

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012780.D
 Acq On : 01 Dec 2020 14:01
 Operator : CG/JU
 Sample : L4749-20DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B22DL

Manual Integrations
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Quant Time: Dec 01 14:41:14 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	702	0.40	ng/ul	0.00
2) Naphthalene-d8	10.19	136	2603	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	1611	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	3494	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	2980	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	2944	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	51	0.01	ng/ul	0.02
14) Fluoranthene-d10	18.87	212	104	0.01	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.14	153	219	0.033	ng/ul	95
9) Fluorene	15.14	166	266	0.037	ng/ul#	93
12) Phenanthrene	16.88	178	6180	0.508	ng/ul	98
13) Anthracene	16.97	178	1261	0.119	ng/ul#	91
15) Fluoranthene	18.91	202	11575	0.825	ng/ul	97
17) Pyrene	19.27	202	10919	0.819	ng/ul	98
18) Benzo(a)anthracene	21.04	228	5091	0.477	ng/ul	98
19) Chrysene	21.09	228	5447	0.408	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	6664m	0.492	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	2902m	0.186	ng/ul	
23) Benzo(a)pyrene	23.07	252	4786	0.375	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.24	276	3314	0.199	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.24	278	812	0.061	ng/ul#	54
26) Benzo(g,h,i)perylene	25.86	276	3095	0.206	ng/ul	97

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

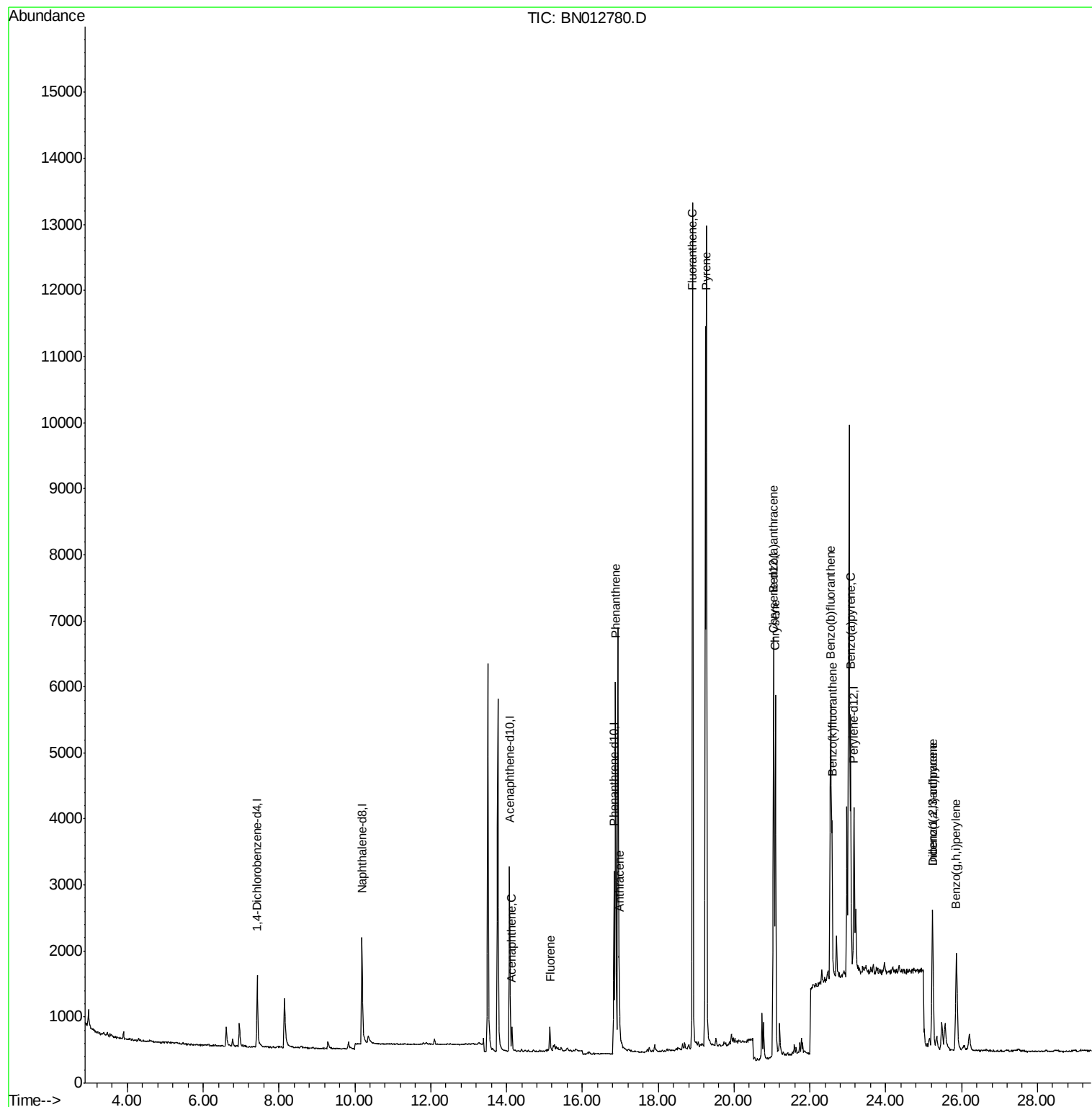
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012780.D
Acq On : 01 Dec 2020 14:01
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Sample : L4749-20DL 10X
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ALS Vial : 8 Sample Multiplier: 1

