

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013034.D
 Acq On : 10 Dec 2020 05:09
 Operator : CG/JU
 Sample : L4941-17
 Misc :
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B46

Manual Integrations
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Quant Time: Dec 10 06:35:02 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	1188	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	5048	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2859	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	5913	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4654	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4143	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1181	0.16	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2681	0.17	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	386	0.026	ng/ul#	74
5) 2-Methylnaphthalene	11.82	142	213	0.022	ng/ul	98
7) Acenaphthylene	13.76	152	1065	0.079	ng/ul#	91
8) Acenaphthene	14.11	153	1894	0.171	ng/ul	99
9) Fluorene	15.11	166	2886	0.227	ng/ul	97
11) Pentachlorophenol	16.48	266	50	0.029	ng/ul	93
12) Phenanthrene	16.84	178	95103	4.797	ng/ul	96
13) Anthracene	16.94	178	15222	0.902	ng/ul	95
15) Fluoranthene	18.88	202	203702	8.646	ng/ul	98
17) Pyrene	19.25	202	161705	7.356	ng/ul	100
18) Benzo(a)anthracene	21.01	228	69404	3.604	ng/ul	98
19) Chrysene	21.06	228	75722	3.559	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	97378m	5.081	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	35740m	1.687	ng/ul	
23) Benzo(a)pyrene	23.04	252	61711	3.470	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.18	276	42340	1.812	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.18	278	9747	0.528	ng/ul	95
26) Benzo(g,h,i)perylene	25.81	276	35571	1.683	ng/ul	96

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

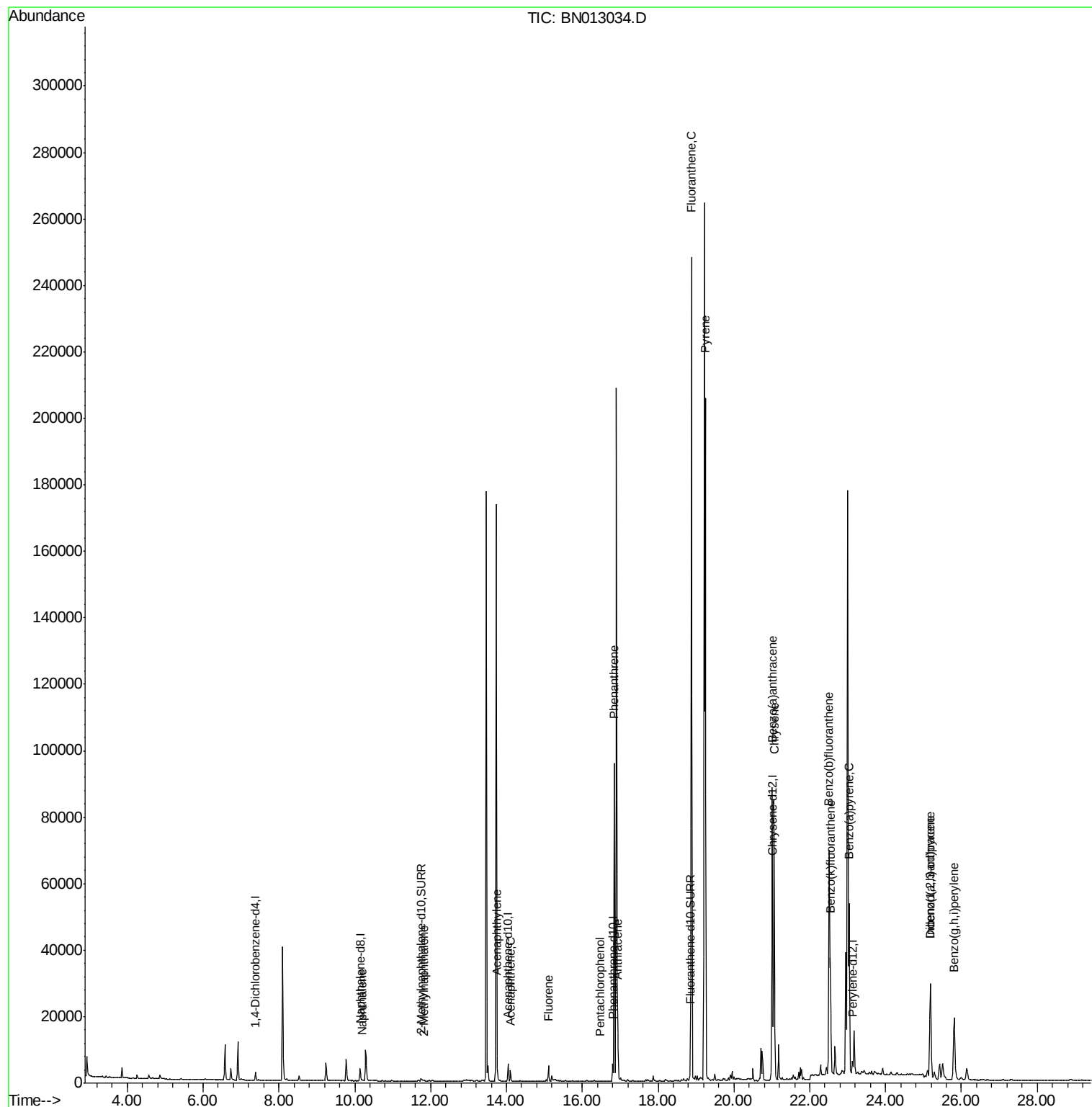
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013034.D
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Sample : L4941-17
Misc :
ALS Vial : 104 Sample Multiplier: 1

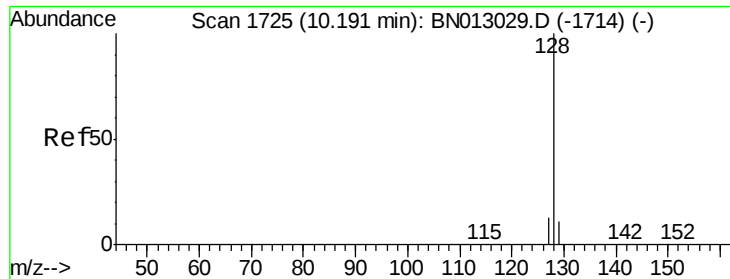
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Quant Time: Dec 10 06:35:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 10 05:16:28 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.026 ng/ul

RT: 10.19 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BN013034.D

Acq: 10 Dec 2020 05:09

Instrument :

BNA_N

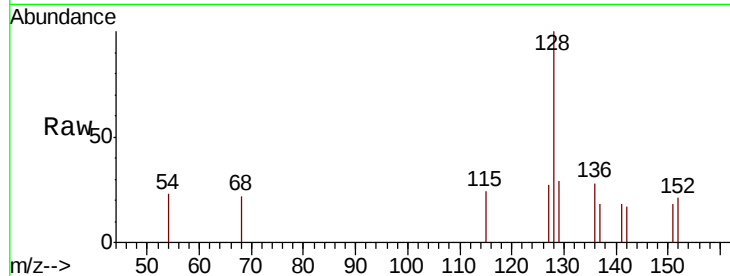
ClientSampleId :

