

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012783.D
 Acq On : 01 Dec 2020 15:50
 Operator : CG/JU
 Sample : L4793-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B42

Manual Integrations
 APPROVED

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Quant Time: Dec 01 16:23:12 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 10:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	1015	0.40	ng/ul	0.00
2) Naphthalene-d8	10.19	136	4250	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2474	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	5304	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4616	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4468	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	800	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2013	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.24	128	795	0.062	ng/ul#	84
5) 2-Methylnaphthalene	11.87	142	465	0.057	ng/ul	99
7) Acenaphthylene	13.80	152	4849	0.402	ng/ul	97
8) Acenaphthene	14.14	153	570	0.056	ng/ul	97
9) Fluorene	15.14	166	881	0.079	ng/ul#	98
11) Pentachlorophenol	16.50	266	47	0.028	ng/ul	90
12) Phenanthrene	16.87	178	20801	1.127	ng/ul	96
13) Anthracene	16.97	178	6291	0.392	ng/ul	97
15) Fluoranthene	18.91	202	103935	4.878	ng/ul	97
17) Pyrene	19.27	202	109977	5.326	ng/ul	100
18) Benzo(a)anthracene	21.04	228	65618	3.967	ng/ul	98
19) Chrysene	21.09	228	69146	3.346	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	106494m	5.181	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	38828m	1.638	ng/ul	
23) Benzo(a)pyrene	23.07	252	76016	3.930	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.23	276	54221	2.143	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.24	278	13518	0.665	ng/ul	96
26) Benzo(g,h,i)perylene	25.87	276	51564	2.265	ng/ul	96

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

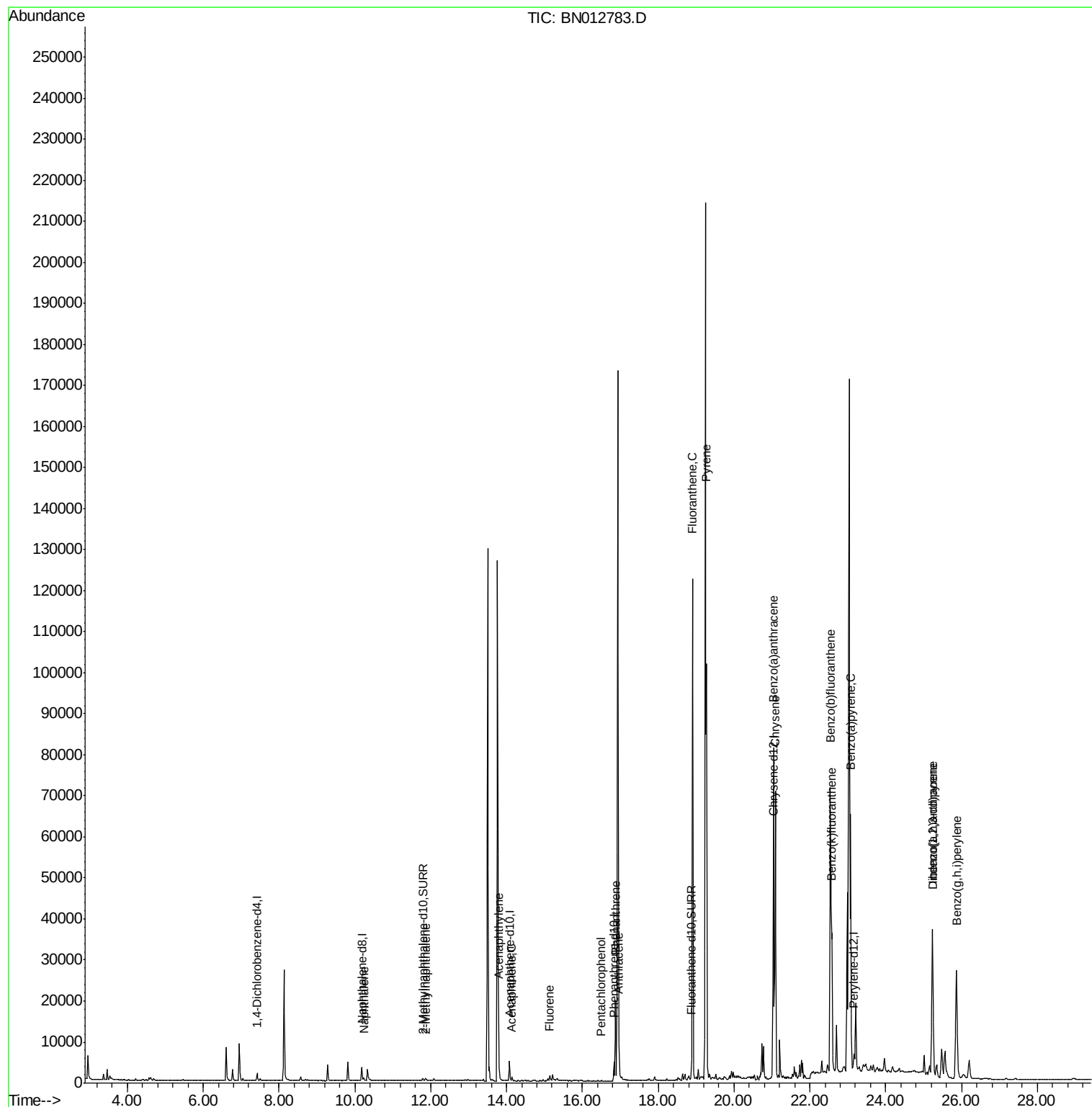
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012783.D
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Sample : L4793-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

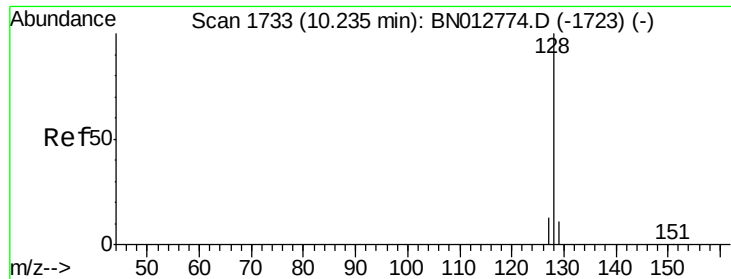
Instrument :
BNA_N
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C0B42

Manual Integrations
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Quant Time: Dec 01 16:23:12 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 10:54:12 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.062 ng/ul

RT: 10.24 min Scan# 1733

Delta R.T. 0.00 min

Lab File: BN012783.D

Acq: 01 Dec 2020 15:50

Instrument :

