

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012787.D
 Acq On : 01 Dec 2020 18:15
 Operator : CG/JU
 Sample : L4793-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B49

Manual Integrations
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Quant Time: Dec 02 01:08:09 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	974	0.40	ng/ul	0.00
2) Naphthalene-d8	10.19	136	4023	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2301	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	4905	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4598	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4657	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	387	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	989	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.24	128	727	0.060	ng/ul#	86
5) 2-Methylnaphthalene	11.87	142	232	0.030	ng/ul	94
7) Acenaphthylene	13.80	152	7030	0.627	ng/ul	97
8) Acenaphthene	14.14	153	1201	0.127	ng/ul	98
9) Fluorene	15.14	166	2402	0.231	ng/ul	98
12) Phenanthrene	16.88	178	88480	5.184	ng/ul	95
13) Anthracene	16.97	178	19777	1.333	ng/ul	95
15) Fluoranthene	18.91	202	248335	12.603	ng/ul	97
17) Pyrene	19.27	202	221157	10.753	ng/ul	99
18) Benzo(a)anthracene	21.04	228	124026	7.527	ng/ul	98
19) Chrysene	21.09	228	113582	5.519	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	141717m	6.615	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	46769m	1.893	ng/ul	
23) Benzo(a)pyrene	23.07	252	96584	4.790	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.23	276	62960	2.388	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.24	278	16337	0.771	ng/ul	94
26) Benzo(a,h,i)perylene	25.86	276	52264	2.203	ng/ul	96

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

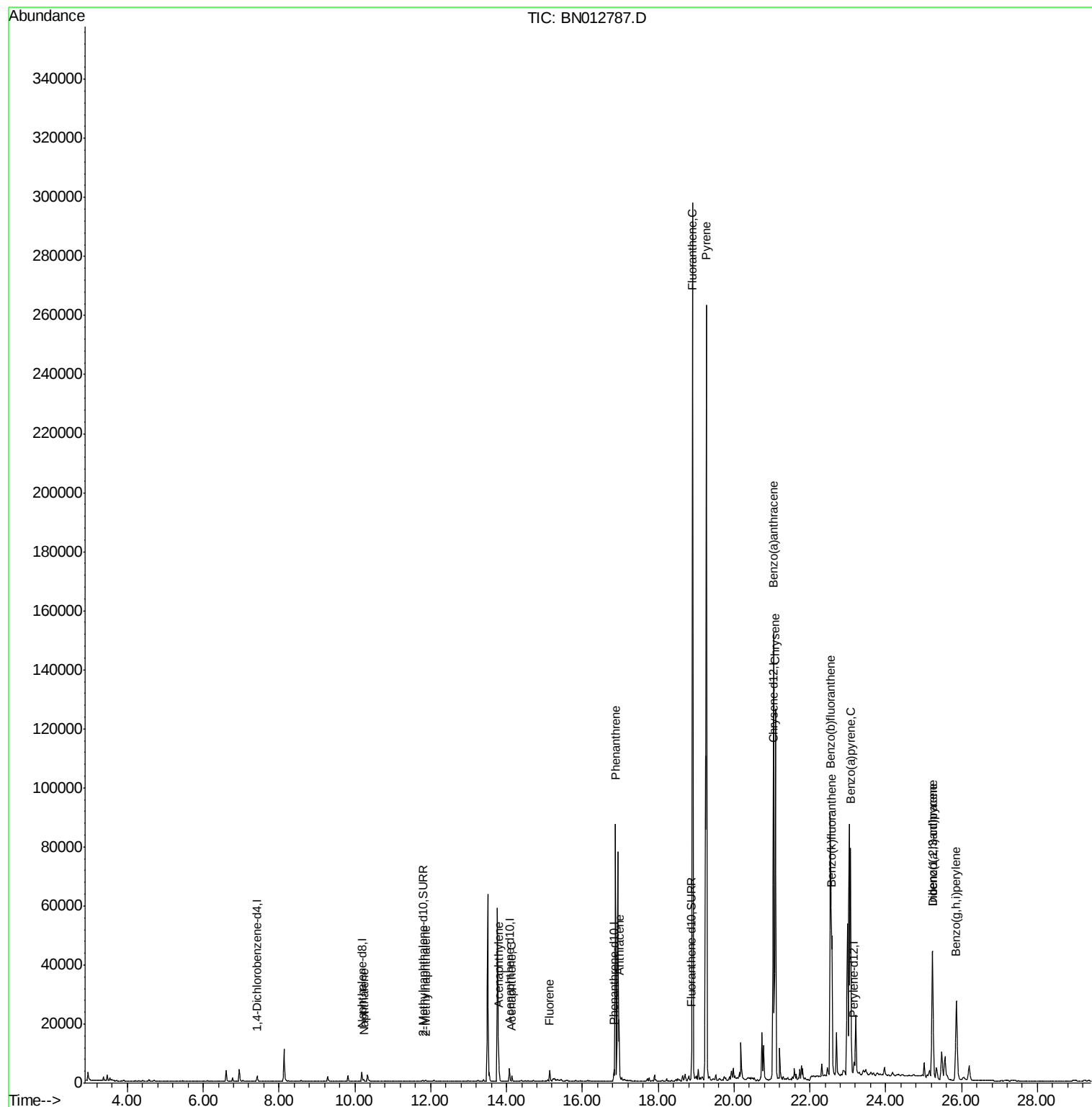
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
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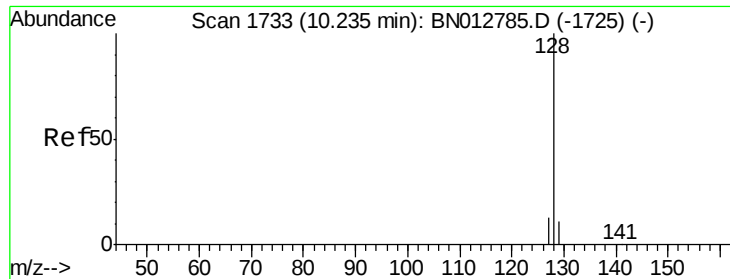
Instrument :
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Quant Time: Dec 02 01:08:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 00:53:21 2020
Response via : Initial Calibration