C0B46

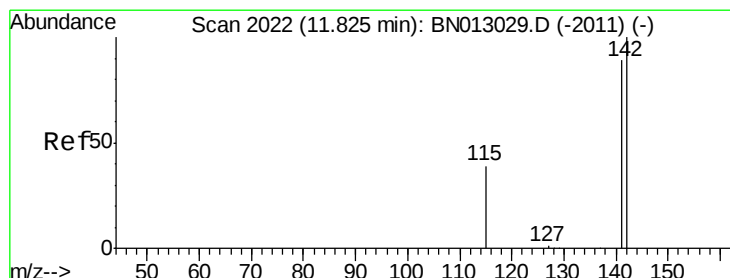
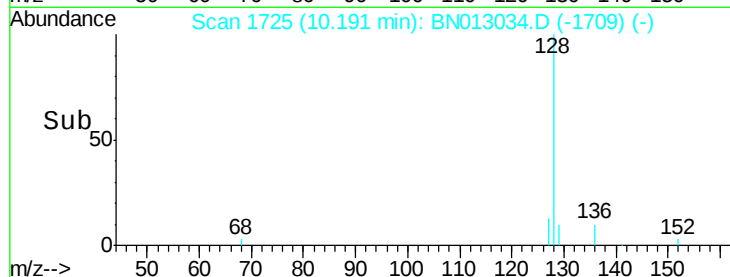
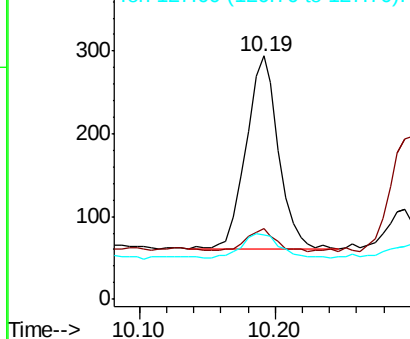
Tot Ion:	128	Resp:	386
Ion Ratio	Lower	Upper	
128	100		
129	28.9	12.3	18.5#
127	26.5	14.2	21.4#

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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: 0.022 ng/ul

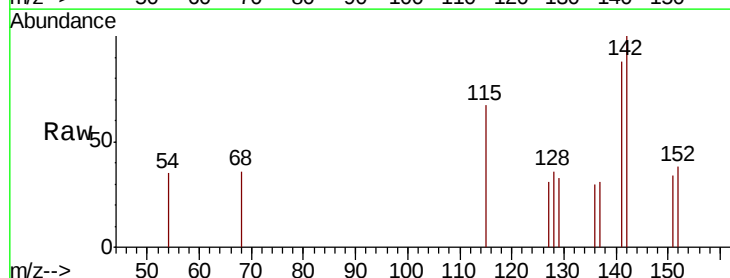
RT: 11.82 min Scan# 2022

Delta R.T. -0.01 min

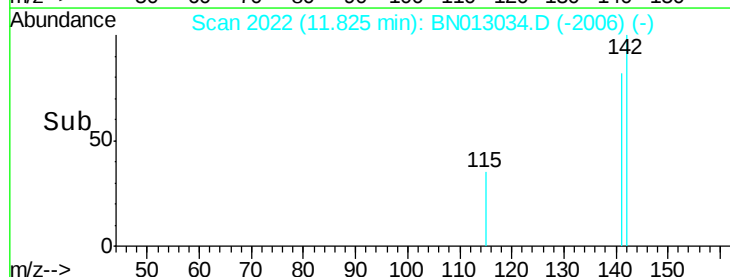
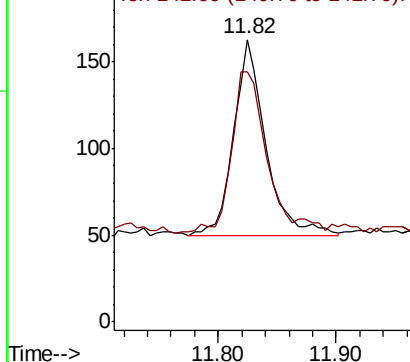
Lab File: BN013034.D

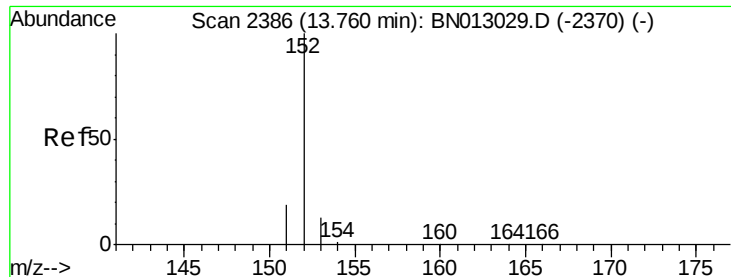
Acq: 10 Dec 2020 05:09

Tgt Ion:	142	Resp:	213
Ion Ratio	Lower	Upper	
142	100		
141	93.0	73.0	109.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.079 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013034.D

Acq: 10 Dec 2020 05:09

Instrument :

BNA_N

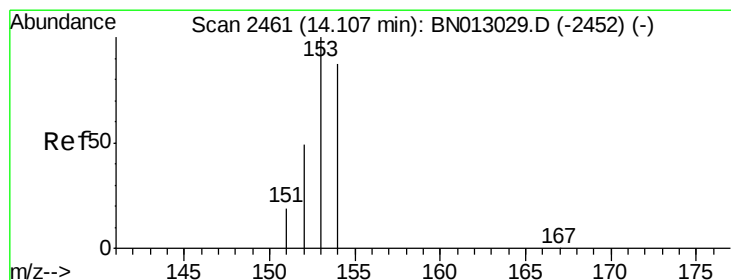
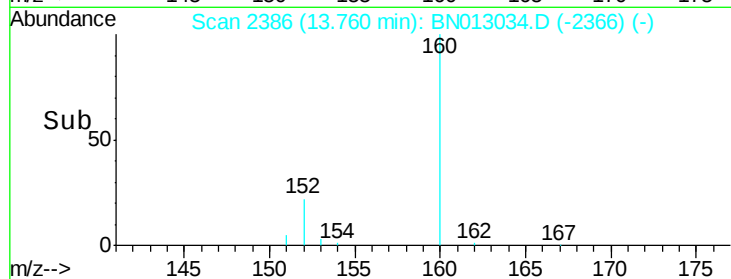
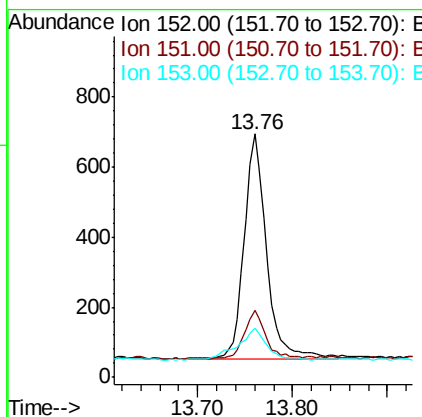
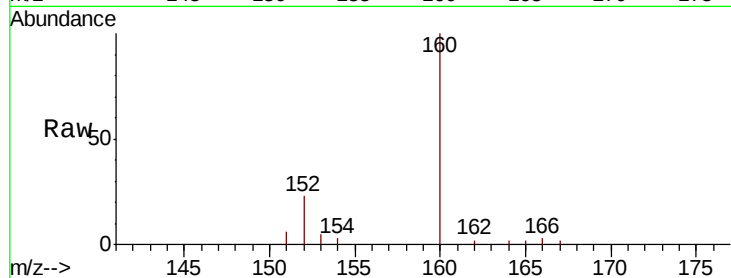
ClientSampleId :

