

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012788.D
 Acq On : 01 Dec 2020 18:52
 Operator : CG/JU
 Sample : L4793-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BG7

Manual Integrations
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Quant Time: Dec 02 01:11:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 00:53:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	999	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	4227	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2419	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	5080	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4293	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4476	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	806	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1914	0.14	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.23	128	291	0.023	ng/ul#	58
5) 2-Methylnaphthalene	11.86	142	163	0.020	ng/ul	96
7) Acenaphthylene	13.80	152	432	0.037	ng/ul#	73
8) Acenaphthene	14.14	153	472	0.047	ng/ul	96
9) Fluorene	15.14	166	399	0.037	ng/ul#	94
12) Phenanthrene	16.87	178	9426	0.533	ng/ul	97
13) Anthracene	16.97	178	1554	0.101	ng/ul	96
15) Fluoranthene	18.91	202	24963	1.223	ng/ul	98
17) Pyrene	19.27	202	22809	1.188	ng/ul	99
18) Benzo(a)anthracene	21.04	228	10987	0.714	ng/ul	98
19) Chrysene	21.09	228	13592	0.707	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	19615m	0.953	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	6772m	0.285	ng/ul	
23) Benzo(a)pyrene	23.07	252	12545	0.647	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.23	276	9453	0.373	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.24	278	2277	0.112	ng/ul#	83
26) Benzo(a,h,i)perylene	25.87	276	8879	0.389	ng/ul	97

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

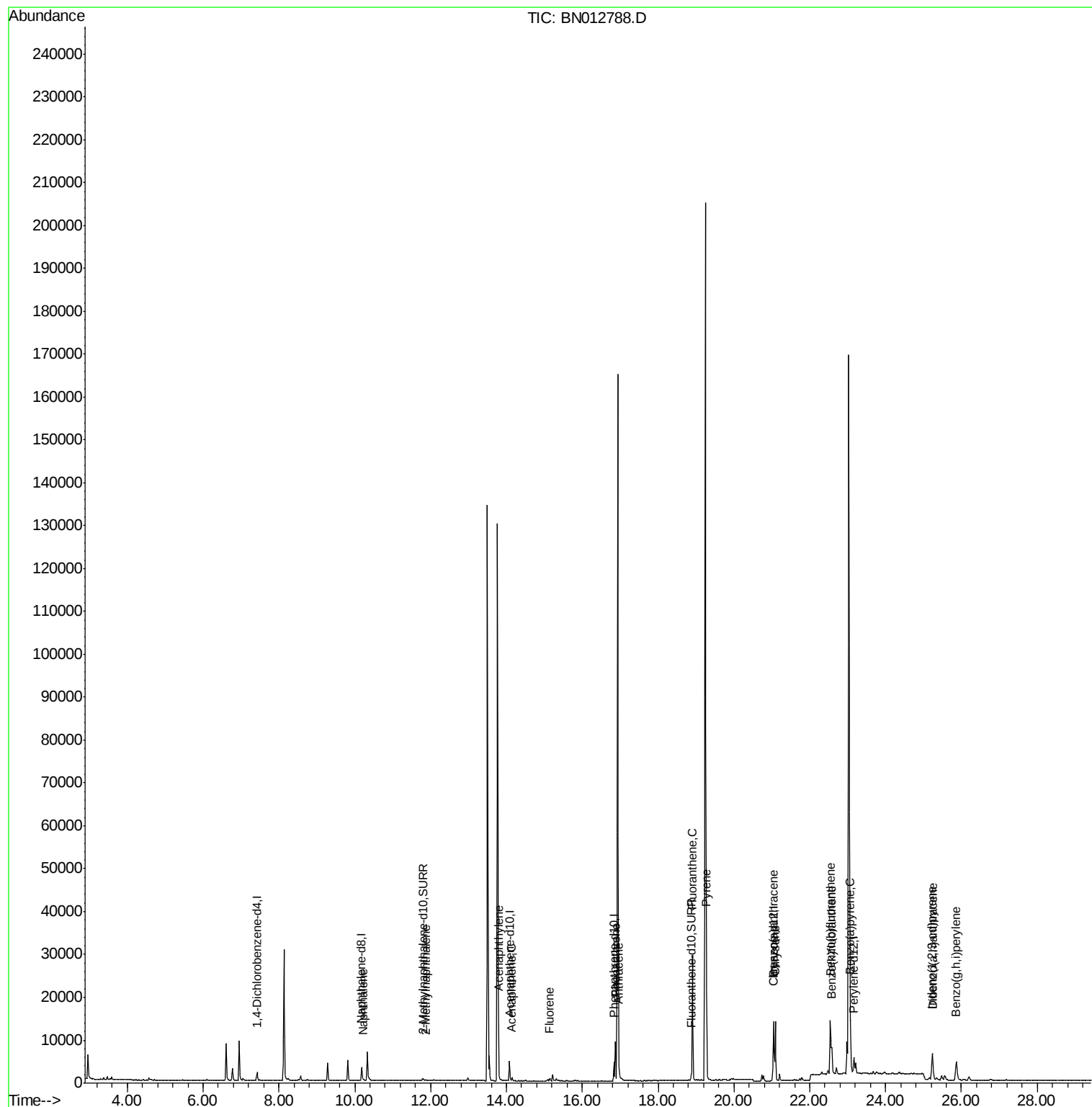
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012788.D
Acq On : 01 Dec 2020 18:52
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Sample : L4793-22
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ALS Vial : 15 Sample Multiplier: 1

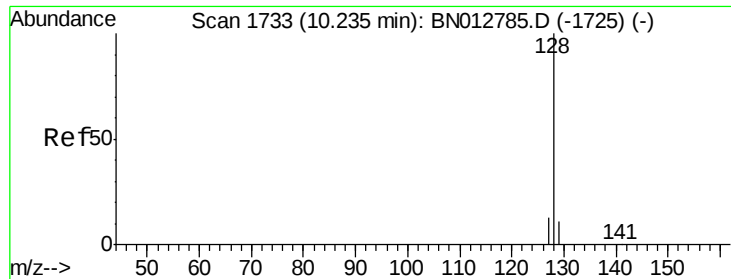
Instrument :
BNA_N
ClientSampleId :
C0BG7

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Quant Time: Dec 02 01:11:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 00:53:21 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.23 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BN012788.D

Acq: 01 Dec 2020 18:52

Instrument :

