

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012792.D
 Acq On : 01 Dec 2020 21:16
 Operator : CG/JU
 Sample : L4793-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BG5

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Quant Time: Dec 02 01:27:14 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 : Wed Dec 02 00:53:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	897	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3713	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2216	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	4732m	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4176	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4582	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	1030	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2429	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.24	128	252	0.023	ng/ul#	55
5) 2-Methylnaphthalene	11.87	142	145	0.020	ng/ul	96
12) Phenanthrene	16.87	178	2887	0.175	ng/ul	99
13) Anthracene	16.97	178	449	0.031	ng/ul#	77
15) Fluoranthene	18.91	202	9699	0.510	ng/ul	98
17) Pyrene	19.27	202	9251	0.495	ng/ul	99
18) Benzo(a)anthracene	21.04	228	4356	0.291	ng/ul	99
19) Chrysene	21.09	228	5949	0.318	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	8643m	0.410	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	3510m	0.144	ng/ul	
23) Benzo(a)pyrene	23.07	252	5659	0.285	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.23	276	4446	0.171	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.25	278	1000	0.048	ng/ul#	53
26) Benzo(g,h,i)perylene	25.87	276	4194	0.180	ng/ul	97

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

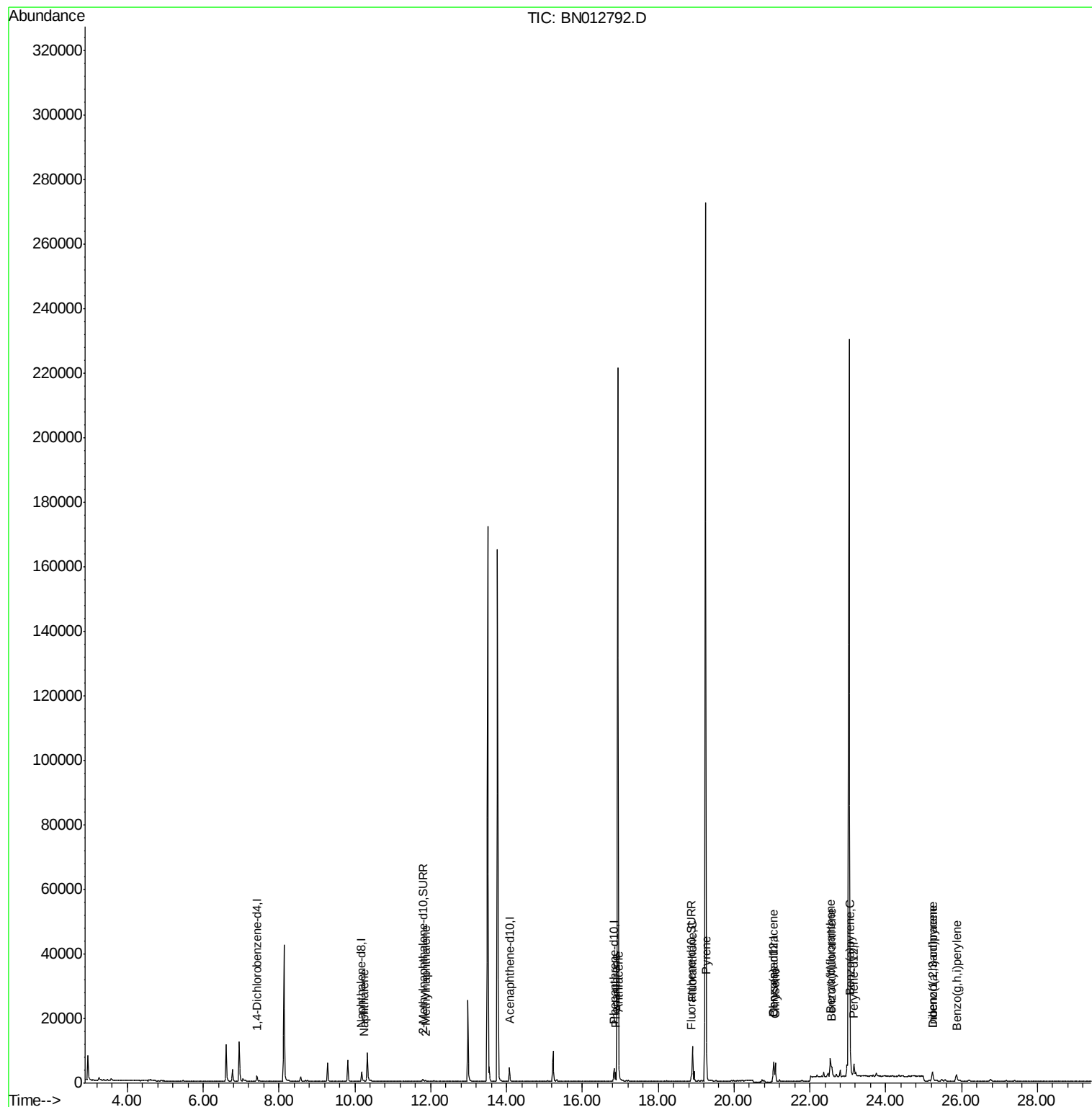
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012792.D
Acq On : 01 Dec 2020 21:16
Operator : CG/JU
Sample : L4793-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