BNA_N

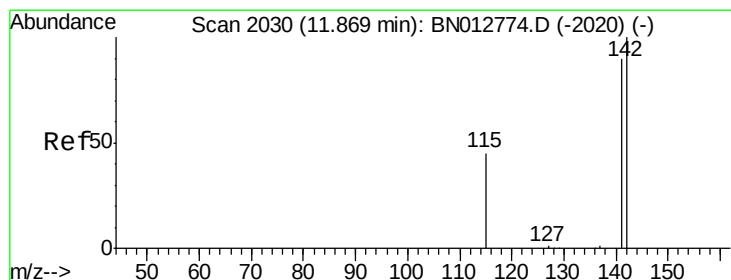
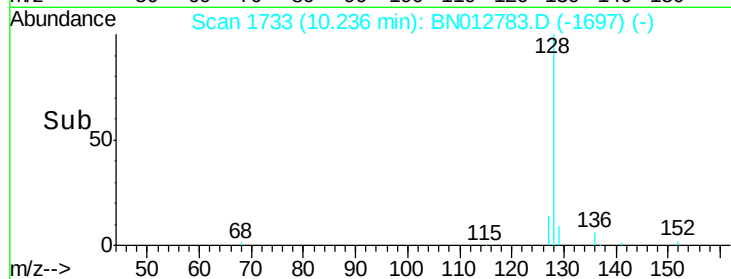
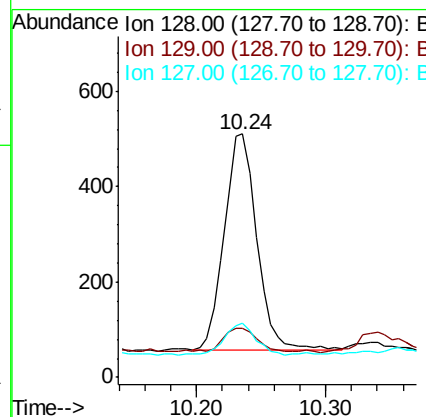
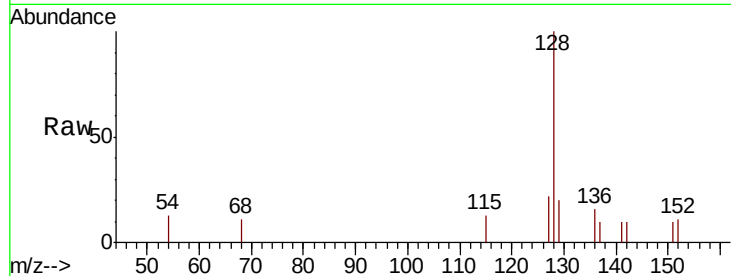
ClientSampleId :

C0B42

Tot Ion:	128	Resp:	795
Ion Ratio	Lower	Upper	
128	100		
129	20.4	11.2	16.8#
127	22.1	12.5	18.7#

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#5

2-Methylnaphthalene

Concen: 0.057 ng/ul

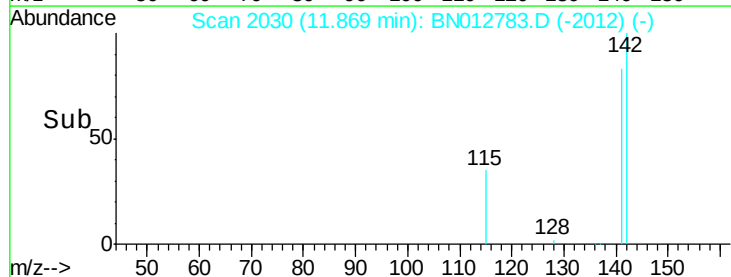
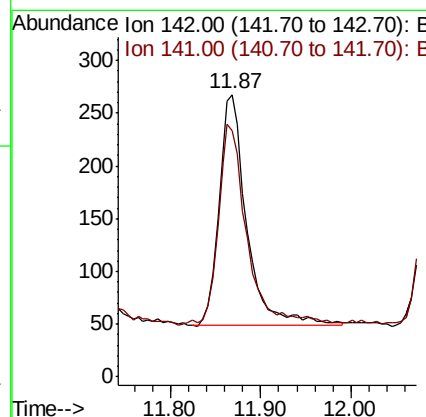
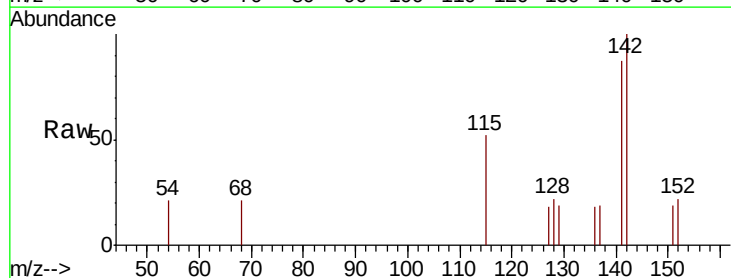
RT: 11.87 min Scan# 2030

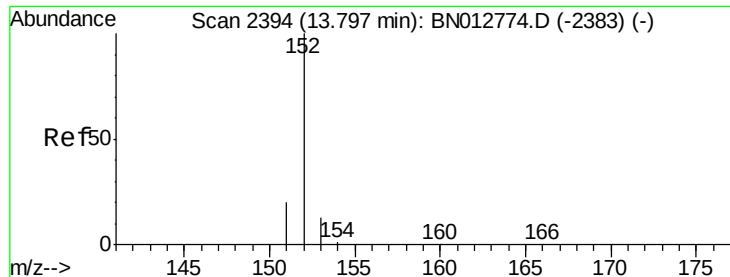
Delta R.T. 0.00 min

Lab File: BN012783.D

Acq: 01 Dec 2020 15:50

Tgt Ion:	142	Resp:	465
Ion Ratio	Lower	Upper	
142	100		
141	91.0	72.3	108.5





#7

Acenaphthylene

Concen: 0.402 ng/ul

RT: 13.80 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BN012783.D

Acq: 01 Dec 2020 15:50

Instrument :

BNA_N

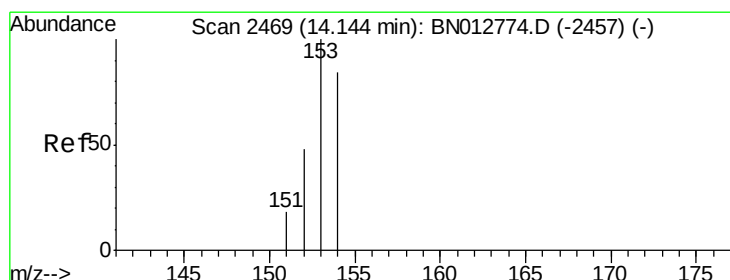
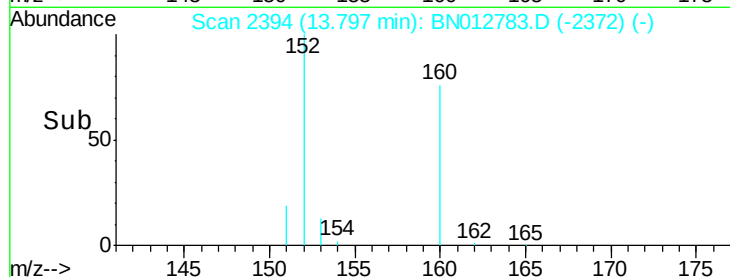
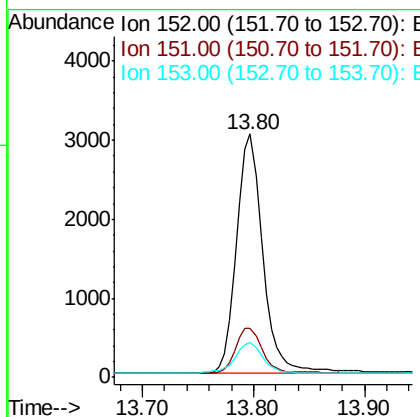
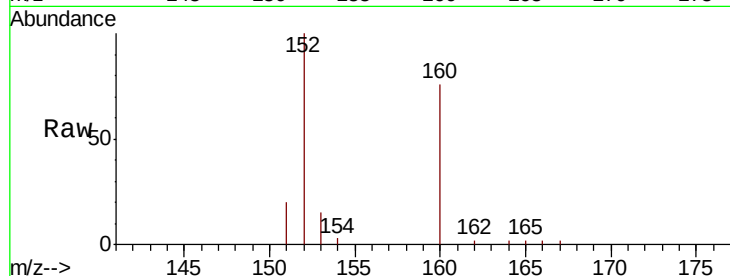
ClientSampleId :