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Tot Ion:	152	Resp:	1065
Ion Ratio	Lower	Upper	
152	100		
151	27.5	18.2	27.4#
153	20.0	13.1	19.7#

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#8

Acenaphthene

Concen: 0.171 ng/ul

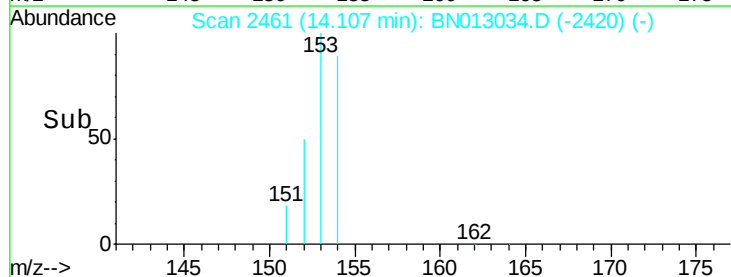
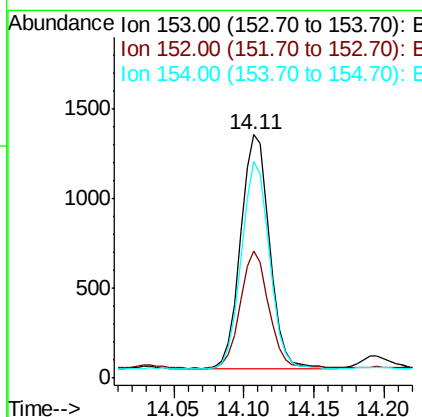
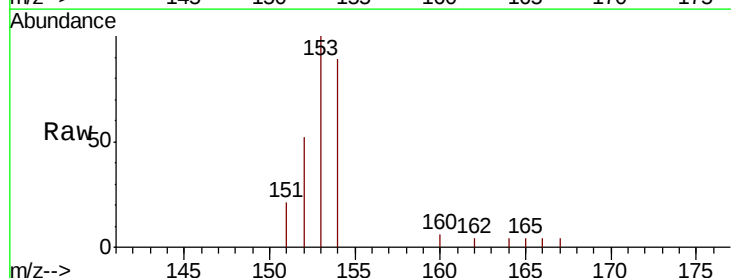
RT: 14.11 min Scan# 2461

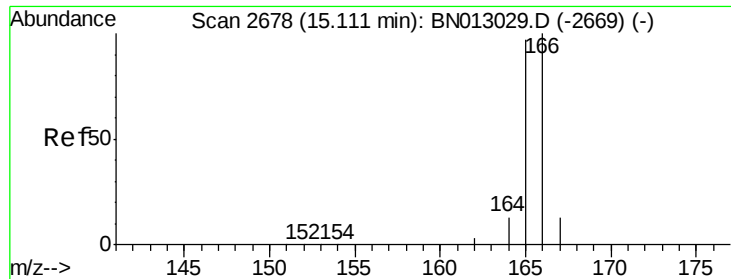
Delta R.T. -0.01 min

Lab File: BN013034.D

Acq: 10 Dec 2020 05:09

Tgt Ion:	153	Resp:	1894
Ion Ratio	Lower	Upper	
153	100		
152	52.0	40.7	61.1
154	89.2	70.8	106.2





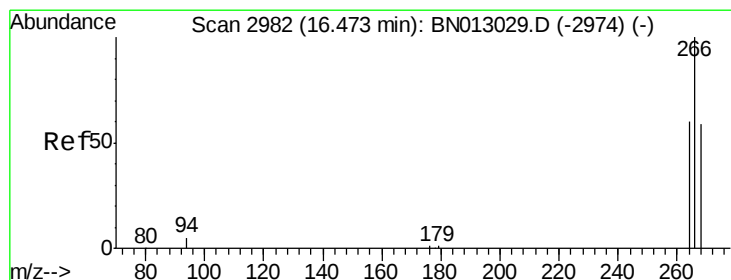
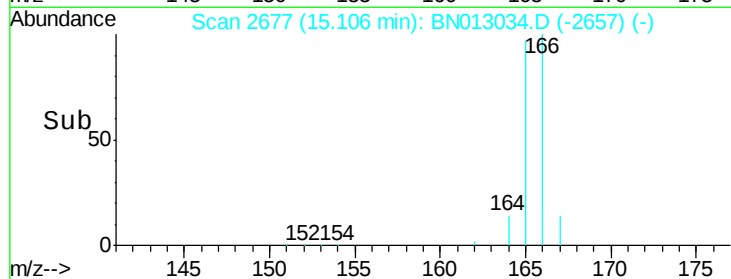
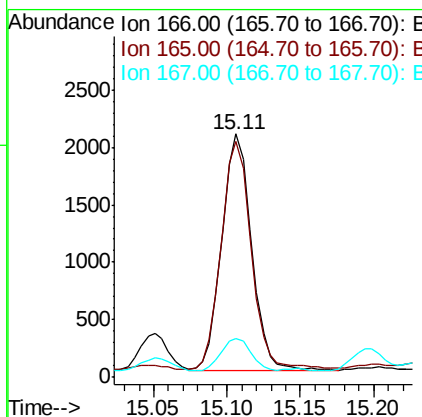
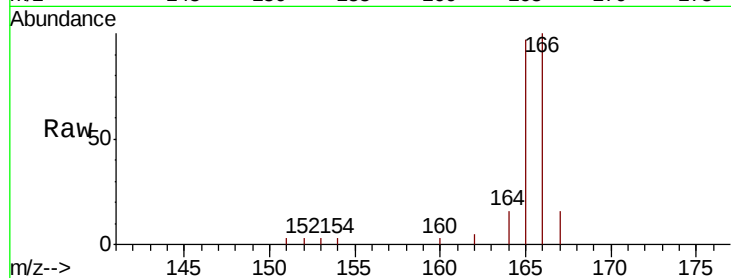
#9
Fluorene
 Concen: 0.227 ng/ul
 RT: 15.11 min Scan# 2677
 Delta R.T. -0.01 min
 Lab File: BN013034.D
 Acq: 10 Dec 2020 05:09