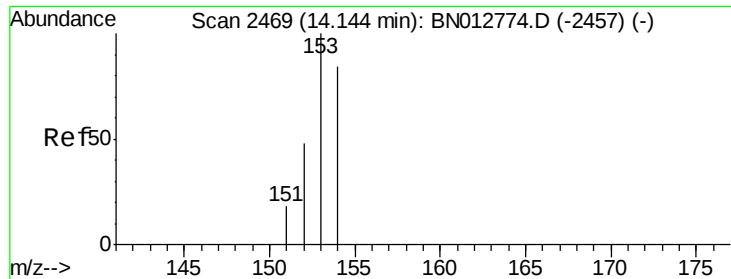
Instrument :
BNA_N
ClientSampleId :
C0B22DL

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Quant Time: Dec 01 14:41:14 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





#8

Acenaphthene

Concen: 0.033 ng/ul

RT: 14.14 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BN012780.D

Acq: 01 Dec 2020 14:01

Instrument :

BNA_N

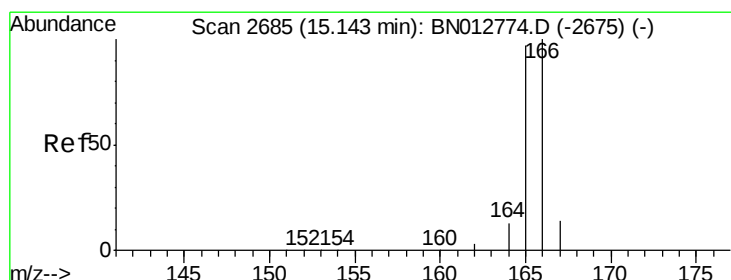
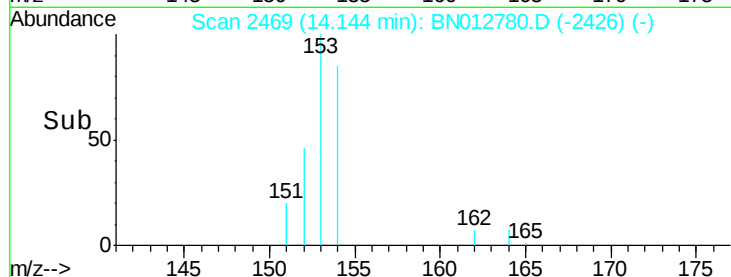
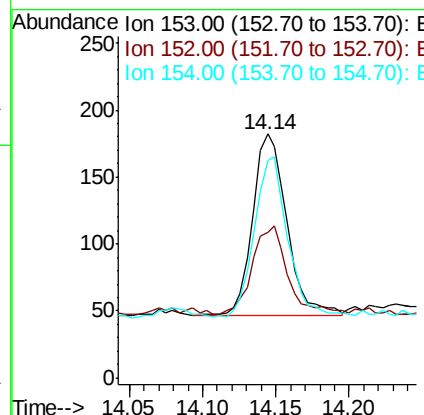
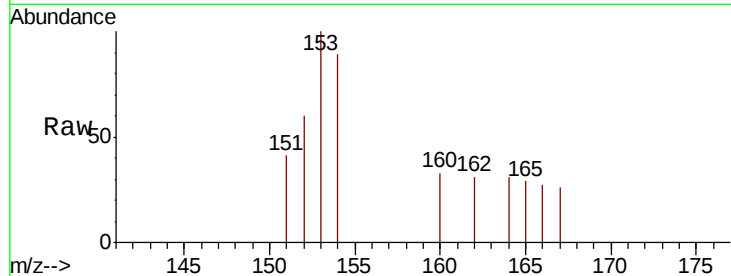
ClientSampled :

C0B22DL

Tot Ion:	153	Resp:	219
Ion	Ratio	Lower	Upper
153	100		
152	59.9	41.4	62.0
154	89.0	70.9	106.3

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#9

Fluorene

Concen: 0.037 ng/ul

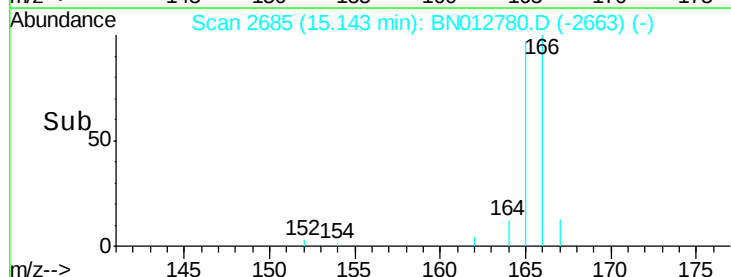
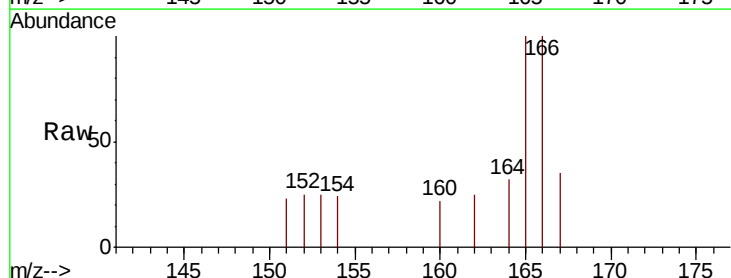
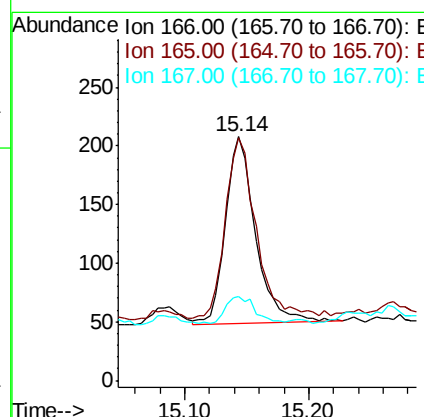
RT: 15.14 min Scan# 2685

