

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012782.D
 Acq On : 01 Dec 2020 15:14
 Operator : CG/JU
 Sample : L4749-15DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B14DL

Manual Integrations
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Quant Time: Dec 01 15:45:08 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	940	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3983	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2286	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	4754	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4091	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4112	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	387	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.88	212	977	0.08	ng/ul	0.00
Target Compounds				Ovalue		
9) Fluorene	15.14	166	214	0.021	ng/ul#	92
12) Phenanthrene	16.88	178	6595	0.399	ng/ul	99
13) Anthracene	16.97	178	1445	0.100	ng/ul	96
15) Fluoranthene	18.91	202	17304	0.906	ng/ul	100
17) Pyrene	19.27	202	14987	0.819	ng/ul	98
18) Benzo(a)anthracene	21.04	228	8078	0.551	ng/ul	99
19) Chrysene	21.09	228	8932	0.488	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	11932m	0.631	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	4897m	0.224	ng/ul	
23) Benzo(a)pyrene	23.07	252	7908	0.444	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.23	276	5312	0.228	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.24	278	1372	0.073	ng/ul#	63
26) Benzo(g,h,i)perylene	25.86	276	4949	0.236	ng/ul	97

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

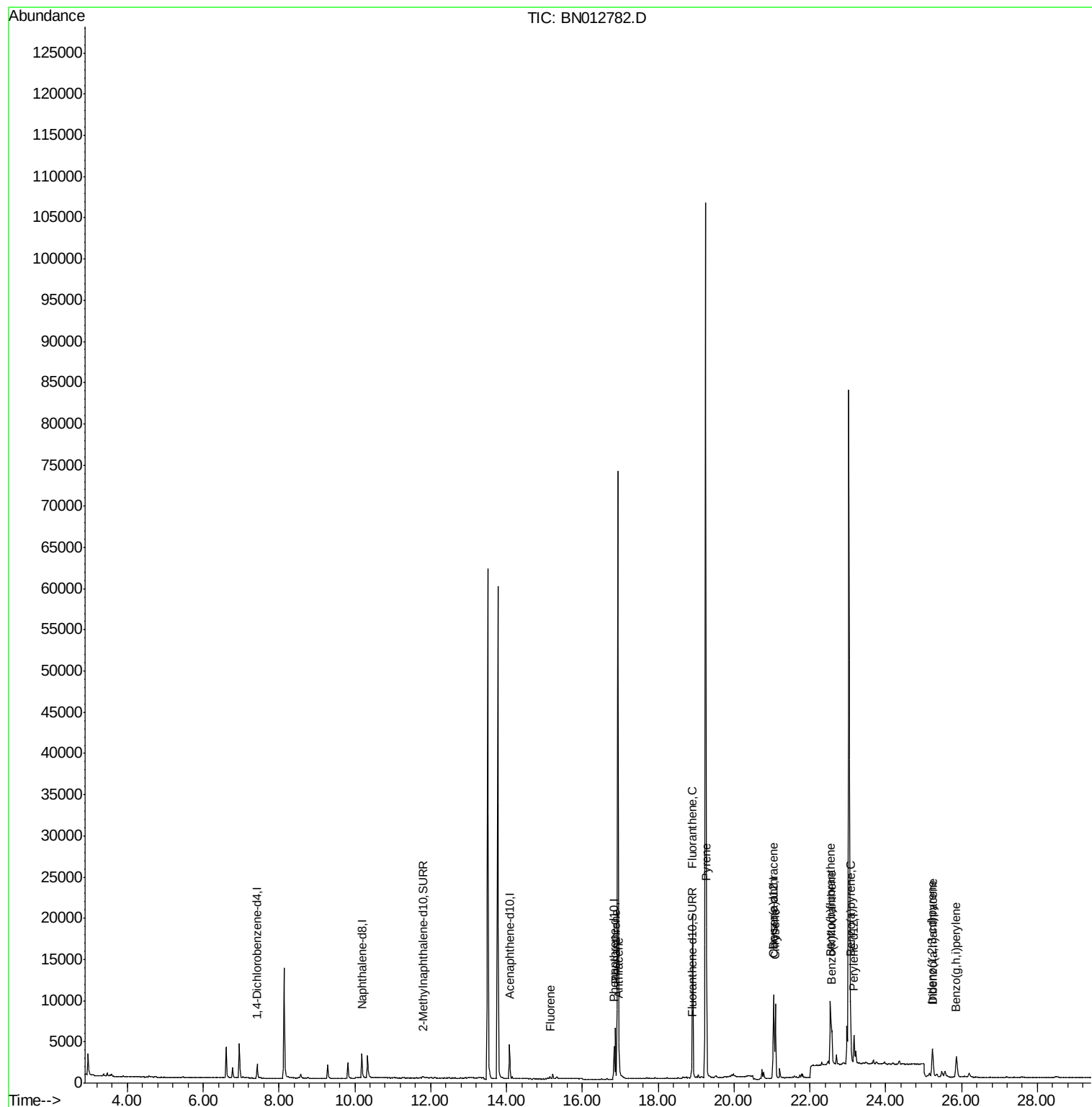
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012782.D
Acq On : 01 Dec 2020 15:14
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Misc :
ALS Vial : 10 Sample Multiplier: 1

