

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012779.D
 Acq On : 01 Dec 2020 13:25
 Operator : CG/JU
 Sample : L4749-17DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B16DL

Manual Integrations
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Quant Time: Dec 01 13:56:25 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	7.43	152	742	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	2864	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	1719	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3636	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3212	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	3235	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	102	0.02	ng/ul	0.02
14) Fluoranthene-d10	18.88	212	245	0.03	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.88	178	4113	0.325	ng/ul	99
13) Anthracene	16.97	178	763	0.069	ng/ul#	89
15) Fluoranthene	18.91	202	13978	0.957	ng/ul	96
17) Pyrene	19.27	202	13650	0.950	ng/ul	99
18) Benzo(a)anthracene	21.04	228	7980	0.693	ng/ul	99
19) Chrysene	21.09	228	11298	0.786	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	18253m	1.227	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	6344m	0.370	ng/ul	
23) Benzo(a)pyrene	23.07	252	9335m	0.667	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.23	276	8103	0.442	ng/ul	93
25) Dibenzo(a,h)anthracene	25.24	278	1910	0.130	ng/ul#	85
26) Benzo(g,h,i)perylene	25.86	276	7484	0.454	ng/ul	98

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

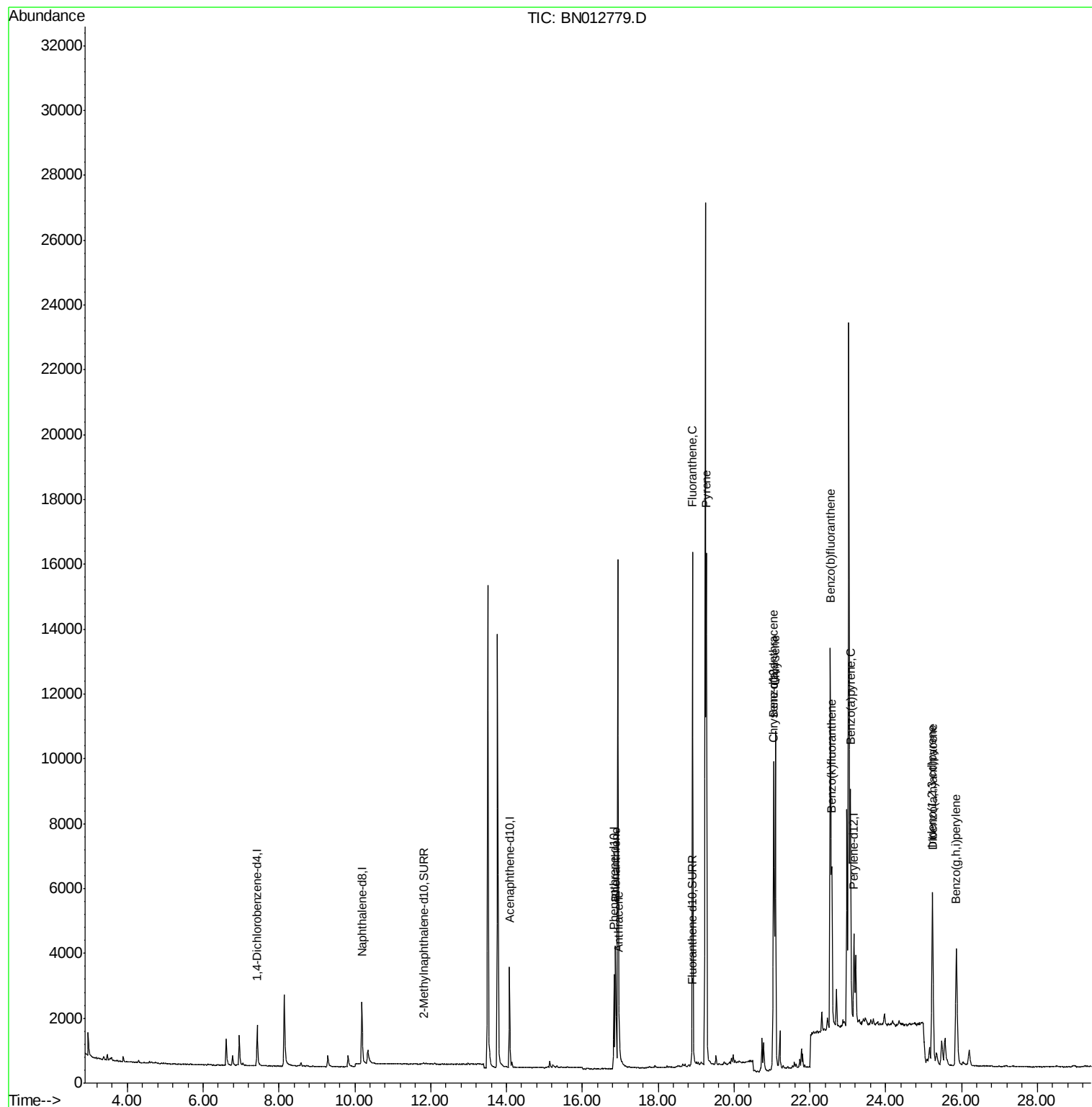
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012779.D
Acq On : 01 Dec 2020 13:25
Operator : CG/JU
Sample : L4749-17DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

