

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012784.D
 Acq On : 01 Dec 2020 16:27
 Operator : CG/JU
 Sample : L4793-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B38

Manual Integrations
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Quant Time: Dec 01 17:07:54 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 : Tue Dec 01 17:03:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	1076	0.40	ng/ul	0.00
2) Naphthalene-d8	10.19	136	4460	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2642	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	5586	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4962	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4769	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	881	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2046	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.24	128	328	0.024	ng/ul#	60
5) 2-Methylnaphthalene	11.87	142	183	0.021	ng/ul	97
7) Acenaphthylene	13.80	152	756	0.059	ng/ul#	84
8) Acenaphthene	14.14	153	1098	0.101	ng/ul	97
9) Fluorene	15.14	166	1414	0.118	ng/ul#	99
11) Pentachlorophenol	16.49	266	37	0.021	ng/ul#	86
12) Phenanthrene	16.87	178	49588	2.551	ng/ul	95
13) Anthracene	16.97	178	7407	0.438	ng/ul	96
15) Fluoranthene	18.91	202	161528	7.198	ng/ul	98
17) Pyrene	19.27	202	131400	5.920	ng/ul	100
18) Benzo(a)anthracene	21.04	228	70182	3.947	ng/ul	97
19) Chrysene	21.09	228	88216	3.972	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	125905m	5.739	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	41751m	1.650	ng/ul	
23) Benzo(a)pyrene	23.07	252	77159	3.737	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.23	276	58707	2.174	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.24	278	14253	0.657	ng/ul	95
26) Benzo(g,h,i)perylene	25.87	276	52765	2.171	ng/ul	97

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

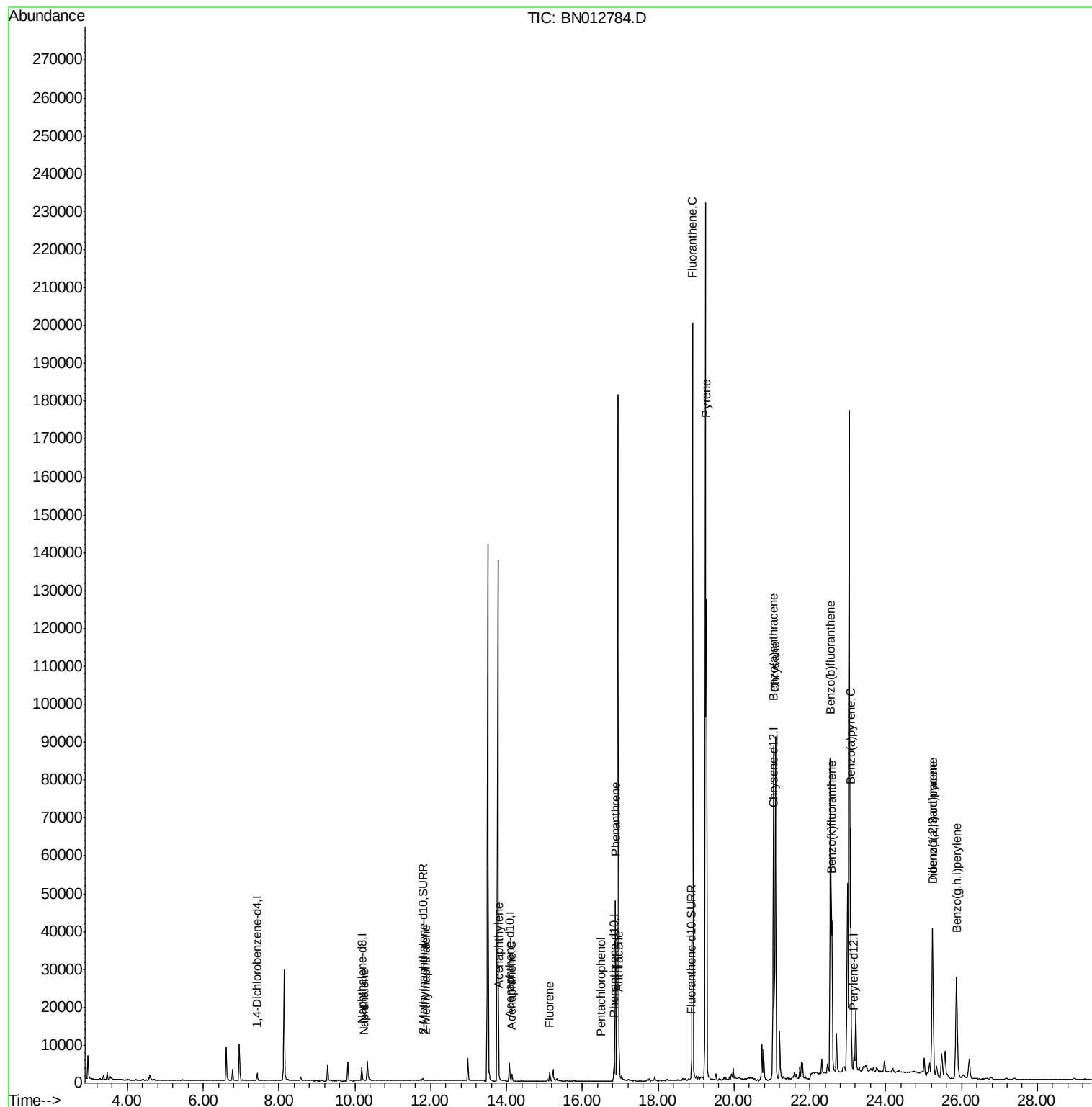
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012784.D
Acq On : 01 Dec 2020 16:27
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Sample : L4793-13
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ALS Vial : 12 Sample Multiplier: 1

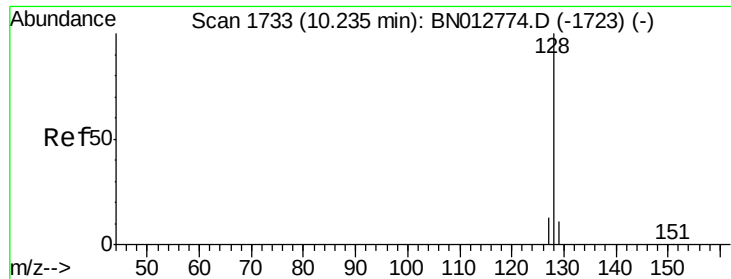
Instrument :
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Manual Integrations
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Quant Time: Dec 01 17:07:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 17:03:52 2020
Response via : Initial Calibration