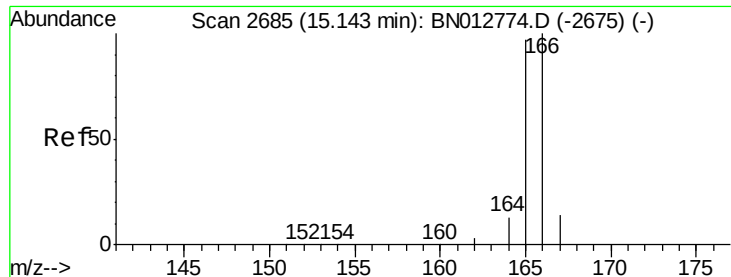
Instrument :
BNA_N
ClientSampleId :
C0B14DL

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Quant Time: Dec 01 15:45:08 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





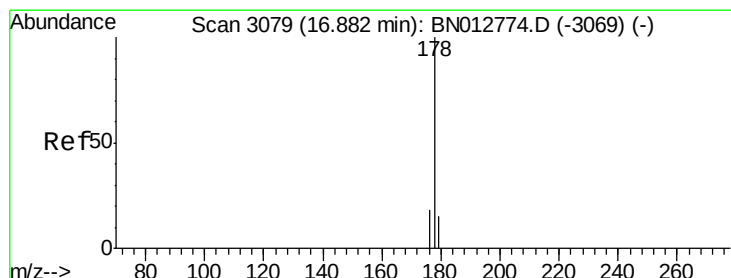
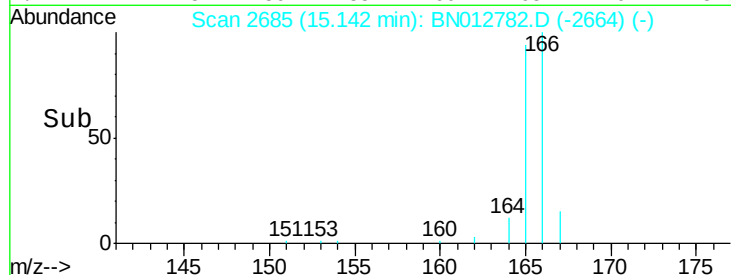
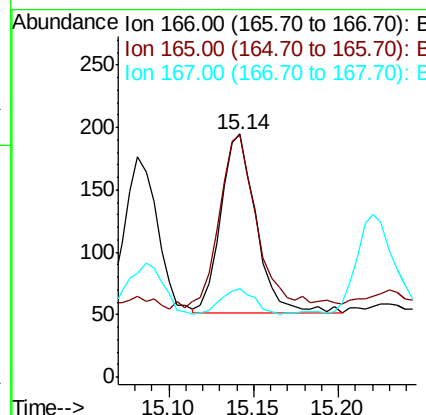
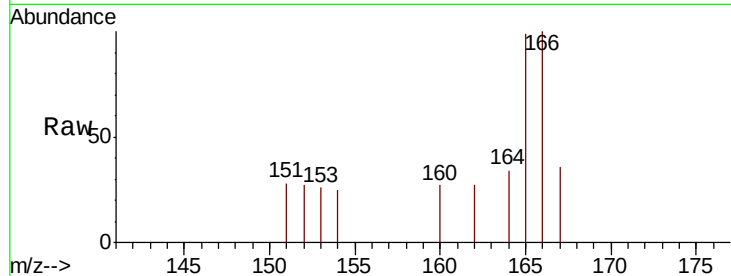
#9
Fluorene
 Concen: 0.021 ng/ul
 RT: 15.14 min Scan# 2685
 Delta R.T. -0.00 min
 Lab File: BN012782.D
 Acq: 01 Dec 2020 15:14

Instrument :
 BNA_N
 ClientSampleId :
 C0B14DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.5	117.7
167	36.4	12.7	19.1