C0B42

Tot Ion:	152	Resp:	4849
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.1	25.7
153	14.6	12.6	19.0

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#8

Acenaphthene

Concen: 0.056 ng/ul

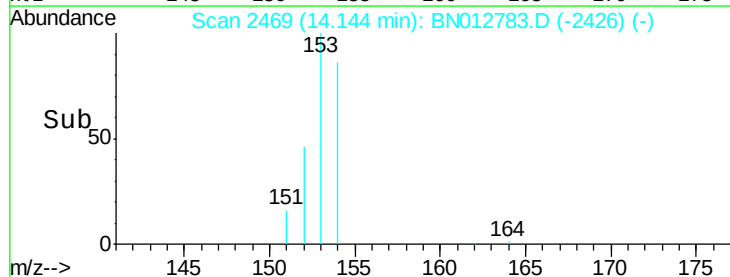
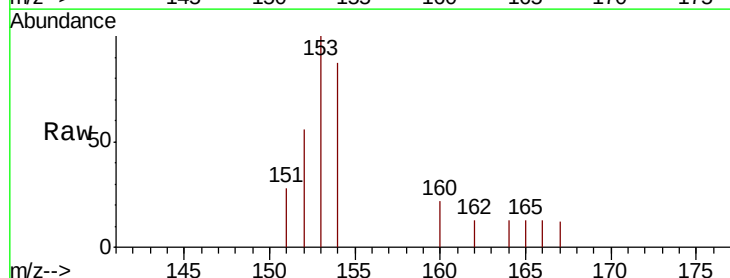
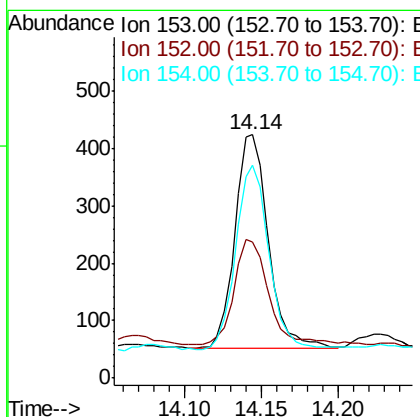
RT: 14.14 min Scan# 2469

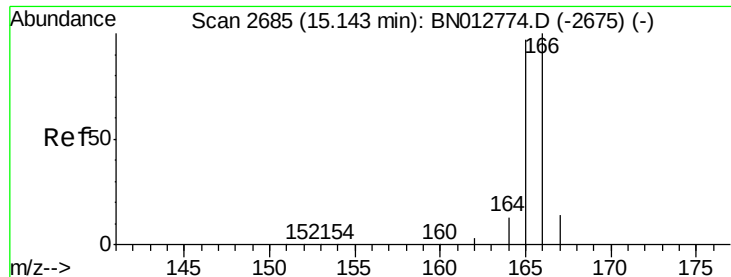
Delta R.T. 0.00 min

Lab File: BN012783.D

Acq: 01 Dec 2020 15:50

Tgt Ion:	153	Resp:	570
Ion Ratio	Lower	Upper	
153	100		
152	56.1	41.4	62.0
154	87.3	70.9	106.3





#9

Fluorene

Concen: 0.079 ng/ul

RT: 15.14 min Scan# 2684

Delta R.T. -0.00 min

Lab File: BN012783.D

Acq: 01 Dec 2020 15:50

Instrument :

BNA_N

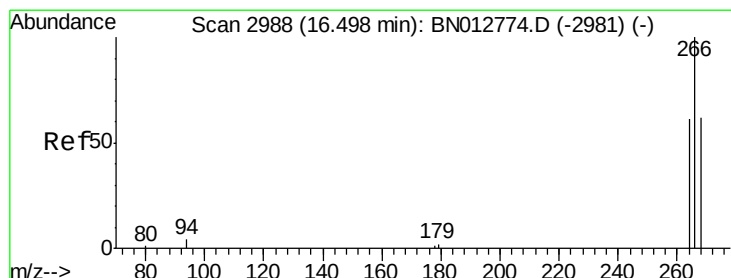
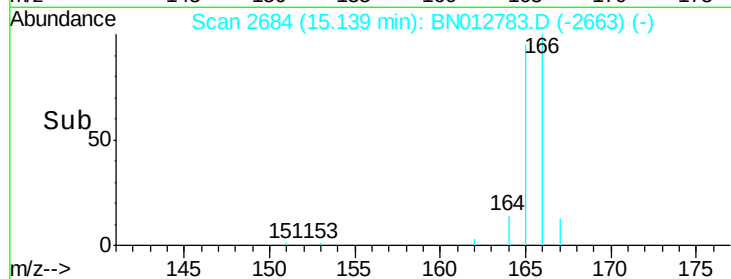
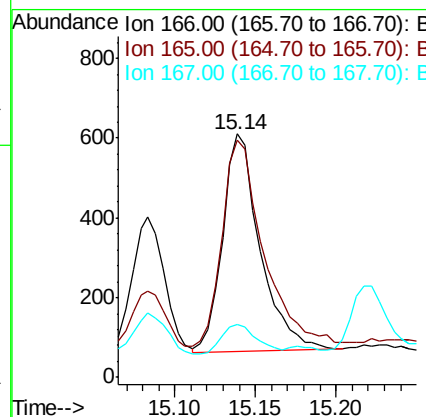
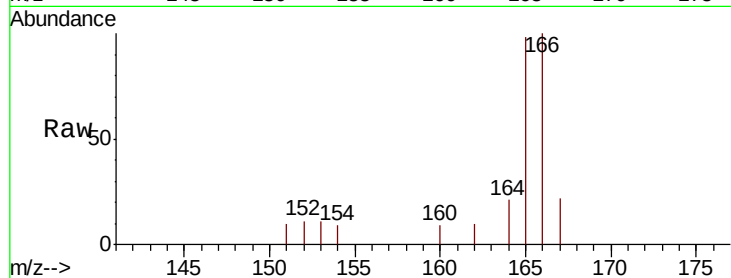
ClientSampleId :

C0B42

Tot Ion:	166	Resp:	881
Ion Ratio	Lower	Upper	
166	100		
165	97.5	78.5	117.7
167	21.8	12.7	19.1#