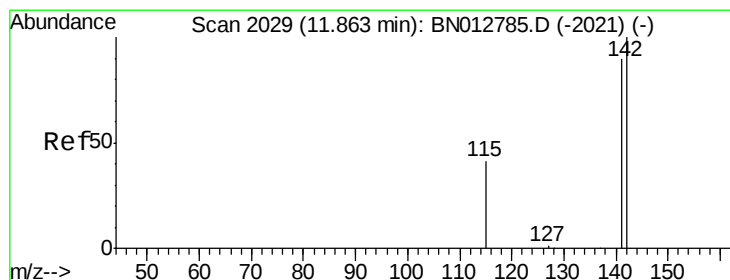
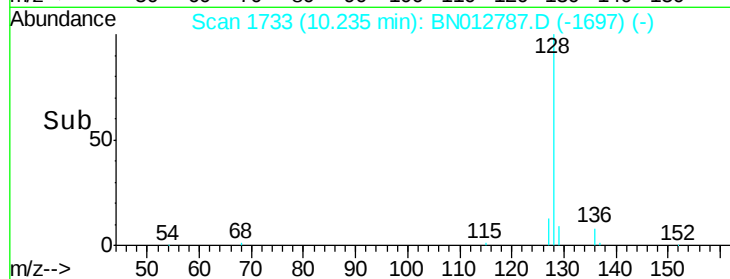
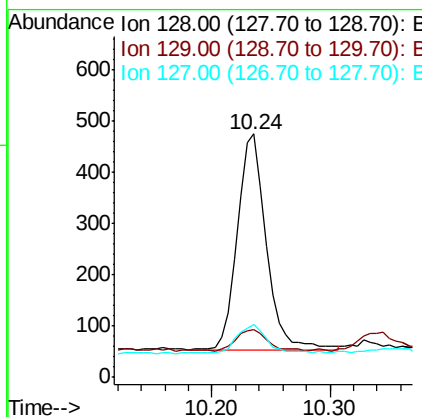
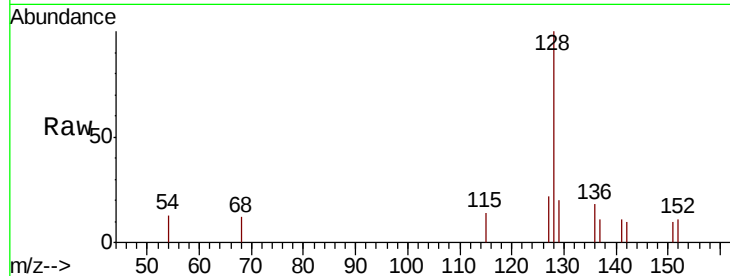
#3
Naphthalene
Concen: 0.060 ng/ul
RT: 10.24 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BN012787.D
Acq: 01 Dec 2020 18:15

Instrument :
BNA_N
ClientSampleId :
C0B49

Tot Ion	Ratio	Lower	Upper
128	100		
129	19.5	11.2	16.8#
127	21.6	12.5	18.7#

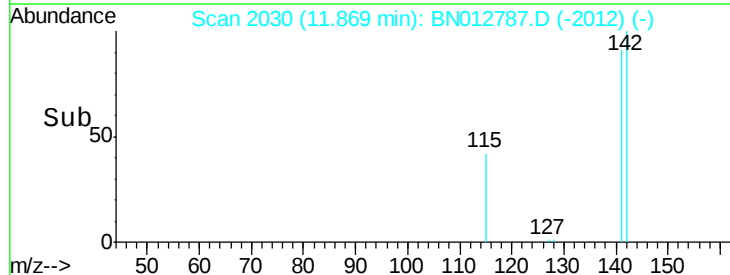
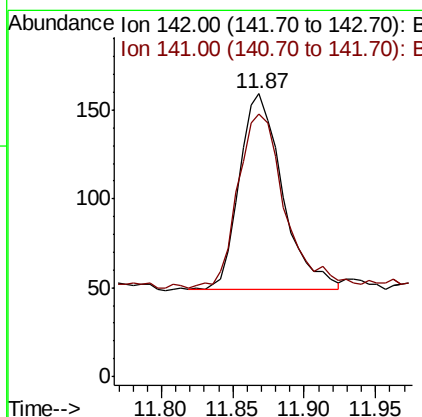
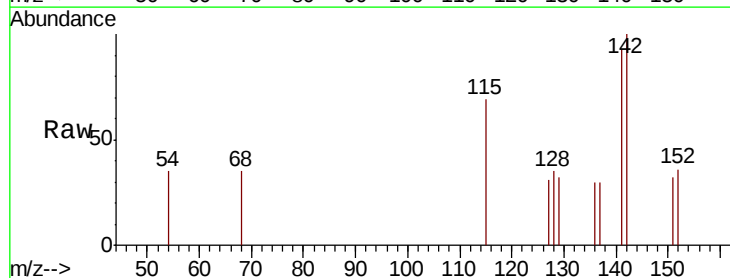
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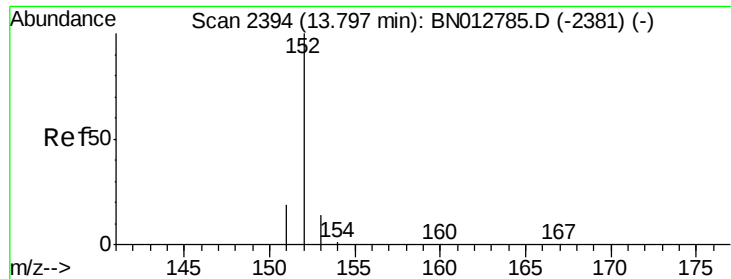
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#5
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 11.87 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BN012787.D
Acq: 01 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.1	72.3	108.5





#7

Acenaphthylene

Concen: 0.627 ng/ul

RT: 13.80 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Instrument :

BNA_N

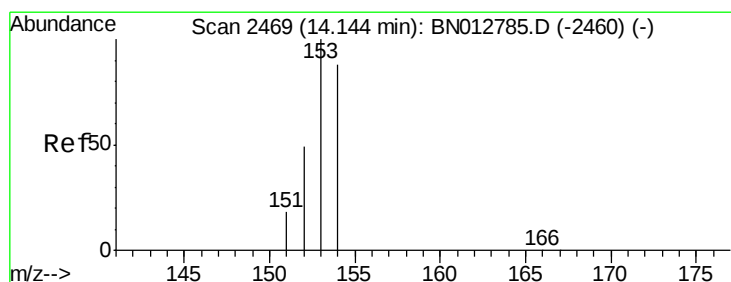
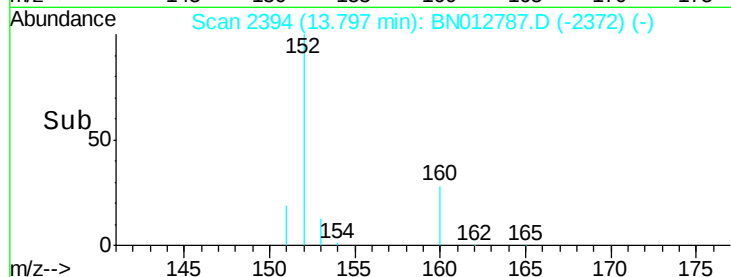
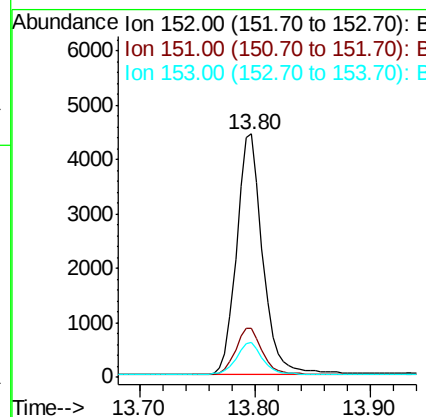
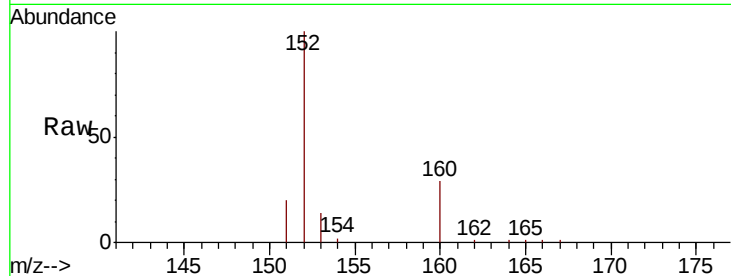
ClientSampleId :