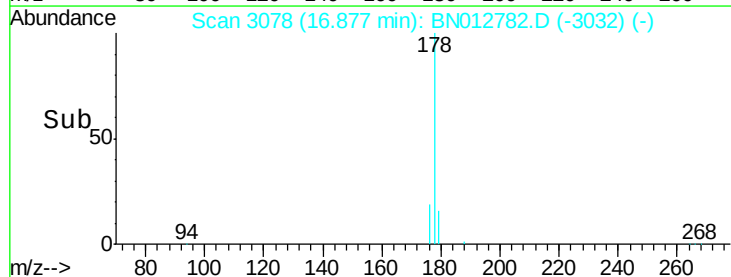
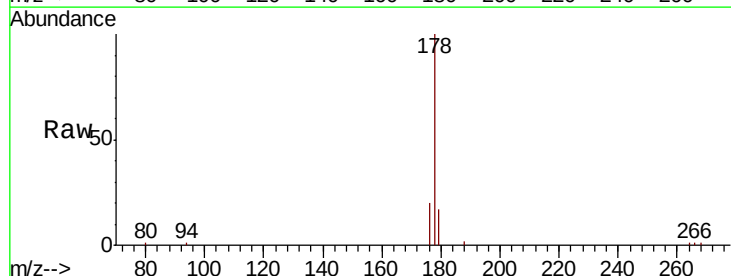
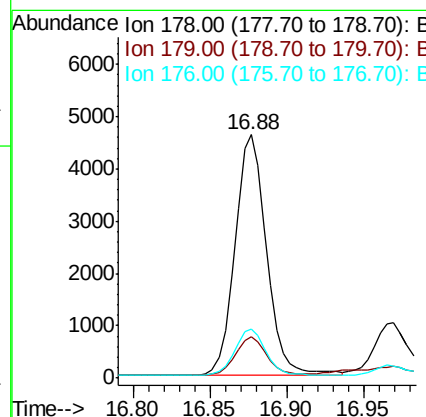
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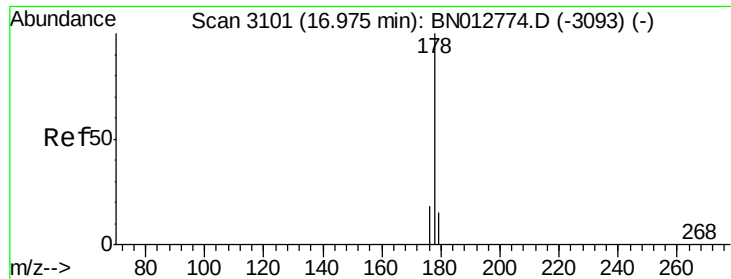
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#12
Phenanthrene
 Concen: 0.399 ng/ul
 RT: 16.88 min Scan# 3078
 Delta R.T. -0.01 min
 Lab File: BN012782.D
 Acq: 01 Dec 2020 15:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.8	20.6
176	20.0	16.7	25.1





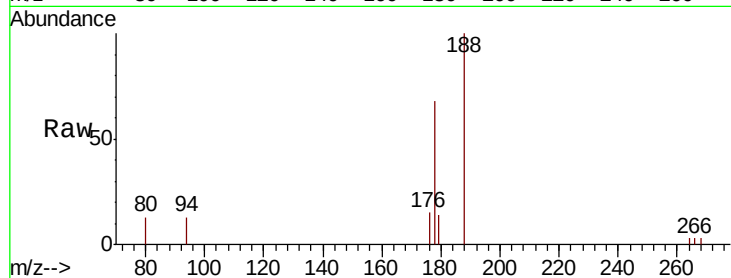
#13
 Anthracene
 Concen: 0.100 ng/ul
 RT: 16.97 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BN012782.D
 Acq: 01 Dec 2020 15:14

Instrument :
 BNA_N
 ClientSampleID :
 C0B14DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.1	14.8	22.2
176	21.3	16.3	24.5

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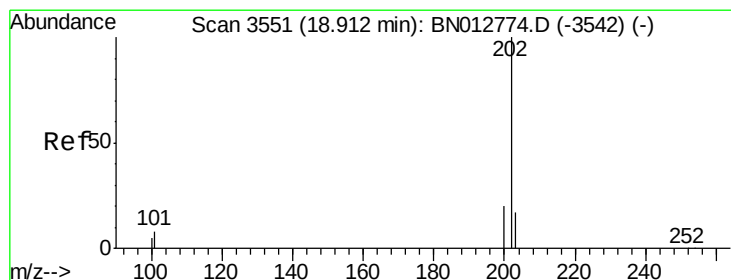
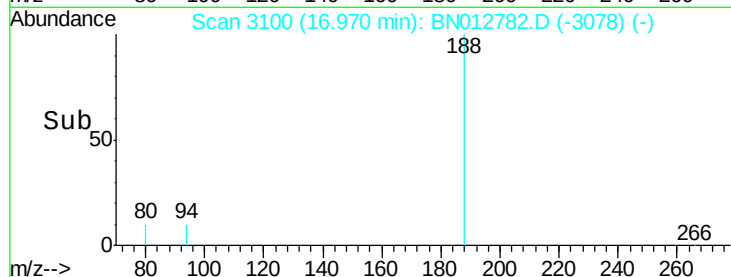
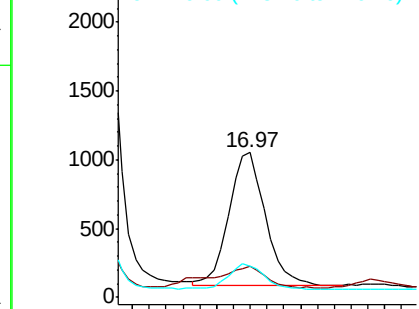


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15
 Fluoranthene
 Concen: 0.906 ng/ul
 RT: 18.91 min Scan# 3550
 Delta R.T. -0.01 min
 Lab File: BN012782.D
 Acq: 01 Dec 2020 15:14