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#11

Pentachlorophenol

Concen: 0.028 ng/ul

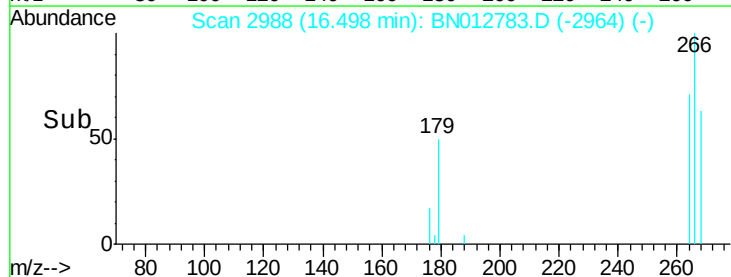
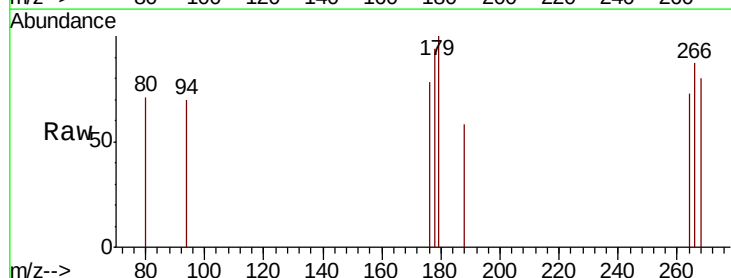
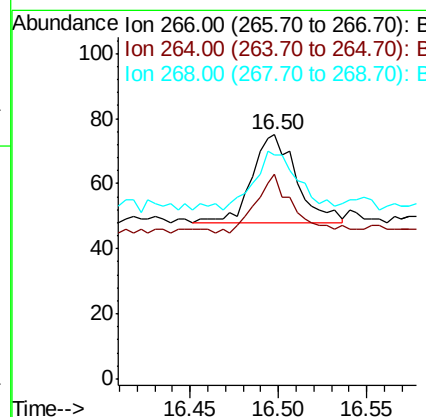
RT: 16.50 min Scan# 2988

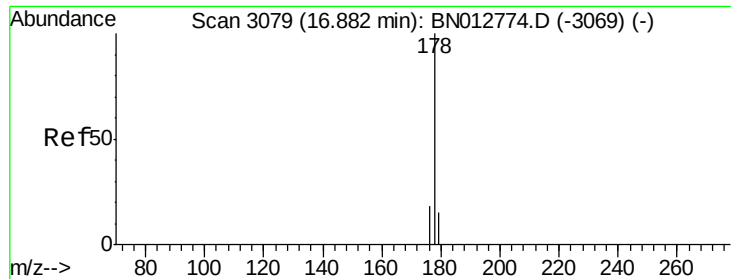
Delta R.T. 0.00 min

Lab File: BN012783.D

Acq: 01 Dec 2020 15:50

Tgt Ion:	266	Resp:	47
Ion Ratio	Lower	Upper	
266	100		
264	55.3	51.0	76.6
268	66.0	47.8	71.6





#12

Phenanthrene

Concen: 1.127 ng/ul

RT: 16.87 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BN012783.D

Acq: 01 Dec 2020 15:50

Instrument :

BNA_N

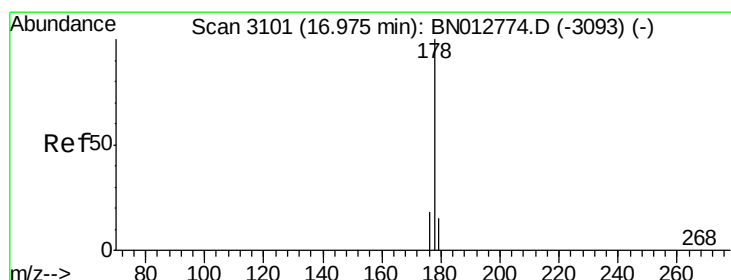
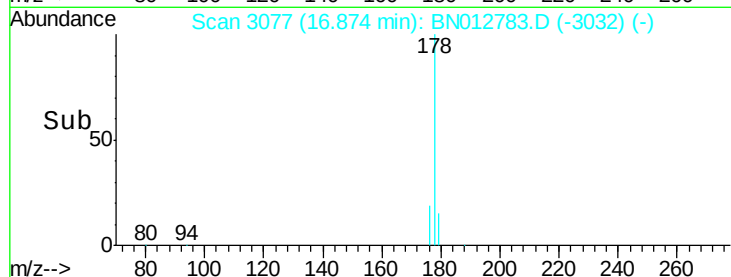
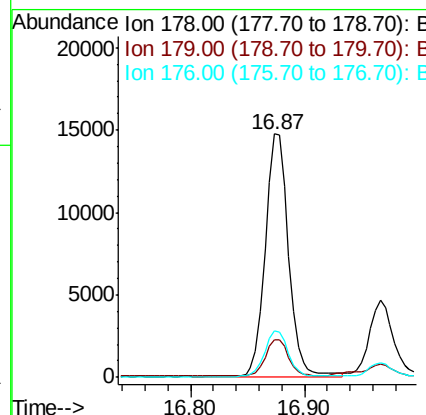
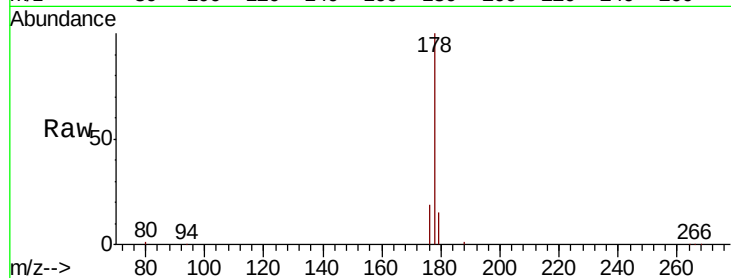
ClientSampleId :

C0B42

Tot Ion:178	Resp:	20801
Ion Ratio	Lower	Upper
178	100	
179	15.5	13.8 20.6
176	19.1	16.7 25.1

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#13

Anthracene

Concen: 0.392 ng/ul

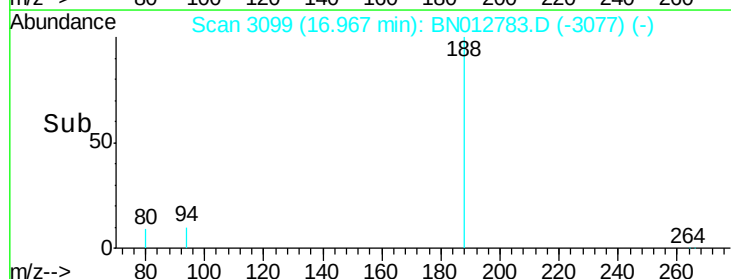
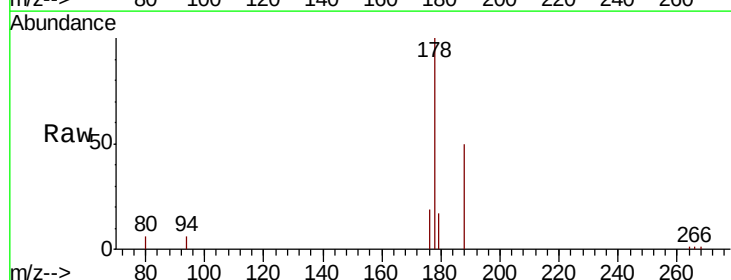
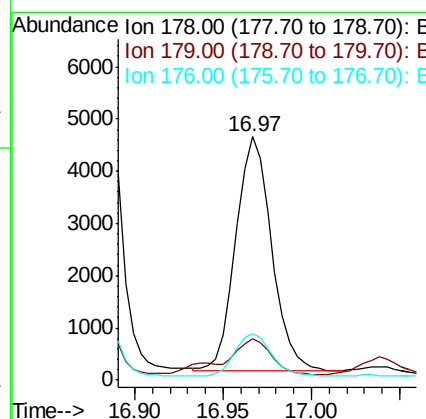
RT: 16.97 min Scan# 3099