C0B49

Tot Ion:	152	Resp:	7030
Ion Ratio	Lower	Upper	
152	100		
151	20.0	17.1	25.7
153	14.3	12.6	19.0

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#8

Acenaphthene

Concen: 0.127 ng/ul

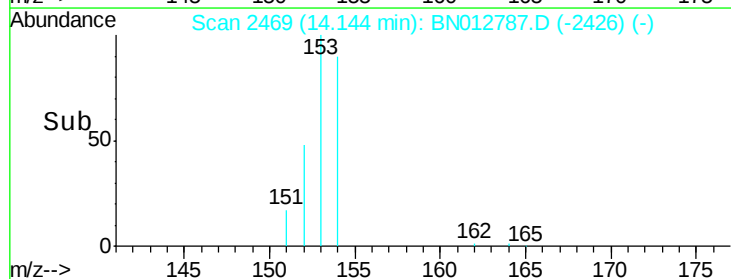
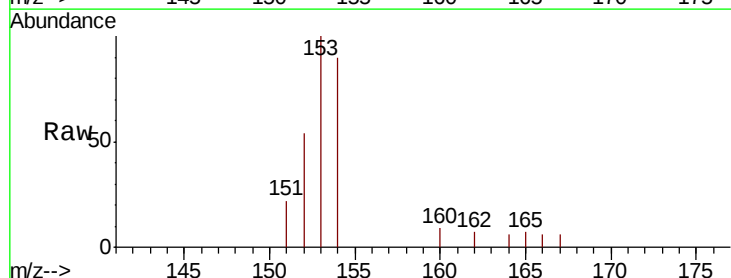
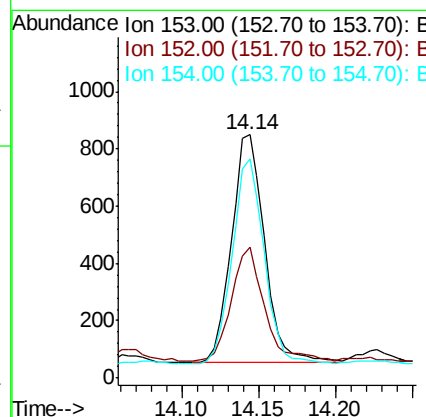
RT: 14.14 min Scan# 2469

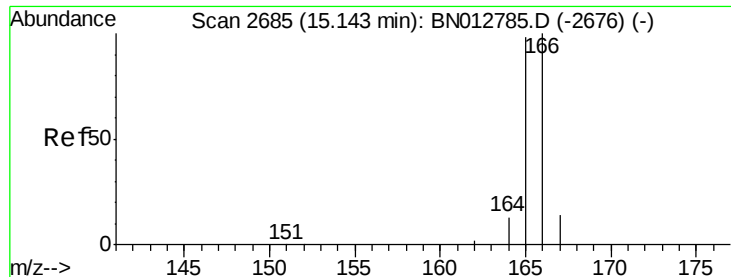
Delta R.T. 0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Tgt Ion:	153	Resp:	1201
Ion Ratio	Lower	Upper	
153	100		
152	53.8	41.4	62.0
154	89.9	70.9	106.3





#9

Fluorene

Concen: 0.231 ng/ul

RT: 15.14 min Scan# 2684

Delta R.T. -0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Instrument :

BNA_N

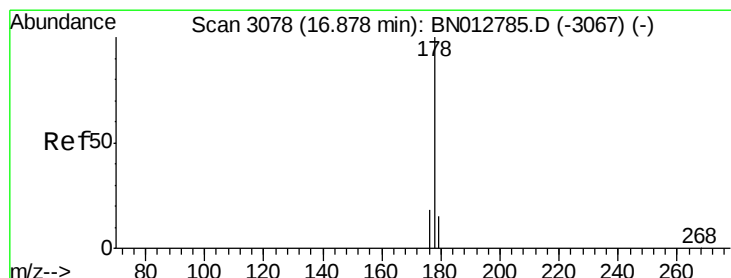
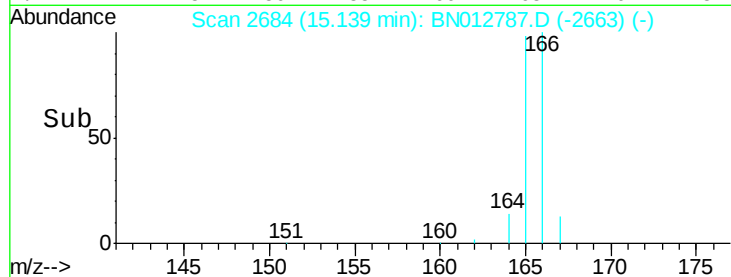
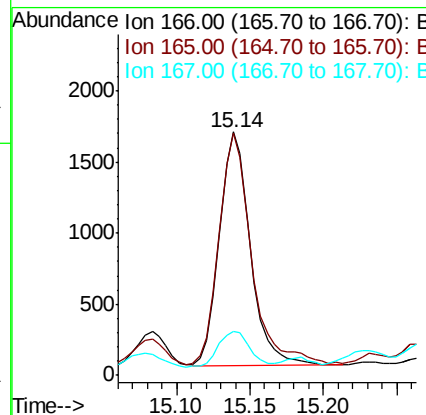
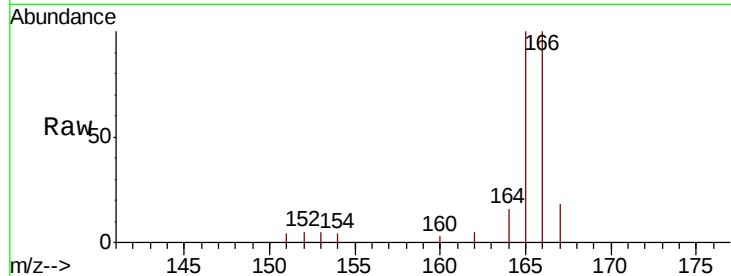
ClientSampleId :