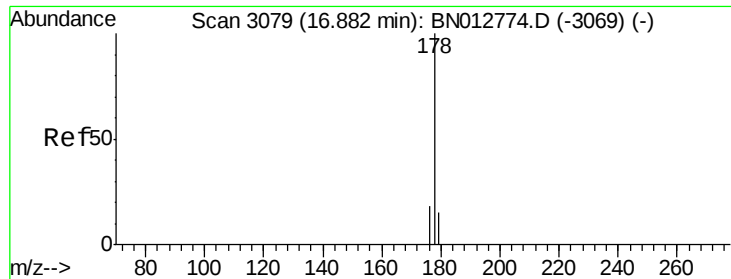
Delta R.T. 0.00 min

Lab File: BN012780.D

Acq: 01 Dec 2020 14:01

Tgt Ion:	166	Resp:	266
Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.5	117.7
167	34.6	12.7	19.1#





#12

Phenanthrene

Concen: 0.508 ng/ul

RT: 16.88 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BN012780.D

Acq: 01 Dec 2020 14:01

Instrument :

BNA_N

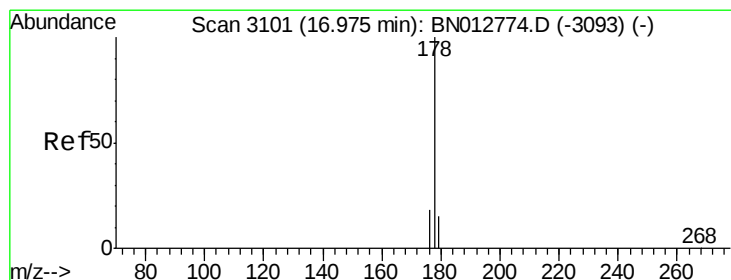
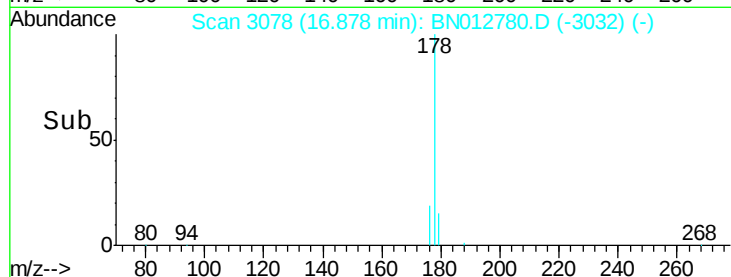
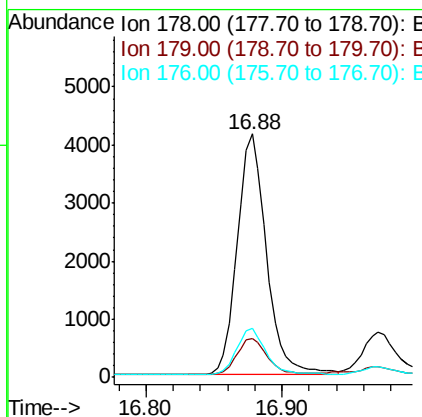
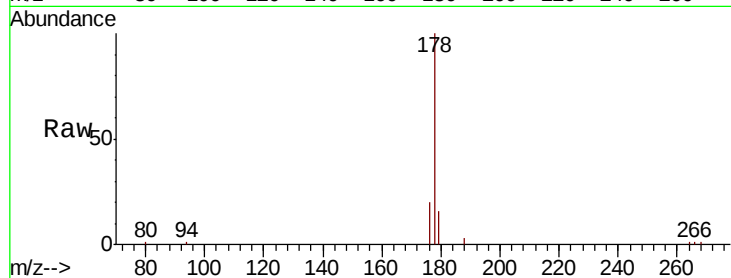
ClientSampleId :

C0B22DL

Tot Ion:	178	Resp:	6180
Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.8	20.6
176	19.9	16.7	25.1

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#13

Anthracene

Concen: 0.119 ng/ul

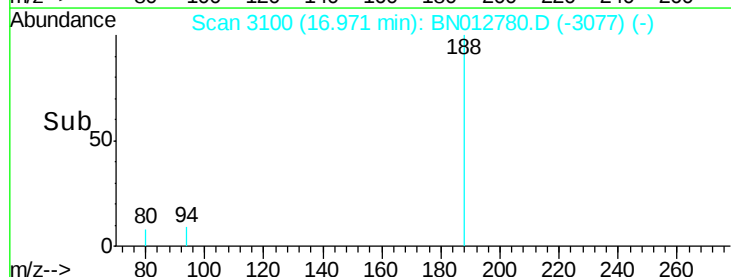
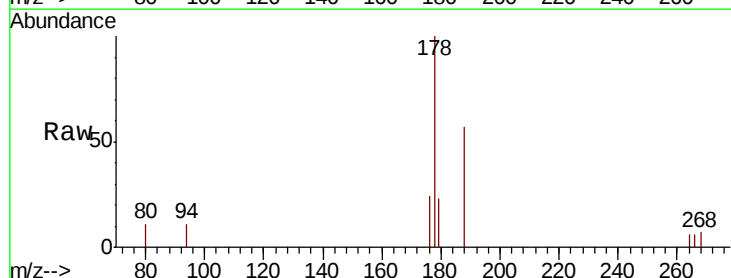
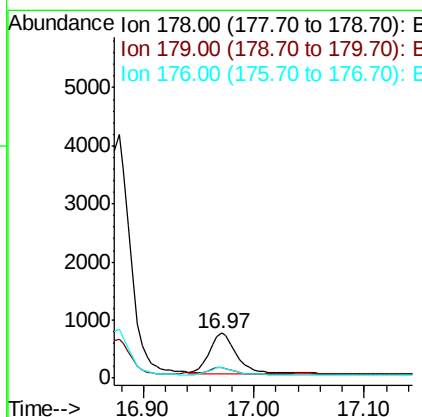
RT: 16.97 min Scan# 3100