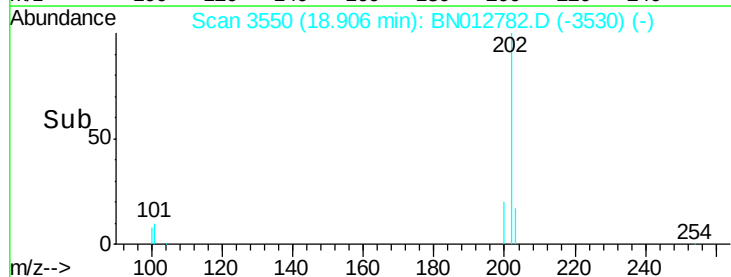
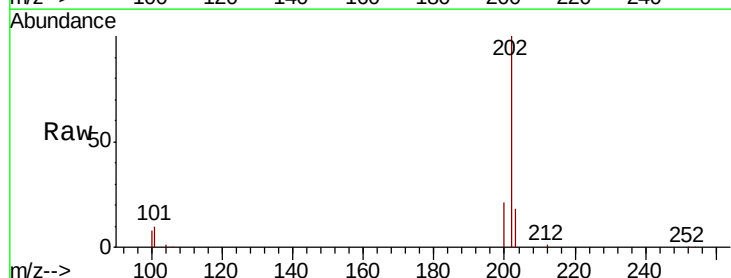
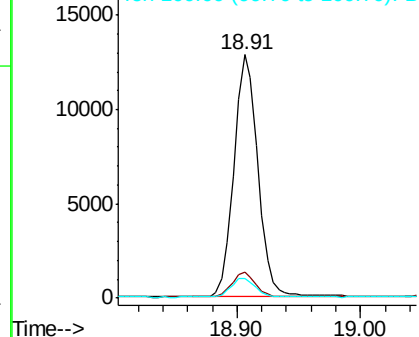
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.5
100	8.2	0.0	28.4

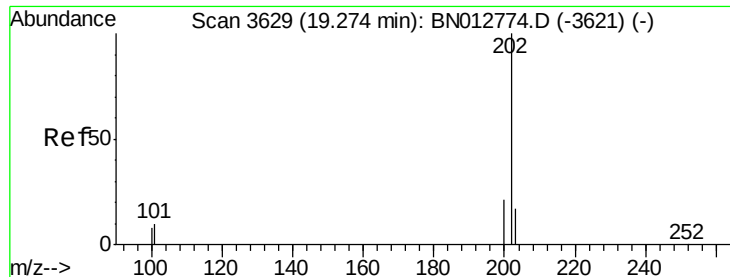
Abundance

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: 0.819 ng/ul

RT: 19.27 min Scan# 3629

Delta R.T. -0.00 min

Lab File: BN012782.D

Acq: 01 Dec 2020 15:14

Instrument :

BNA_N

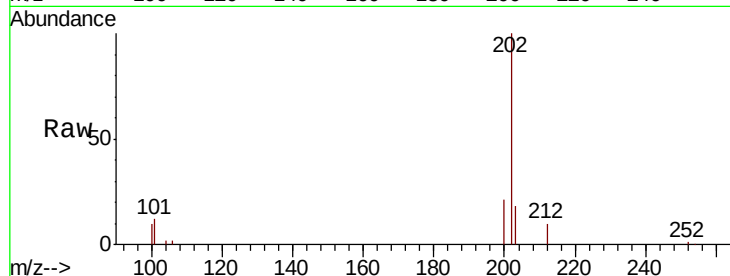
ClientSampleId :

C0B14DL

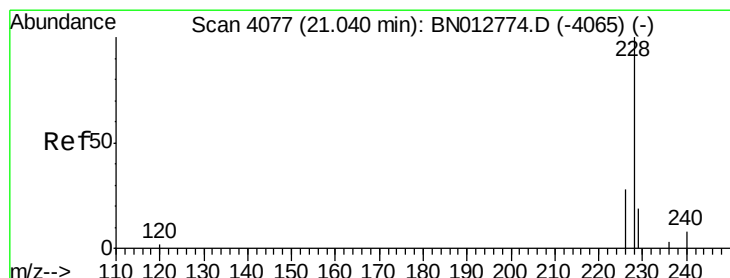
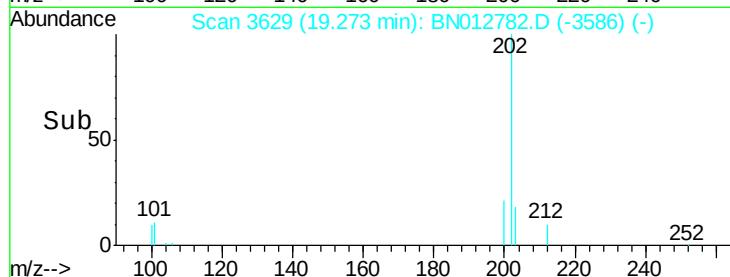
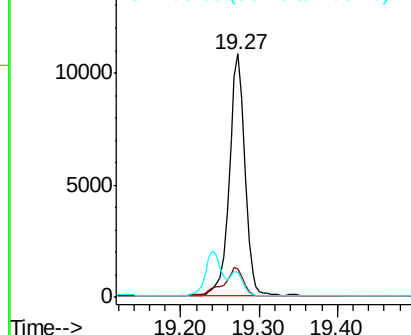
Tot Ion:	202	Resp:	14987
Ion Ratio	Lower	Upper	
202	100		
101	12.0	8.9	13.3
100	10.1	7.4	11.2

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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