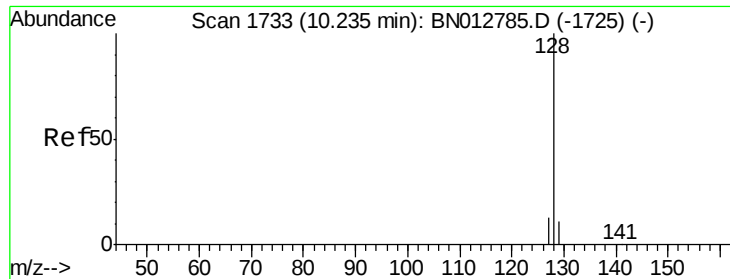
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Dec 02 01:27:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 00:53:21 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.24 min Scan# 1733

Delta R.T. 0.00 min

Lab File: BN012792.D

Acq: 01 Dec 2020 21:16

Instrument :

BNA_N

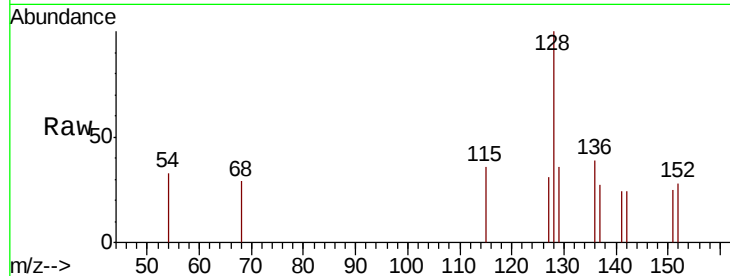
ClientSampleId :

C0BG5

Tot Ion:	128	Resp:	252
Ion Ratio	Lower	Upper	
128	100		
129	36.2	11.2	16.8#
127	31.2	12.5	18.7#

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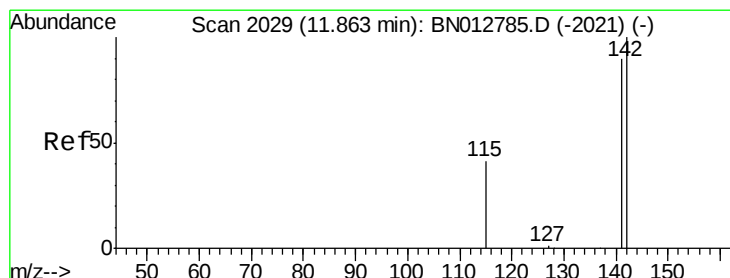
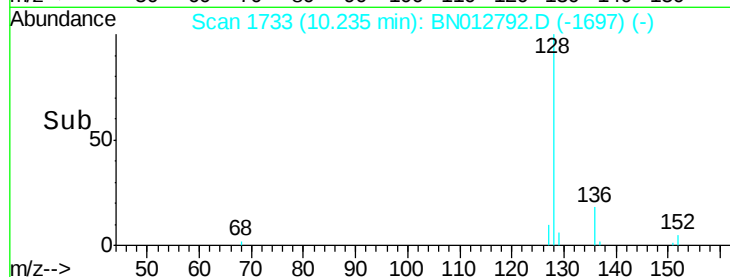
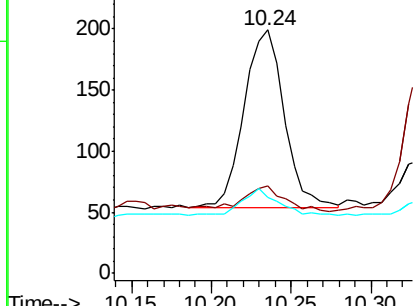
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 11.87 min Scan# 2030