BNA_N

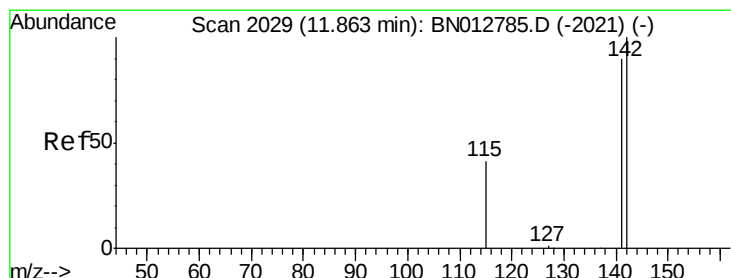
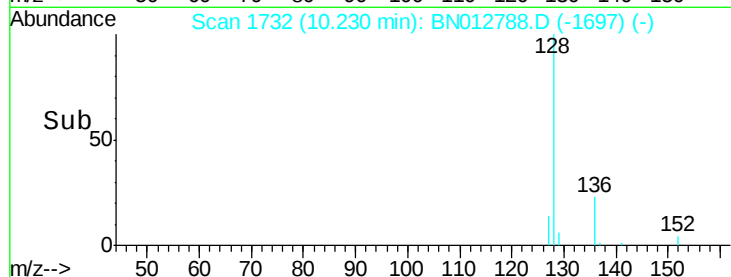
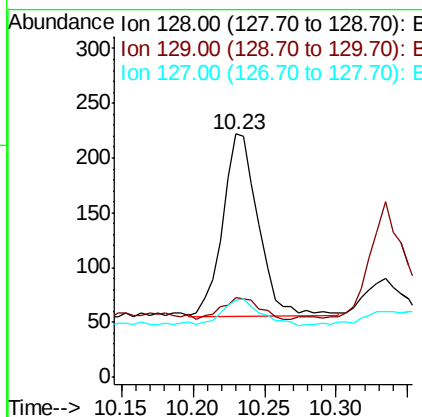
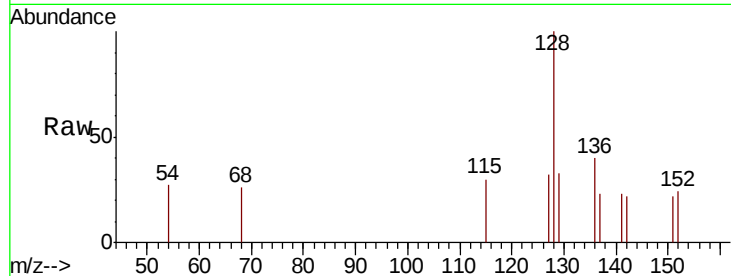
ClientSampleId :

C0BG7

Tot Ion:	128	Resp:	291
Ion Ratio	Lower	Upper	
128	100		
129	32.9	11.2	16.8#
127	31.5	12.5	18.7#

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#5

2-Methylnaphthalene

Concen: 0.020 ng/ul

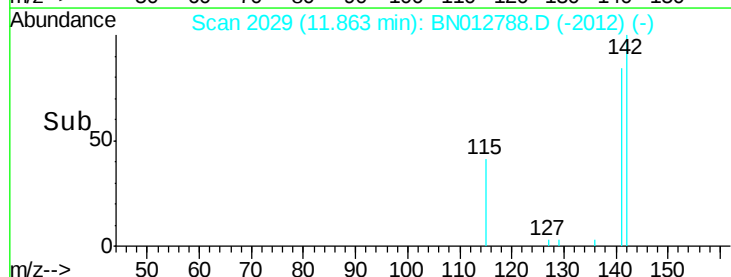
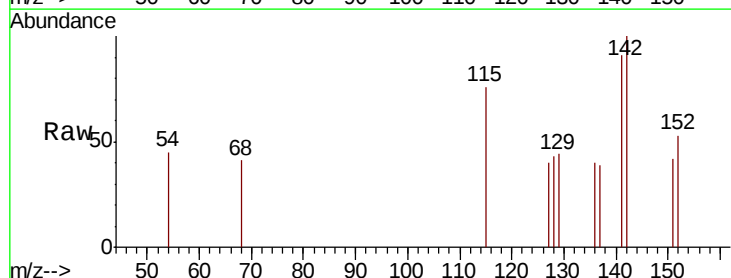
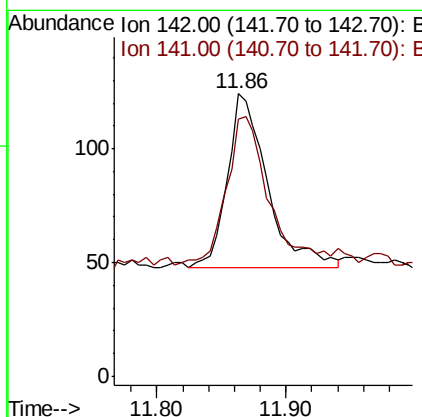
RT: 11.86 min Scan# 2029

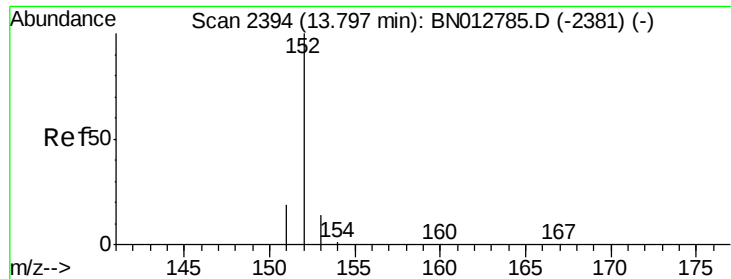
Delta R.T. -0.01 min

Lab File: BN012788.D

Acq: 01 Dec 2020 18:52

Tgt Ion:	142	Resp:	163
Ion Ratio	Lower	Upper	
142	100		
141	94.5	72.3	108.5





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 13.80 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BN012788.D

Acq: 01 Dec 2020 18:52

Instrument :

BNA_N

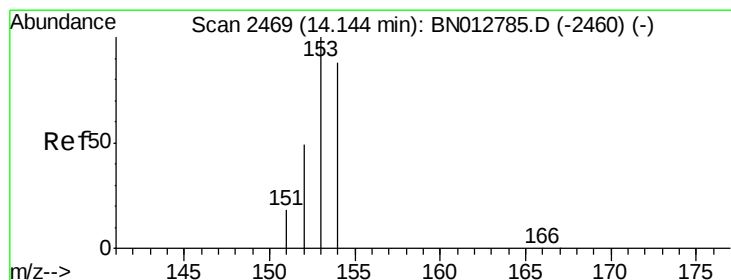
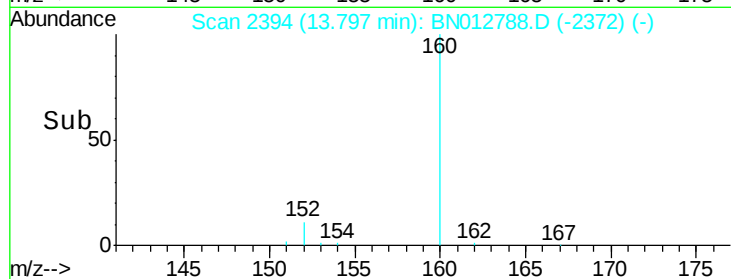
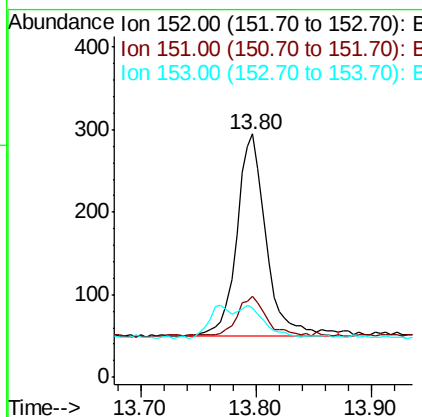
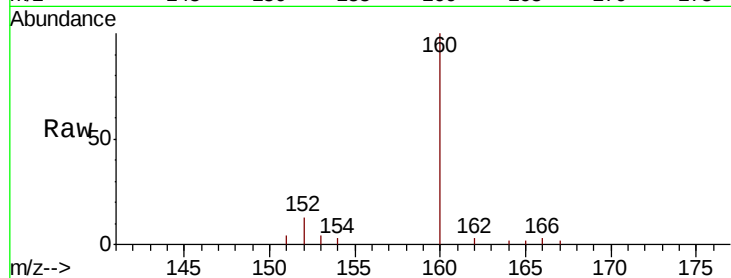
ClientSampleId :