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Tot Ion:	166	Resp:	2402
Ion Ratio	Lower	Upper	
166	100		
165	99.6	78.5	117.7
167	17.9	12.7	19.1

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#12

Phenanthrene

Concen: 5.184 ng/ul

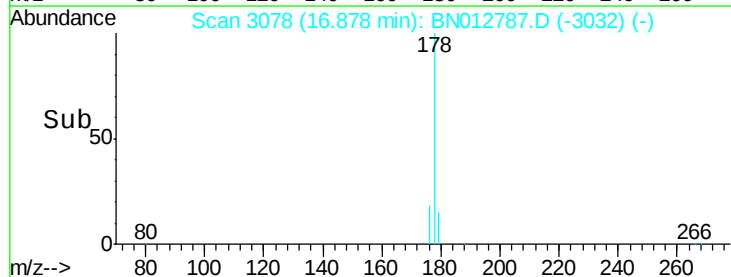
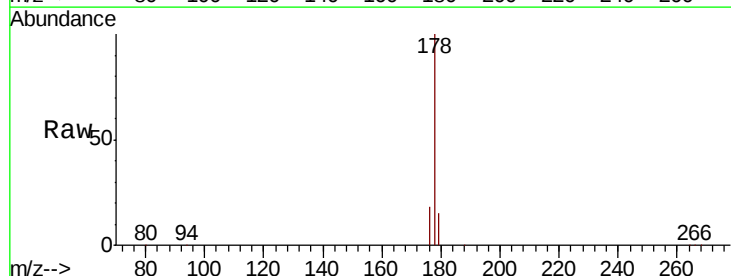
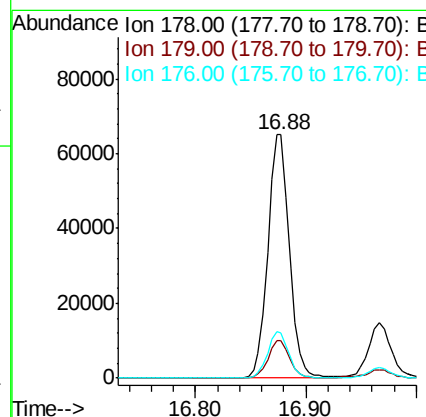
RT: 16.88 min Scan# 3078

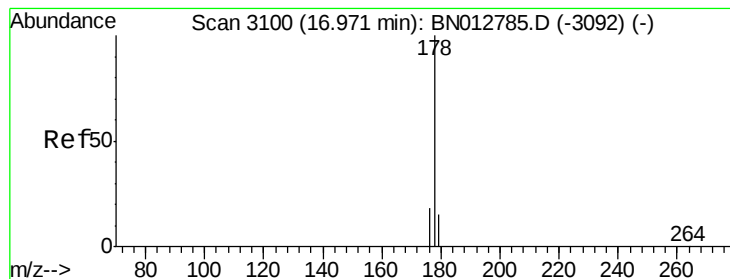
Delta R.T. -0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Tgt Ion:	178	Resp:	88480
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.8	20.6
176	18.4	16.7	25.1





#13

Anthracene

Concen: 1.333 ng/ul

RT: 16.97 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Instrument :

BNA_N

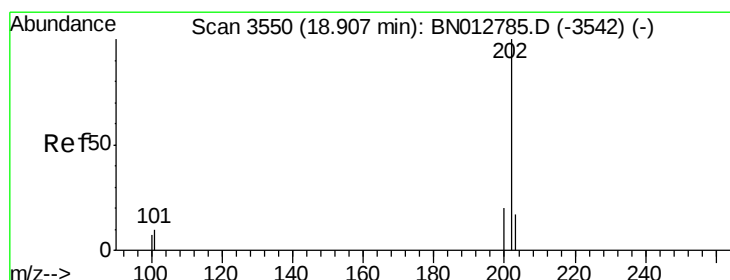
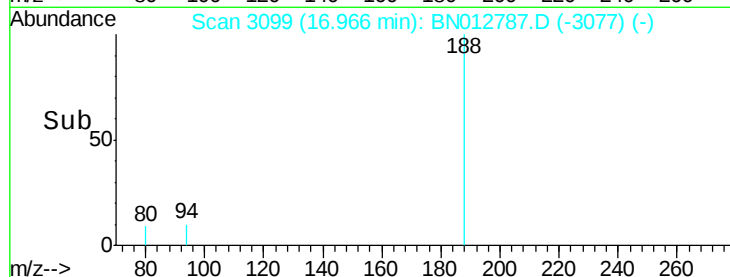
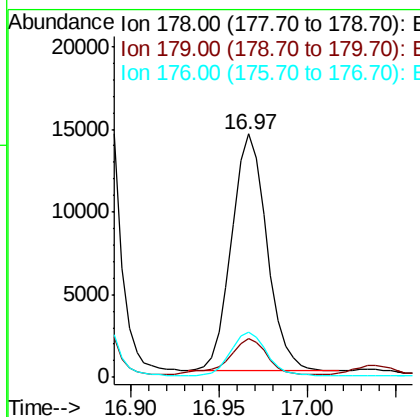
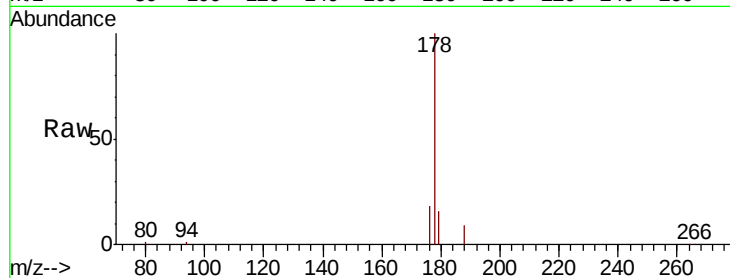
ClientSampleId :

C0B49

Tot Ion:	178	Resp:	19777
Ion Ratio	Lower	Upper	
178	100		
179	15.8	14.8	22.2
176	18.4	16.3	24.5