Delta R.T. 0.00 min

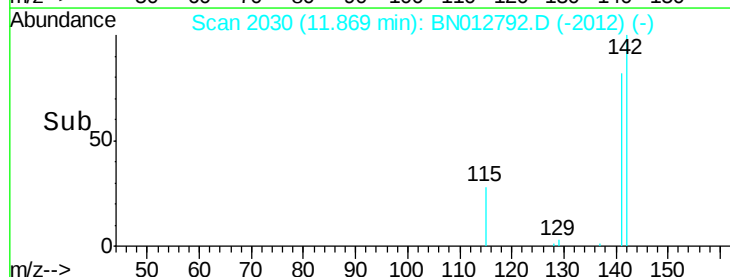
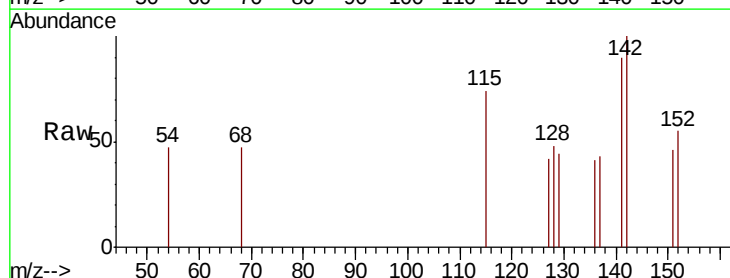
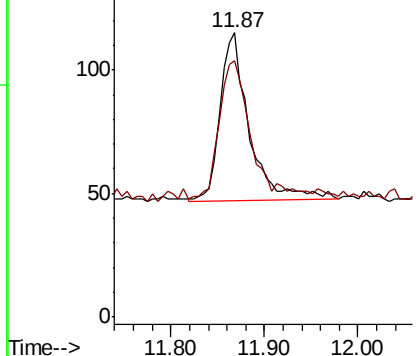
Lab File: BN012792.D

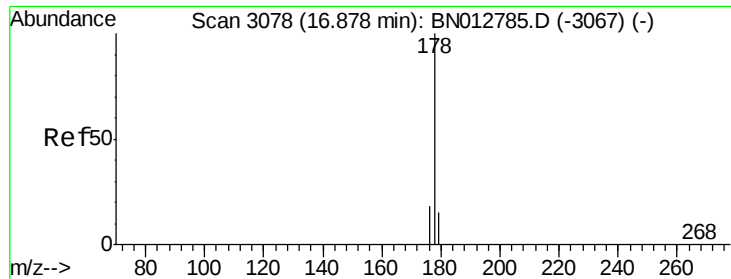
Acq: 01 Dec 2020 21:16

Tgt Ion:	142	Resp:	145
Ion Ratio	Lower	Upper	
142	100		
141	86.2	72.3	108.5

Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.175 ng/ul

RT: 16.87 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BN012792.D

Acq: 01 Dec 2020 21:16

Instrument :

BNA_N

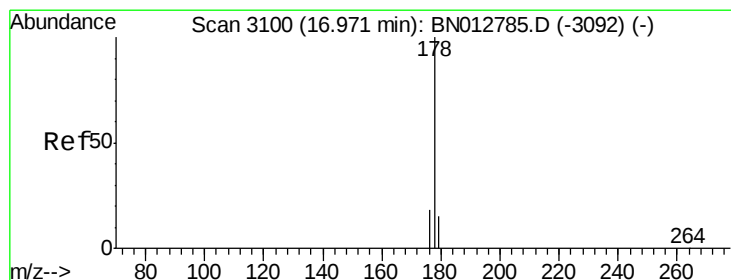
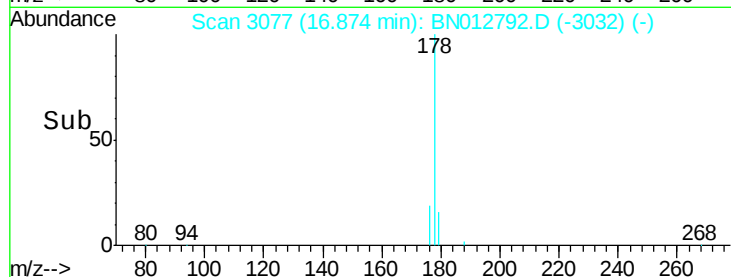
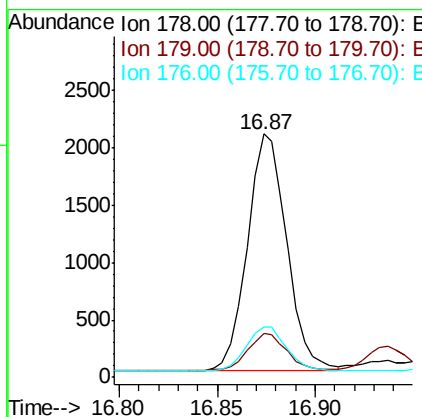
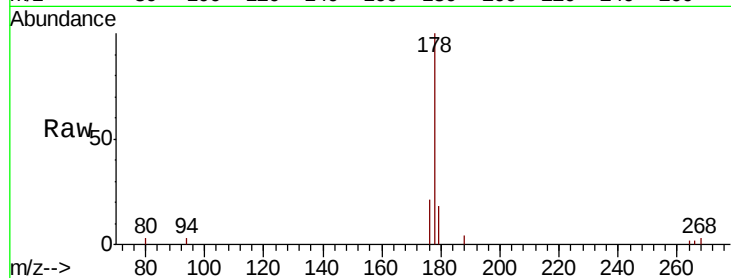
ClientSampleId :