#18

Benzo(a)anthracene

Concen: 0.551 ng/ul

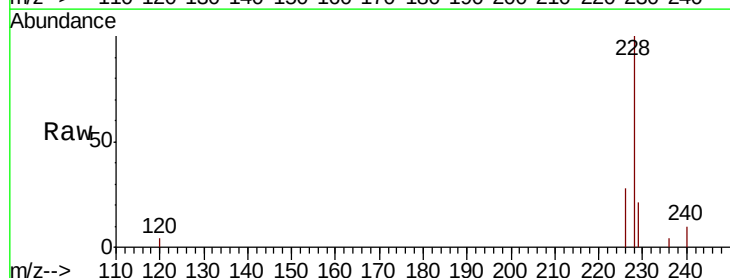
RT: 21.04 min Scan# 4077

Delta R.T. -0.00 min

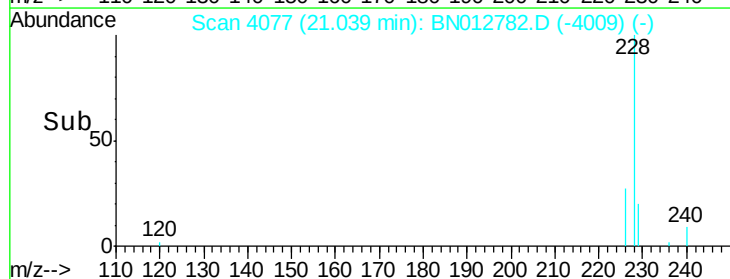
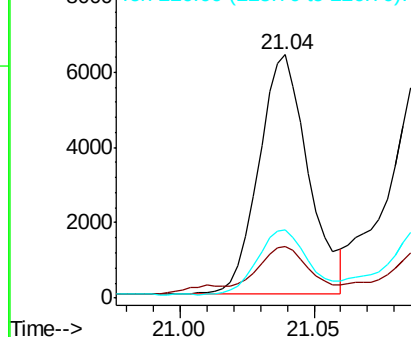
Lab File: BN012782.D

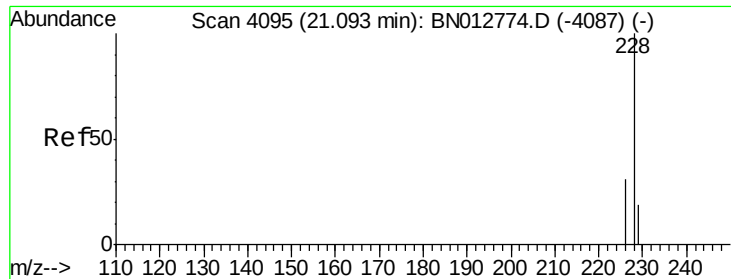
Acq: 01 Dec 2020 15:14

Tgt Ion:	228	Resp:	8078
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.9	25.3
226	28.2	23.1	34.7



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





#19

Chrysene

Concen: 0.488 ng/ul

RT: 21.09 min Scan# 4094

Delta R.T. -0.00 min

Lab File: BN012782.D

Acq: 01 Dec 2020 15:14

Instrument :

BNA_N

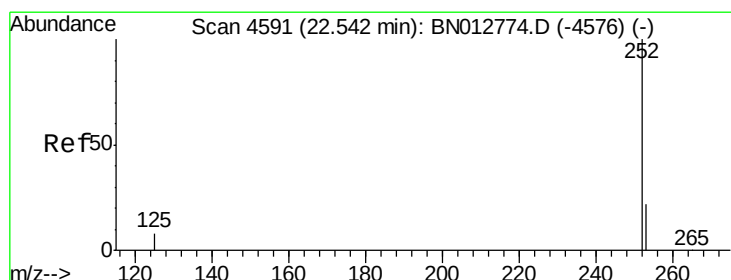
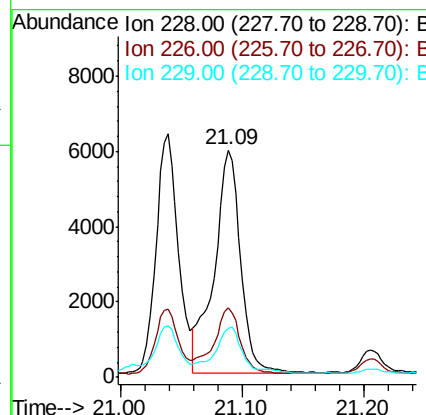
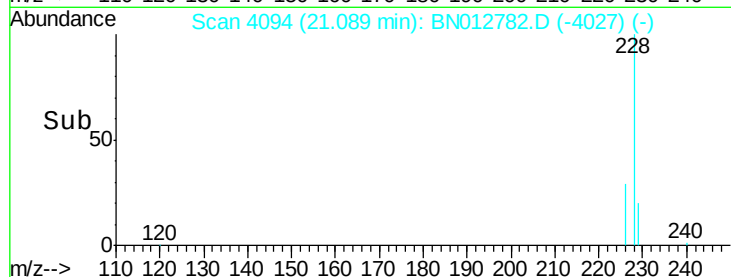
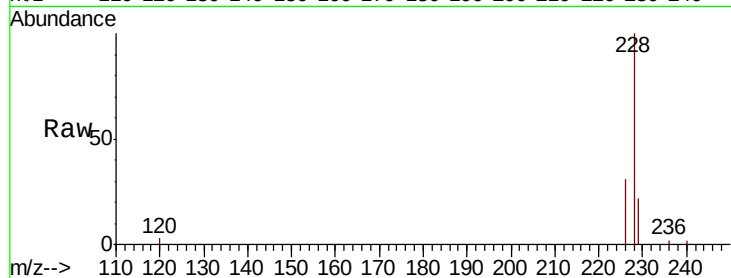
ClientSampleID :