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Tot Ion:	152	Resp:	432
Ion Ratio	Lower	Upper	
152	100		
151	33.2	17.1	25.7#
153	28.5	12.6	19.0#

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#8

Acenaphthene

Concen: 0.047 ng/ul

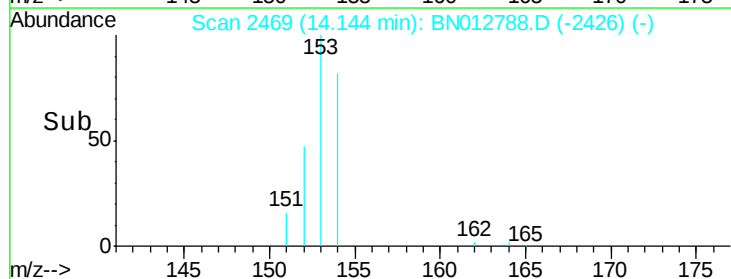
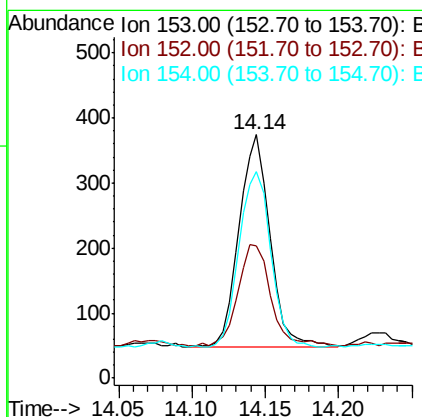
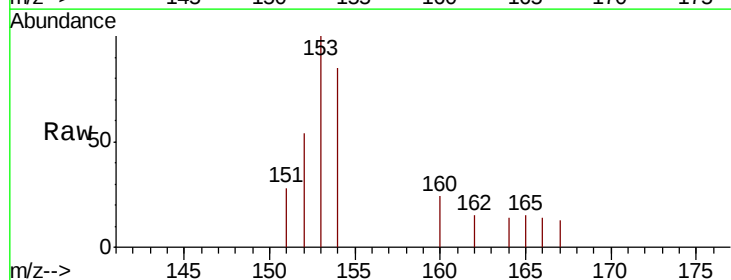
RT: 14.14 min Scan# 2469

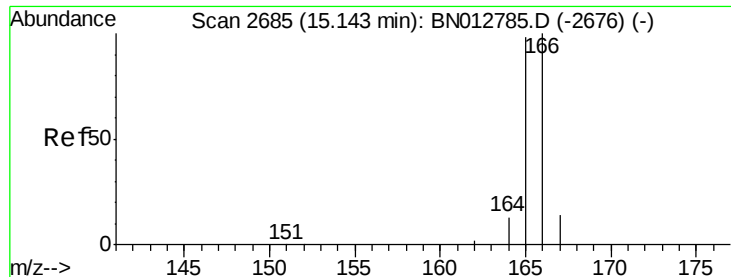
Delta R.T. 0.00 min

Lab File: BN012788.D

Acq: 01 Dec 2020 18:52

Tgt Ion:	153	Resp:	472
Ion Ratio	Lower	Upper	
153	100		
152	54.3	41.4	62.0
154	84.8	70.9	106.3





#9

Fluorene

Concen: 0.037 ng/ul

RT: 15.14 min Scan# 2684

Delta R.T. -0.00 min

Lab File: BN012788.D

Acq: 01 Dec 2020 18:52

Instrument :

BNA_N

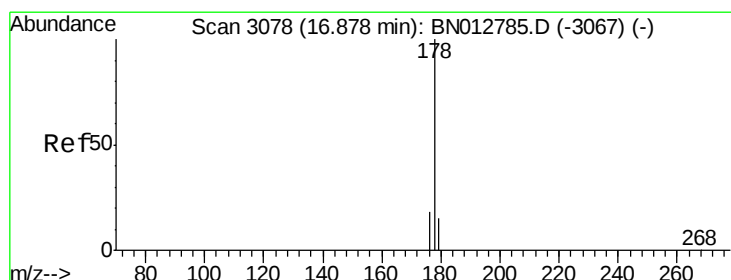
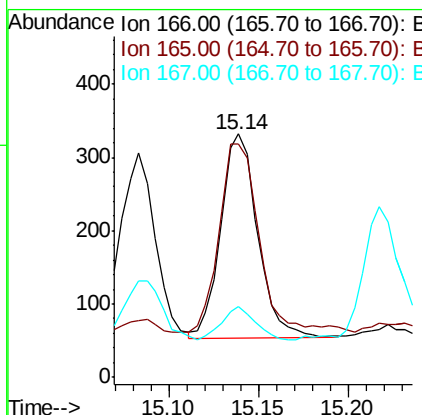
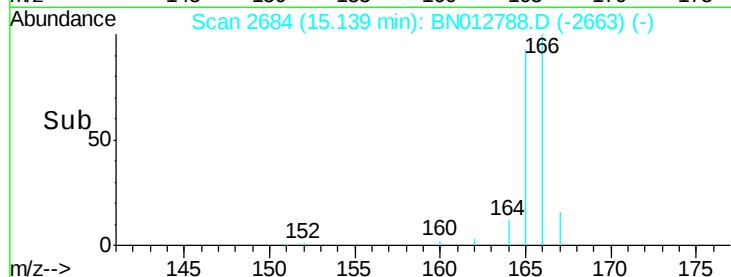
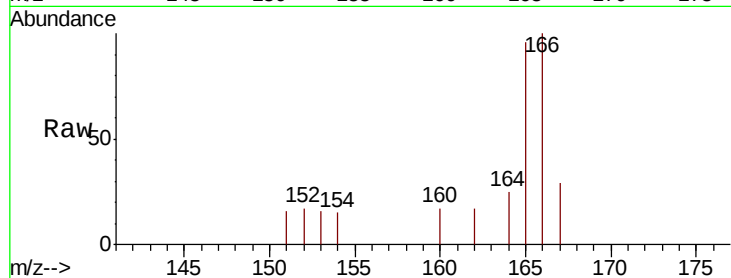
ClientSampleId :