C0BG5

Tot Ion:178	Resp:	2887
Ion Ratio	Lower	Upper
178 100		
179 18.1	13.8	20.6
176 20.8	16.7	25.1

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#13

Anthracene

Concen: 0.031 ng/ul

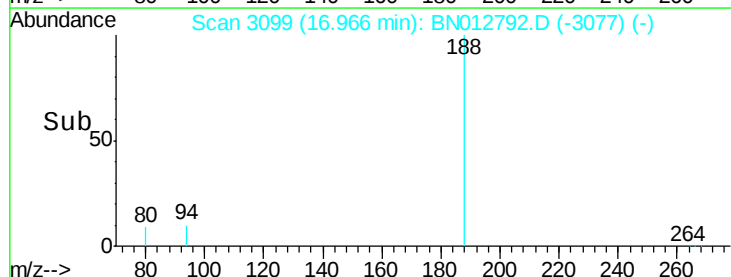
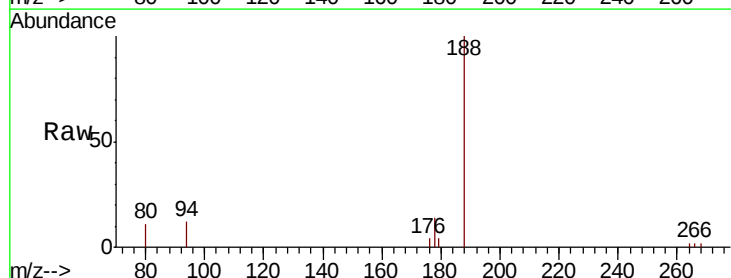
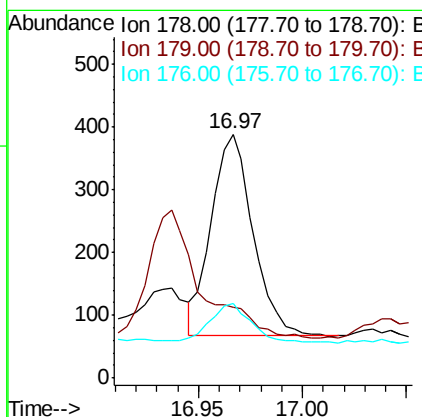
RT: 16.97 min Scan# 3099

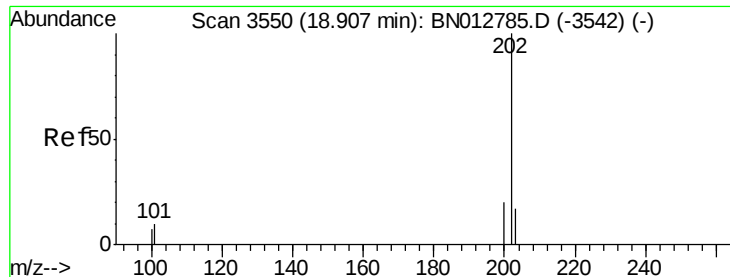
Delta R.T. -0.01 min

Lab File: BN012792.D

Acq: 01 Dec 2020 21:16

Tgt Ion:178	Resp:	449
Ion Ratio	Lower	Upper
178 100		
179 29.1	14.8	22.2#
176 30.4	16.3	24.5#