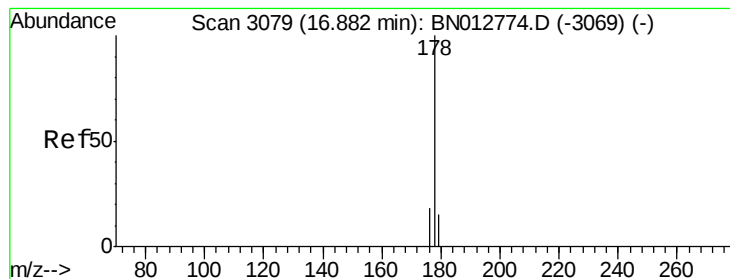
Instrument :
BNA_N
ClientSampleId :
C0B16DL

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Quant Time: Dec 01 13:56:25 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





#12

Phenanthrene

Concen: 0.325 ng/ul

RT: 16.88 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BN012779.D

Acq: 01 Dec 2020 13:25

Instrument :

BNA_N

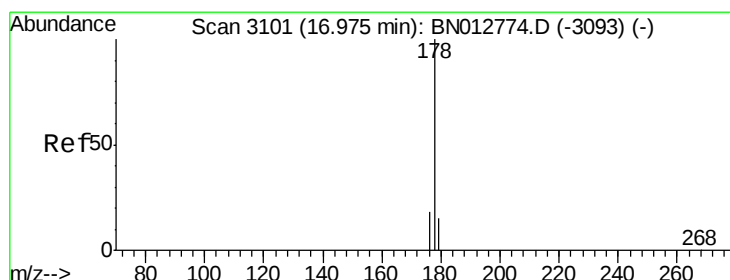
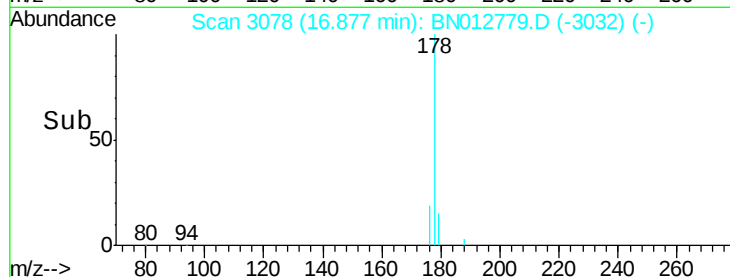
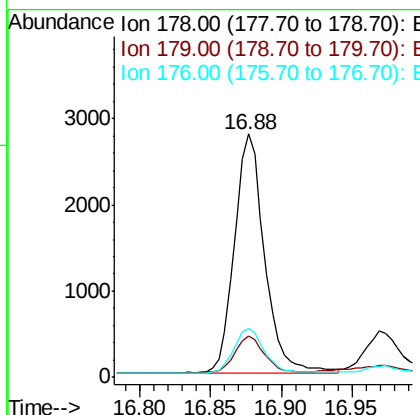
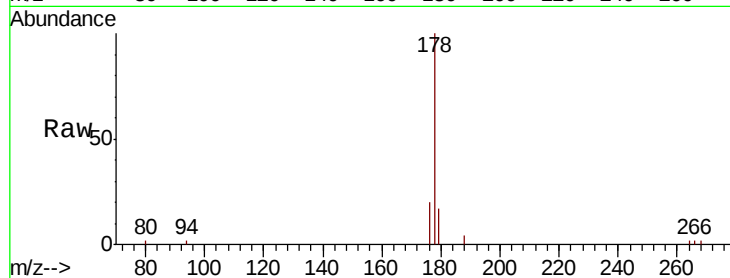
ClientSampleId :

C0B16DL

Tot Ion:178	Resp:	4113
Ion Ratio	Lower	Upper
178	100	
179	17.0	13.8 20.6
176	20.0	16.7 25.1