C0BG7

Tot Ion:	166	Resp:	399
Ion Ratio	Lower	Upper	
166	100		
165	95.8	78.5	117.7
167	28.9	12.7	19.1#

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#12

Phenanthrene

Concen: 0.533 ng/ul

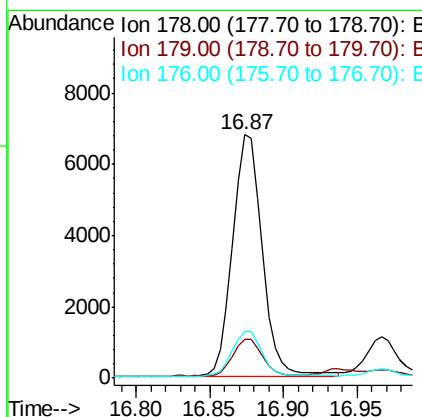
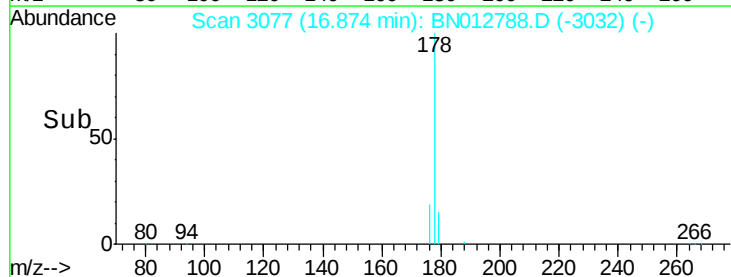
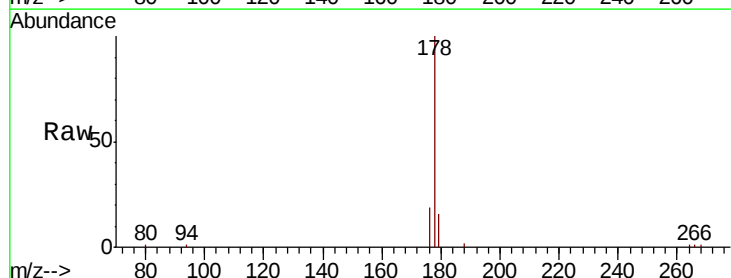
RT: 16.87 min Scan# 3077

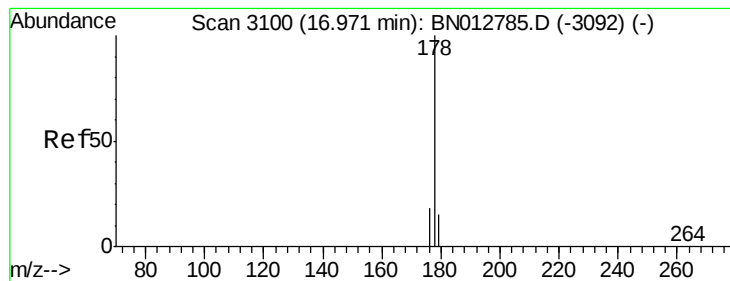
Delta R.T. -0.01 min

Lab File: BN012788.D

Acq: 01 Dec 2020 18:52

Tgt Ion:	178	Resp:	9426
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.8	20.6
176	19.2	16.7	25.1





#13

Anthracene

Concen: 0.101 ng/ul

RT: 16.97 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN012788.D

Acq: 01 Dec 2020 18:52

Instrument :

BNA_N

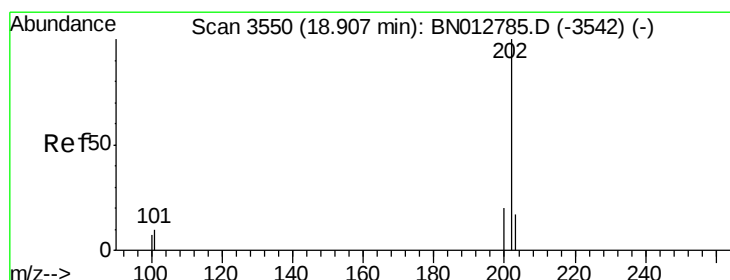
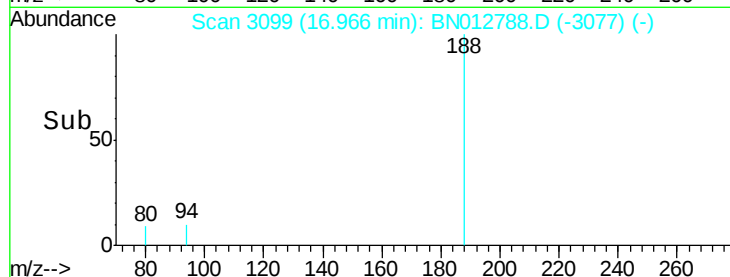
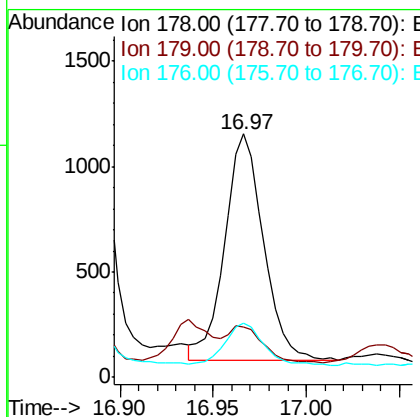
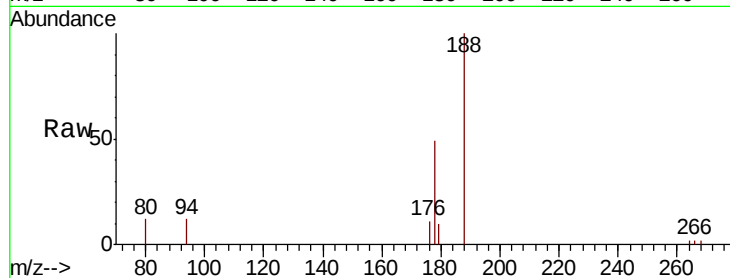
ClientSampleId :

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Tot Ion:	178	Resp:	1554
Ion Ratio	Lower	Upper	
178	100		
179	20.8	14.8	22.2
176	22.2	16.3	24.5