#15

Fluoranthene

Concen: 0.510 ng/ul

RT: 18.91 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BN012792.D

Acq: 01 Dec 2020 21:16

Instrument :

BNA_N

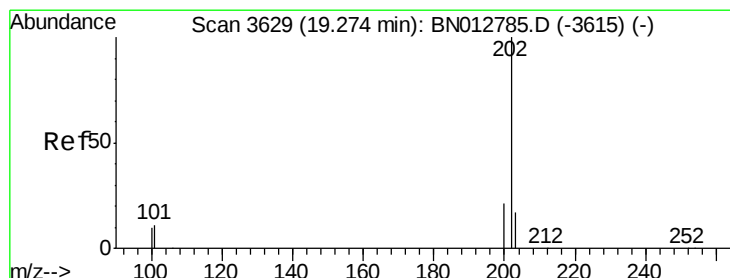
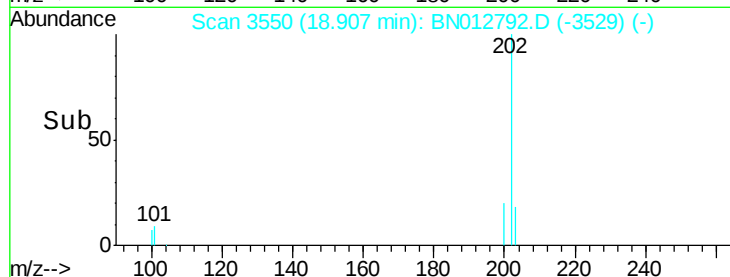
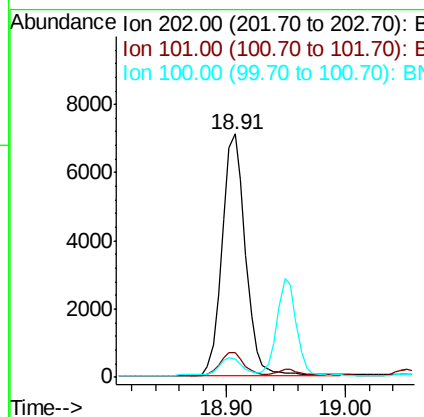
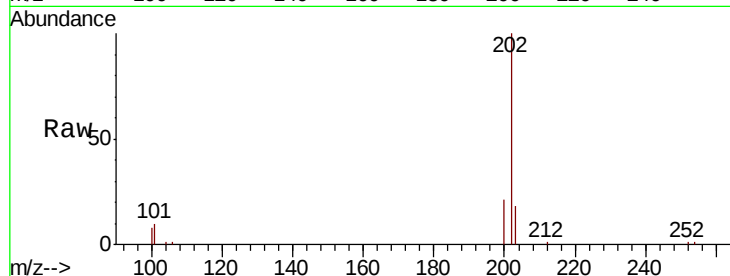
ClientSampleId :

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Tot Ion:	202	Resp:	9699
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.5
100	7.7	0.0	28.4

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#17

Pyrene

Concen: 0.495 ng/ul

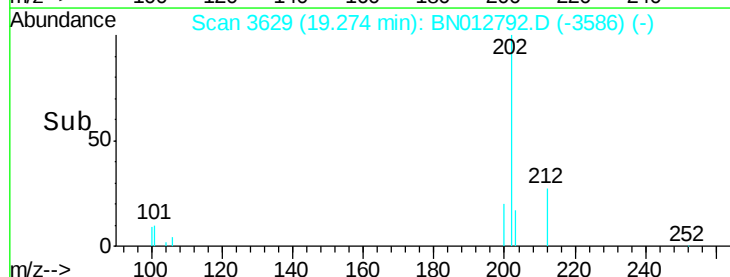
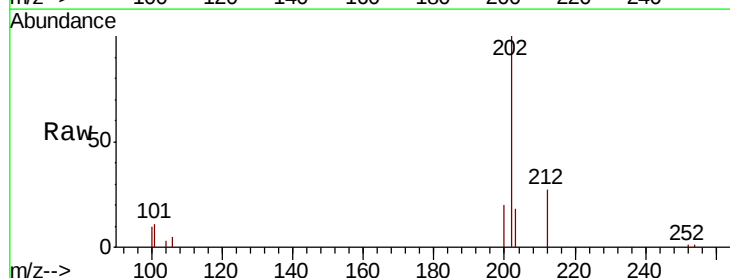
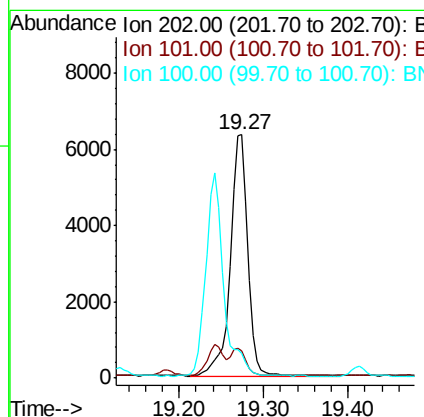
RT: 19.27 min Scan# 3629