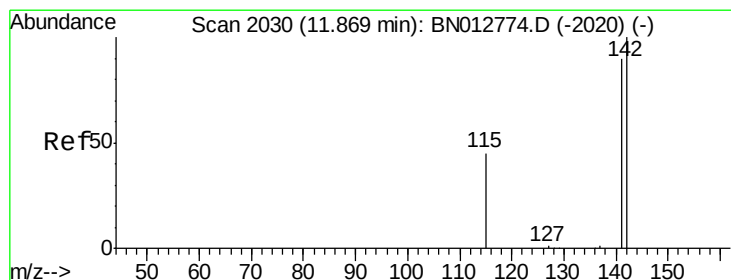
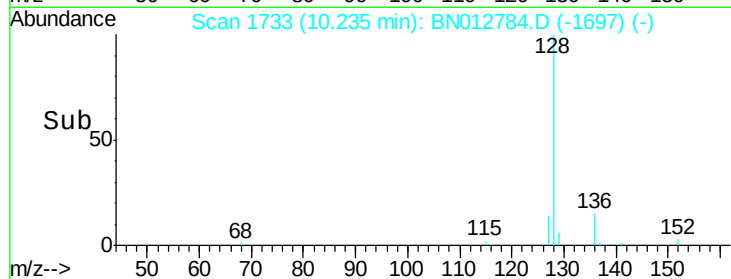
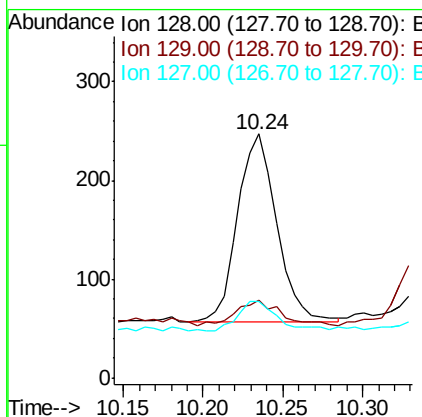
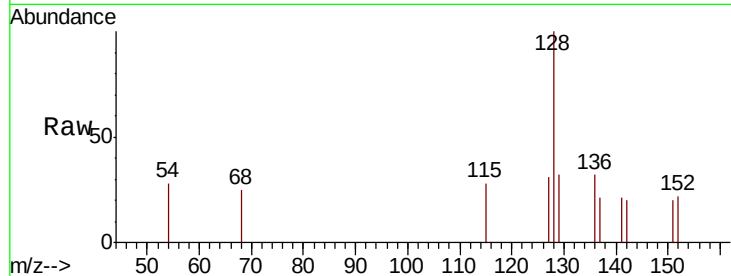
#3
Naphthalene
Concen: 0.024 ng/ul
RT: 10.24 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BN012784.D
Acq: 01 Dec 2020 16:27

Instrument :
BNA_N
ClientSampleId :
C0B38

Tot Ion	Ratio	Lower	Upper
128	100		
129	32.0	11.2	16.8#
127	31.2	12.5	18.7#

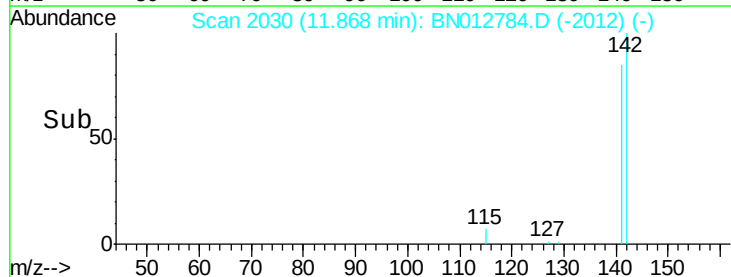
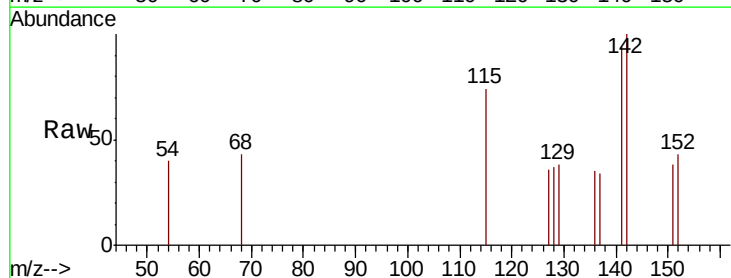
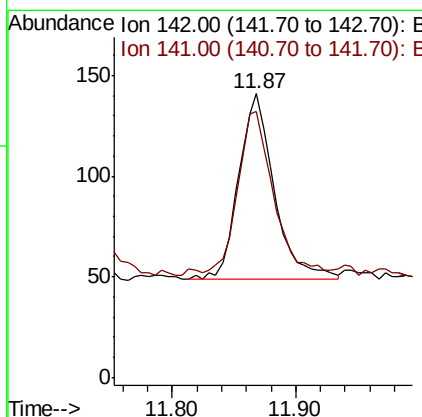
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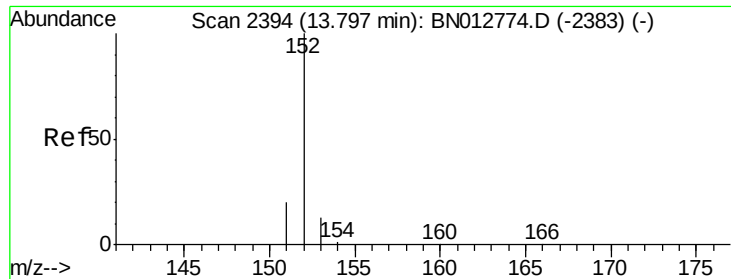
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#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 11.87 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BN012784.D
Acq: 01 Dec 2020 16:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.3	108.5





#7

Acenaphthylene

Concen: 0.059 ng/ul

RT: 13.80 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BN012784.D

Acq: 01 Dec 2020 16:27

Instrument :

BNA_N

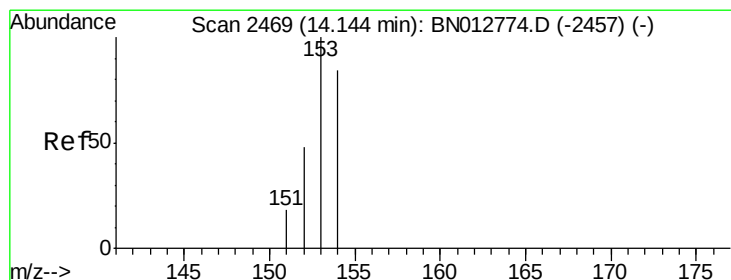
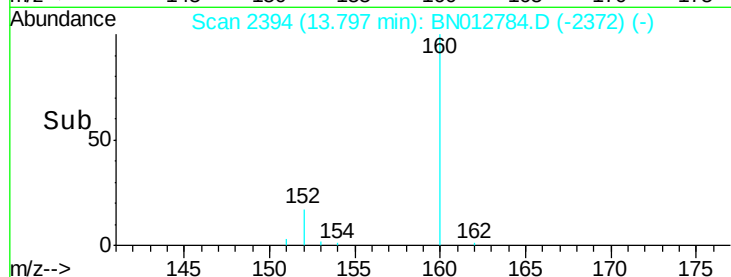
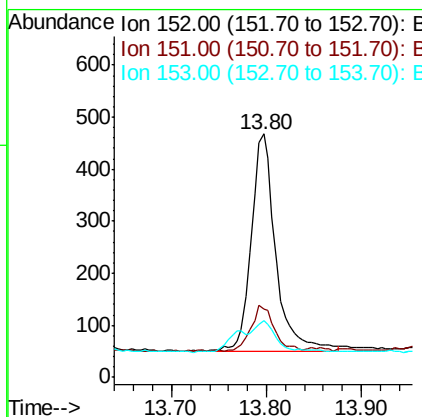
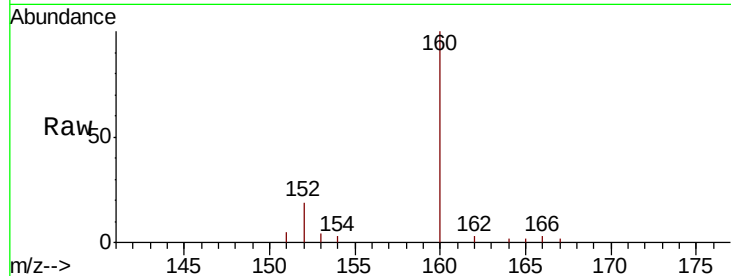
ClientSampleId :