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#15

Fluoranthene

Concen: 1.223 ng/ul

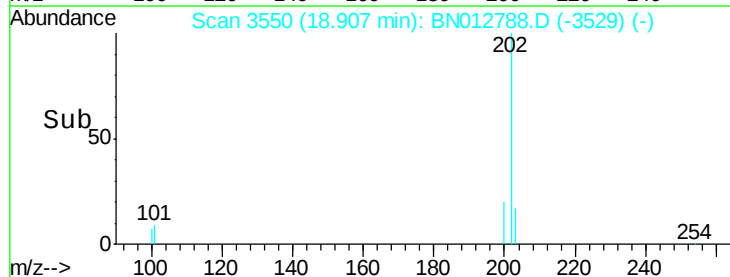
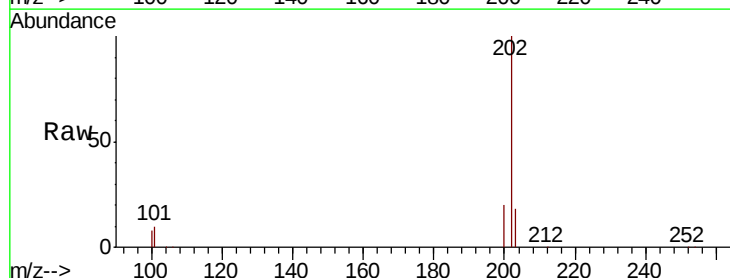
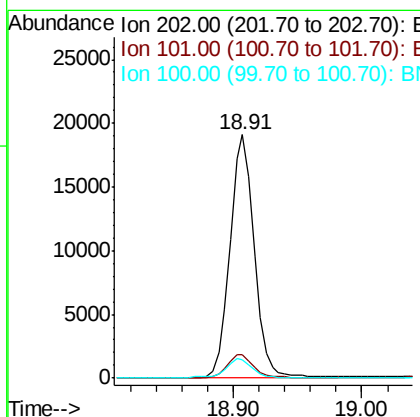
RT: 18.91 min Scan# 3550

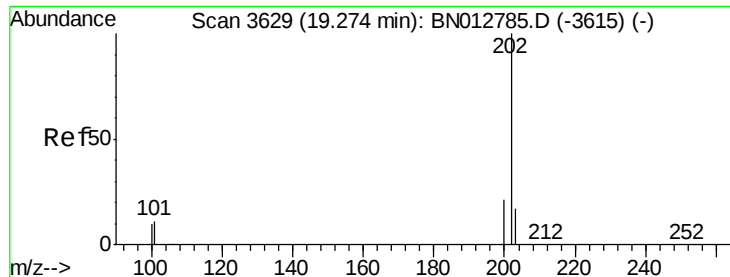
Delta R.T. -0.00 min

Lab File: BN012788.D

Acq: 01 Dec 2020 18:52

Tgt Ion:	202	Resp:	24963
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.5
100	7.5	0.0	28.4





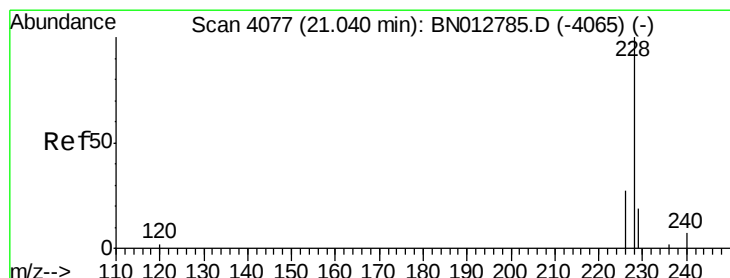
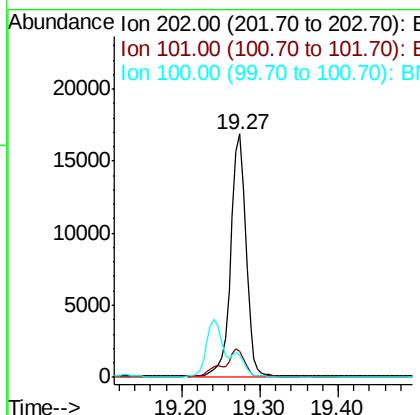
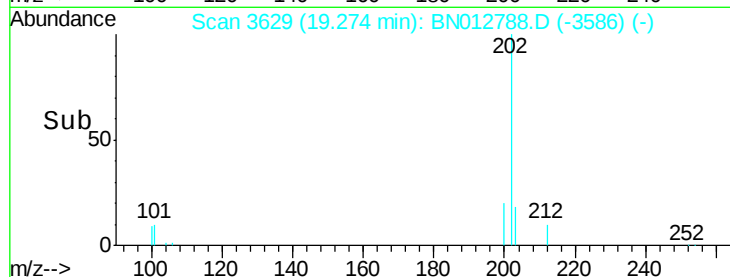
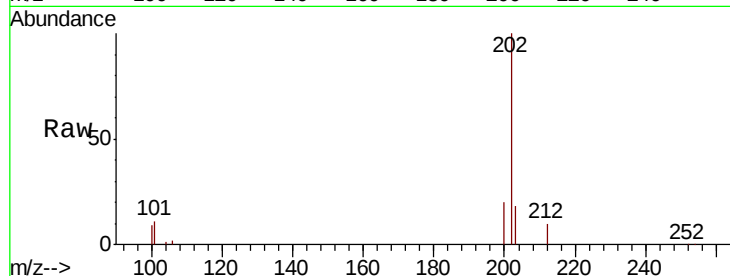
#17
Pvrene
Concen: 1.188 ng/ul
RT: 19.27 min Scan# 3629
Delta R.T. 0.00 min
Lab File: BN012788.D
Acq: 01 Dec 2020 18:52