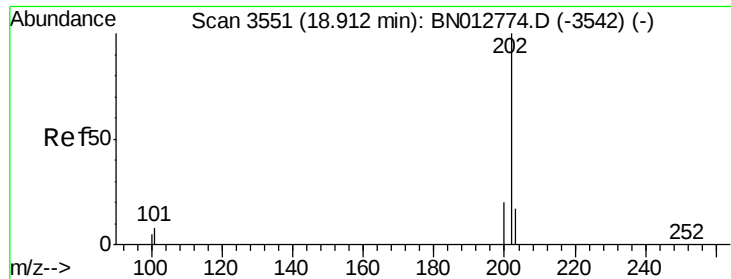
Delta R.T. -0.00 min

Lab File: BN012780.D

Acq: 01 Dec 2020 14:01

Tgt Ion:	178	Resp:	1261
Ion	Ratio	Lower	Upper
178	100		
179	23.3	14.8	22.2#
176	23.9	16.3	24.5





#15

Fluoranthene

Concen: 0.825 ng/ul

RT: 18.91 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BN012780.D

Acq: 01 Dec 2020 14:01

Instrument :

BNA_N

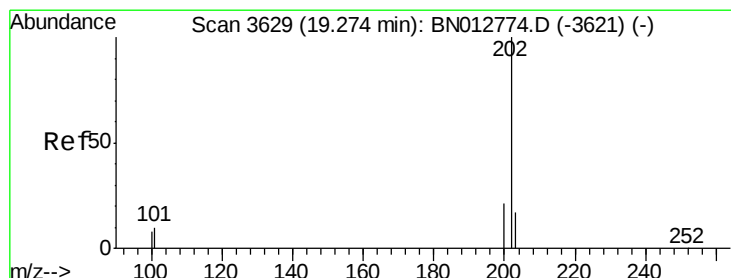
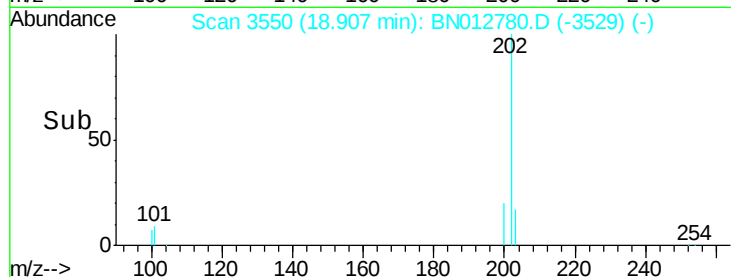
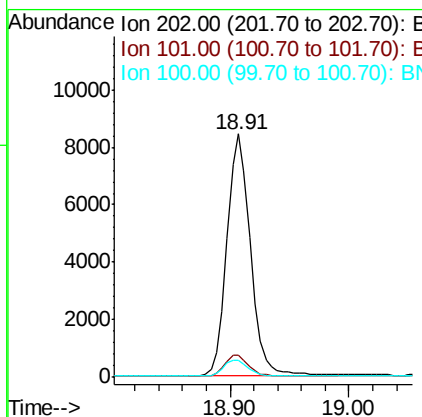
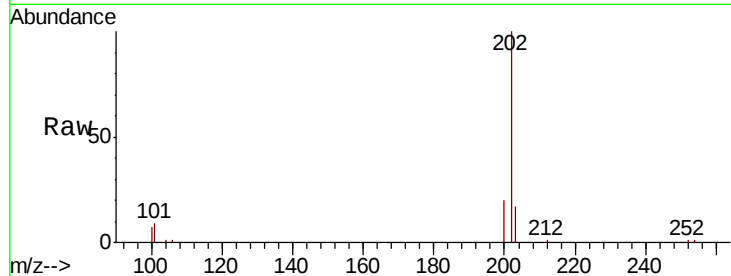
ClientSampleId :

C0B22DL

Tot Ion:	202	Resp:	11575
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.5
100	7.2	0.0	28.4

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#17

Pyrene

Concen: 0.819 ng/ul

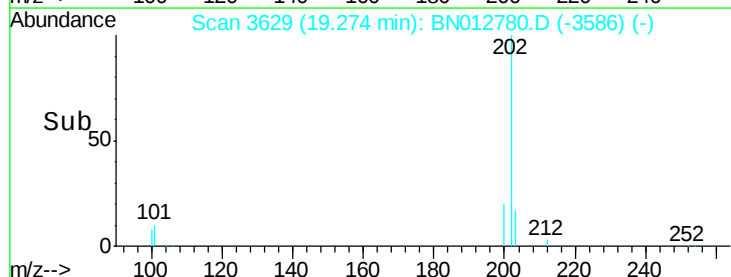
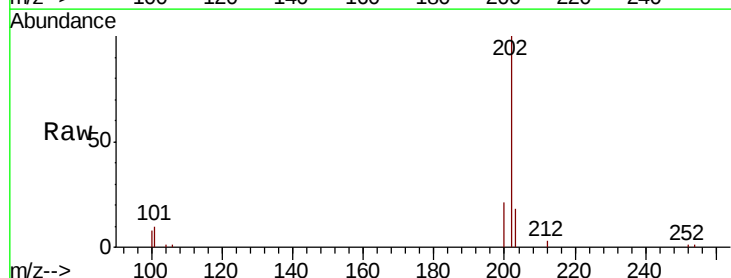
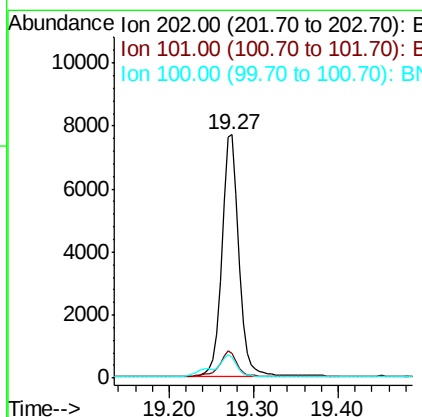
RT: 19.27 min Scan# 3629