Instrument :
 BNA_N
 ClientSampled :
 C0B46

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.8	119.8
167	16.1	13.8	20.8

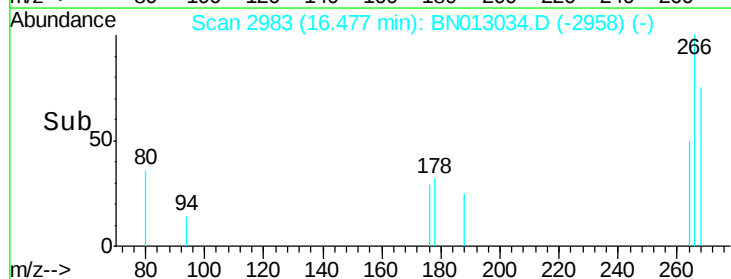
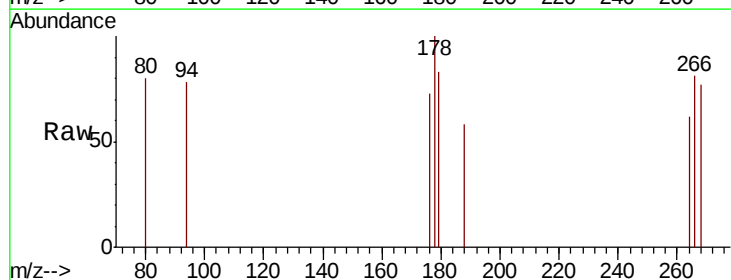
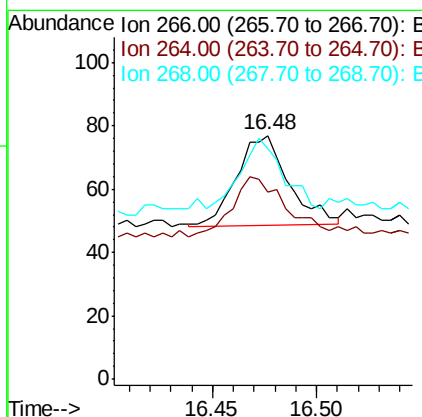
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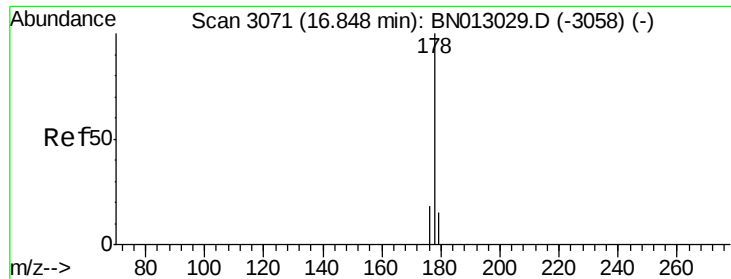
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#11
Pentachlorophenol
 Concen: 0.029 ng/ul
 RT: 16.48 min Scan# 2983
 Delta R.T. 0.00 min
 Lab File: BN013034.D
 Acq: 10 Dec 2020 05:09

Tgt Ion	Ratio	Lower	Upper
266	100		
264	74.0	51.5	77.3
268	68.0	56.0	84.0





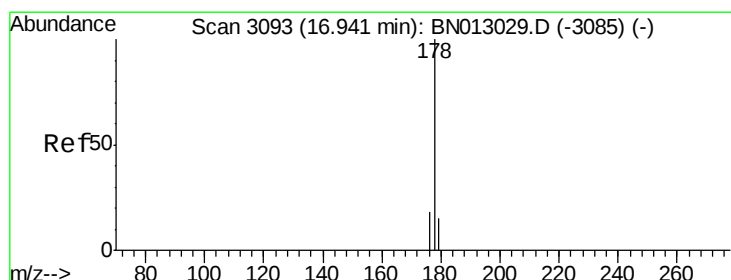
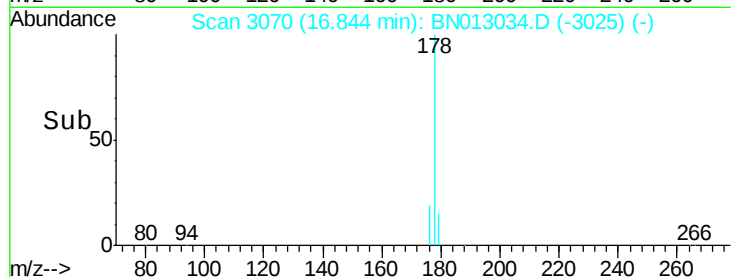
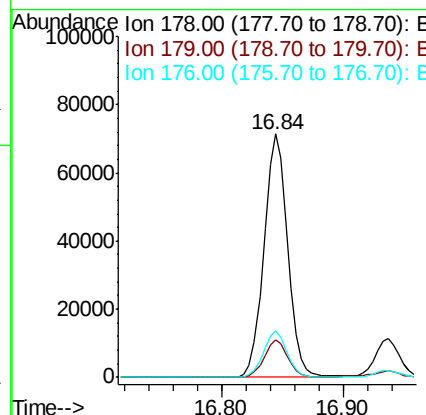
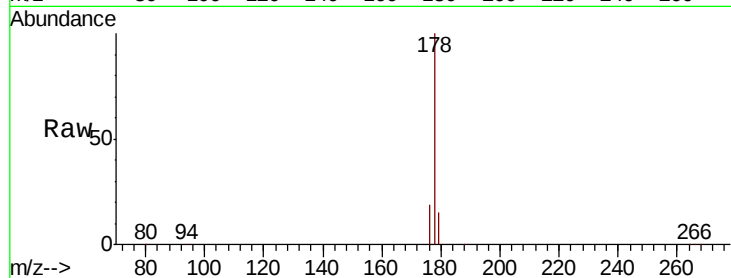
#12
Phenanthrene
Concen: 4.797 ng/ul
RT: 16.84 min Scan# 3070
Delta R.T. -0.01 min
Lab File: BN013034.D
Acq: 10 Dec 2020 05:09