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#13

Anthracene

Concen: 0.069 ng/ul

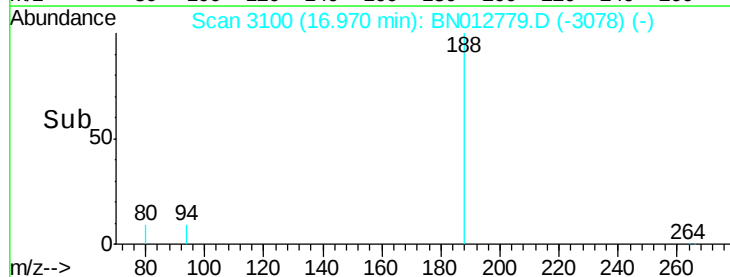
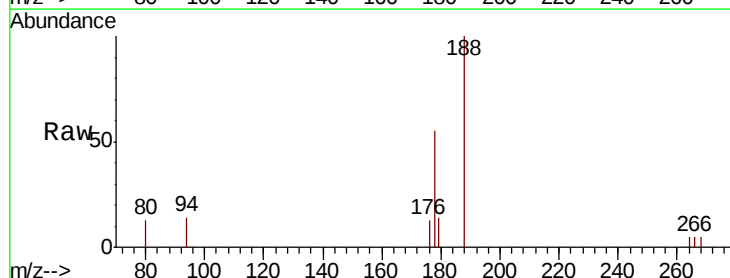
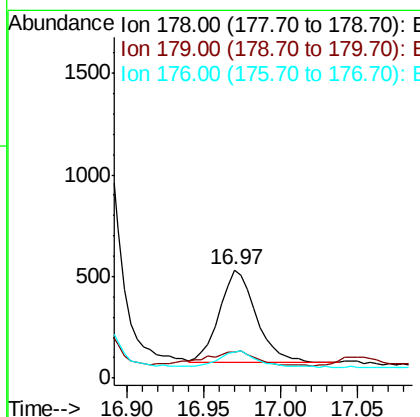
RT: 16.97 min Scan# 3100

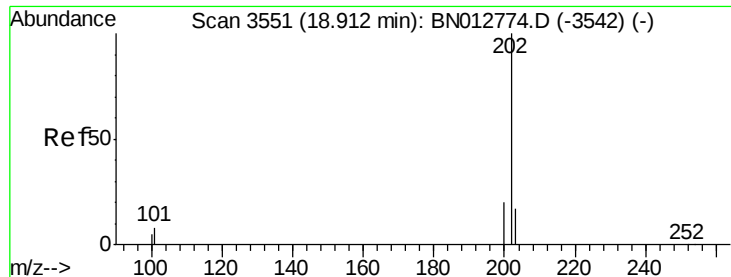
Delta R.T. -0.01 min

Lab File: BN012779.D

Acq: 01 Dec 2020 13:25

Tgt Ion:178	Resp:	763
Ion Ratio	Lower	Upper
178	100	
179	24.6	14.8 22.2#
176	24.4	16.3 24.5





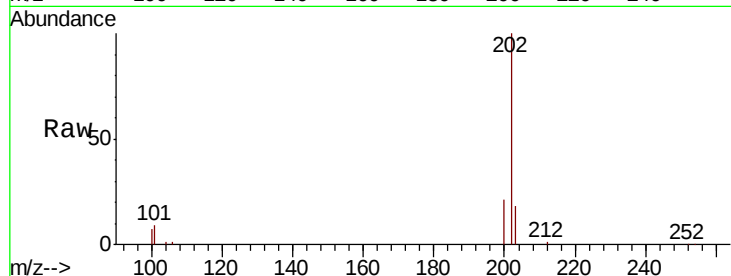
#15
Fluoranthene
 Concen: 0.957 ng/ul
 RT: 18.91 min Scan# 3550
 Delta R.T. -0.01 min
 Lab File: BN012779.D
 Acq: 01 Dec 2020 13:25

Instrument :
 BNA_N
 ClientSampleId :
 C0B16DL

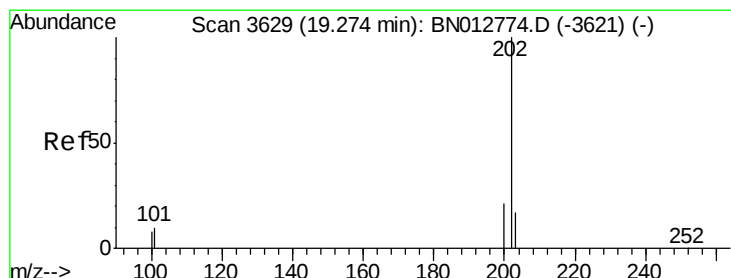
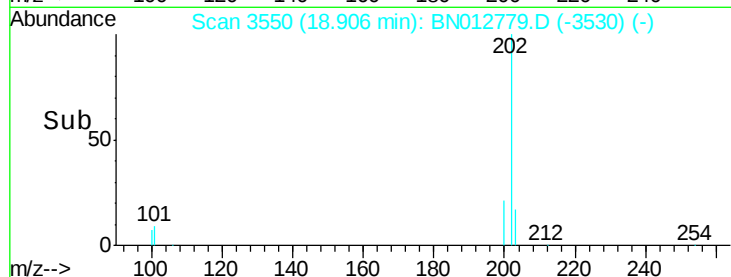
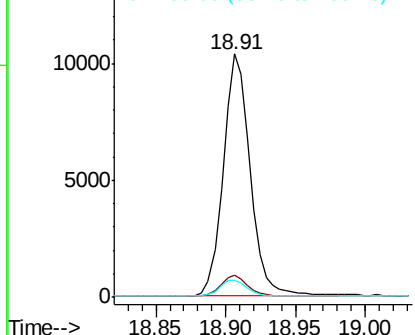
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	0.0	30.5
100	7.1	0.0	28.4