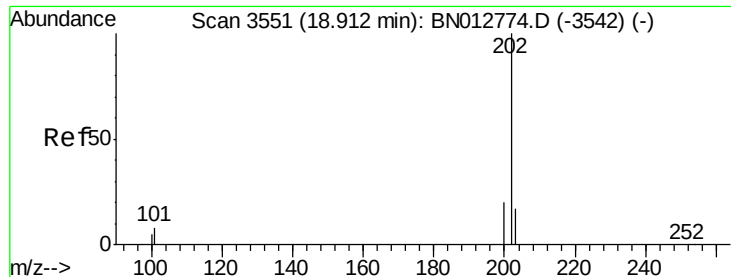
Delta R.T. -0.01 min

Lab File: BN012783.D

Acq: 01 Dec 2020 15:50

Tgt Ion:178	Resp:	6291
Ion Ratio	Lower	Upper
178	100	
179	16.8	14.8 22.2
176	18.9	16.3 24.5





#15

Fluoranthene

Concen: 4.878 ng/ul

RT: 18.91 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BN012783.D

Acq: 01 Dec 2020 15:50

Instrument :

BNA_N

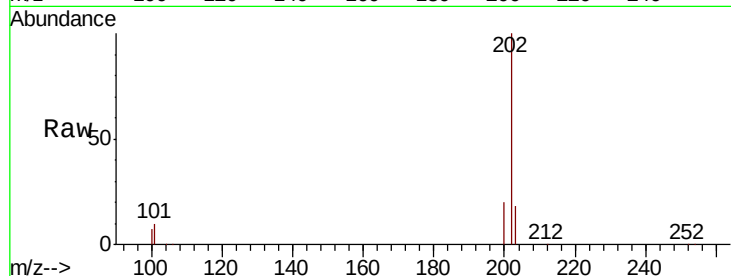
ClientSampleId :

C0B42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		103935		
101	9.6	0.0	30.5		
100	7.4	0.0	28.4		

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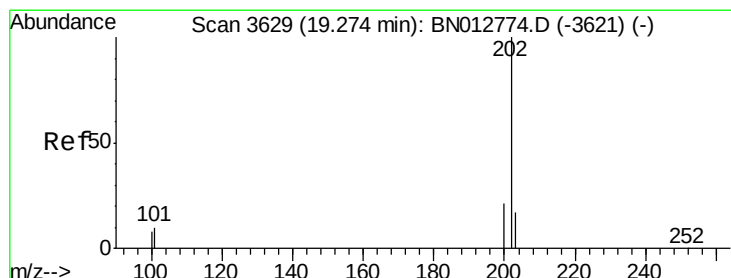
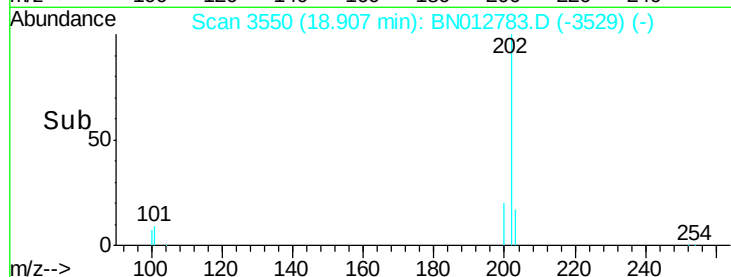
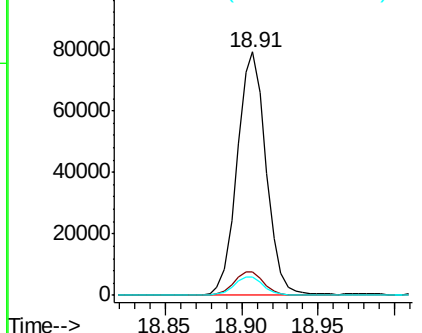
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 5.326 ng/ul

RT: 19.27 min Scan# 3629

Delta R.T. 0.00 min

Lab File: BN012783.D

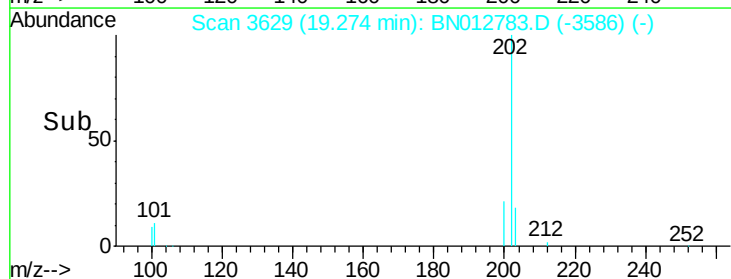
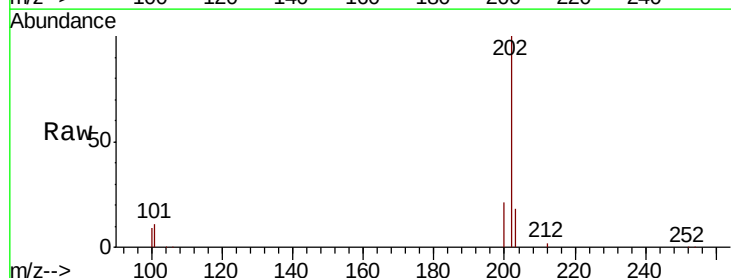
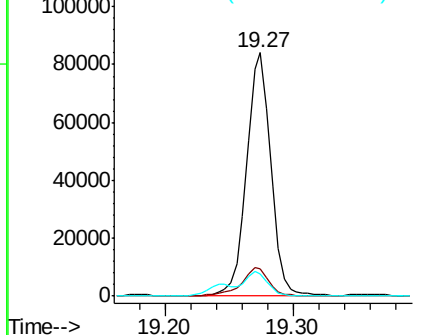
Acq: 01 Dec 2020 15:50

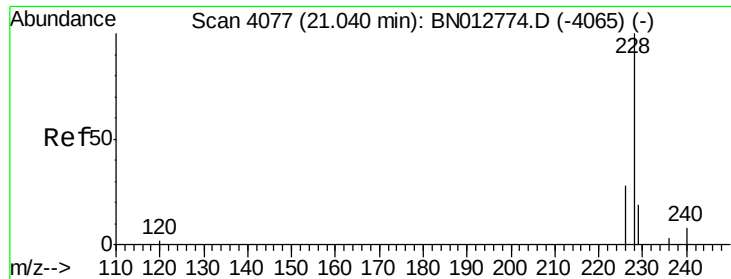
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		109977		
101	11.1	8.9	13.3		
100	8.9	7.4	11.2		