Instrument :
BNA_N
ClientSampleId :
C0B46

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.6	20.4
176	18.9	16.4	24.6

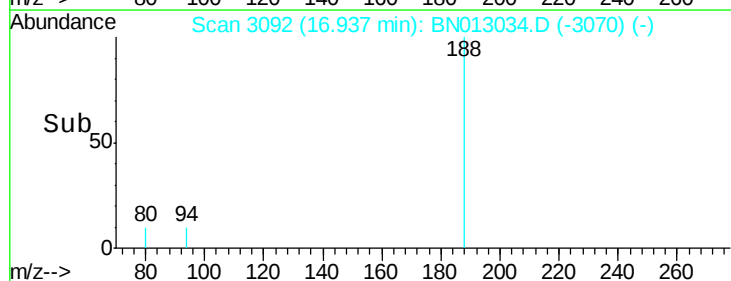
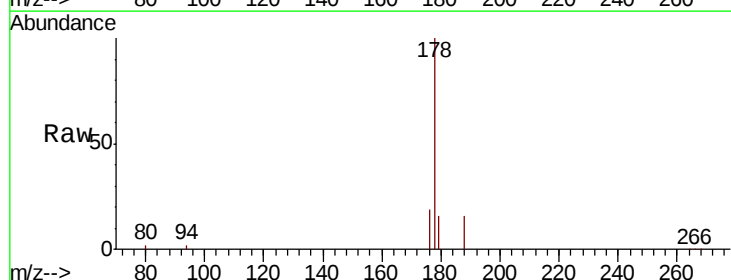
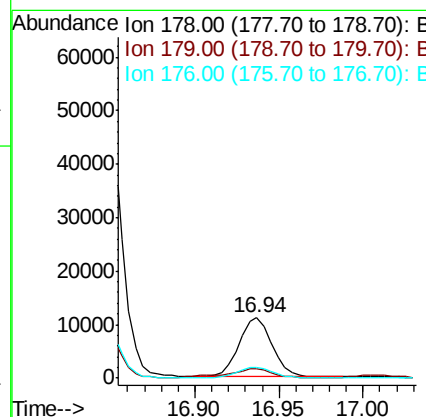
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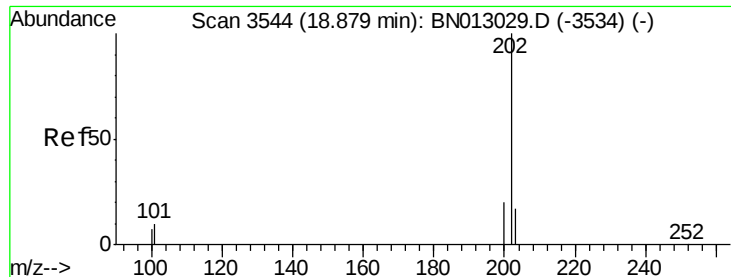
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#13
Anthracene
Concen: 0.902 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN013034.D
Acq: 10 Dec 2020 05:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	14.6	21.8
176	18.6	17.1	25.7





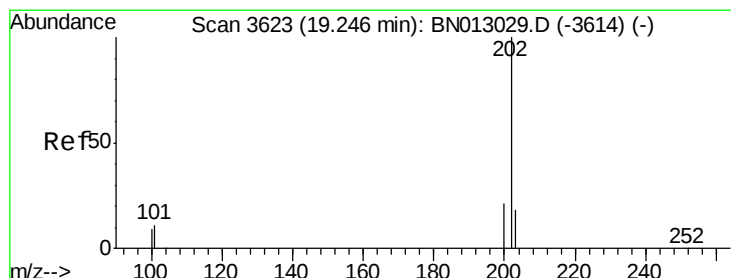
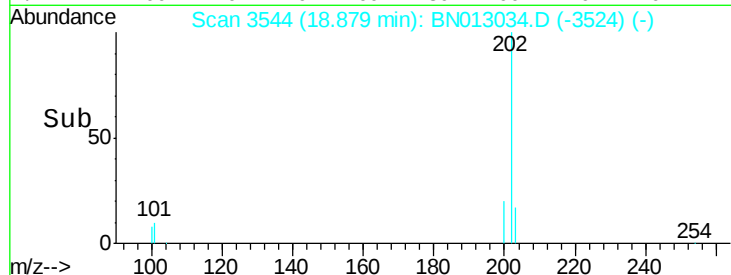
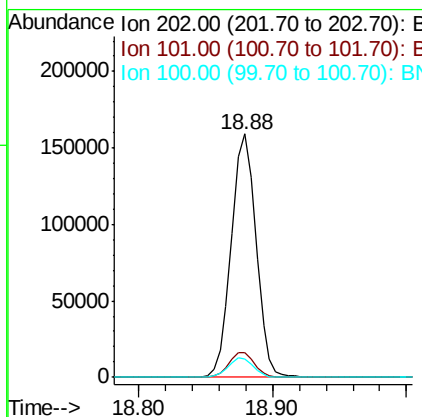
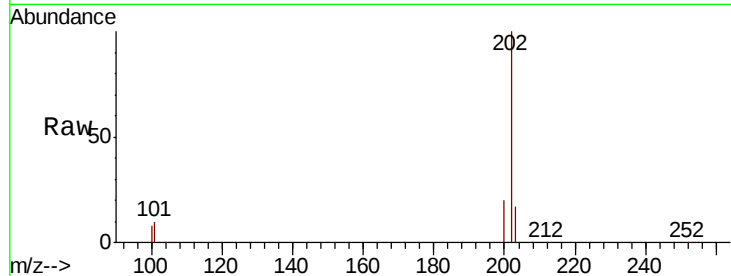
#15
Fluoranthene
Concen: 8.646 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN013034.D
Acq: 10 Dec 2020 05:09

Instrument :
BNA_N
ClientSampleId :
C0B46

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.1	0.0	30.6
100	7.7	0.0	28.7

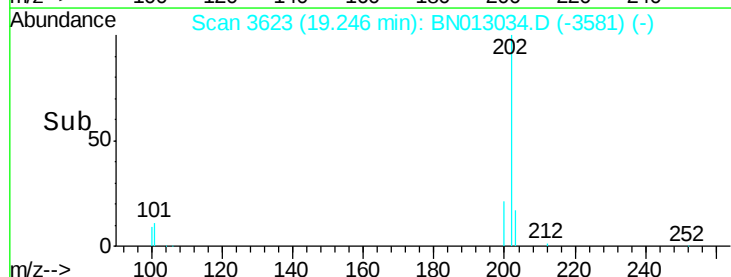
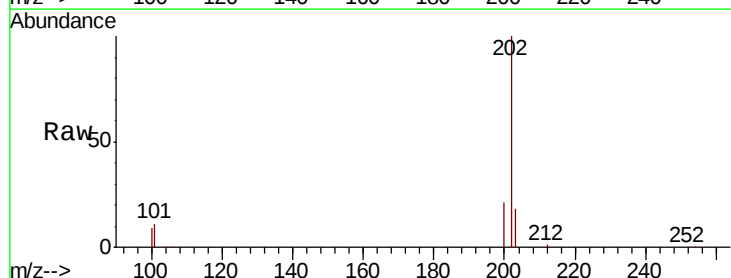
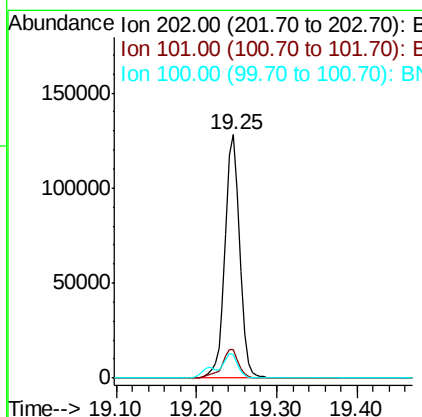
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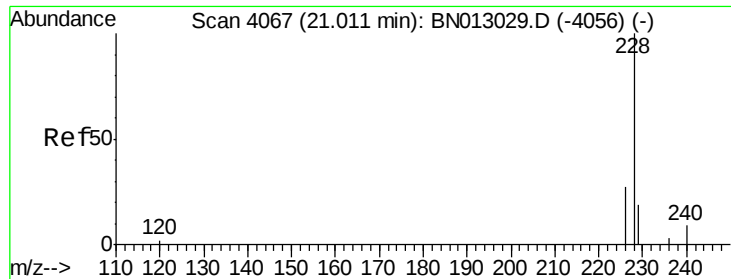
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#17
Pyrene
Concen: 7.356 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013034.D
Acq: 10 Dec 2020 05:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.5	9.1	13.7
100	9.4	7.5	11.3