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#15

Fluoranthene

Concen: 12.603 ng/ul

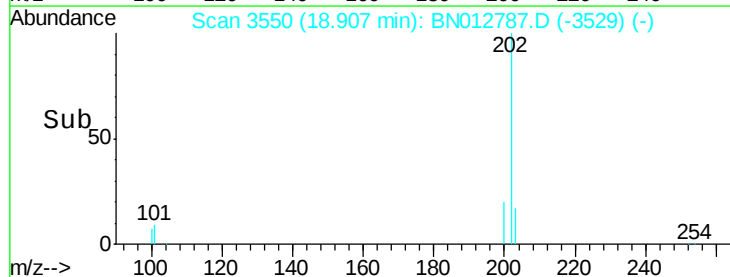
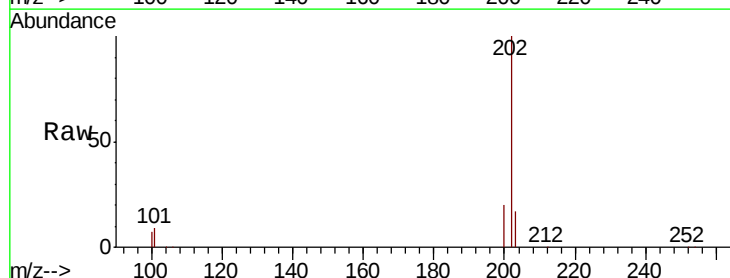
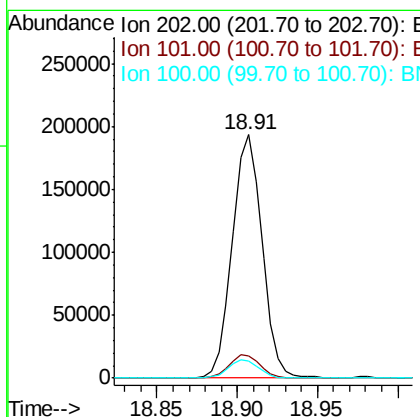
RT: 18.91 min Scan# 3550

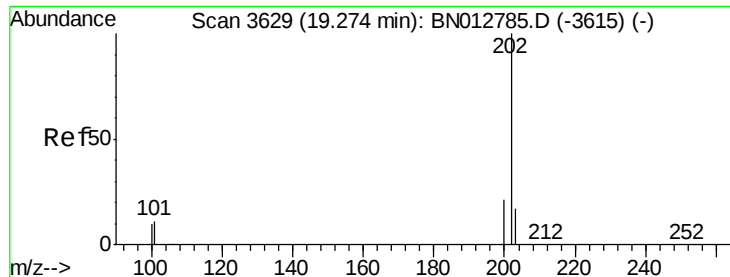
Delta R.T. -0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Tgt Ion:	202	Resp:	248335
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.5
100	7.2	0.0	28.4





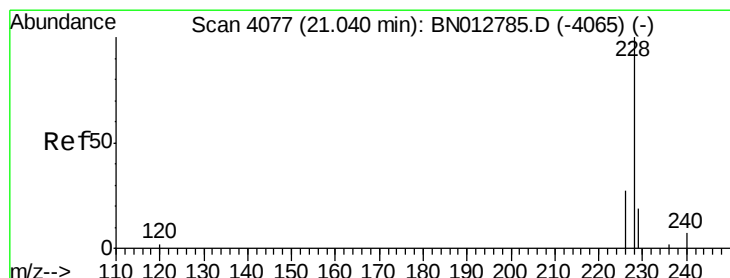
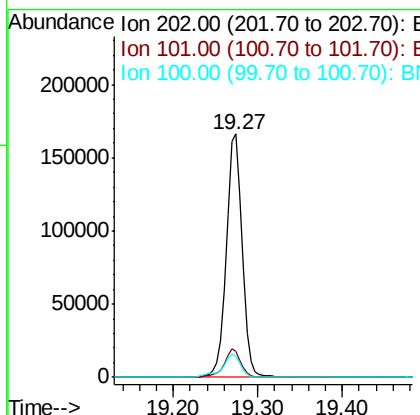
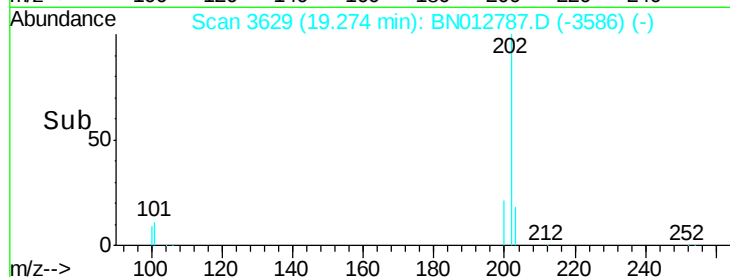
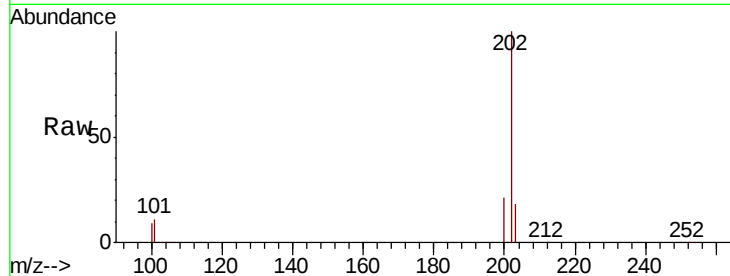
#17
Pvrene
Concen: 10.753 ng/ul
RT: 19.27 min Scan# 3629
Delta R.T. 0.00 min
Lab File: BN012787.D
Acq: 01 Dec 2020 18:15

Instrument :
BNA_N
ClientSampleId :
C0B49

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	8.9	13.3
100	8.7	7.4	11.2

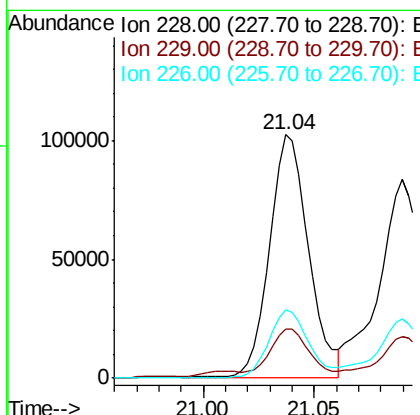
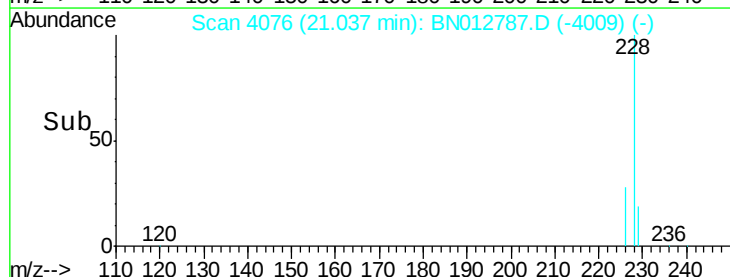
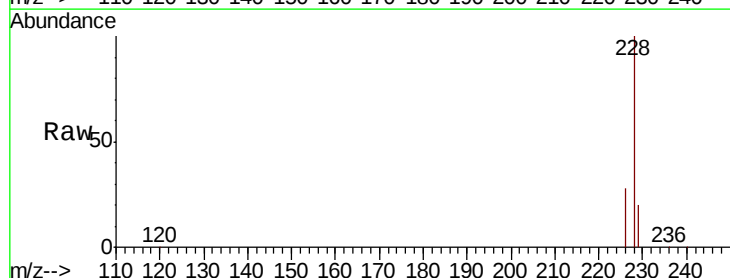
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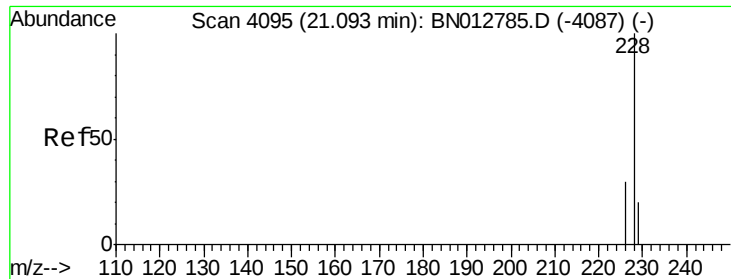
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#18
Benzo(a)anthracene
Concen: 7.527 ng/ul
RT: 21.04 min Scan# 4076
Delta R.T. -0.00 min
Lab File: BN012787.D
Acq: 01 Dec 2020 18:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.0	16.9	25.3
226	28.0	23.1	34.7