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	8.9	13.3
100	9.2	7.4	11.2

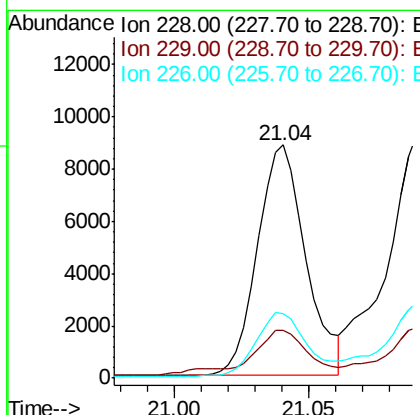
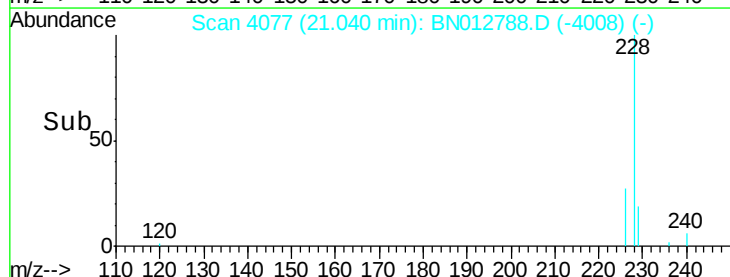
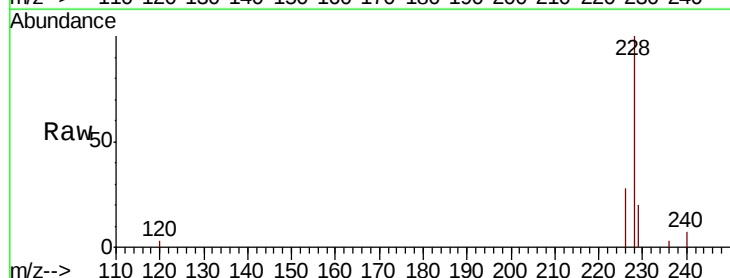
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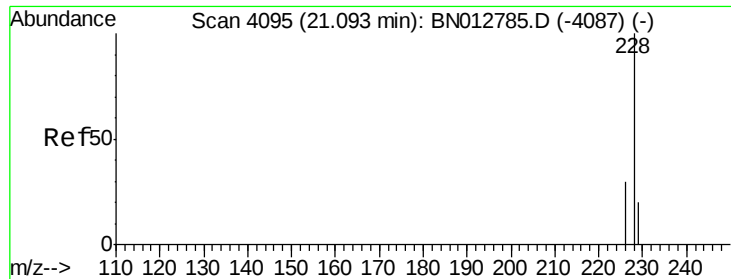
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#18
Benzo(a)anthracene
Concen: 0.714 ng/ul
RT: 21.04 min Scan# 4077
Delta R.T. 0.00 min
Lab File: BN012788.D
Acq: 01 Dec 2020 18:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	16.9	25.3
226	27.9	23.1	34.7





#19

Chrysene

Concen: 0.707 ng/ul

RT: 21.09 min Scan# 4094

Delta R.T. -0.00 min

Lab File: BN012788.D

Acq: 01 Dec 2020 18:52

Instrument :

BNA_N

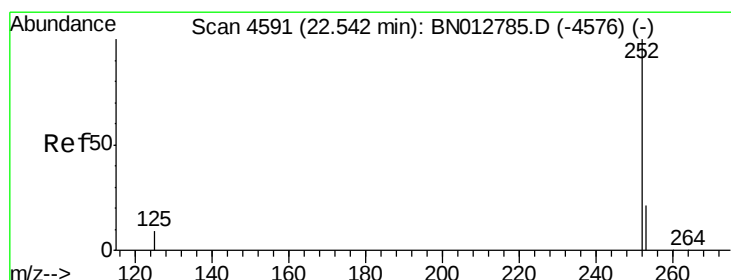
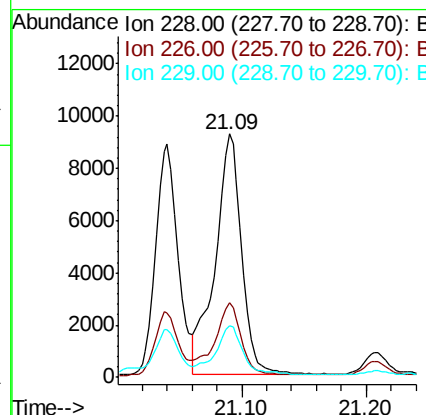
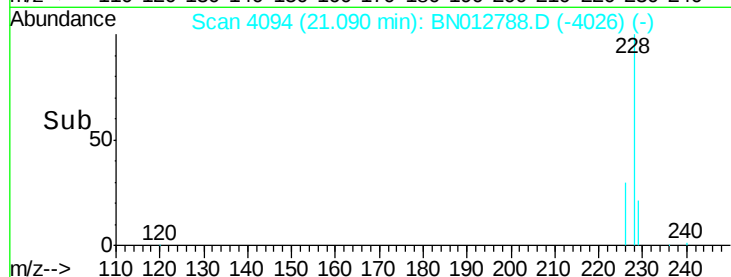
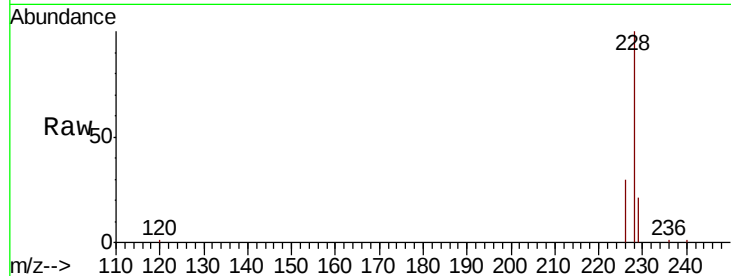
ClientSampleId :

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Tot Ion:	228	Resp:	13592
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.4	36.6
229	21.3	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 0.953 ng/ul m

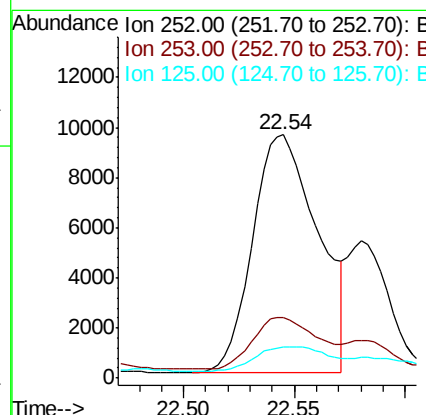
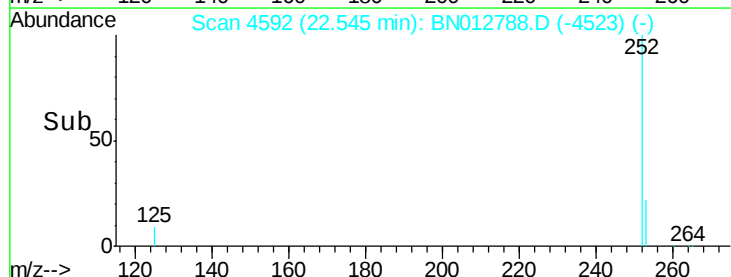
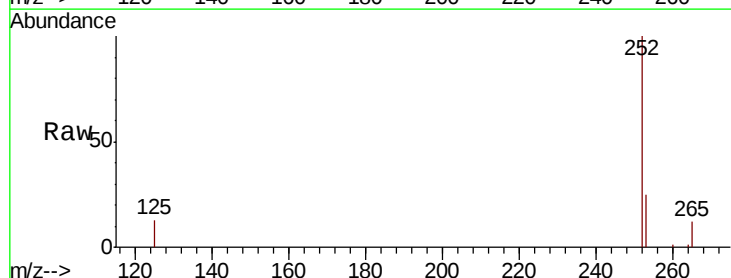
RT: 22.54 min Scan# 4592