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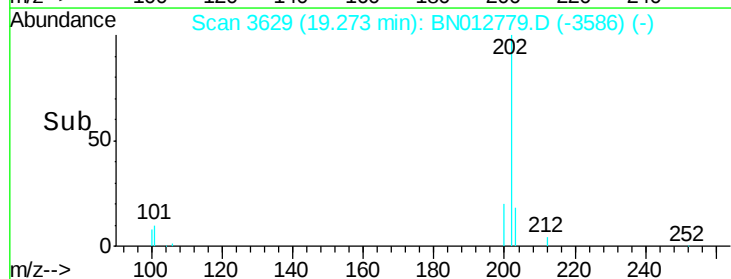
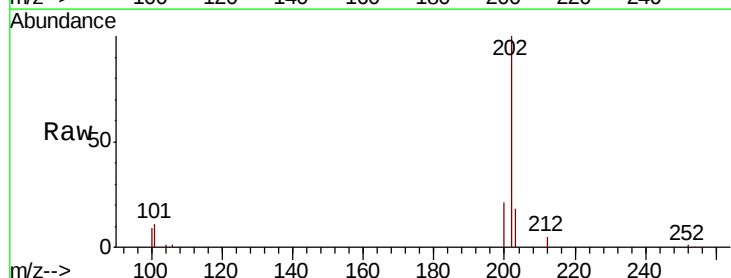
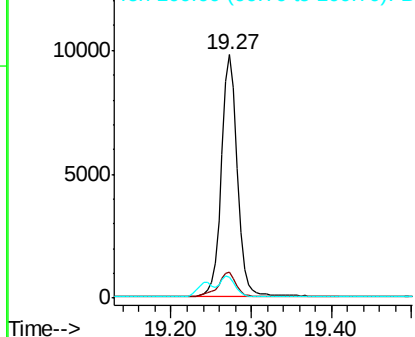
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

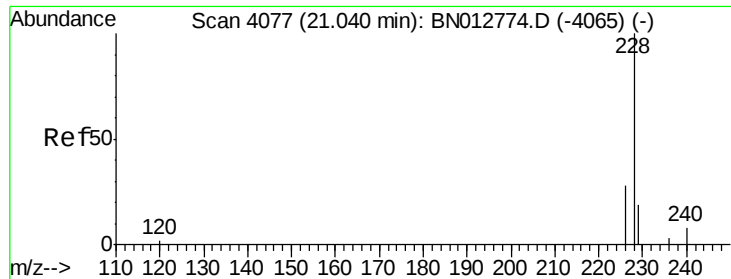


#17
Pyrene
 Concen: 0.950 ng/ul
 RT: 19.27 min Scan# 3629
 Delta R.T. -0.00 min
 Lab File: BN012779.D
 Acq: 01 Dec 2020 13:25

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	8.9	13.3
100	8.7	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





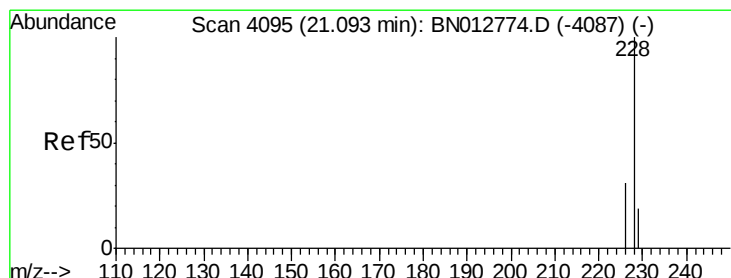
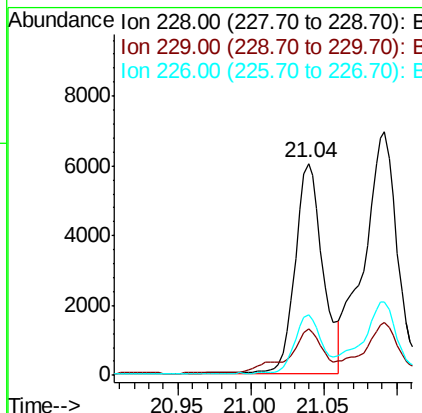
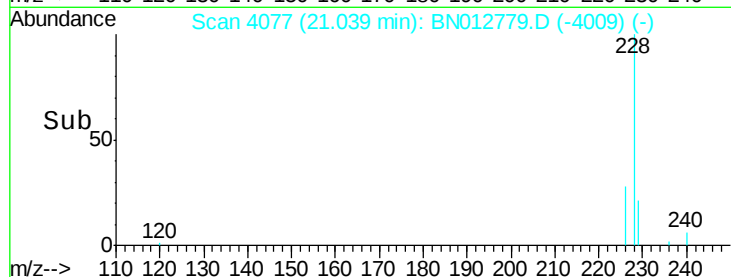
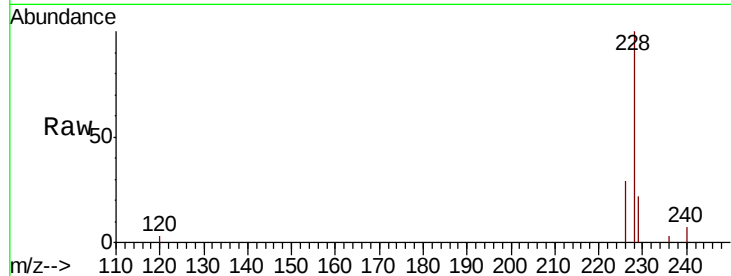
#18
Benzo(a)anthracene
Concen: 0.693 ng/ul
RT: 21.04 min Scan# 4077
Delta R.T. -0.00 min
Lab File: BN012779.D
Acq: 01 Dec 2020 13:25