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Tot Ion:	152	Resp:	756
Ion Ratio	Lower	Upper	
152	100		
151	28.0	17.1	25.7#
153	23.5	12.6	19.0#

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#8

Acenaphthene

Concen: 0.101 ng/ul

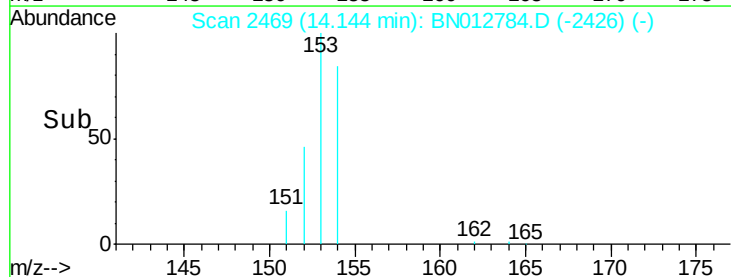
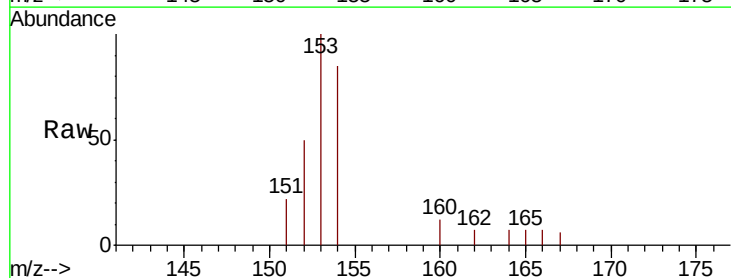
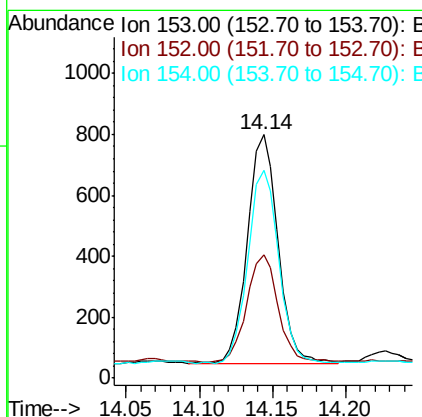
RT: 14.14 min Scan# 2469

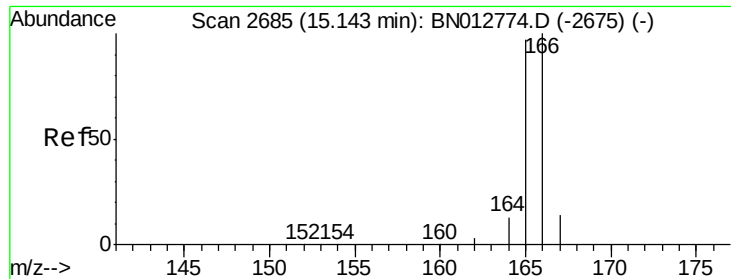
Delta R.T. -0.00 min

Lab File: BN012784.D

Acq: 01 Dec 2020 16:27

Tgt Ion:	153	Resp:	1098
Ion Ratio	Lower	Upper	
153	100		
152	50.4	41.4	62.0
154	85.5	70.9	106.3





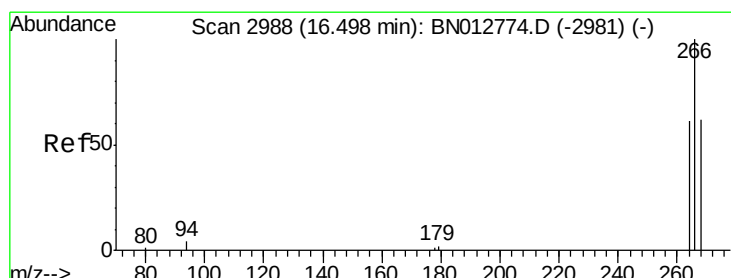
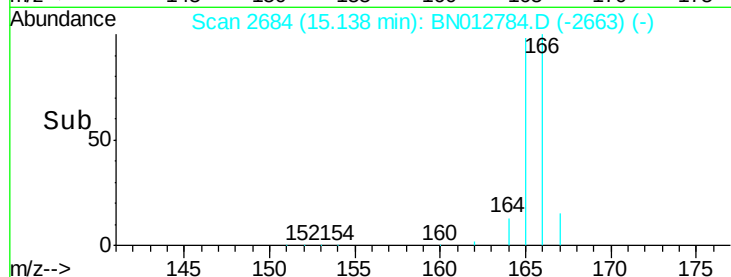
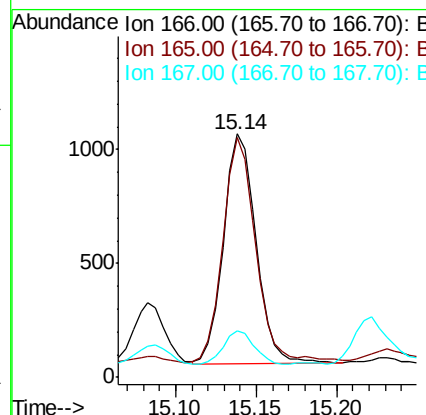
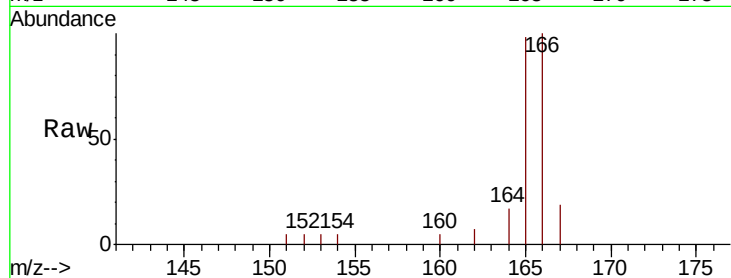
#9
Fluorene
 Concen: 0.118 ng/ul
 RT: 15.14 min Scan# 2684
 Delta R.T. -0.00 min
 Lab File: BN012784.D
 Acq: 01 Dec 2020 16:27

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.5	117.7
167	19.4	12.7	19.1#