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





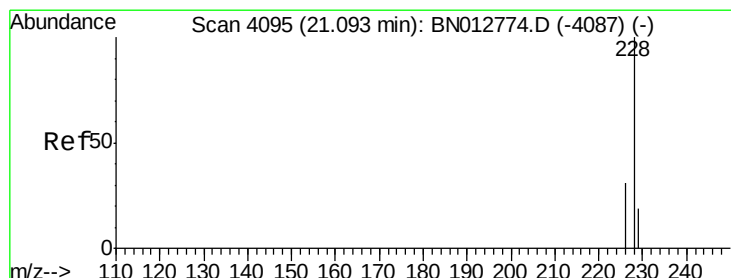
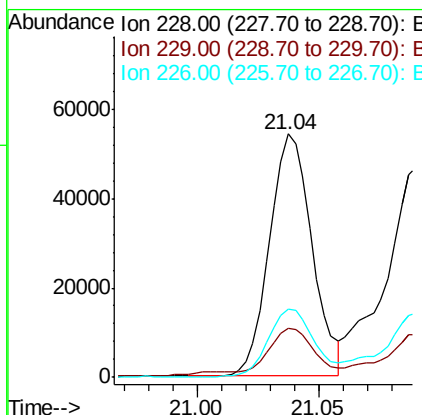
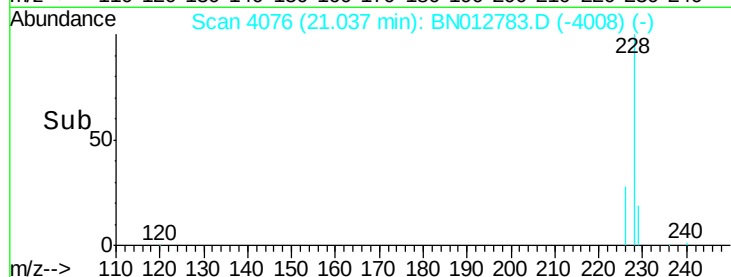
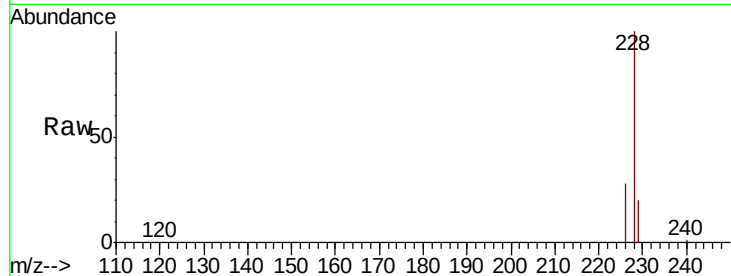
#18
Benzo(a)anthracene
Concen: 3.967 ng/ul
RT: 21.04 min Scan# 4076
Delta R.T. -0.00 min
Lab File: BN012783.D
Acq: 01 Dec 2020 15:50

Instrument :
BNA_N
ClientSampleId :
C0B42

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.9	25.3
226	28.1	23.1	34.7

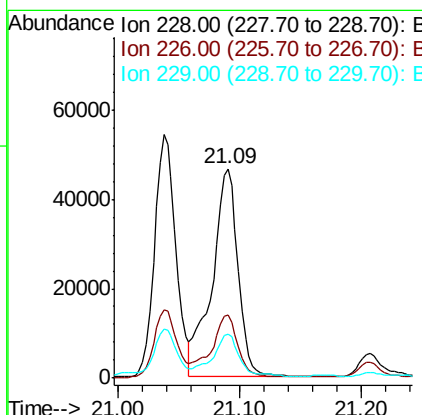
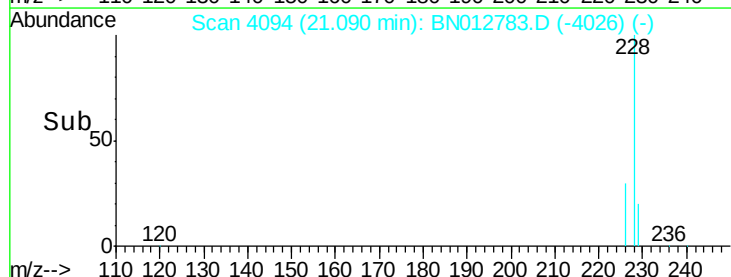
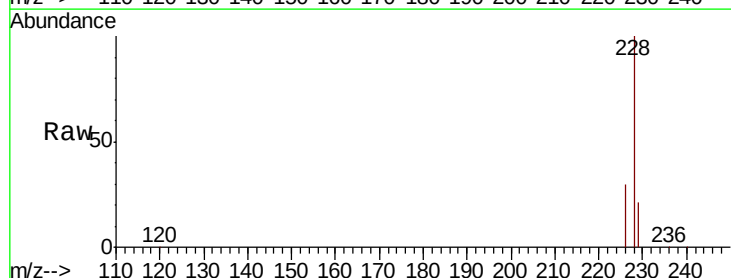
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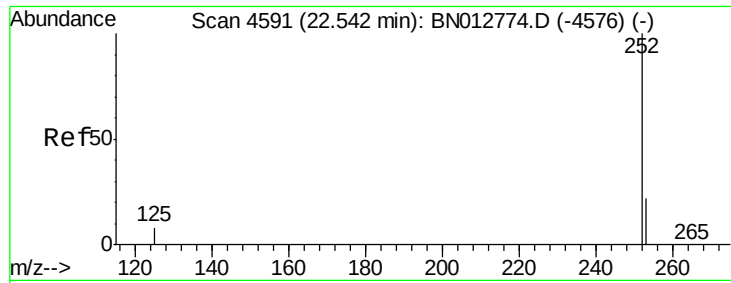
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#19
Chrysene
Concen: 3.346 ng/ul
RT: 21.09 min Scan# 4094
Delta R.T. -0.00 min
Lab File: BN012783.D
Acq: 01 Dec 2020 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	20.8	16.1	24.1