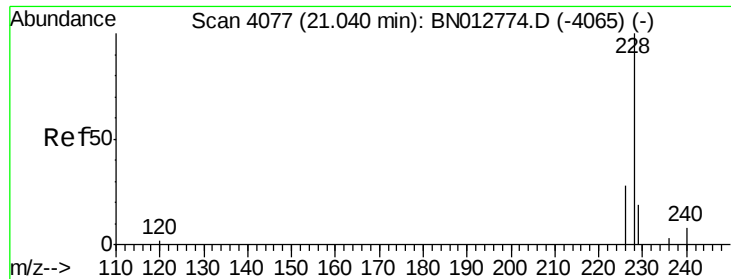
Delta R.T. 0.00 min

Lab File: BN012780.D

Acq: 01 Dec 2020 14:01

Tgt Ion:	202	Resp:	10919
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.9	13.3
100	8.4	7.4	11.2





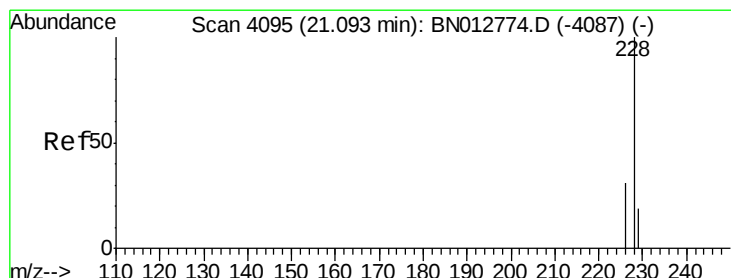
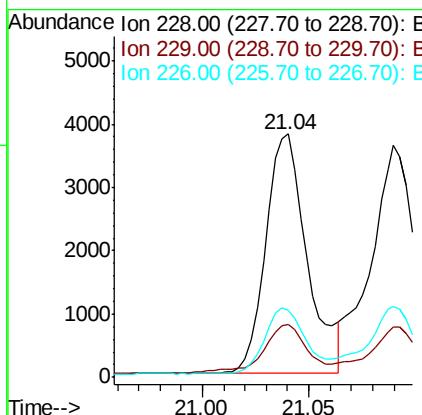
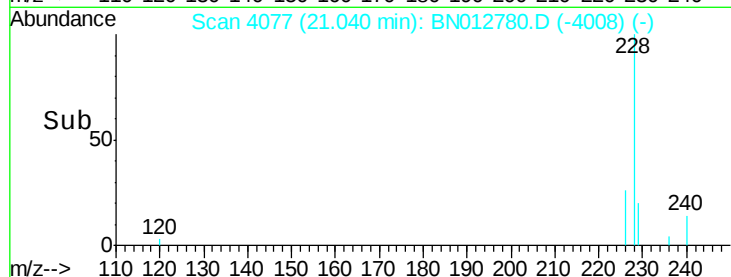
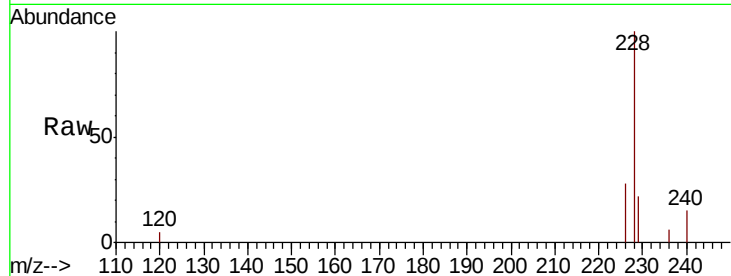
#18
Benzo(a)anthracene
Concen: 0.477 ng/ul
RT: 21.04 min Scan# 4077
Delta R.T. 0.00 min
Lab File: BN012780.D
Acq: 01 Dec 2020 14:01

Instrument :
BNA_N
ClientSampleId :
C0B22DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.9	25.3
226	27.7	23.1	34.7