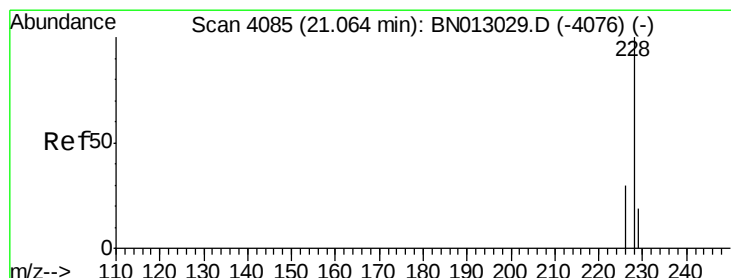
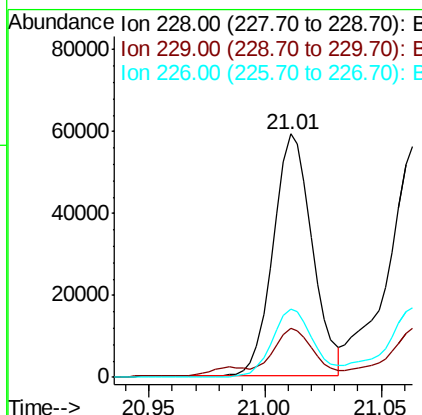
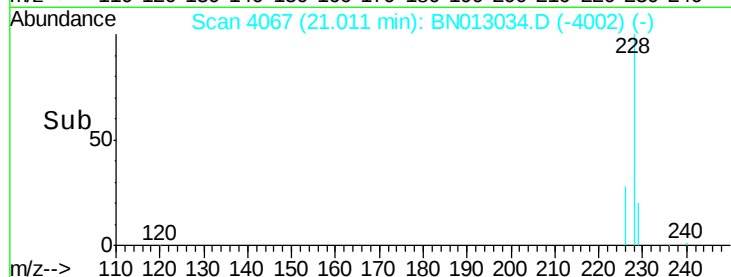
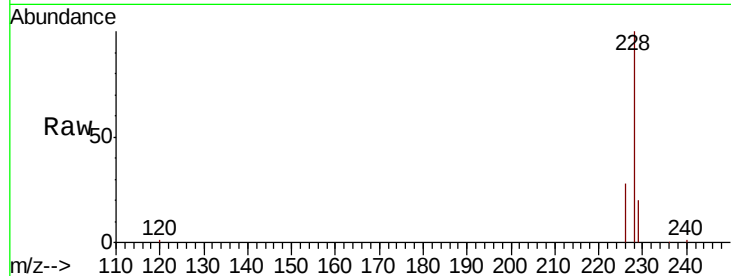
#18
Benzo(a)anthracene
Concen: 3.604 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.01 min
Lab File: BN013034.D
Acq: 10 Dec 2020 05:09

Instrument :
BNA_N
ClientSampleId :
C0B46

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.3	24.5
226	27.8	23.4	35.2

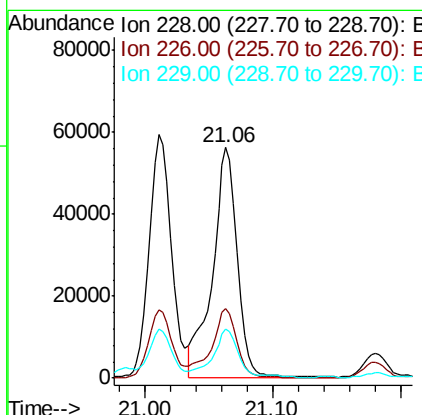
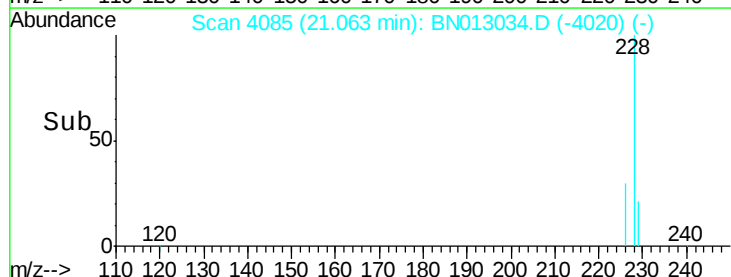
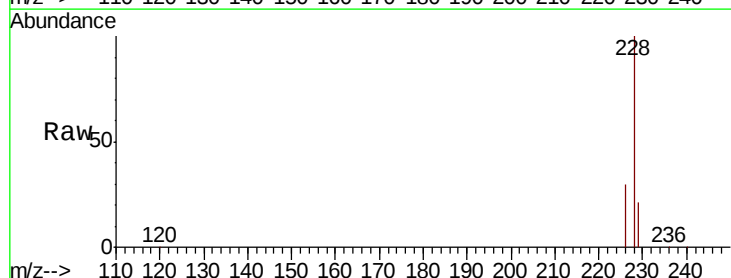
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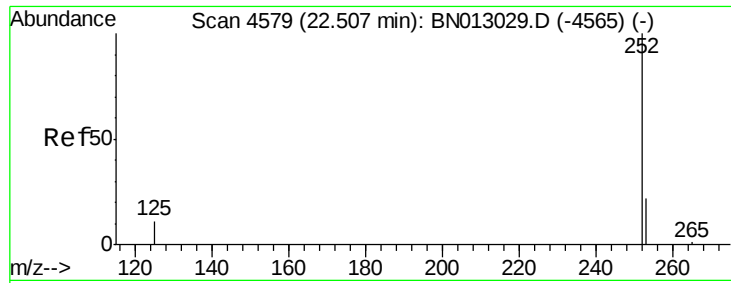
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#19
Chrysene
Concen: 3.559 ng/ul
RT: 21.06 min Scan# 4085
Delta R.T. -0.01 min
Lab File: BN013034.D
Acq: 10 Dec 2020 05:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	21.0	16.4	24.6