#19

Chrysene

Concen: 5.519 ng/ul

RT: 21.09 min Scan# 4094

Delta R.T. -0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Instrument :

BNA_N

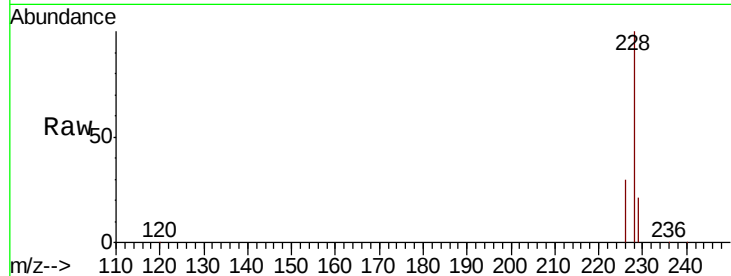
ClientSampleId :

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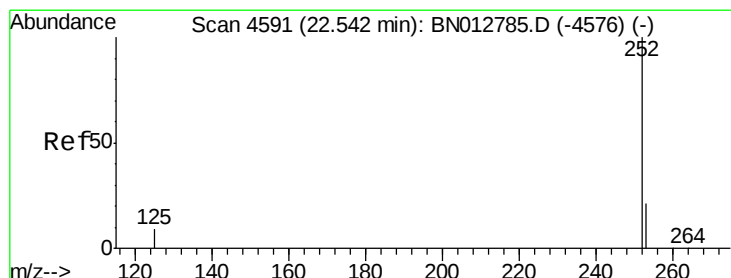
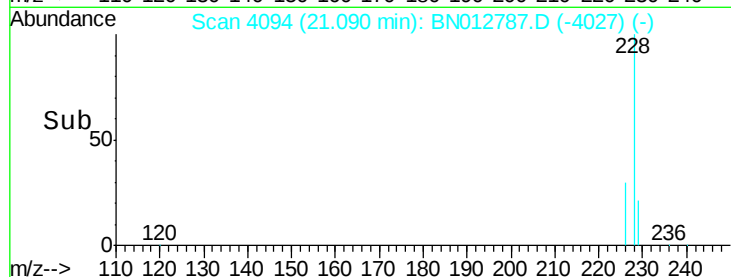
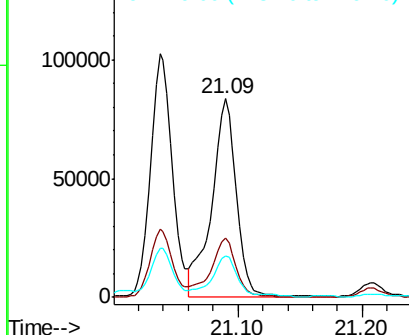
Tot Ion:	228	Resp:	113582
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.4	36.6
229	21.2	16.1	24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 6.615 ng/ul m

RT: 22.54 min Scan# 4591

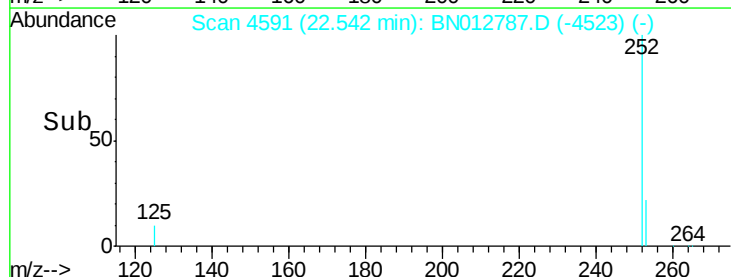
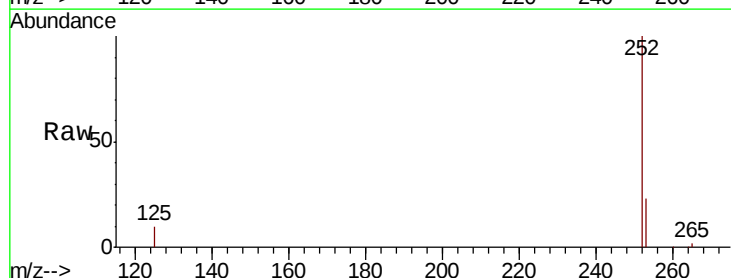
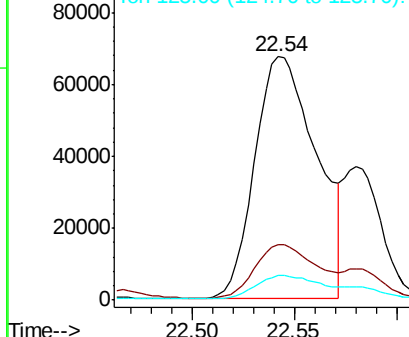
Delta R.T. 0.00 min

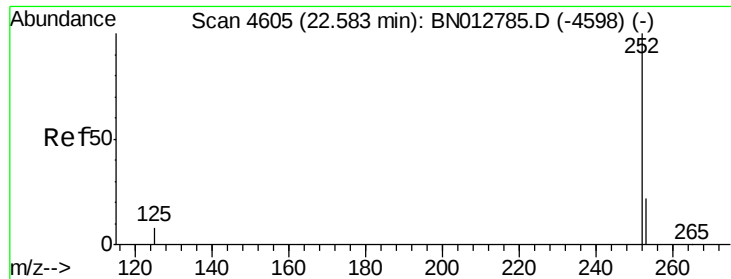
Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Tgt Ion:	252	Resp:	141717
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	58.4
125	10.0	0.0	28.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.893 ng/ul m