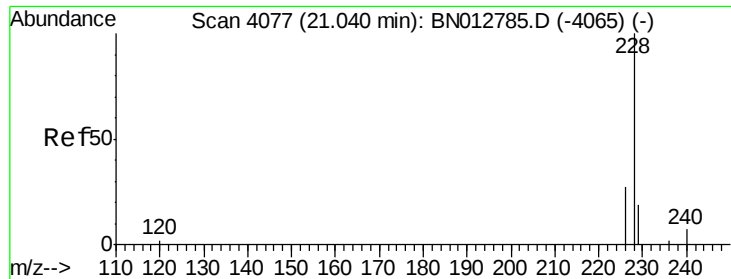
Delta R.T. 0.00 min

Lab File: BN012792.D

Acq: 01 Dec 2020 21:16

Tgt Ion:	202	Resp:	9251
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.9	13.3
100	10.1	7.4	11.2





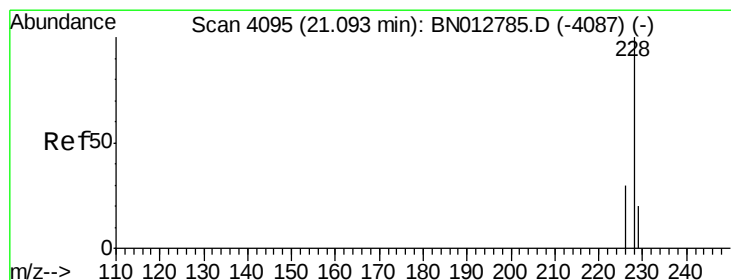
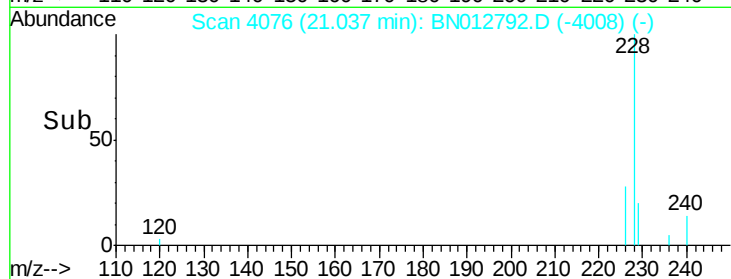
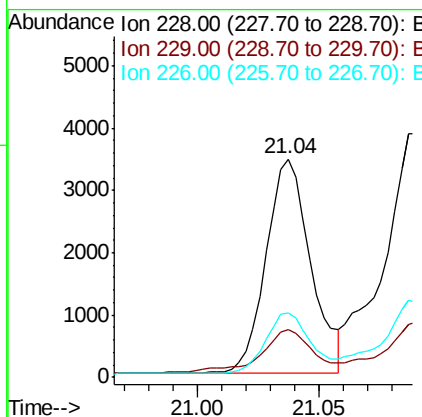
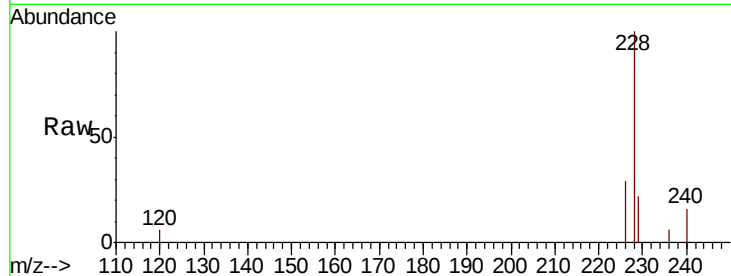
#18
Benzo(a)anthracene
Concen: 0.291 ng/ul
RT: 21.04 min Scan# 4076
Delta R.T. -0.00 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.9	25.3
226	29.4	23.1	34.7