C0B14DL

Tot Ion:228	Resp:	8932
Ion Ratio	Lower	Upper
228 100		
226 30.7	24.4	36.6
229 21.7	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 0.631 ng/ul m

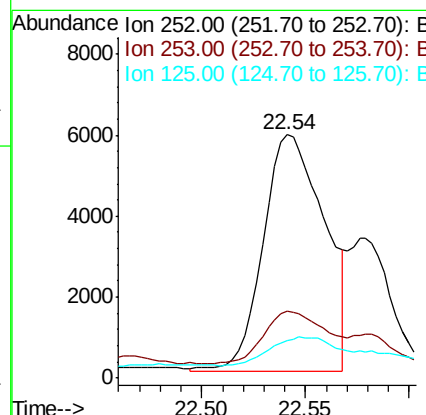
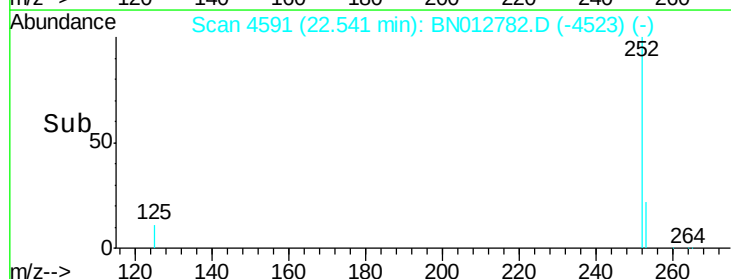
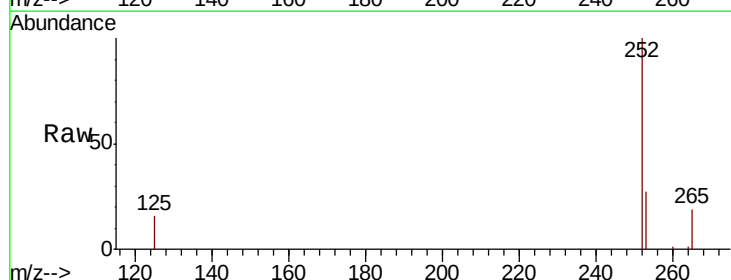
RT: 22.54 min Scan# 4591

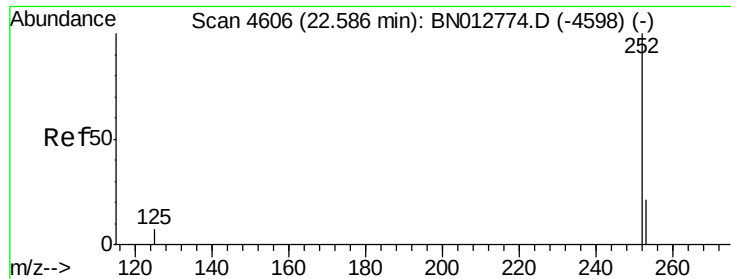
Delta R.T. -0.00 min

Lab File: BN012782.D

Acq: 01 Dec 2020 15:14

Tgt Ion:252	Resp:	11932
Ion Ratio	Lower	Upper
252 100		
253 27.3	0.0	58.4
125 15.5	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.224 ng/ul

RT: 22.58 min Scan# 4604

Delta R.T. -0.01 min

Lab File: BN012782.D

Acq: 01 Dec 2020 15:14

Instrument :

BNA_N

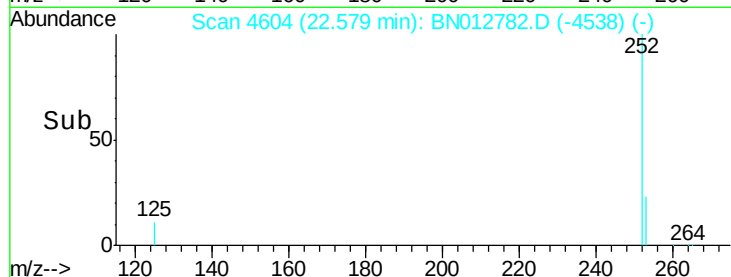
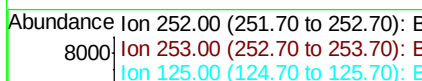
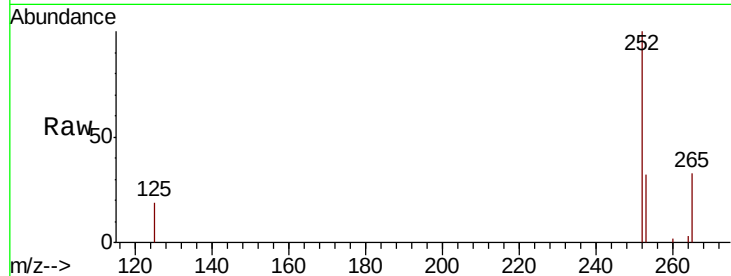
ClientSampleId :