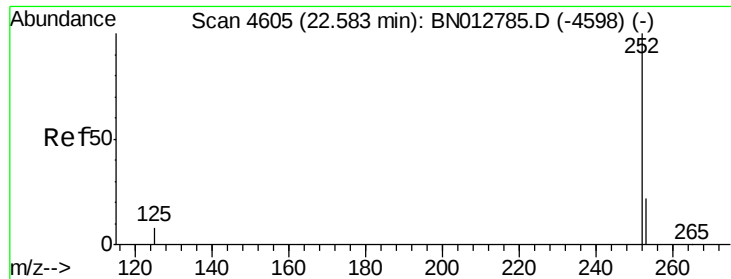
Delta R.T. 0.00 min

Lab File: BN012788.D

Acq: 01 Dec 2020 18:52

Tgt Ion:	252	Resp:	19615
Ion Ratio	Lower	Upper	
252	100		
253	24.8	0.0	58.4
125	12.6	0.0	28.6





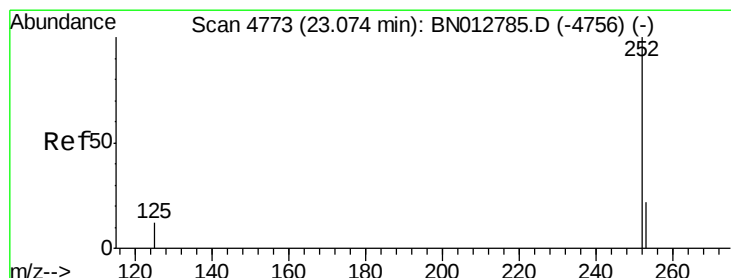
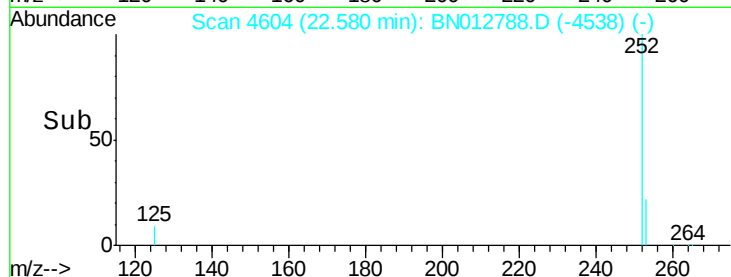
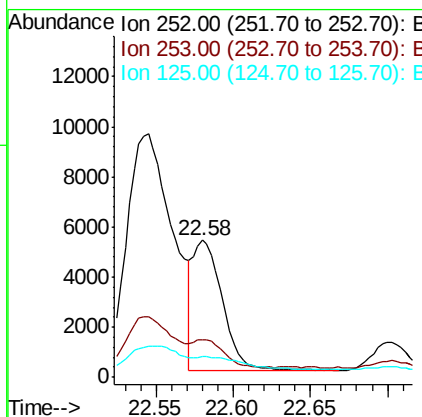
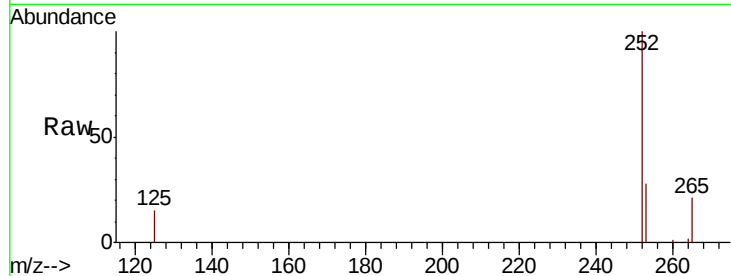
#22
Benzo(k)fluoranthene
Concen: 0.285 ng/ul m
RT: 22.58 min Scan# 4604
Delta R.T. -0.01 min
Lab File: BN012788.D
Acq: 01 Dec 2020 18:52

Instrument :
BNA_N
ClientSampleId :
C0BG7

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	23.4	35.2
125	14.8	10.2	15.2

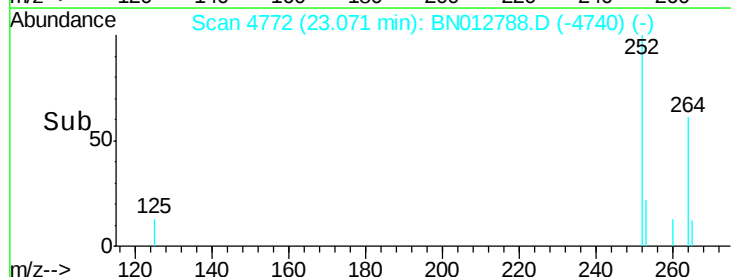
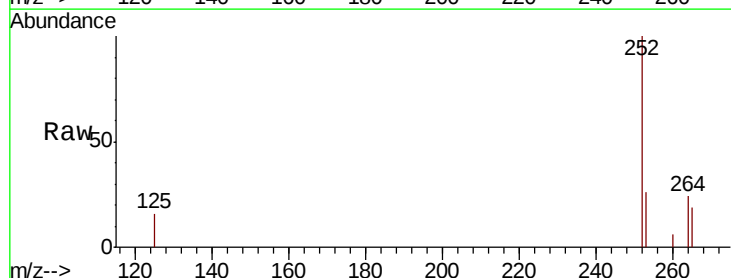
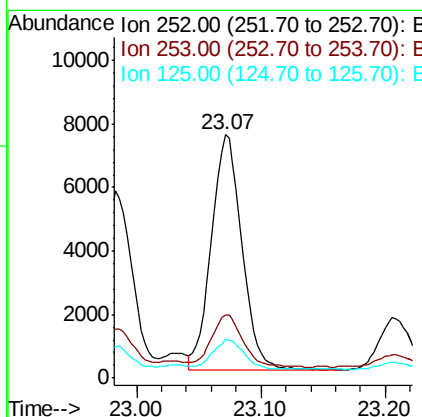
Manual Integrations
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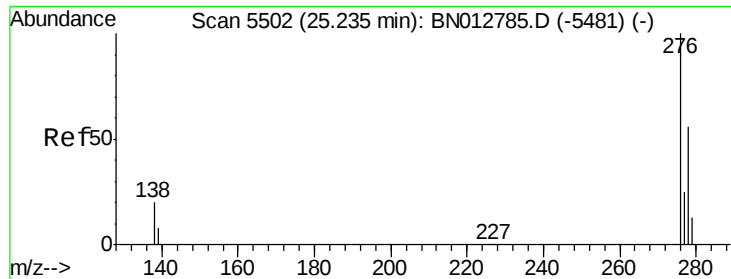
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#23
Benzo(a)pyrene
Concen: 0.647 ng/ul
RT: 23.07 min Scan# 4772
Delta R.T. -0.01 min
Lab File: BN012788.D
Acq: 01 Dec 2020 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	27.6	41.4#
125	15.8	17.0	25.4#