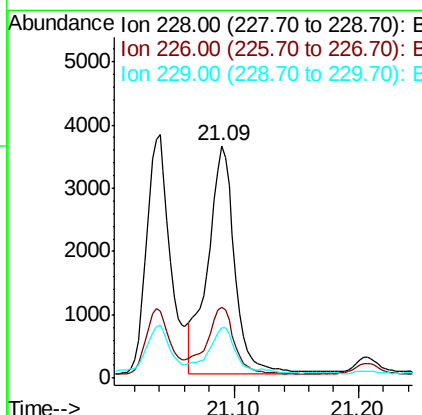
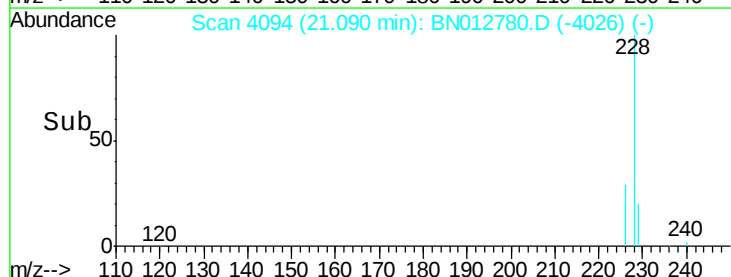
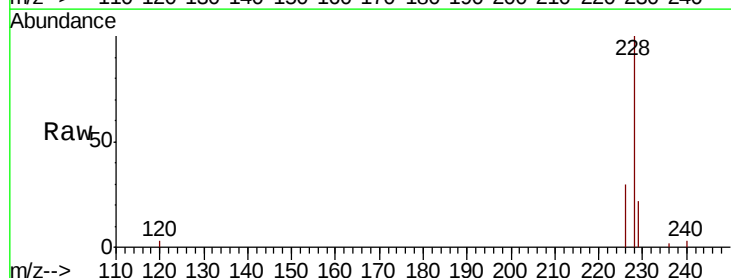
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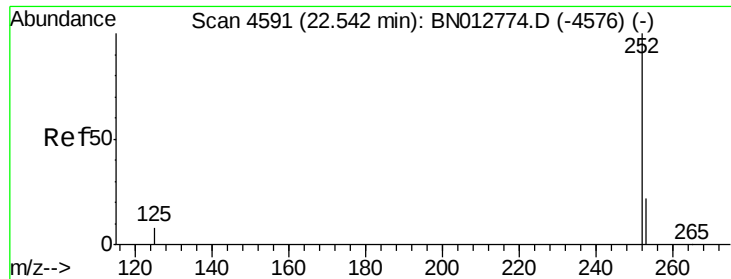
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#19
Chrysene
Concen: 0.408 ng/ul
RT: 21.09 min Scan# 4094
Delta R.T. -0.00 min
Lab File: BN012780.D
Acq: 01 Dec 2020 14:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	21.6	16.1	24.1





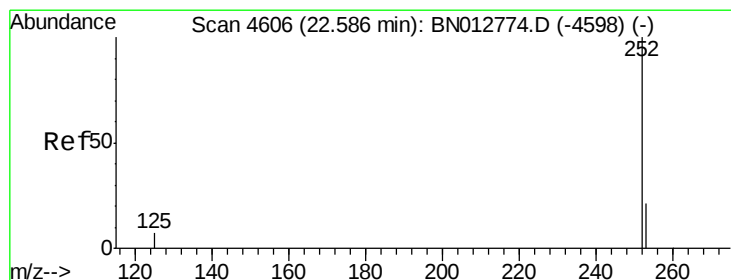
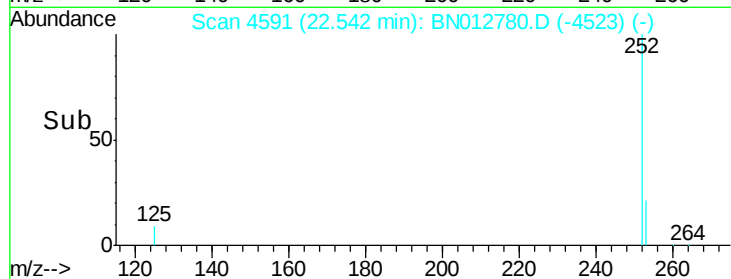
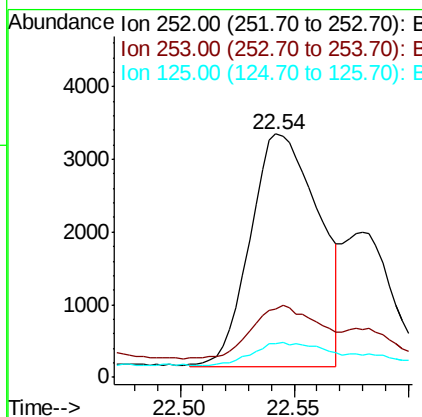
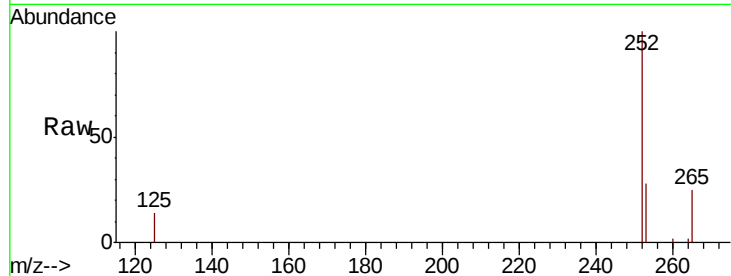
#21
Benzo(b)fluoranthene
Concen: 0.492 ng/ul m
RT: 22.54 min Scan# 4591
Delta R.T. 0.00 min
Lab File: BN012780.D
Acq: 01 Dec 2020 14:01

Instrument :
BNA_N
ClientSampleId :
C0B22DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	0.0	58.4
125	13.8	0.0	28.6

