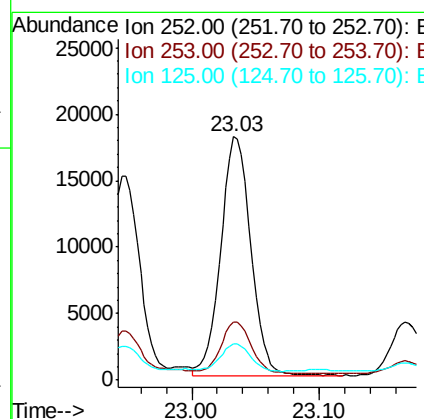
Manual Integrations
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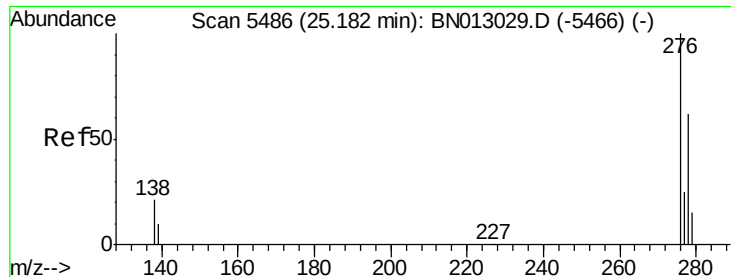
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#23
Benzo(a)pyrene
Concen: 1.647 ng/ul
RT: 23.03 min Scan# 4759
Delta R.T. -0.01 min
Lab File: BN013032.D
Acq: 10 Dec 2020 03:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	26.5	39.7
125	14.9	14.2	21.2





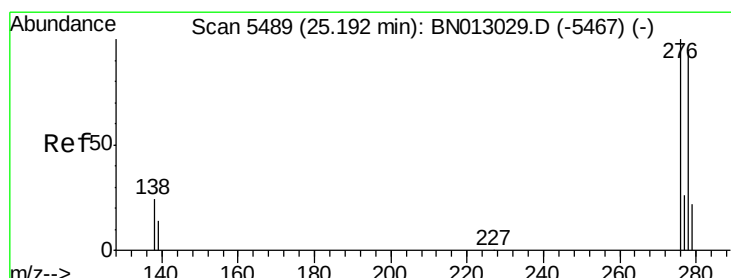
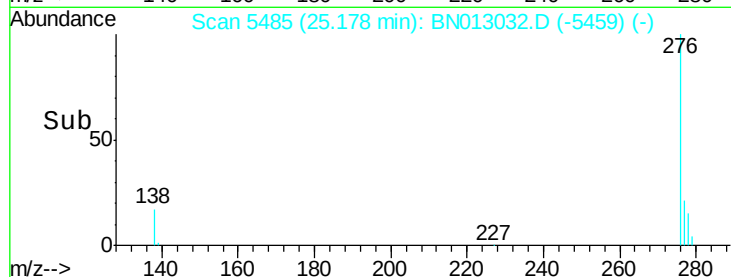
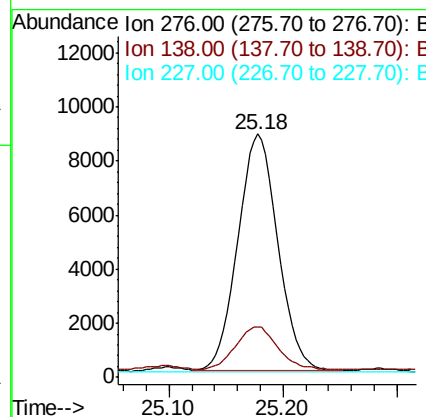
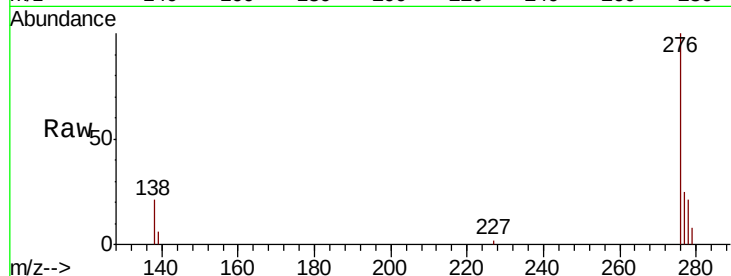
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.908 ng/ul
RT: 25.18 min Scan# 5485
Delta R.T. -0.01 min
Lab File: BN013032.D
Acq: 10 Dec 2020 03:57