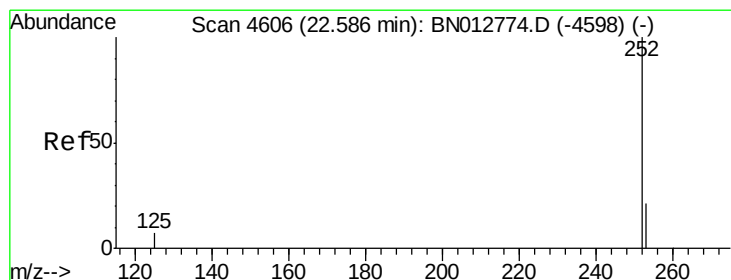
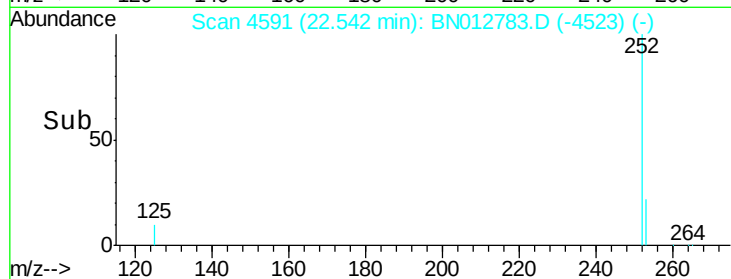
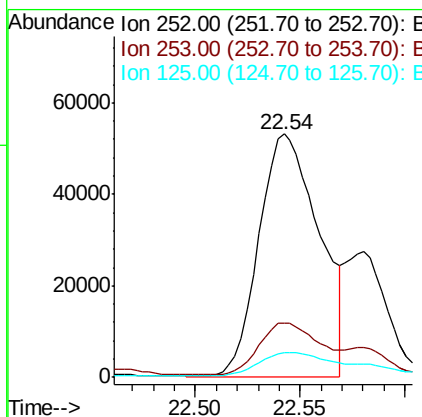
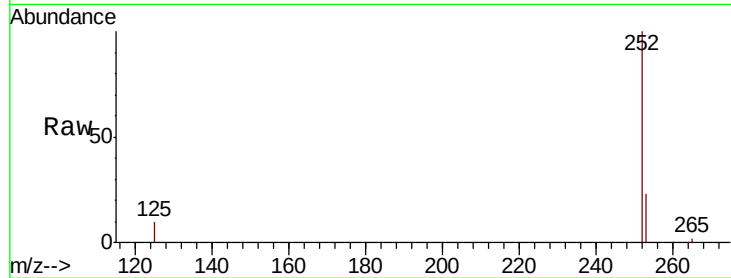
#21
Benzo(b)fluoranthene
Concen: 5.181 ng/ul m
RT: 22.54 min Scan# 4591
Delta R.T. 0.00 min
Lab File: BN012783.D
Acq: 01 Dec 2020 15:50

Instrument :
BNA_N
ClientSampleId :
C0B42

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	0.0	58.4
125	10.2	0.0	28.6

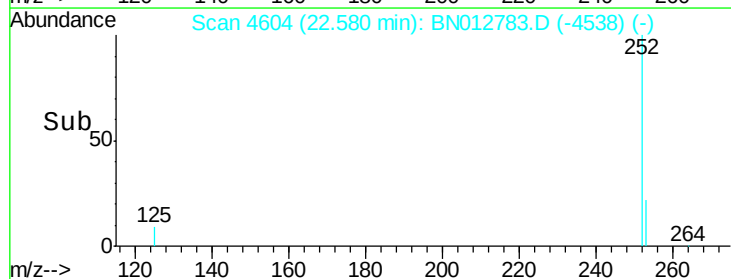
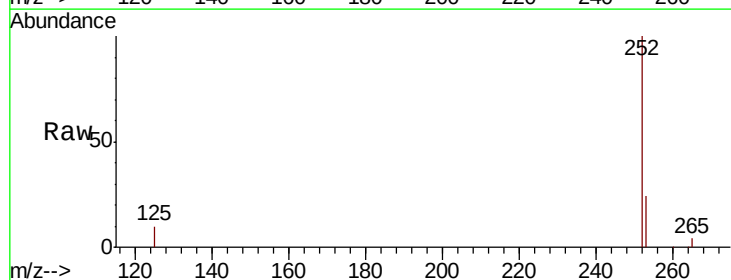
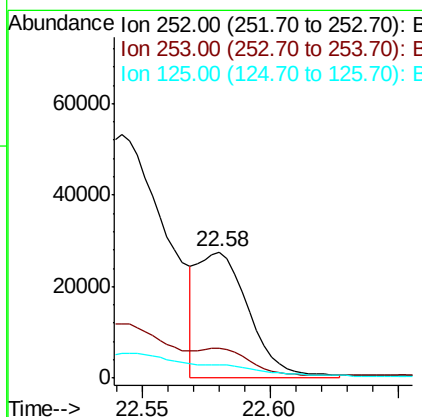
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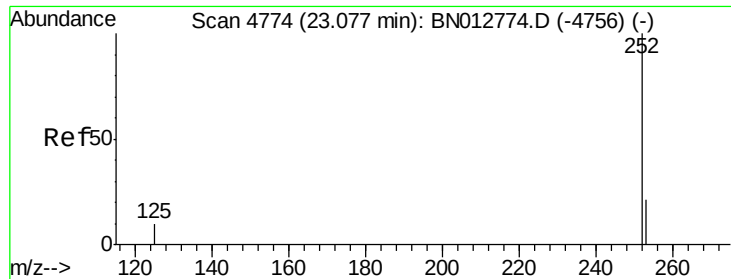
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#22
Benzo(k)fluoranthene
Concen: 1.638 ng/ul m
RT: 22.58 min Scan# 4604
Delta R.T. -0.01 min
Lab File: BN012783.D
Acq: 01 Dec 2020 15:50

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.8	23.4	35.2
125	10.4	10.2	15.2





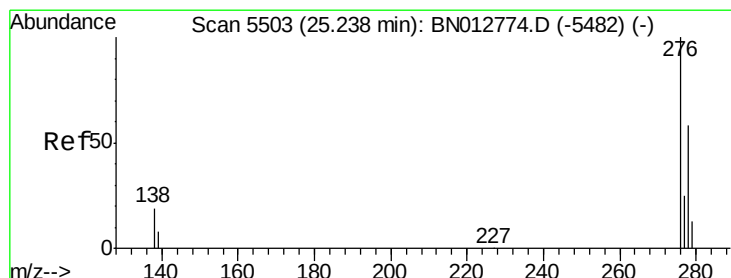
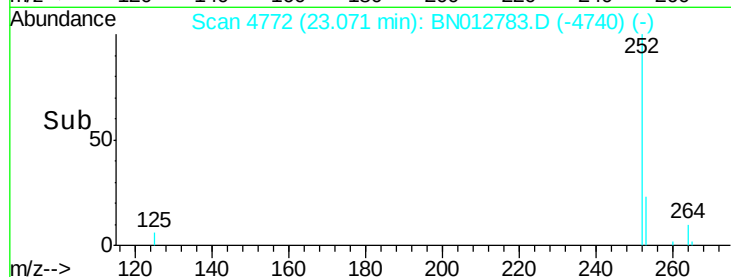
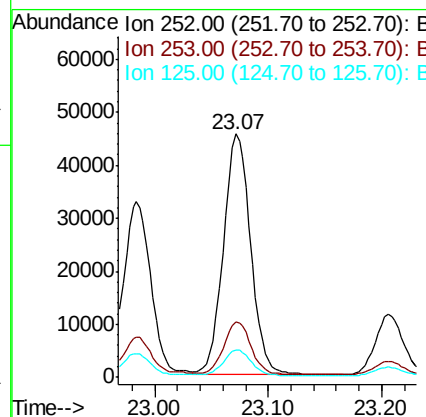
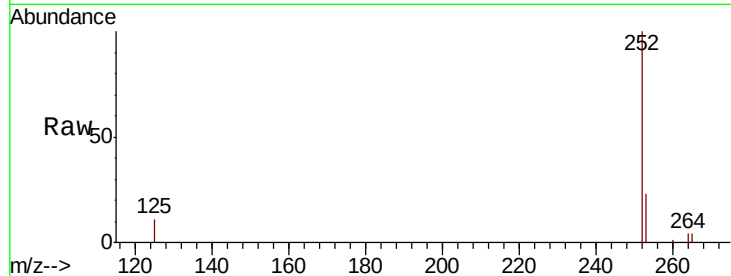
#23
Benzo(a)pyrene
Concen: 3.930 ng/ul
RT: 23.07 min Scan# 4772
Delta R.T. -0.01 min
Lab File: BN012783.D
Acq: 01 Dec 2020 15:50