Instrument :
BNA_N
ClientSampleId :
C0B16DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.9	25.3
226	28.8	23.1	34.7

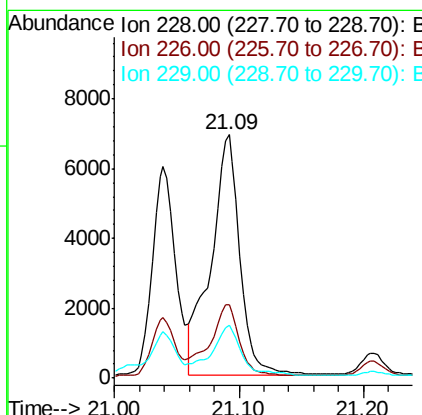
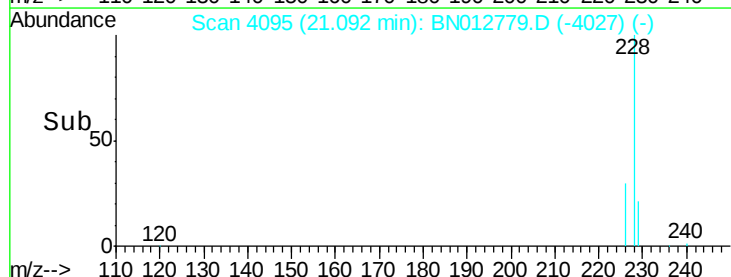
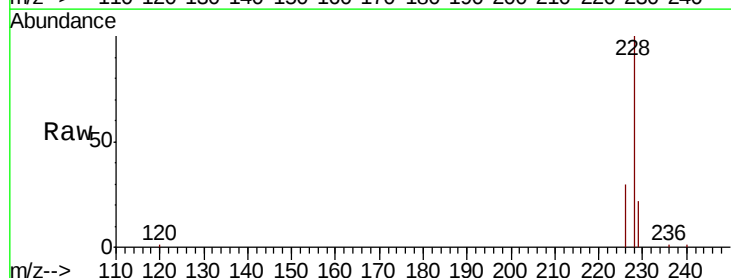
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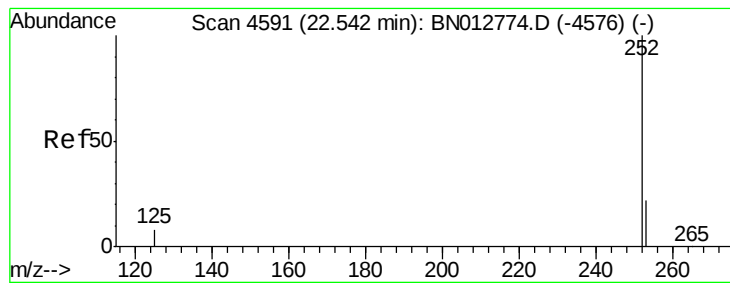
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#19
Chrysene
Concen: 0.786 ng/ul
RT: 21.09 min Scan# 4095
Delta R.T. -0.00 min
Lab File: BN012779.D
Acq: 01 Dec 2020 13:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	21.6	16.1	24.1





#21

Benzo(b)fluoranthene

Concen: 1.227 ng/ul m

RT: 22.54 min Scan# 4591

Delta R.T. -0.00 min

Lab File: BN012779.D

Acq: 01 Dec 2020 13:25

Instrument :