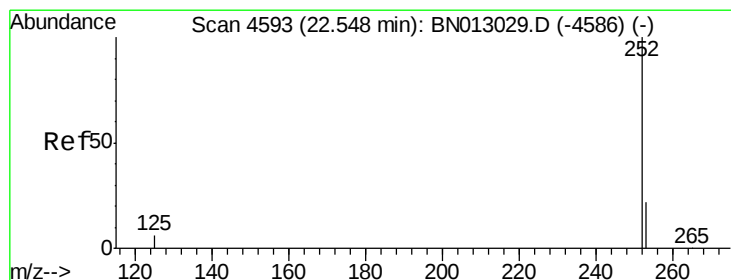
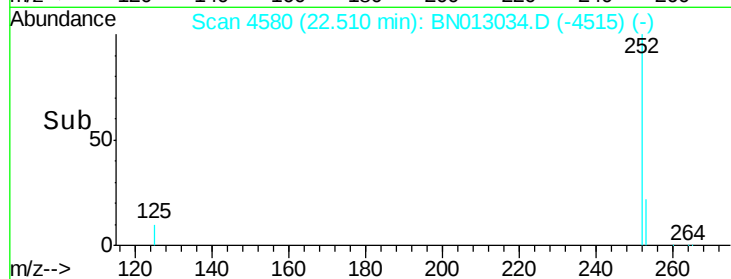
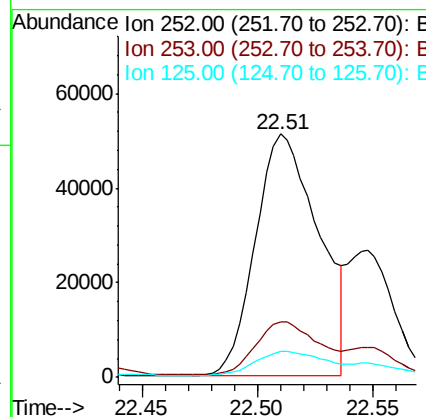
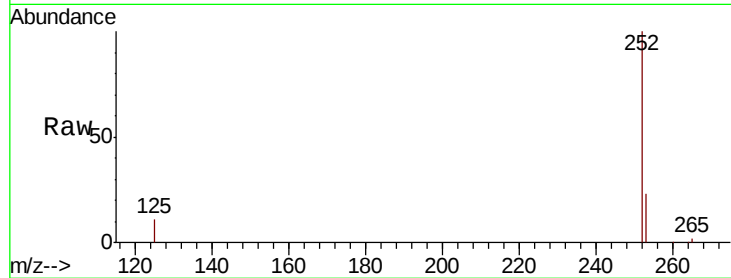
#21
Benzo(b)fluoranthene
Concen: 5.081 ng/ul m
RT: 22.51 min Scan# 4580
Delta R.T. -0.01 min
Lab File: BN013034.D
Acq: 10 Dec 2020 05:09

Instrument :
BNA_N
ClientSampleId :
C0B46

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	59.6
125	10.5	0.0	26.0

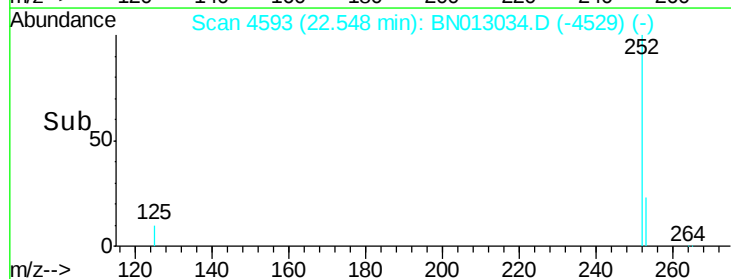
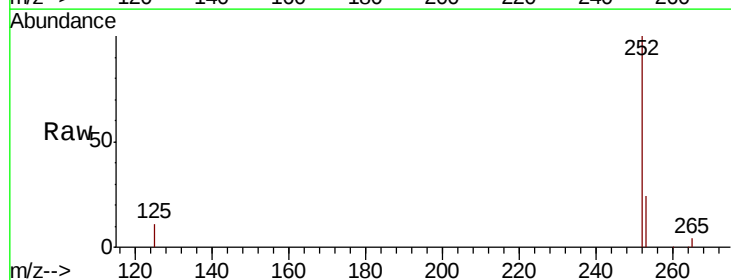
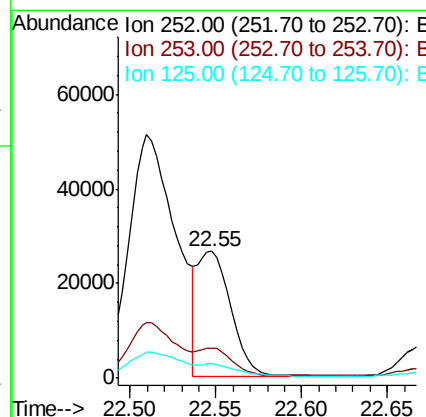
Manual Integrations
APPROVED

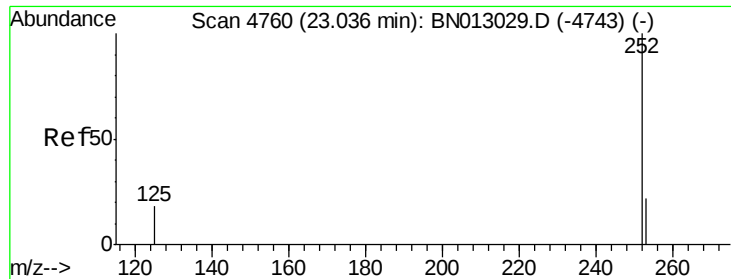
mohammad
12/11/2020 1:19:01 PM



#22
Benzo(k)fluoranthene
Concen: 1.687 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. -0.01 min
Lab File: BN013034.D
Acq: 10 Dec 2020 05:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	23.4	35.2
125	11.1	11.1	16.7#





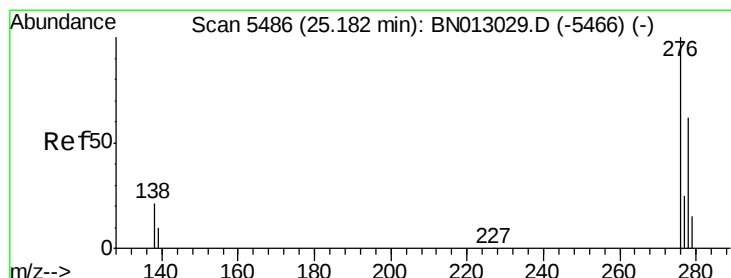
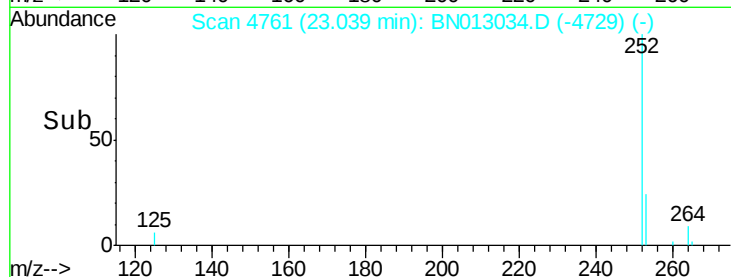
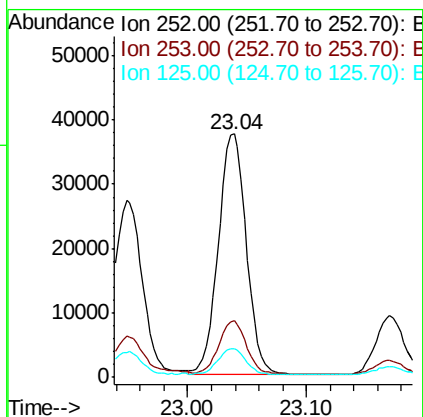
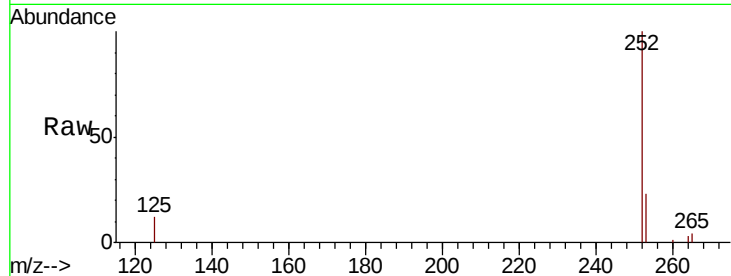
#23
Benzo(a)pyrene
Concen: 3.470 ng/ul
RT: 23.04 min Scan# 4761
Delta R.T. -0.01 min
Lab File: BN013034.D
Acq: 10 Dec 2020 05:09