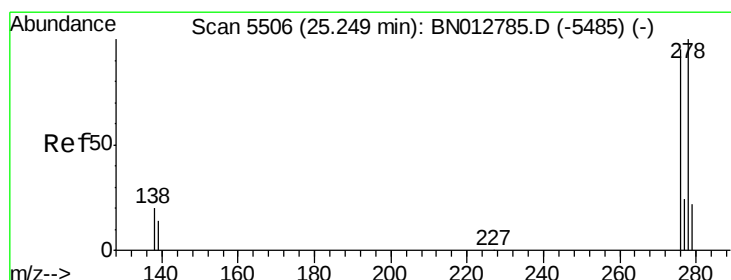
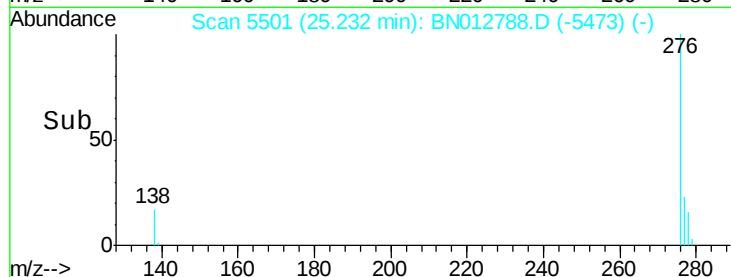
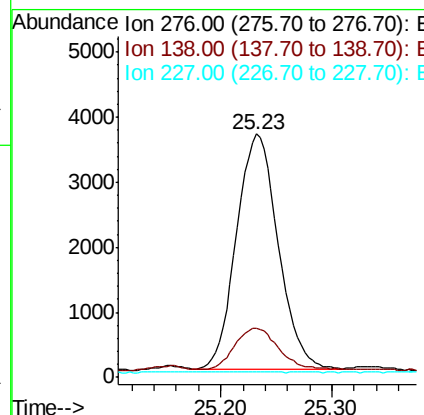
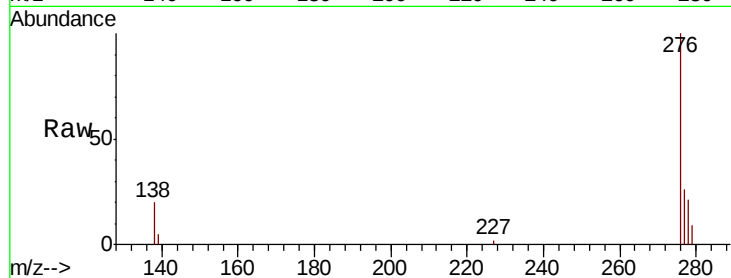
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/uL
RT: 25.23 min Scan# 5501
Delta R.T. -0.01 min
Lab File: BN012788.D
Acq: 01 Dec 2020 18:52

Instrument :
BNA_N
ClientSampleID :
C0BG7

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.5	24.7
227	0.1	0.1	0.1#

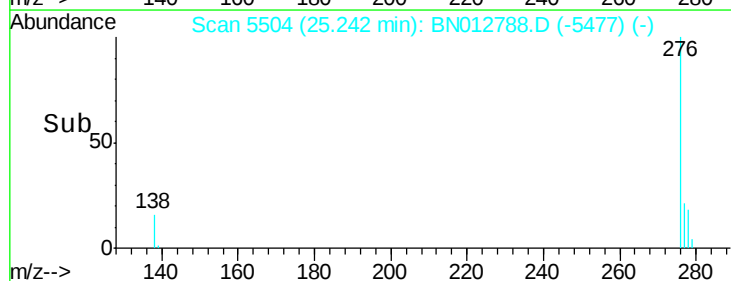
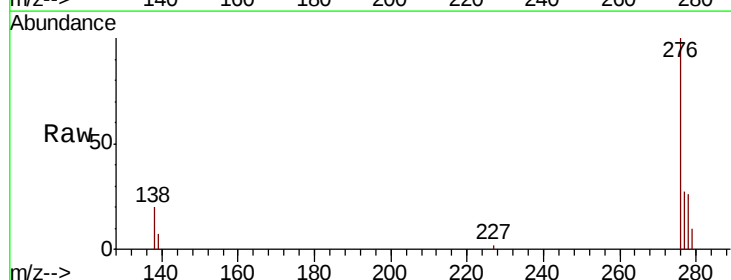
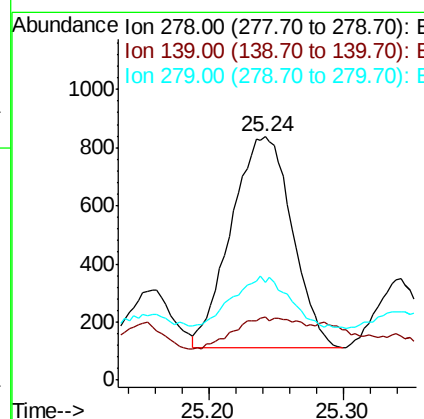
Manual Integrations
APPROVED

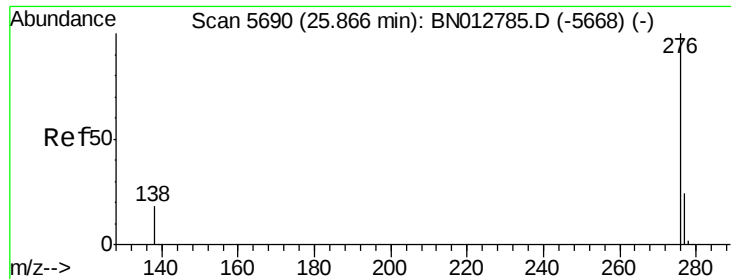
mohammad
12/2/2020 2:27:38 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.112 ng/uL
RT: 25.24 min Scan# 5504
Delta R.T. -0.01 min
Lab File: BN012788.D
Acq: 01 Dec 2020 18:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.8	13.8	20.8#
279	40.3	25.6	38.4#





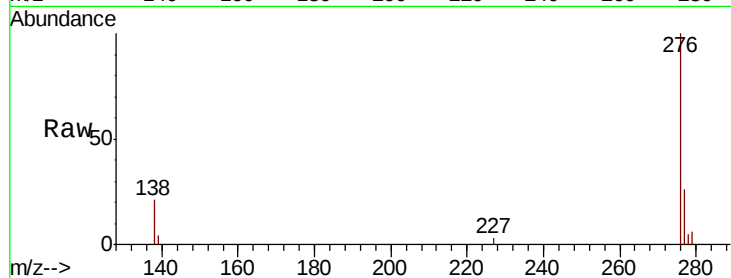
#26
 Benzo(a,h,i)perylene
 Concen: 0.389 ng/ul
 RT: 25.87 min Scan# 5690
 Delta R.T. 0.00 min
 Lab File: BN012788.D
 Acq: 01 Dec 2020 18:52

Instrument :
 BNA_N
 ClientSampleId :
 C0BG7

Tot Ion:	276	Resp:	8879
Ion Ratio	Lower	Upper	
276	100		
138	21.3	16.3	24.5
277	25.8	21.8	32.8

Manual Integrations
 APPROVED

mohammad
 12/2/2020 2:27:38 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