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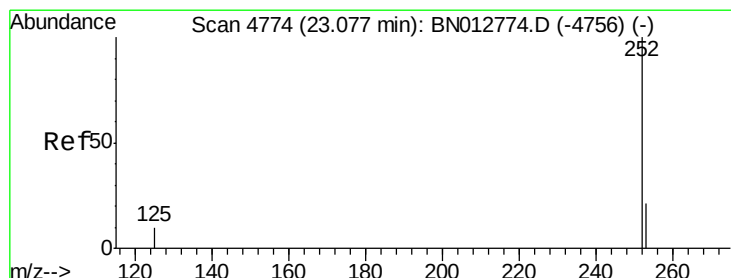
Tot Ion:	252	Resp:	4897
Ion Ratio	Lower	Upper	
252	100		
253	31.6	23.4	35.2
125	18.8	10.2	15.2#

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Time-->



#23

Benzo(a)pyrene

Concen: 0.444 ng/ul

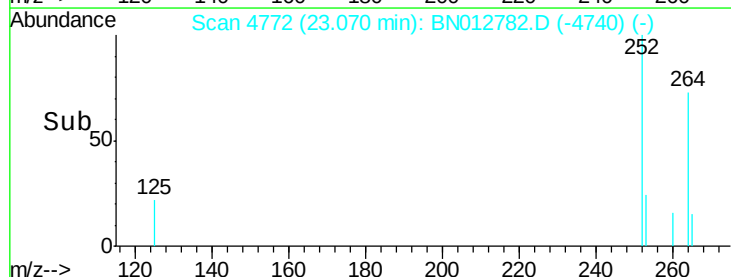
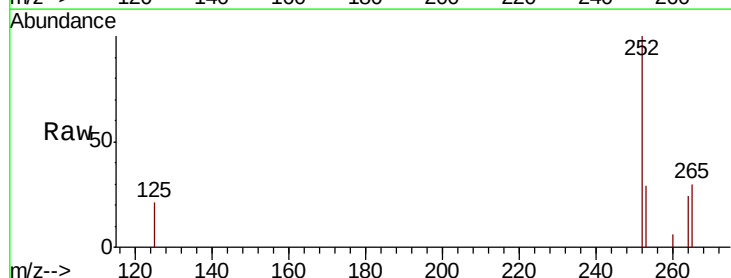
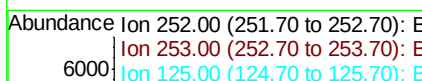
RT: 23.07 min Scan# 4772

Delta R.T. -0.01 min

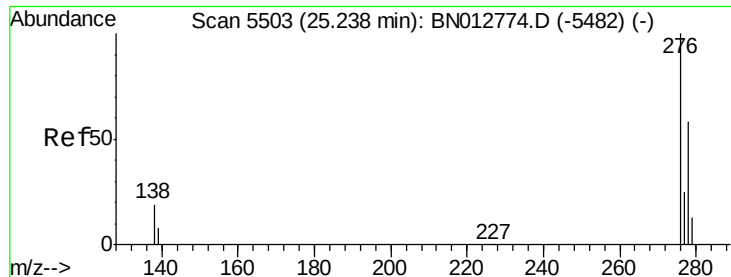
Lab File: BN012782.D

Acq: 01 Dec 2020 15:14

Tgt Ion:	252	Resp:	7908
Ion Ratio	Lower	Upper	
252	100		
253	29.3	27.6	41.4
125	21.2	17.0	25.4



Time-->



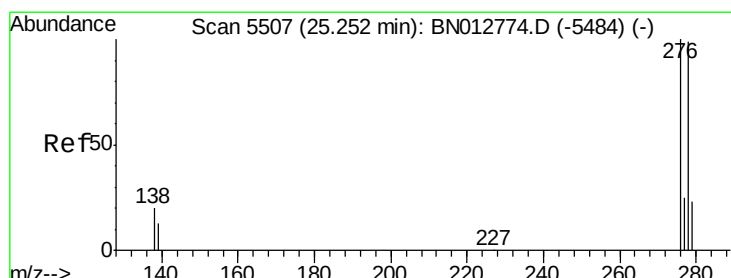
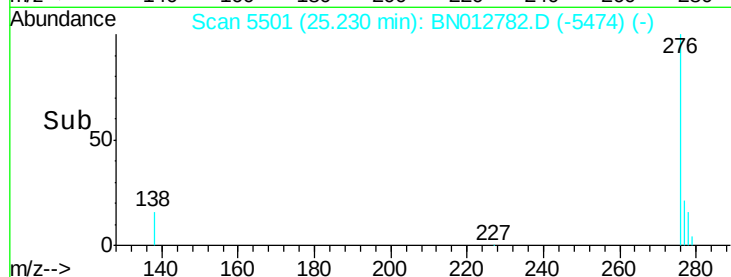
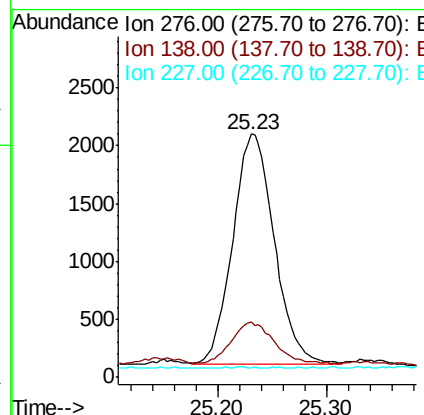
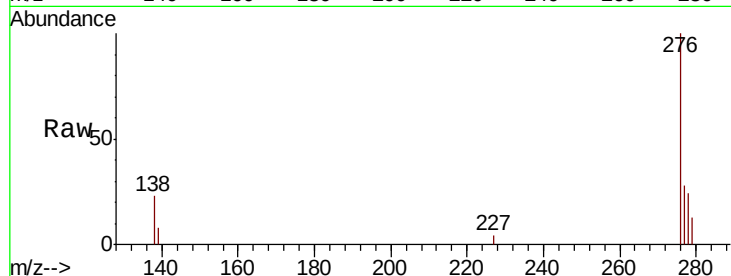
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.228 ng/ul
RT: 25.23 min Scan# 5501
Delta R.T. -0.01 min
Lab File: BN012782.D
Acq: 01 Dec 2020 15:14