Instrument :
BNA_N
ClientSampled :
C0B46

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	26.5	39.7#
125	11.8	14.2	21.2#

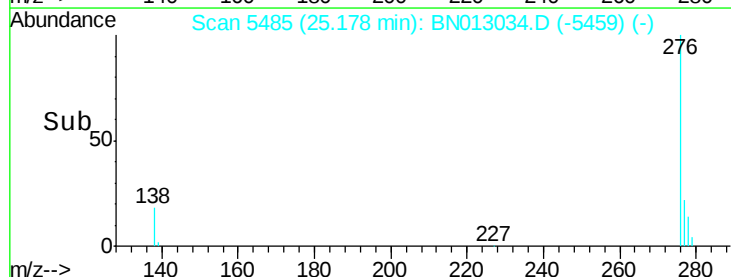
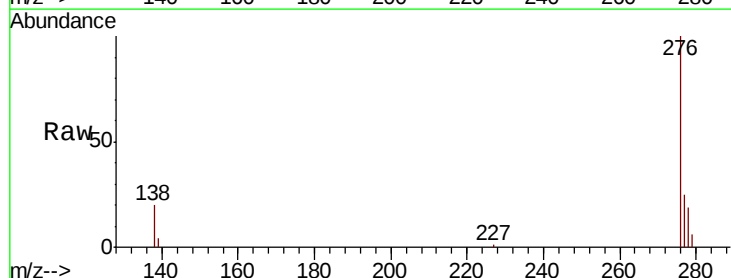
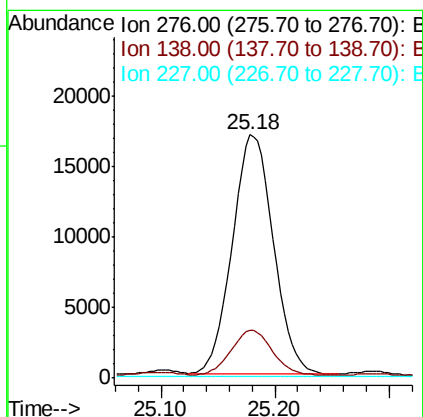
Manual Integrations
APPROVED

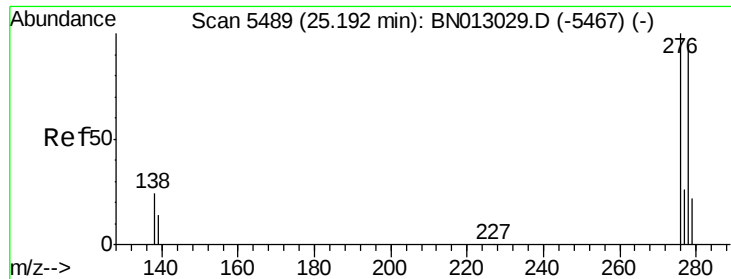
mohammad
12/11/2020 1:19:01 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 1.812 ng/ul
RT: 25.18 min Scan# 5485
Delta R.T. -0.01 min
Lab File: BN013034.D
Acq: 10 Dec 2020 05:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.2	24.2
227	0.2	0.0	0.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.528 ng/ul

RT: 25.18 min Scan# 5487

Delta R.T. -0.02 min

Lab File: BN013034.D

Acq: 10 Dec 2020 05:09

Instrument :

BNA_N

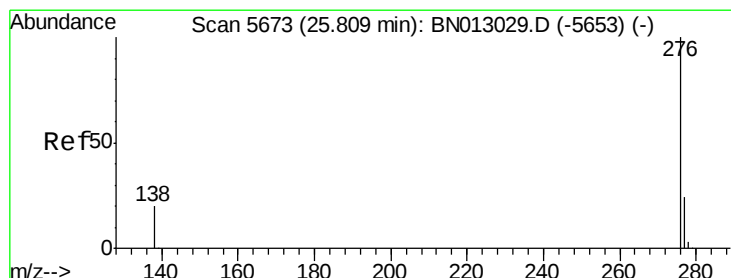
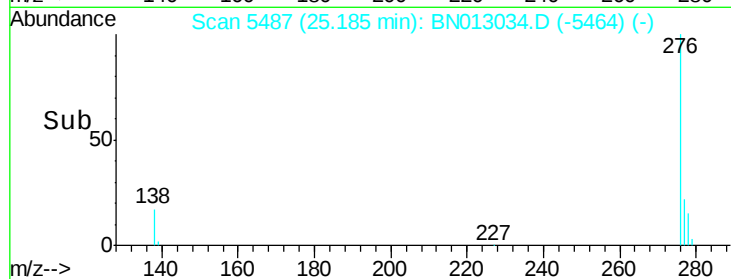
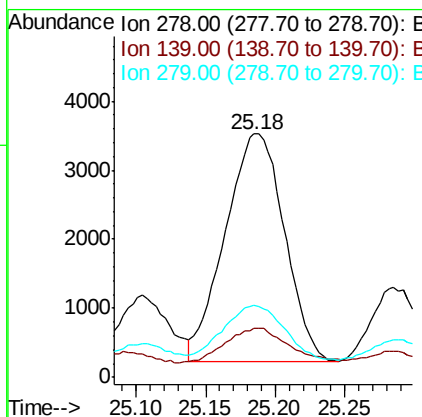
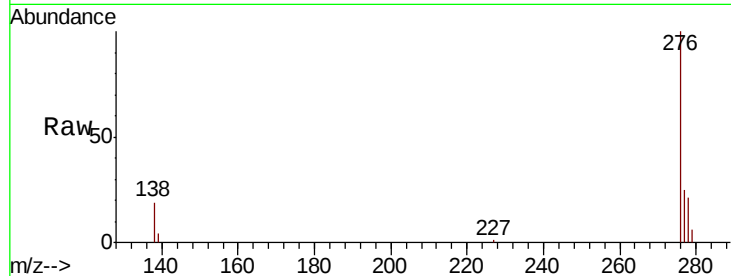
ClientSampleId :

C0B46

Tot Ion:	278	Resp:	9747
Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.5	21.7
279	29.5	26.3	39.5

Manual Integrations
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mohammad
12/11/2020 1:19:01 PM



#26

Benzo(g,h,i)perylene

Concen: 1.683 ng/ul

RT: 25.81 min Scan# 5673

Delta R.T. -0.01 min

Lab File: BN013034.D

Acq: 10 Dec 2020 05:09

Tgt Ion:	276	Resp:	35571
Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.3	24.5
277	23.9	21.8	32.6