BNA_N

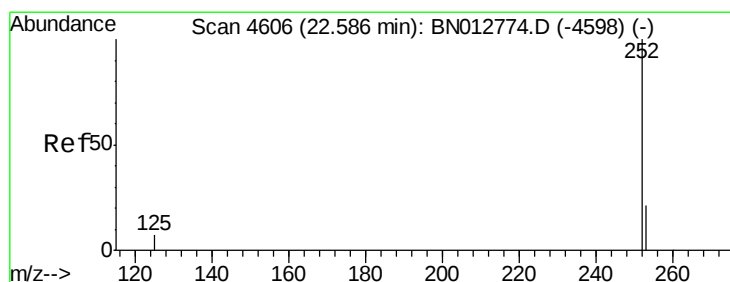
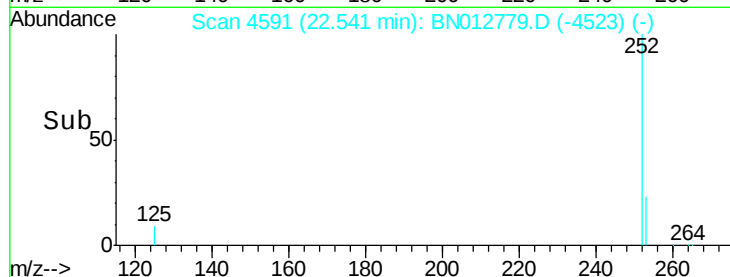
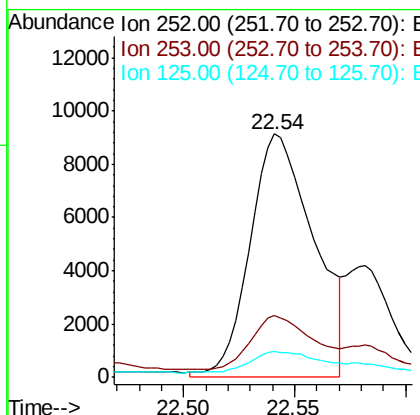
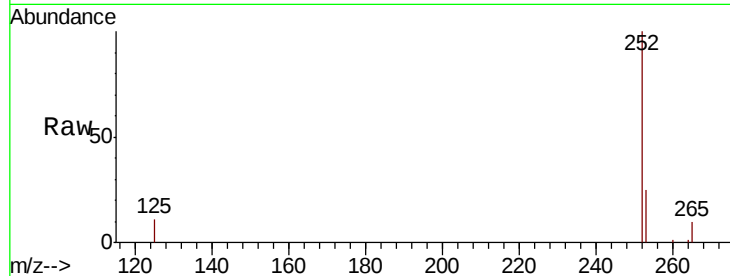
ClientSampleId :

C0B16DL

Tot Ion:	252	Resp:	18253
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	58.4
125	10.5	0.0	28.6

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#22

Benzo(k)fluoranthene

Concen: 0.370 ng/ul m

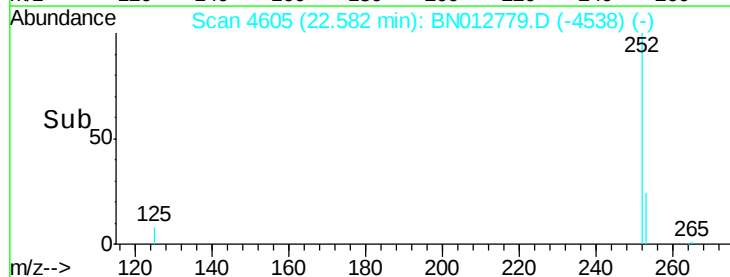
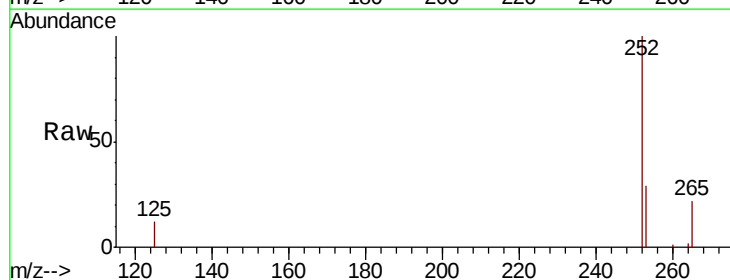
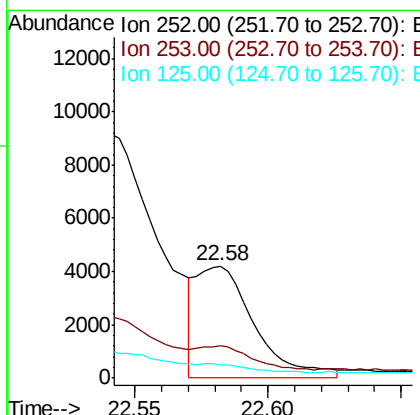
RT: 22.58 min Scan# 4605