Instrument :
BNA_N
ClientSampleId :
C0B14DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.5	24.7
227	0.1	0.1	0.1#

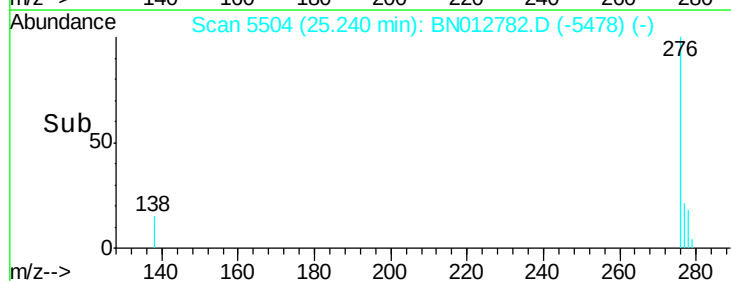
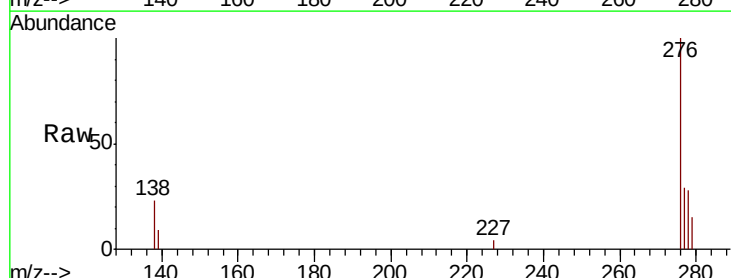
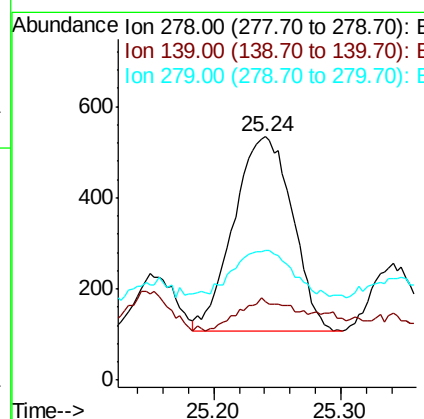
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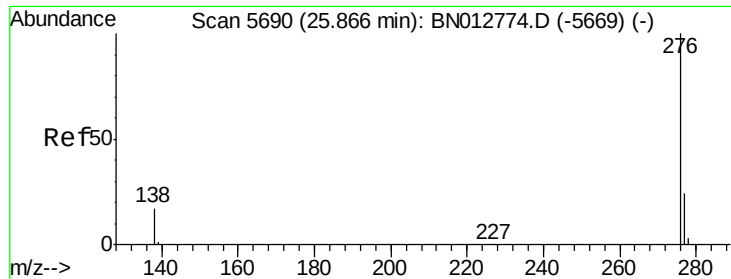
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#25
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul
RT: 25.24 min Scan# 5504
Delta R.T. -0.01 min
Lab File: BN012782.D
Acq: 01 Dec 2020 15:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.0	13.8	20.8#
279	53.6	25.6	38.4#





#26

Benzo(a,h,i)perylene

Concen: 0.236 ng/ul

RT: 25.86 min Scan# 5689

Delta R.T. -0.00 min

Lab File: BN012782.D

Acq: 01 Dec 2020 15:14

Instrument :

BNA_N

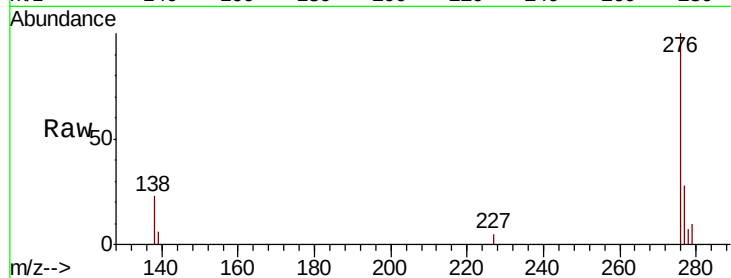
ClientSampleId :

C0B14DL

Tot Ion:	276	Resp:	4949
Ion Ratio	Lower	Upper	
276	100		
138	23.0	16.3	24.5
277	28.0	21.8	32.8

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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