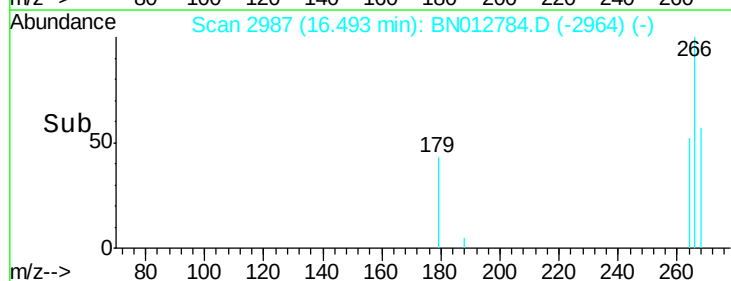
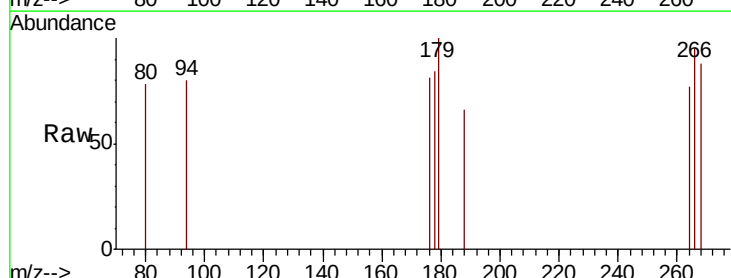
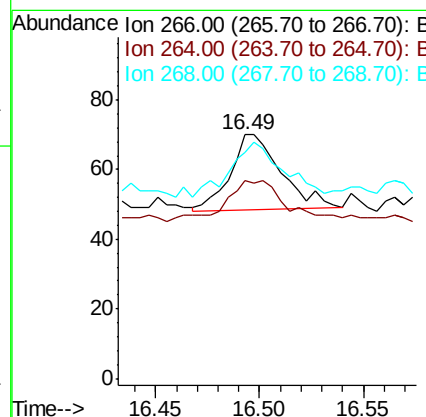
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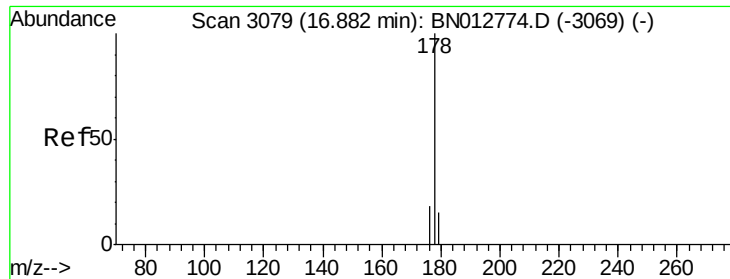
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#11
Pentachlorophenol
 Concen: 0.021 ng/ul
 RT: 16.49 min Scan# 2987
 Delta R.T. -0.00 min
 Lab File: BN012784.D
 Acq: 01 Dec 2020 16:27

Tgt Ion	Ratio	Lower	Upper
266	100		
264	67.6	51.0	76.6
268	78.4	47.8	71.6#





#12

Phenanthrene

Concen: 2.551 ng/ul

RT: 16.87 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BN012784.D

Acq: 01 Dec 2020 16:27

Instrument :

BNA_N

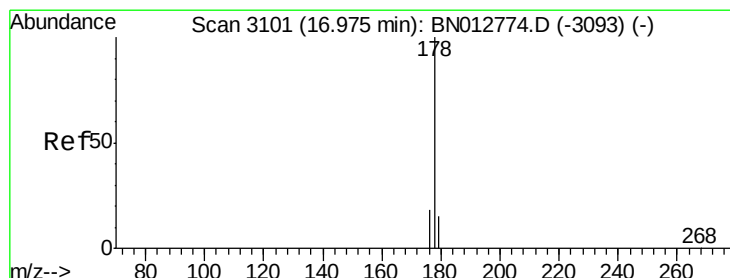
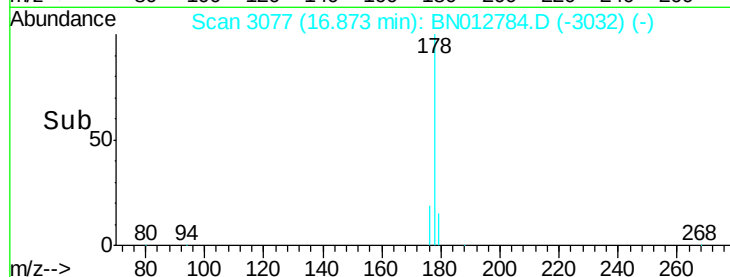
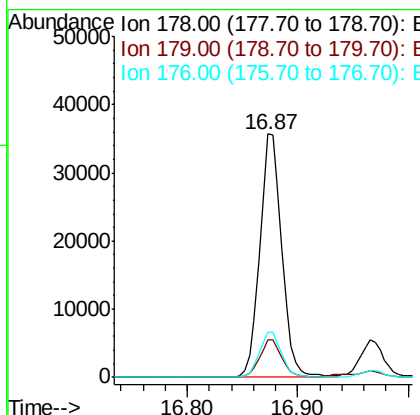
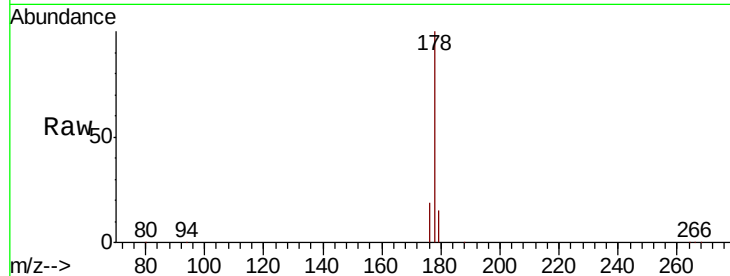
ClientSampleId :

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Tot Ion:	178	Resp:	49588
Ion Ratio	Lower	Upper	
178	100		
179	15.2	13.8	20.6
176	18.7	16.7	25.1

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#13

Anthracene

Concen: 0.438 ng/ul

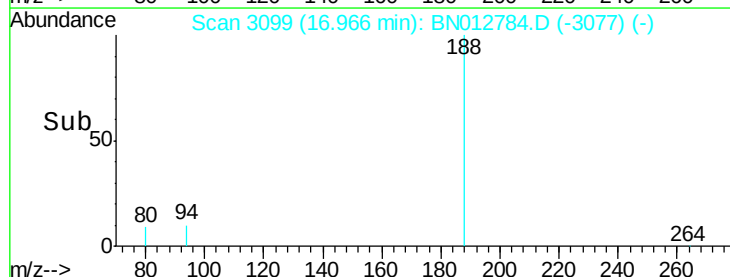
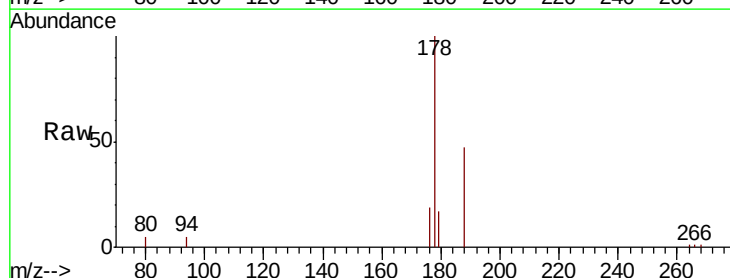
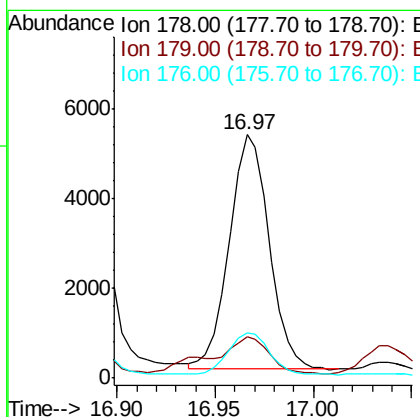
RT: 16.97 min Scan# 3099