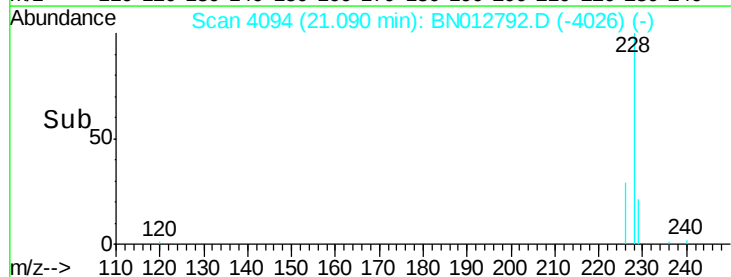
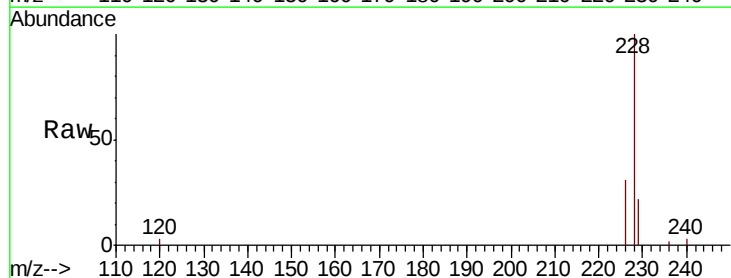
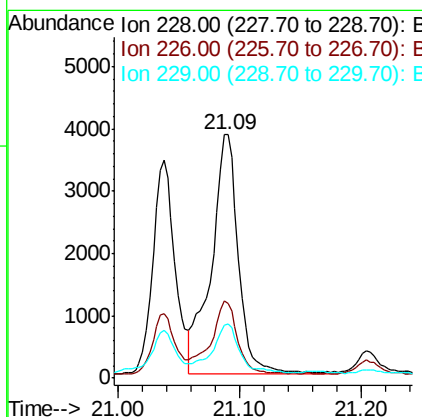
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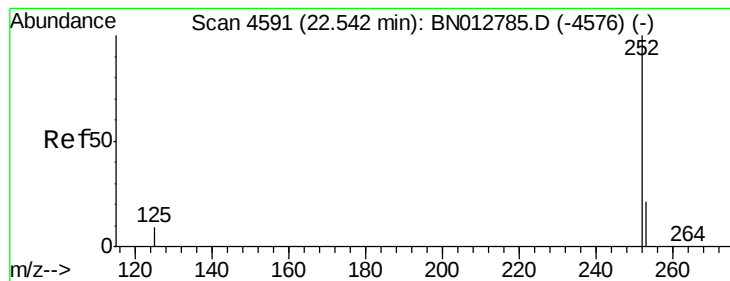
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#19
Chrysene
Concen: 0.318 ng/ul
RT: 21.09 min Scan# 4094
Delta R.T. -0.00 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	22.3	16.1	24.1





#21

Benzo(b)fluoranthene

Concen: 0.410 ng/ul m

RT: 22.54 min Scan# 4590

Delta R.T. -0.00 min

Lab File: BN012792.D

Acq: 01 Dec 2020 21:16

Instrument :

BNA_N

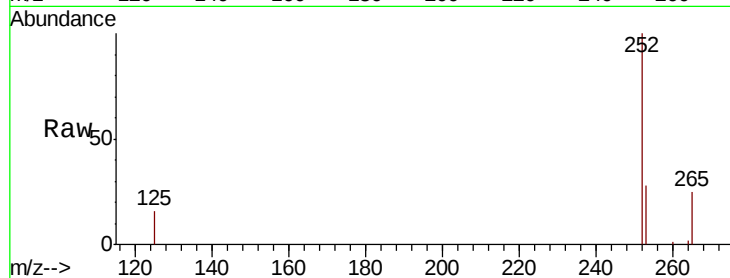
ClientSampleId :