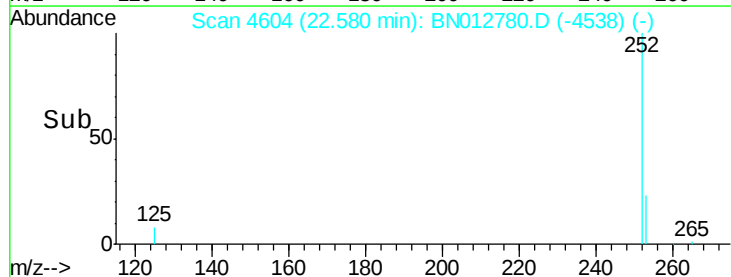
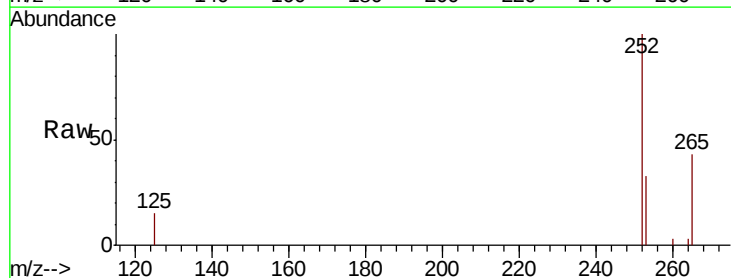
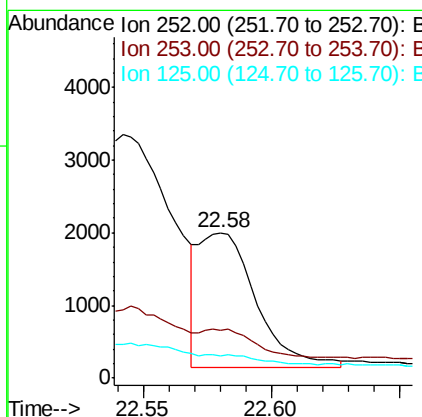
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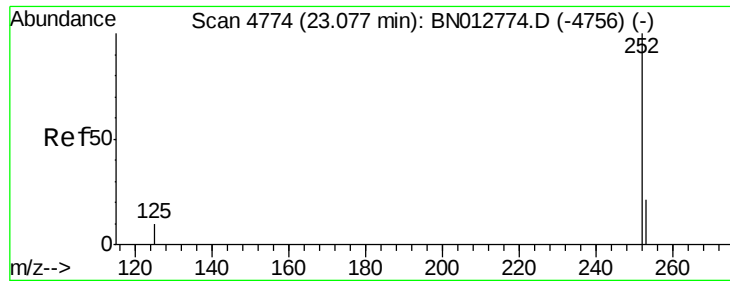
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#22
Benzo(k)fluoranthene
Concen: 0.186 ng/ul m
RT: 22.58 min Scan# 4604
Delta R.T. -0.01 min
Lab File: BN012780.D
Acq: 01 Dec 2020 14:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.3	23.4	35.2
125	15.4	10.2	15.2#





#23

Benzo(a)pyrene

Concen: 0.375 ng/u1

RT: 23.07 min Scan# 4772

Delta R.T. -0.01 min

Lab File: BN012780.D

Acq: 01 Dec 2020 14:01

Instrument :

BNA_N

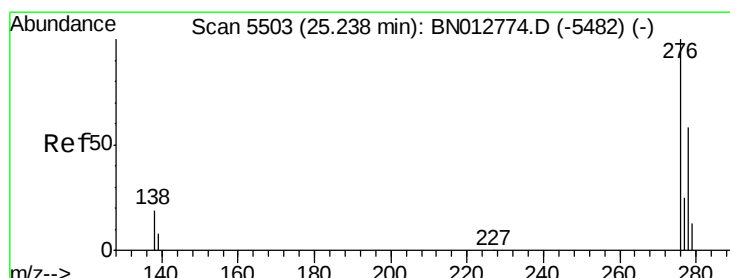
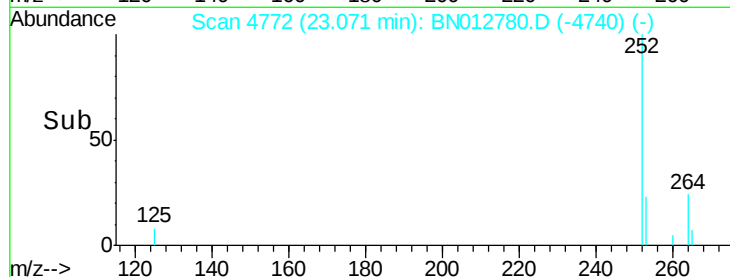
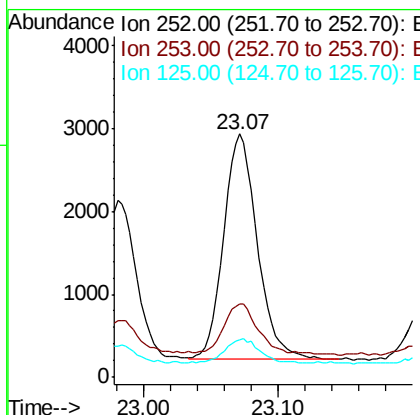
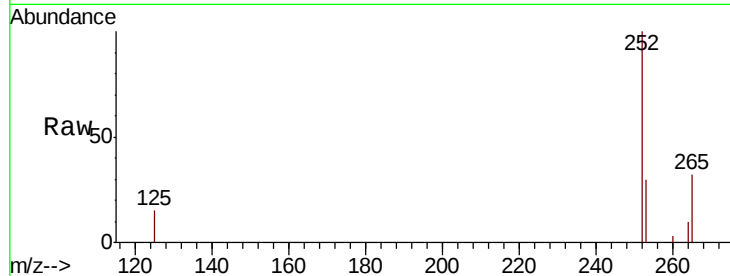
ClientSampleId :

C0B22DL

Tot Ion:	252	Resp:	4786
Ion Ratio	Lower	Upper	
252	100		
253	29.9	27.6	41.4
125	15.2	17.0	25.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.199 ng/u1