RT: 22.58 min Scan# 4604

Delta R.T. -0.01 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Instrument :

BNA_N

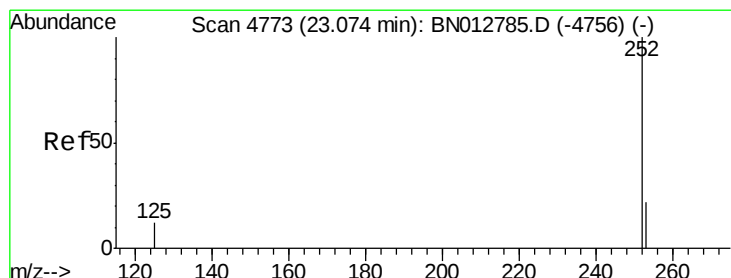
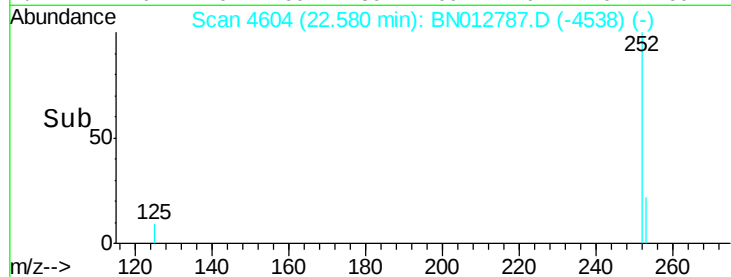
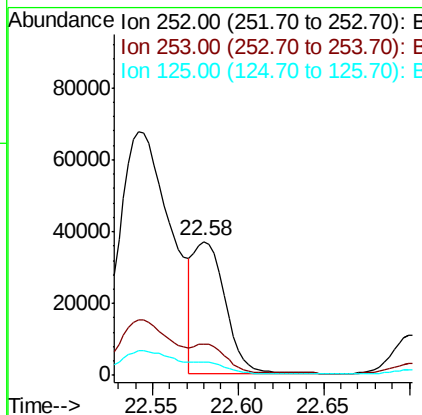
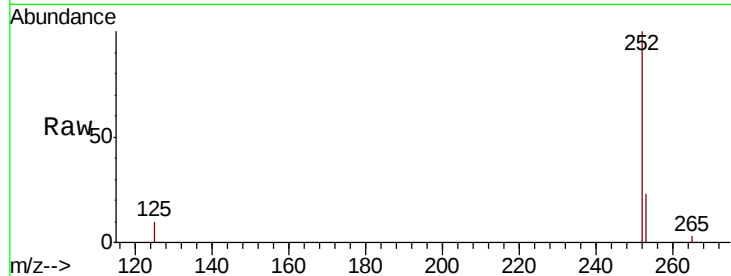
ClientSampleId :

C0B49

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	23.4	35.2
125	9.9	10.2	15.2#

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#23

Benzo(a)pyrene

Concen: 4.790 ng/ul

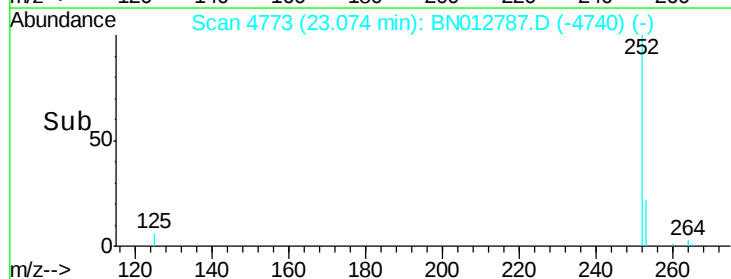
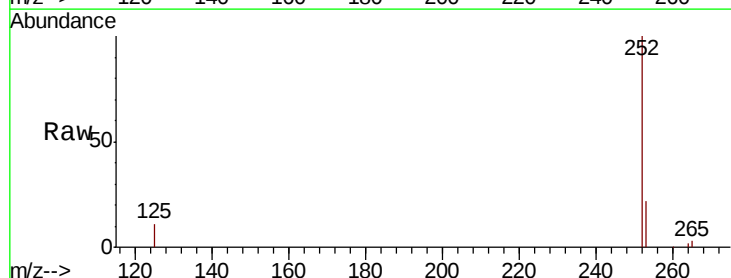
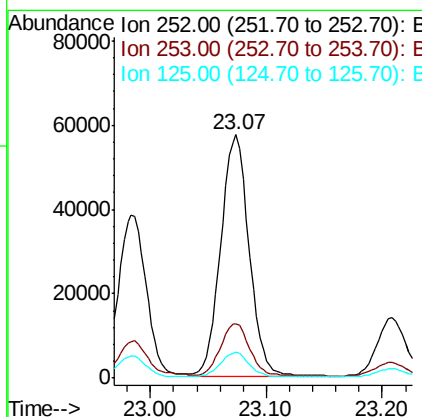
RT: 23.07 min Scan# 4773

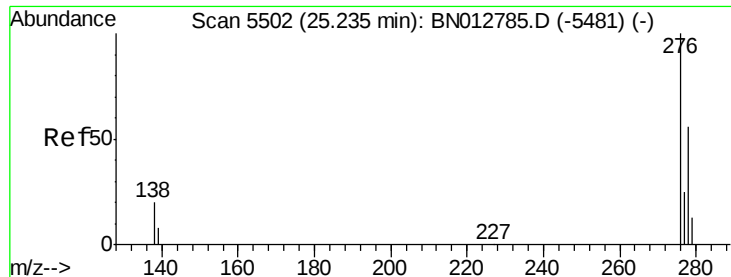
Delta R.T. -0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	27.6	41.4#
125	10.6	17.0	25.4#