Instrument :
BNA_N
ClientSampleId :
C0B42

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	27.6	41.4#
125	11.2	17.0	25.4#

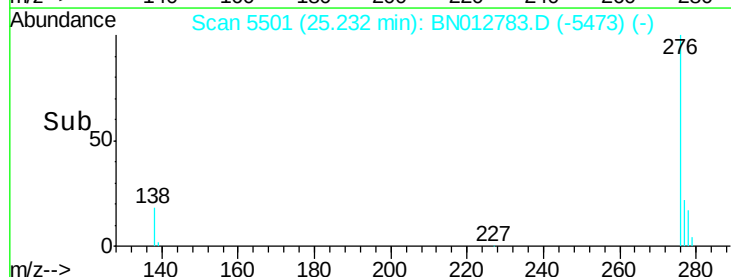
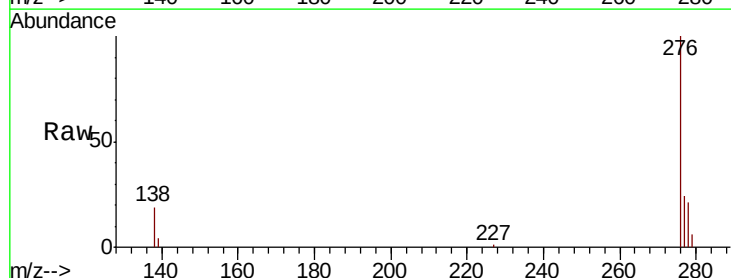
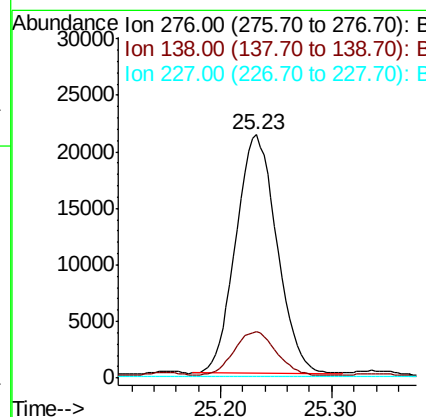
Manual Integrations
APPROVED

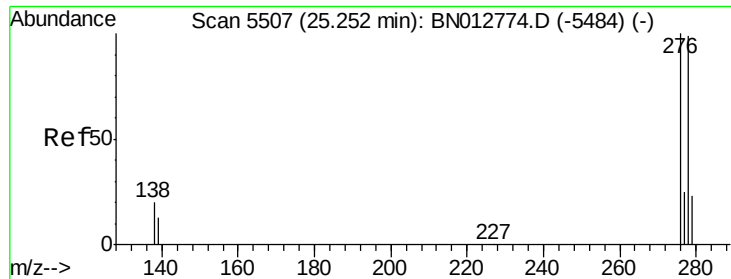
mohammad
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#24
Indeno(1,2,3-cd)pyrene
Concen: 2.143 ng/ul
RT: 25.23 min Scan# 5501
Delta R.T. -0.01 min
Lab File: BN012783.D
Acq: 01 Dec 2020 15:50

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





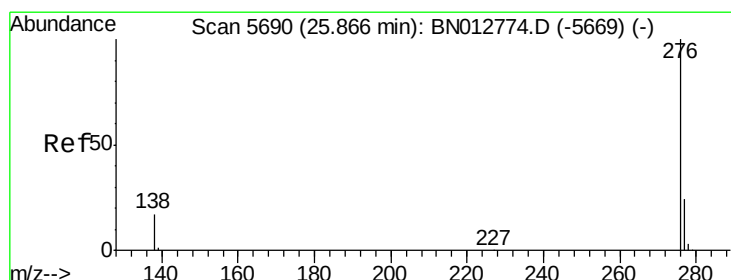
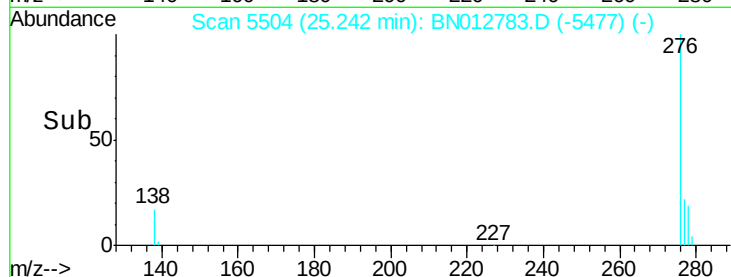
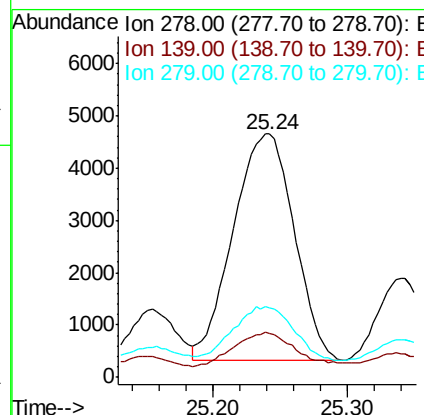
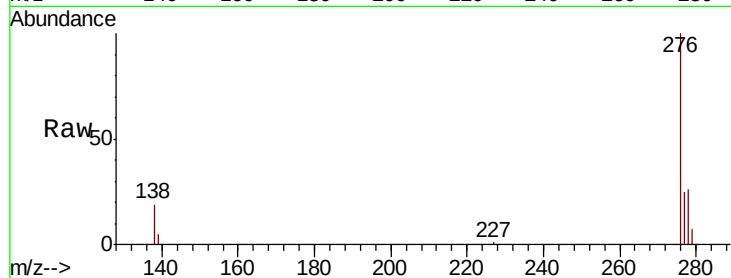
#25
Dibenzo(a,h)anthracene
Concen: 0.665 ng/ul
RT: 25.24 min Scan# 5504
Delta R.T. -0.01 min
Lab File: BN012783.D
Acq: 01 Dec 2020 15:50

Instrument :
BNA_N
ClientSampleId :
C0B42

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.8	20.8
279	28.8	25.6	38.4

Manual Integrations
APPROVED

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#26
Benzo(g,h,i)perylene
Concen: 2.265 ng/ul
RT: 25.87 min Scan# 5690
Delta R.T. 0.00 min
Lab File: BN012783.D
Acq: 01 Dec 2020 15:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.3	24.5
277	24.4	21.8	32.8