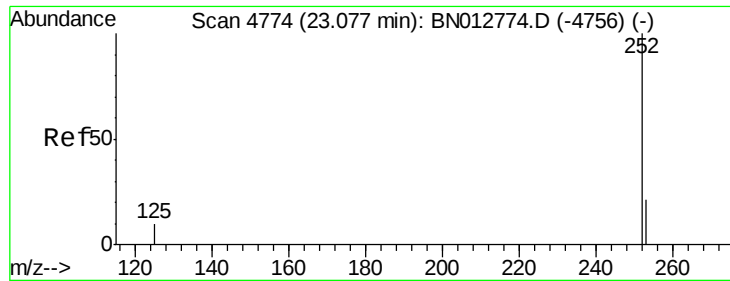
Delta R.T. -0.00 min

Lab File: BN012779.D

Acq: 01 Dec 2020 13:25

Tgt Ion:	252	Resp:	6344
Ion Ratio	Lower	Upper	
252	100		
253	29.1	23.4	35.2
125	12.1	10.2	15.2





#23

Benzo(a)pyrene

Concen: 0.667 ng/ul m

RT: 23.07 min Scan# 4772

Delta R.T. -0.01 min

Lab File: BN012779.D

Acq: 01 Dec 2020 13:25

Instrument :

BNA_N

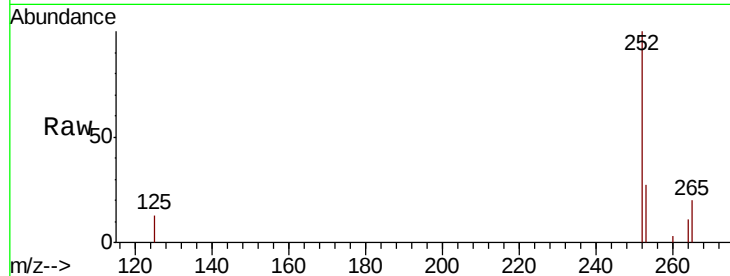
ClientSampleId :

C0B16DL

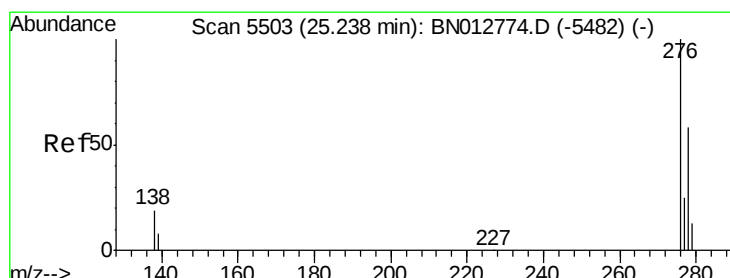
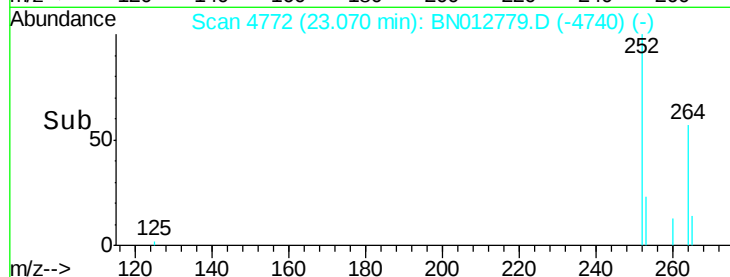
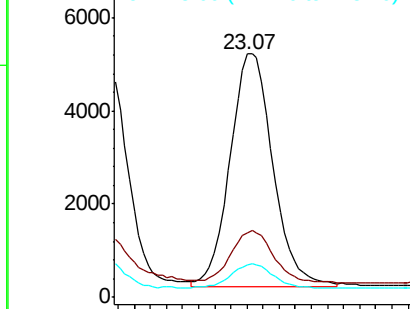
Tot Ion:	252	Resp:	9335
Ion Ratio	Lower	Upper	
252	100		
253	26.5	27.6	41.4#
125	13.4	17.0	25.4#

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.442 ng/ul

RT: 25.23 min Scan# 5502

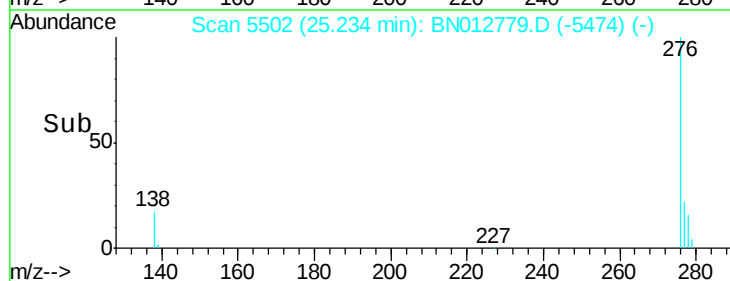
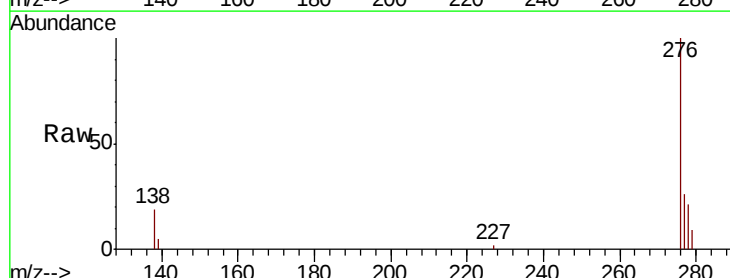
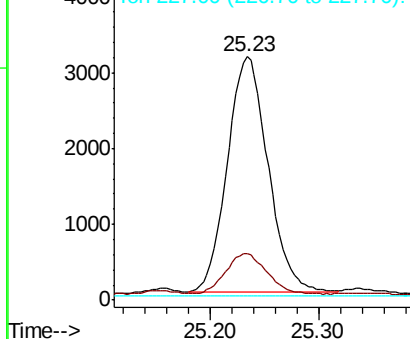
Delta R.T. -0.00 min