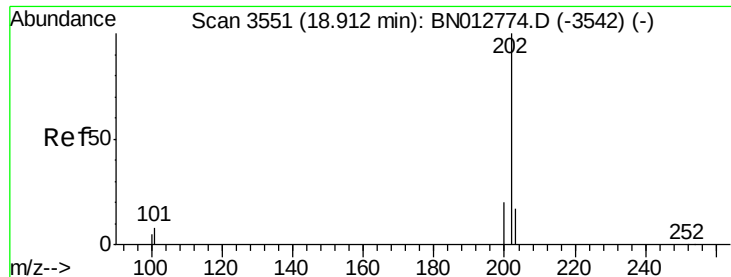
Delta R.T. -0.01 min

Lab File: BN012784.D

Acq: 01 Dec 2020 16:27

Tgt Ion:	178	Resp:	7407
Ion Ratio	Lower	Upper	
178	100		
179	16.8	14.8	22.2
176	18.8	16.3	24.5





#15

Fluoranthene

Concen: 7.198 ng/ul

RT: 18.91 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BN012784.D

Acq: 01 Dec 2020 16:27

Instrument :

BNA_N

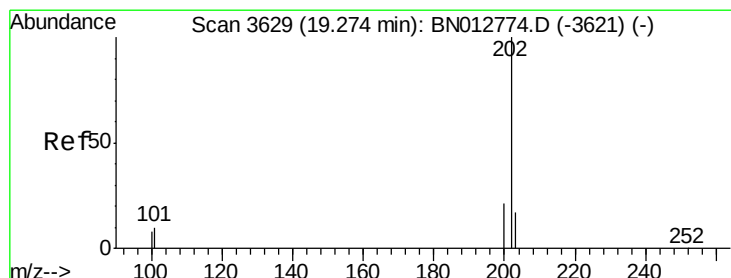
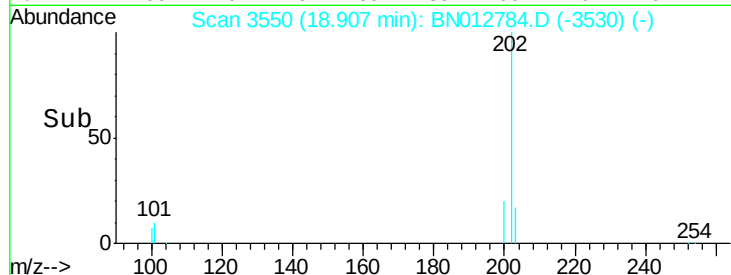
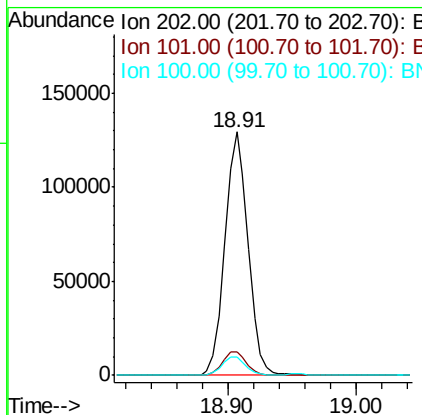
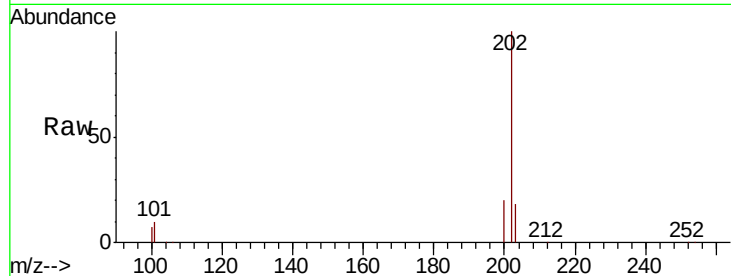
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		161528		
101	9.7	0.0	30.5		
100	7.5	0.0	28.4		

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#17

Pyrene

Concen: 5.920 ng/ul

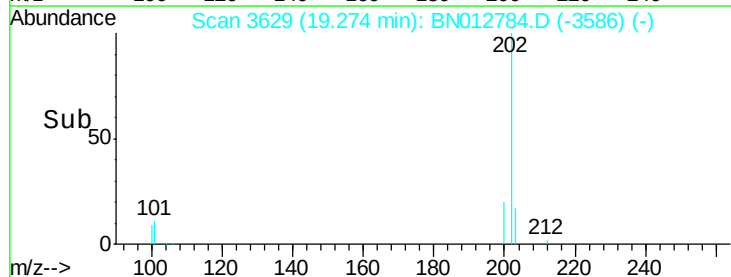
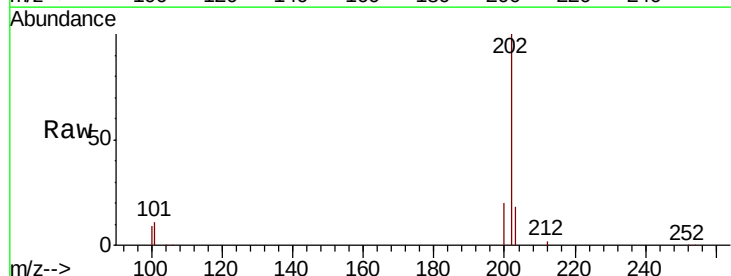
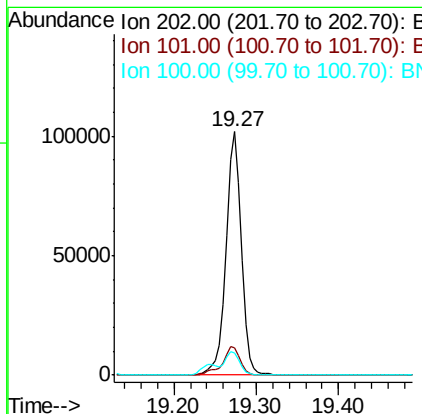
RT: 19.27 min Scan# 3629

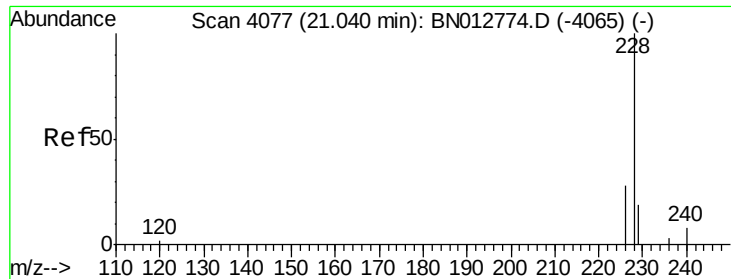
Delta R.T. -0.00 min

Lab File: BN012784.D

Acq: 01 Dec 2020 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		131400		
101	11.2	8.9	13.3		
100	9.2	7.4	11.2		