Instrument :
BNA_N
ClientSampleId :
C0B50

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.2	24.2
227	0.1	0.0	0.0#

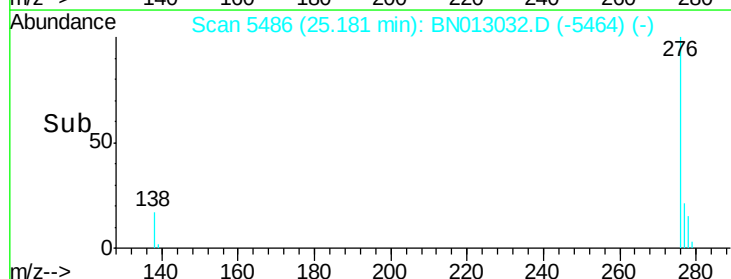
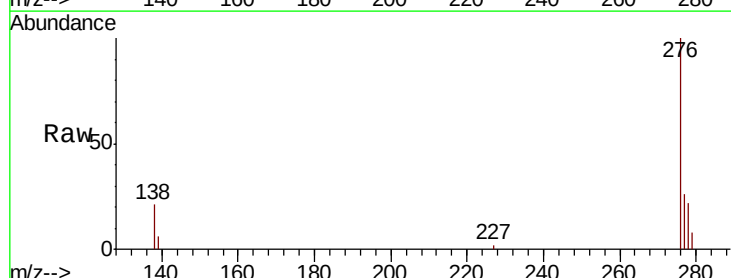
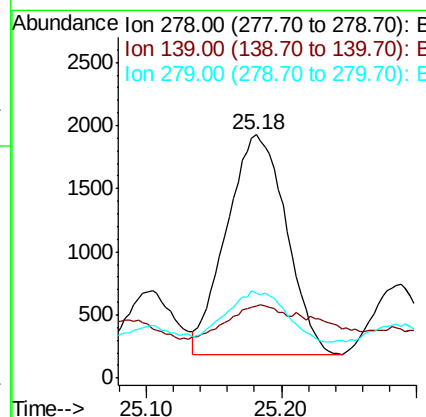
Manual Integrations
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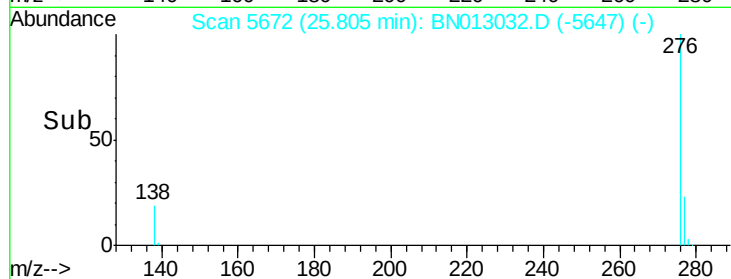
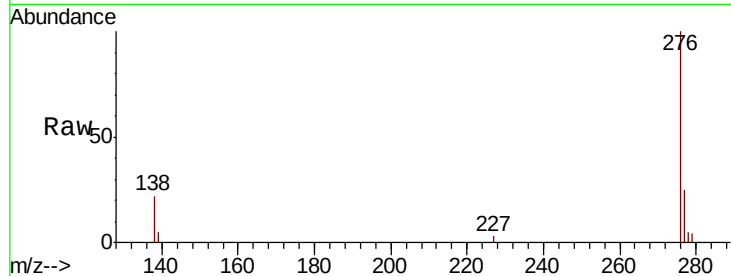
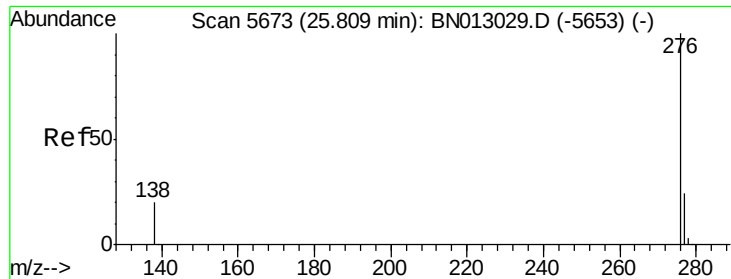
mohammad
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#25
Dibenzo(a,h)anthracene
Concen: 0.290 ng/ul
RT: 25.18 min Scan# 5486
Delta R.T. -0.03 min
Lab File: BN013032.D
Acq: 10 Dec 2020 03:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.5	14.5	21.7#
279	34.8	26.3	39.5





#26
Benzo(a,h,i)perylene
Concen: 0.891 ng/ul
RT: 25.81 min Scan# 5672
Delta R.T. -0.02 min
Lab File: BN013032.D
Acq: 10 Dec 2020 03:57

Tot Ion:	276	Resp:	18829
Ion Ratio	Lower	Upper	
276	100		
138	21.8	16.3	24.5
277	25.5	21.8	32.6

Instrument :
BNA_N
ClientSampleId :
C0B50

Manual Integrations
APPROVED

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