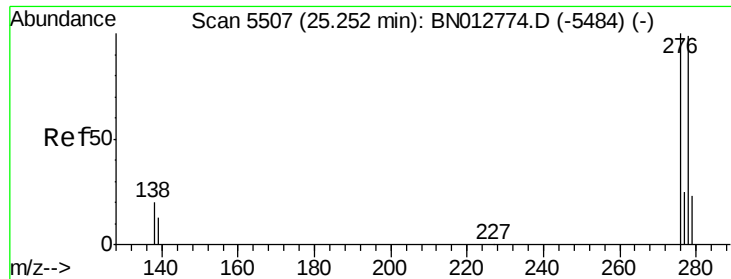
Lab File: BN012779.D

Acq: 01 Dec 2020 13:25

Tgt Ion:	276	Resp:	8103
Ion Ratio	Lower	Upper	
276	100		
138	17.3	16.5	24.7
227	0.1	0.1	0.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





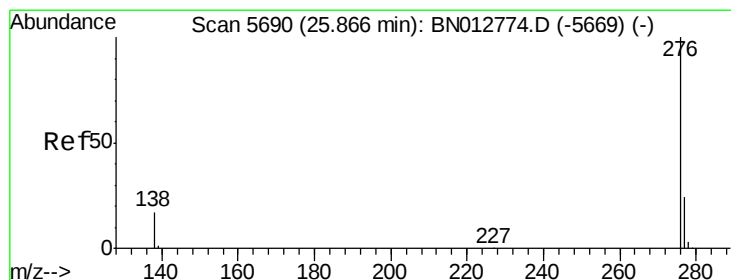
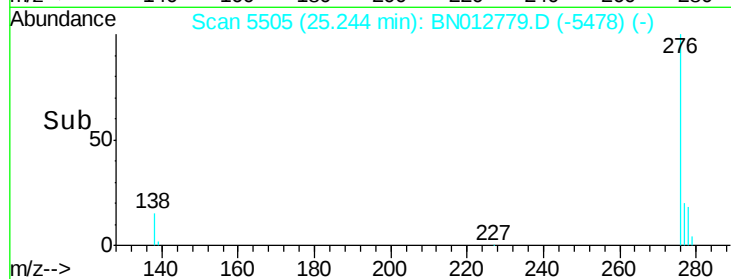
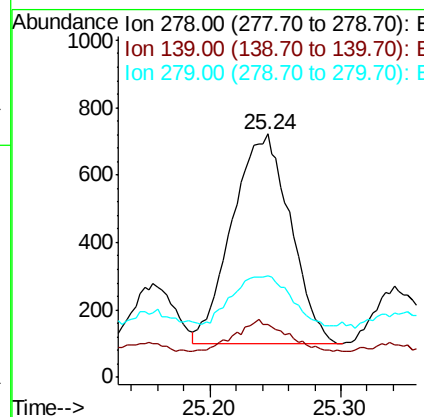
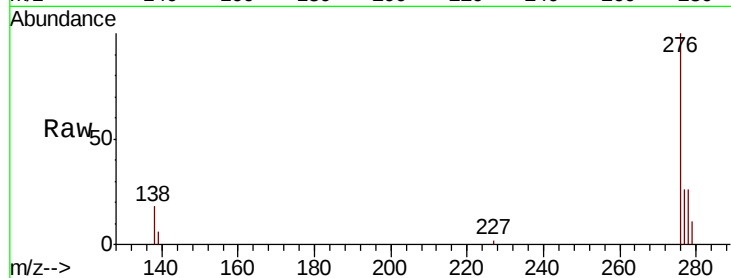
#25
Dibenzo(a,h)anthracene
Concen: 0.130 ng/u1
RT: 25.24 min Scan# 5505
Delta R.T. -0.01 min
Lab File: BN012779.D
Acq: 01 Dec 2020 13:25

Instrument :
BNA_N
ClientSampleId :
C0B16DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.6	13.8	20.8#
279	41.7	25.6	38.4#

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#26
Benzo(g,h,i)perylene
Concen: 0.454 ng/u1
RT: 25.86 min Scan# 5690
Delta R.T. -0.00 min
Lab File: BN012779.D
Acq: 01 Dec 2020 13:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.3	24.5
277	25.6	21.8	32.8