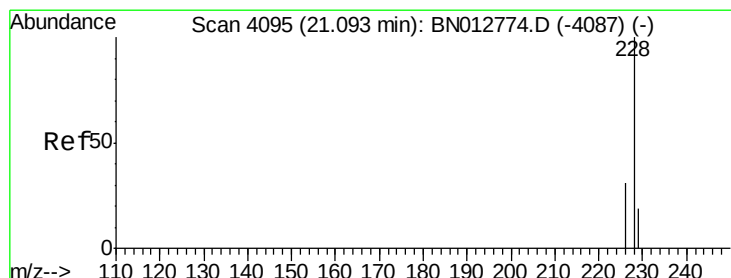
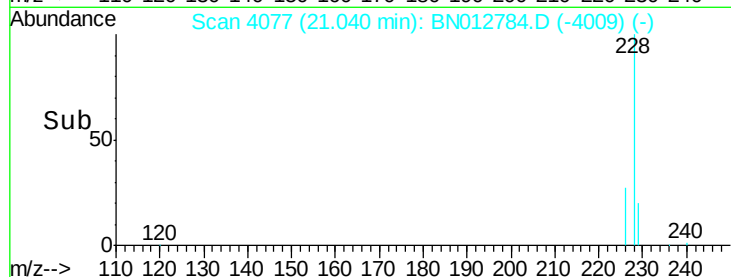
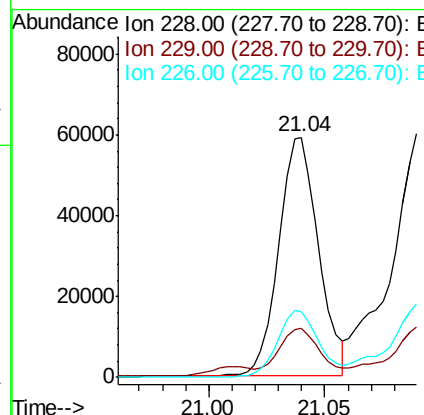
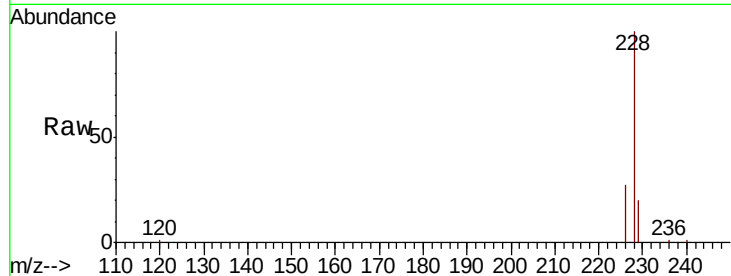
#18
Benzo(a)anthracene
Concen: 3.947 ng/ul
RT: 21.04 min Scan# 4077
Delta R.T. -0.00 min
Lab File: BN012784.D
Acq: 01 Dec 2020 16:27

Instrument :
BNA_N
ClientSampleId :
C0B38

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.9	25.3
226	27.1	23.1	34.7

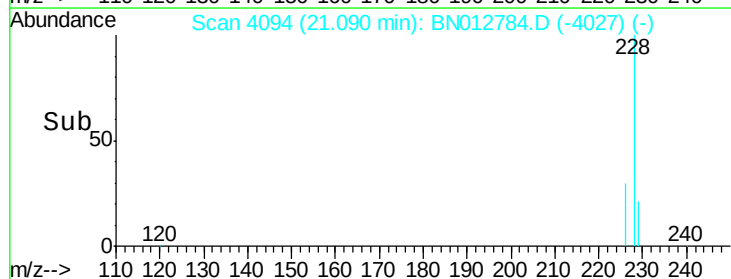
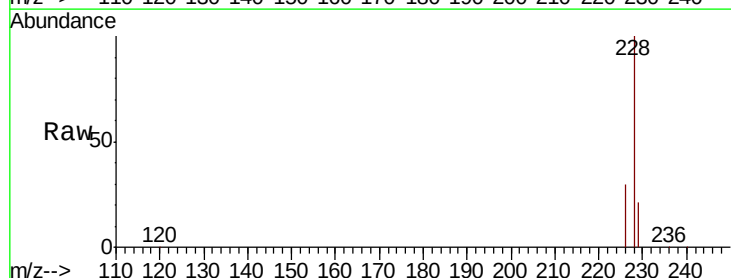
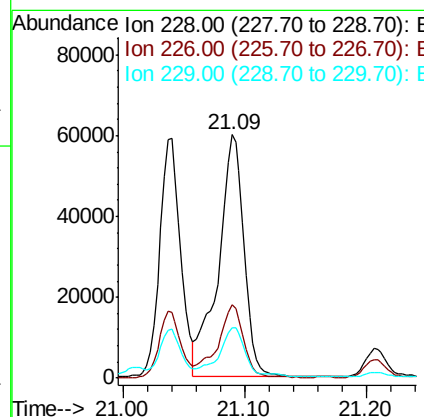
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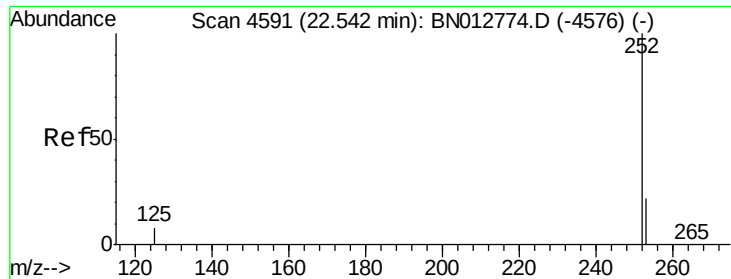
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#19
Chrysene
Concen: 3.972 ng/ul
RT: 21.09 min Scan# 4094
Delta R.T. -0.00 min
Lab File: BN012784.D
Acq: 01 Dec 2020 16:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	20.9	16.1	24.1





#21

Benzo(b)fluoranthene

Concen: 5.739 ng/ul m

RT: 22.54 min Scan# 4591

Delta R.T. -0.00 min

Lab File: BN012784.D

Acq: 01 Dec 2020 16:27

Instrument :

BNA_N

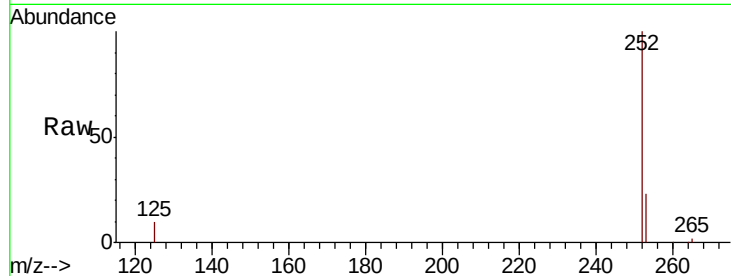
ClientSampleId :