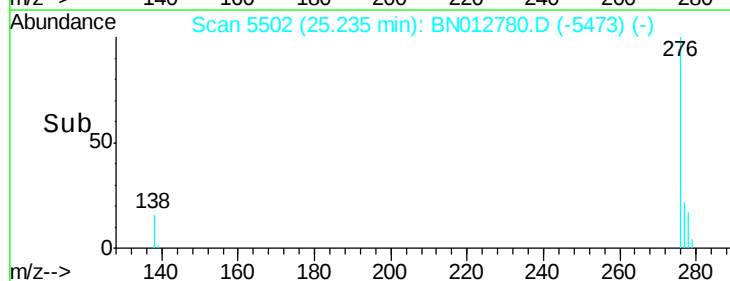
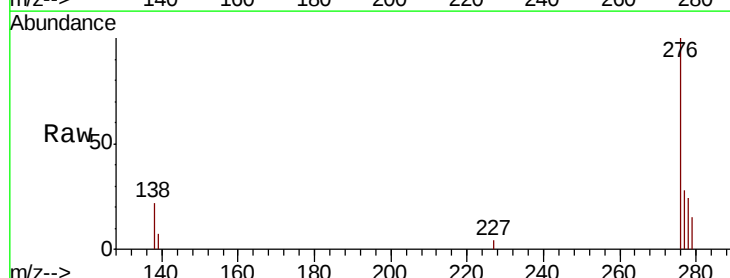
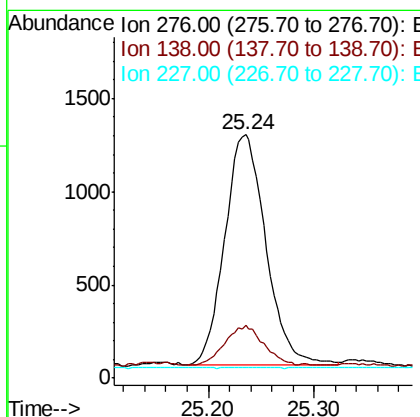
RT: 25.24 min Scan# 5502

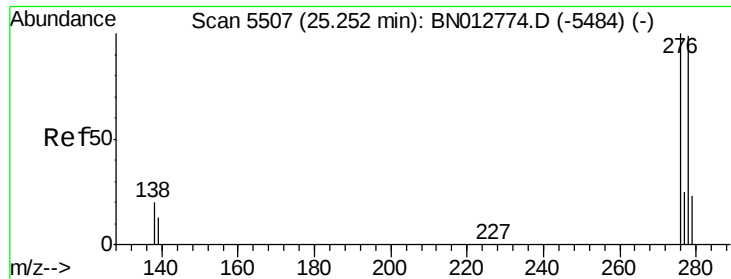
Delta R.T. -0.00 min

Lab File: BN012780.D

Acq: 01 Dec 2020 14:01

Tgt Ion:	276	Resp:	3314
Ion Ratio	Lower	Upper	
276	100		
138	16.5	16.5	24.7
227	0.2	0.1	0.1#





#25

Dibenzo(a,h)anthracene

Concen: 0.061 ng/u1

RT: 25.24 min Scan# 5503

Delta R.T. -0.01 min

Lab File: BN012780.D

Acq: 01 Dec 2020 14:01

Instrument :

BNA_N

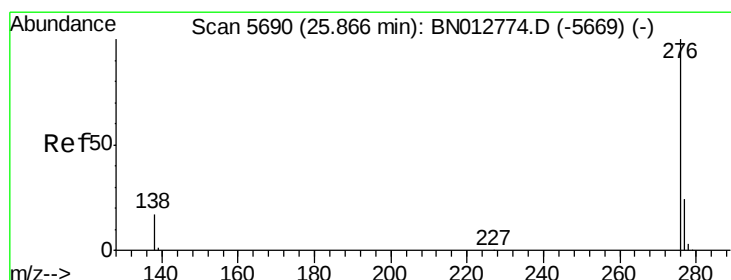
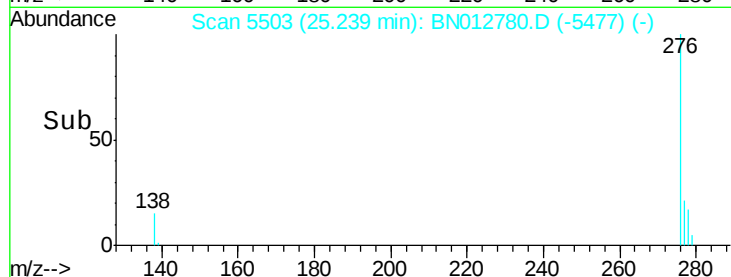
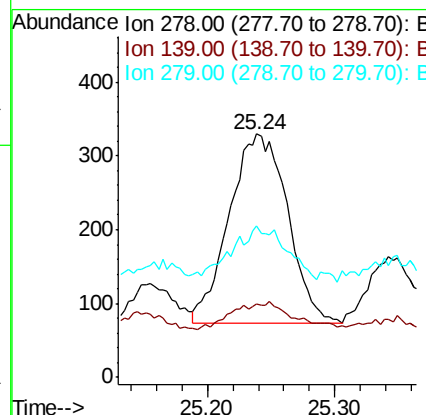
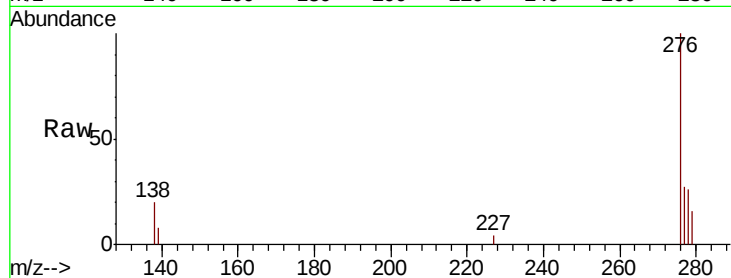
ClientSampleId :

C0B22DL

Tot Ion:	278	Resp:	812
Ion Ratio	Lower	Upper	
278	100		
139	30.3	13.8	20.8#
279	62.4	25.6	38.4#

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#26

Benzo(g,h,i)perylene

Concen: 0.206 ng/u1

RT: 25.86 min Scan# 5689

Delta R.T. -0.00 min

Lab File: BN012780.D

Acq: 01 Dec 2020 14:01

Tgt Ion:	276	Resp:	3095
Ion Ratio	Lower	Upper	
276	100		
138	21.9	16.3	24.5
277	28.6	21.8	32.8