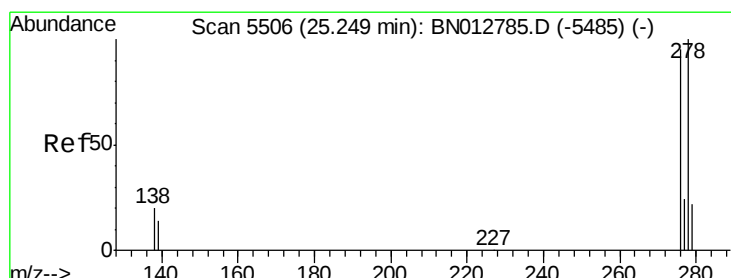
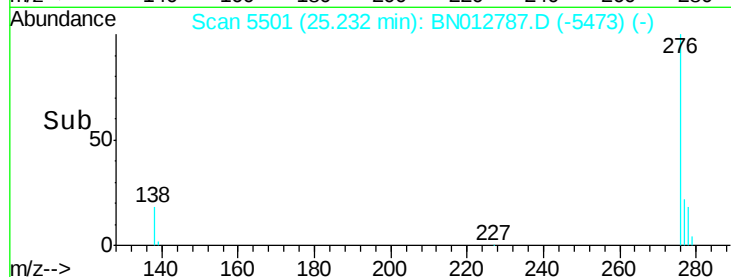
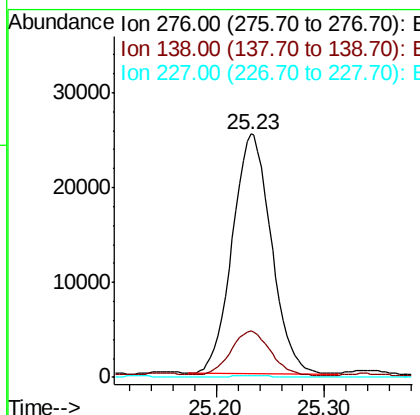
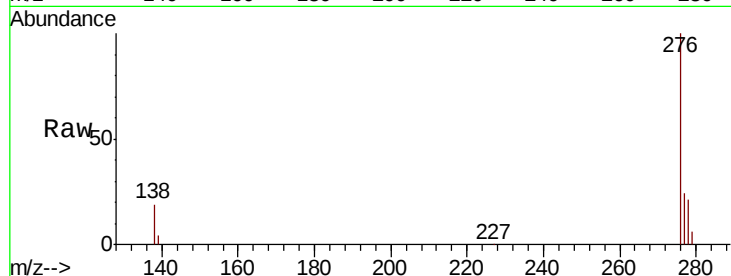
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.388 ng/ul
RT: 25.23 min Scan# 5501
Delta R.T. -0.01 min
Lab File: BN012787.D
Acq: 01 Dec 2020 18:15

Instrument :
BNA_N
ClientSampleId :
C0B49

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.5	24.7
227	0.2	0.1	0.1#

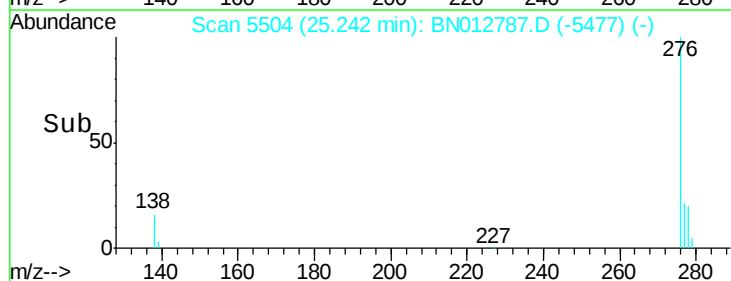
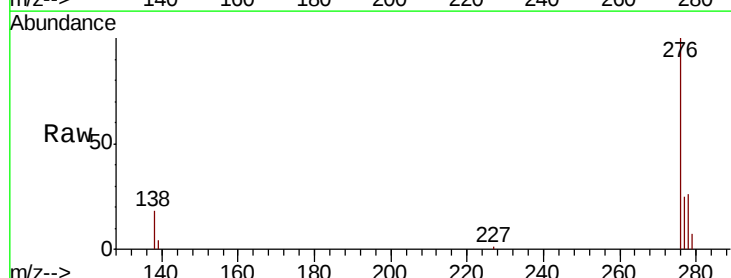
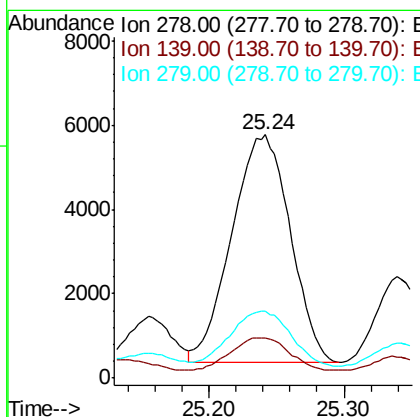
Manual Integrations
APPROVED

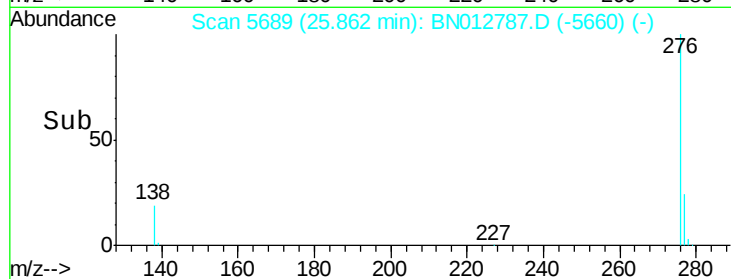
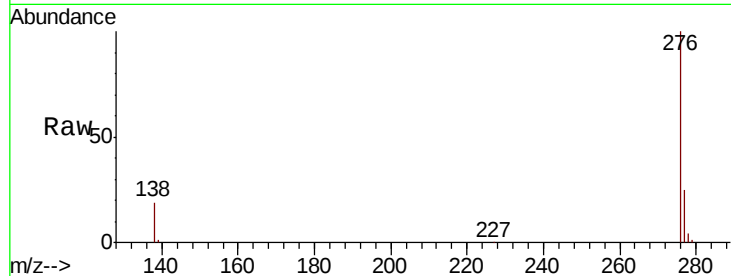
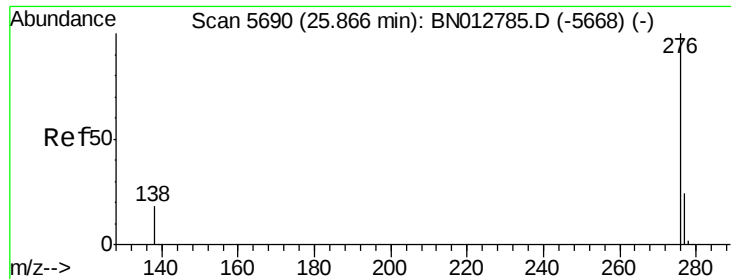
mohammad
12/2/2020 2:27:48 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.771 ng/ul
RT: 25.24 min Scan# 5504
Delta R.T. -0.01 min
Lab File: BN012787.D
Acq: 01 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.8	20.8
279	27.4	25.6	38.4





#26

Benzo(a,h,i)perylene

Concen: 2.203 ng/ul

RT: 25.86 min Scan# 5689

Delta R.T. -0.00 min

Lab File: BN012787.D

Acq: 01 Dec 2020 18:15

Instrument :

BNA_N

ClientSampleId :

C0B49

Tot Ion:	276	Resp:	52264
Ion Ratio	Lower	Upper	
276	100		
138	19.4	16.3	24.5
277	24.5	21.8	32.8

Manual Integrations
APPROVED

mohammad
12/2/2020 2:27:48 PM