C0B38

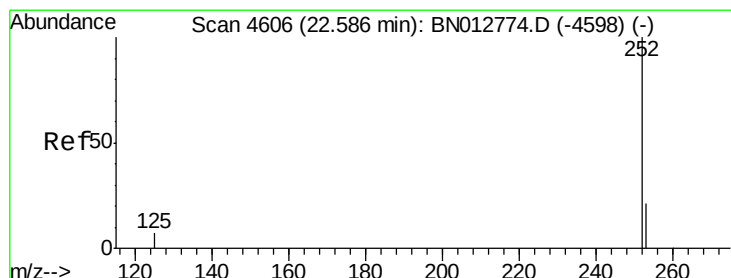
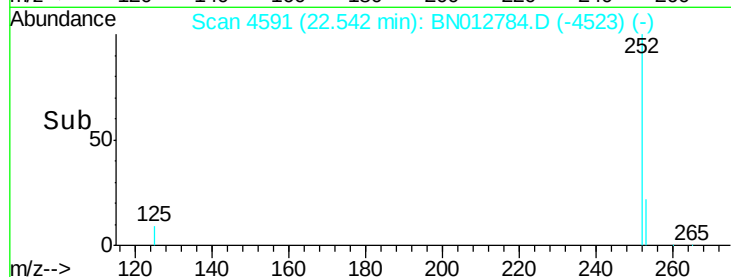
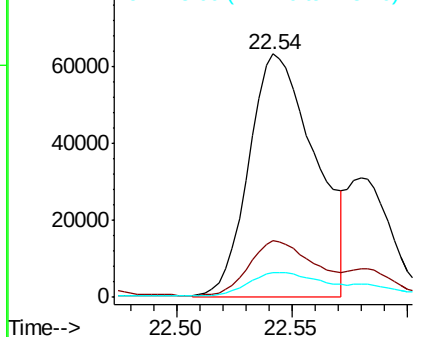
Tot Ion:	252	Resp:	125905
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	58.4
125	10.1	0.0	28.6

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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: 1.650 ng/ul m

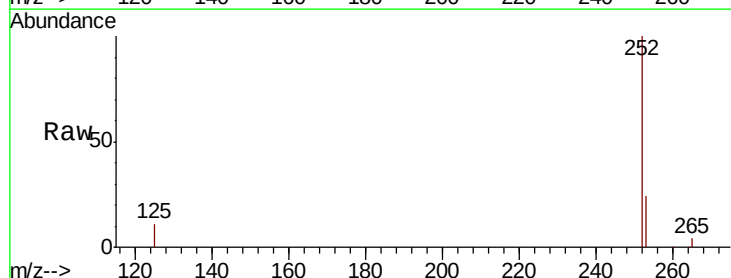
RT: 22.58 min Scan# 4604

Delta R.T. -0.01 min

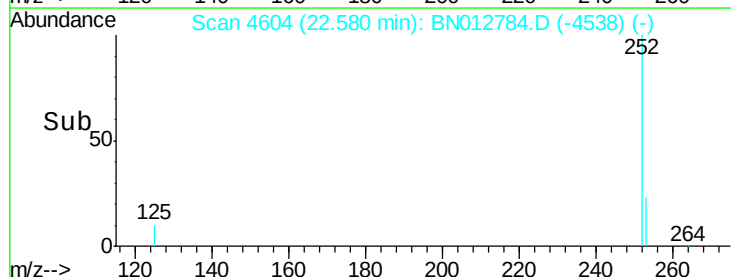
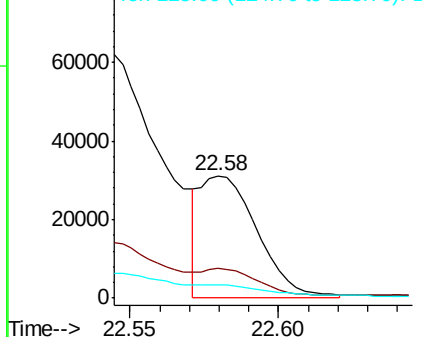
Lab File: BN012784.D

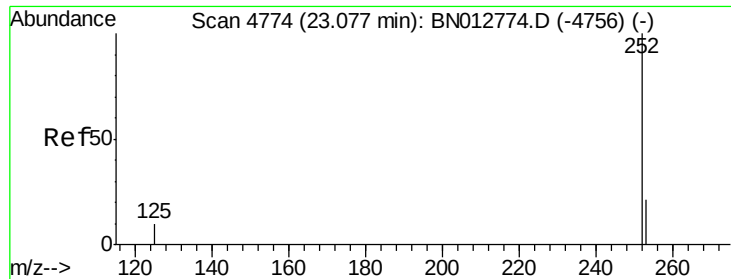
Acq: 01 Dec 2020 16:27

Tgt Ion:	252	Resp:	41751
Ion Ratio	Lower	Upper	
252	100		
253	24.3	23.4	35.2
125	10.8	10.2	15.2



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





#23

Benzo(a)pyrene

Concen: 3.737 ng/ul

RT: 23.07 min Scan# 4773

Delta R.T. -0.00 min

Lab File: BN012784.D

Acq: 01 Dec 2020 16:27

Instrument :

BNA_N

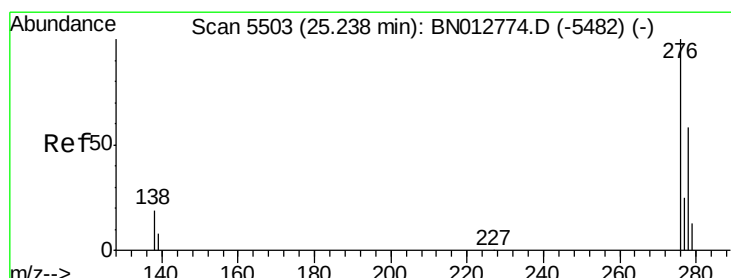
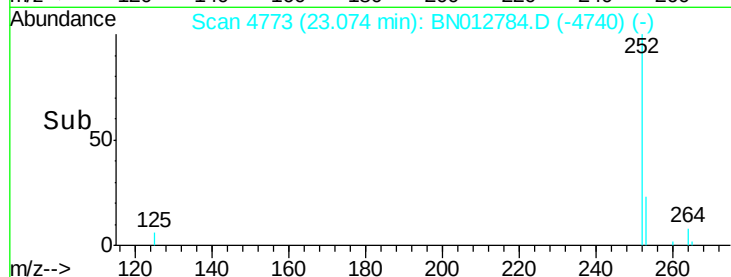
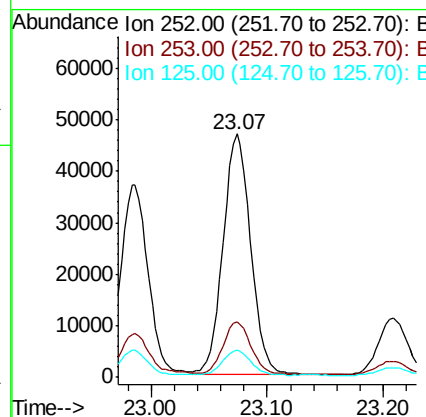
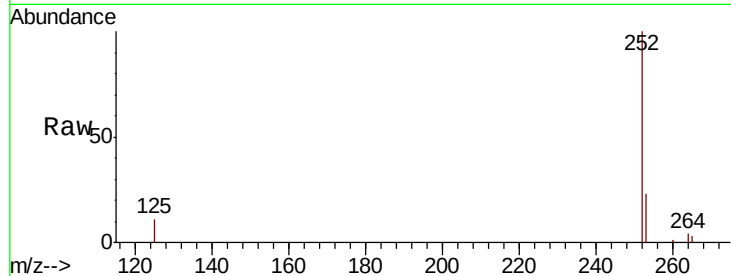
ClientSampleId :

C0B38

Tot Ion:	252	Resp:	77159
Ion Ratio	Lower	Upper	
252	100		
253	22.8	27.6	41.4#
125	11.3	17.0	25.4#

Manual Integrations
APPROVED

mohammad
12/2/2020 2:27:45 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 2.174 ng/ul

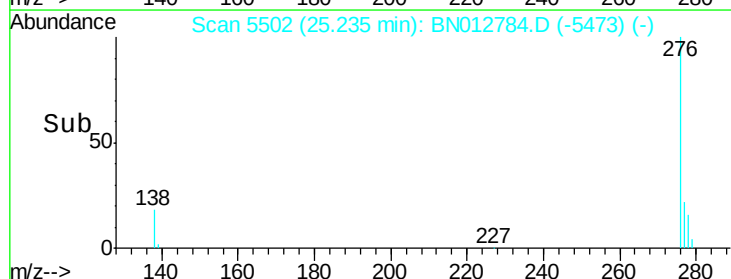
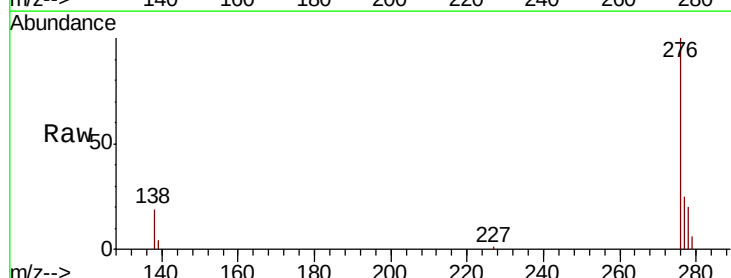
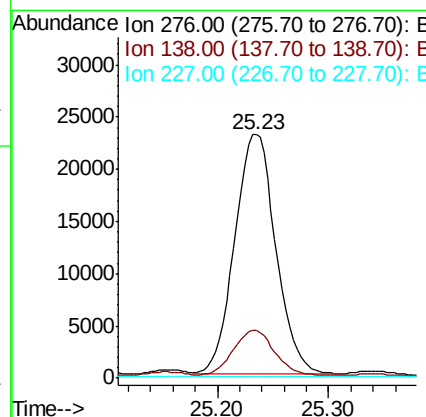
RT: 25.23 min Scan# 5502

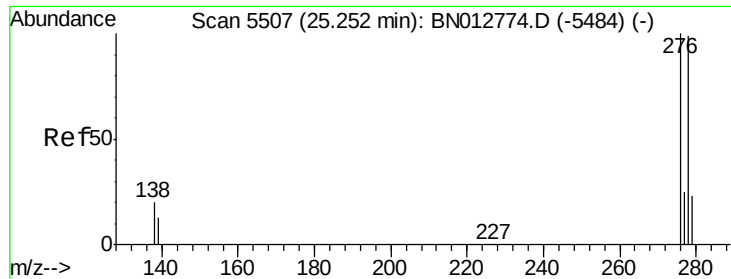
Delta R.T. -0.00 min

Lab File: BN012784.D

Acq: 01 Dec 2020 16:27

Tgt Ion:	276	Resp:	58707
Ion Ratio	Lower	Upper	
276	100		
138	18.9	16.5	24.7
227	0.2	0.1	0.1#





#25

Dibenzo(a,h)anthracene

Concen: 0.657 ng/ul

RT: 25.24 min Scan# 5504

Delta R.T. -0.01 min

Lab File: BN012784.D

Acq: 01 Dec 2020 16:27

Instrument :

BNA_N

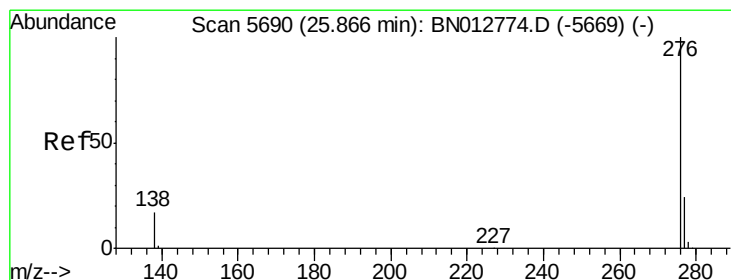
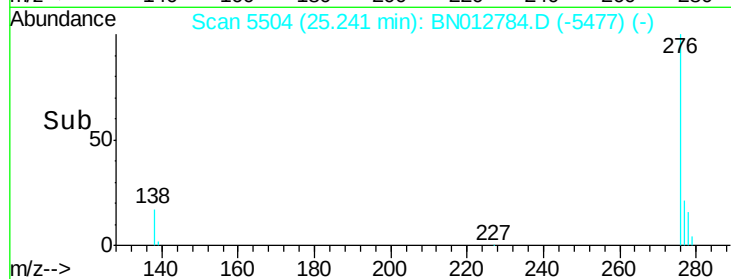
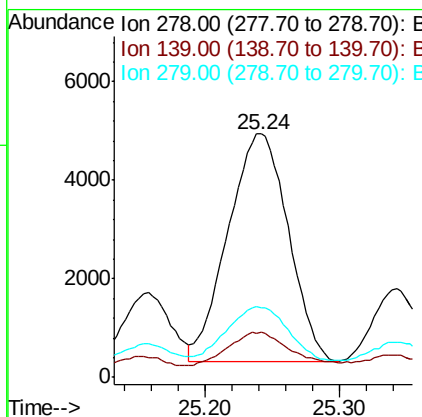
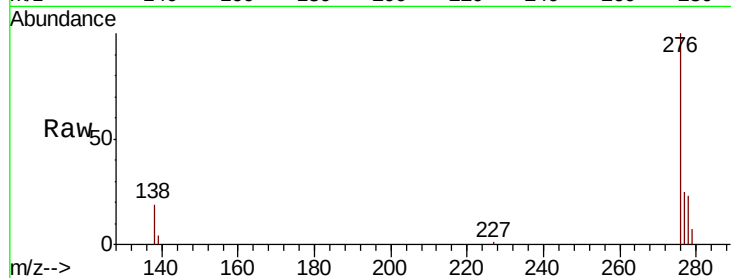
ClientSampleId :

C0B38

Tot Ion:	278	Resp:	14253
Ion Ratio	Lower	Upper	
278	100		
139	18.5	13.8	20.8
279	28.8	25.6	38.4

Manual Integrations
APPROVED

mohammad
12/2/2020 2:27:45 PM



#26

Benzo(g,h,i)perylene

Concen: 2.171 ng/ul

RT: 25.87 min Scan# 5690

Delta R.T. -0.00 min

Lab File: BN012784.D

Acq: 01 Dec 2020 16:27

Tgt Ion:	276	Resp:	52765
Ion Ratio	Lower	Upper	
276	100		
138	20.1	16.3	24.5
277	24.7	21.8	32.8