C0BG5

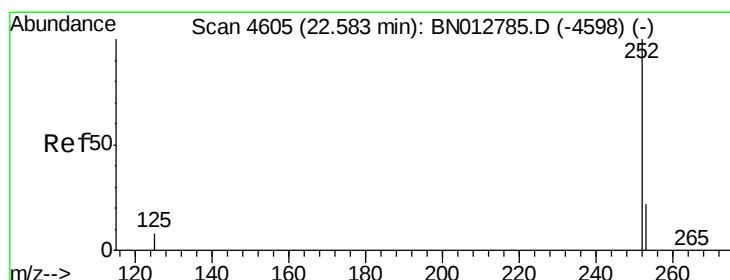
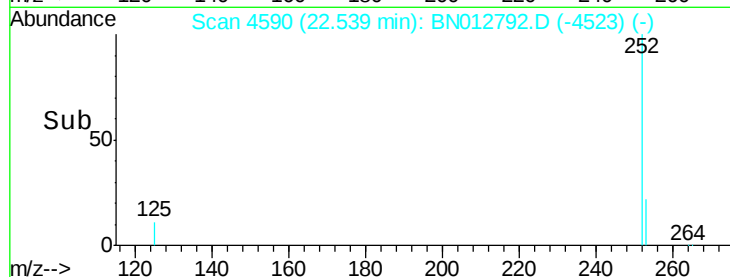
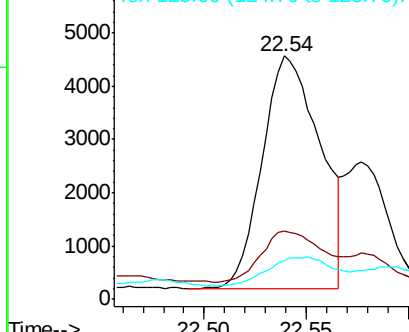
Tot Ion:	252	Resp:	8643
Ion Ratio	Lower	Upper	
252	100		
253	28.2	0.0	58.4
125	15.8	0.0	28.6

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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: 0.144 ng/ul m

RT: 22.58 min Scan# 4603

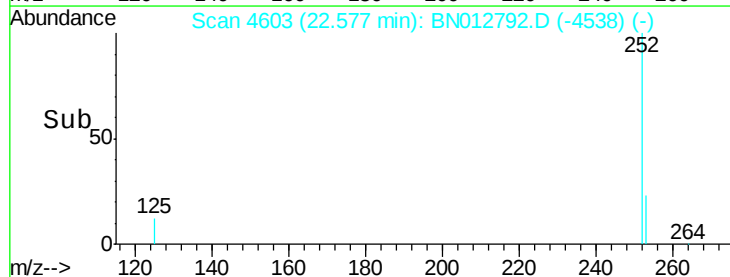
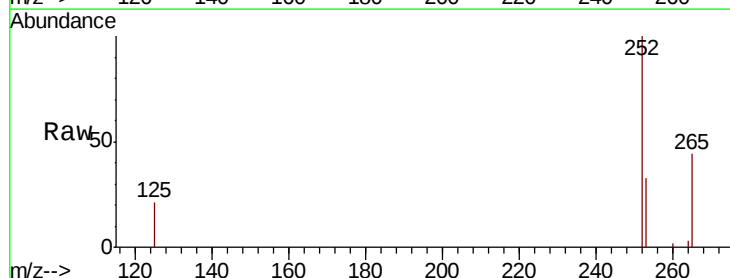
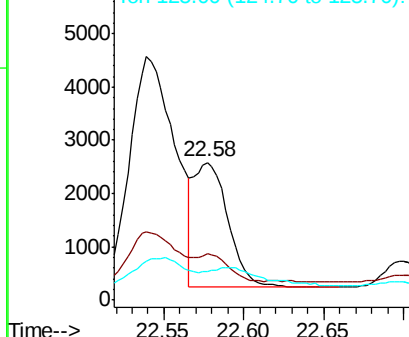
Delta R.T. -0.01 min

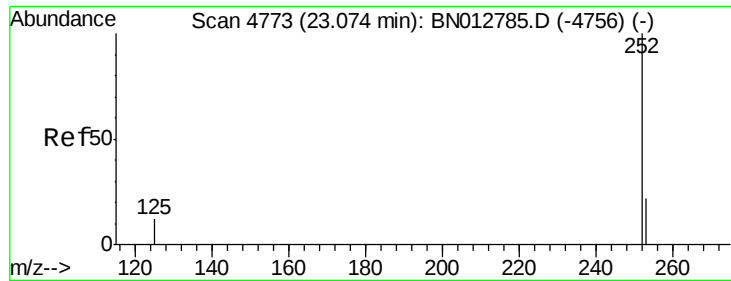
Lab File: BN012792.D

Acq: 01 Dec 2020 21:16

Tgt Ion:	252	Resp:	3510
Ion Ratio	Lower	Upper	
252	100		
253	33.4	23.4	35.2
125	20.9	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: 0.285 ng/ul

RT: 23.07 min Scan# 4771

Delta R.T. -0.01 min

Lab File: BN012792.D

Acq: 01 Dec 2020 21:16

Instrument :

BNA_N

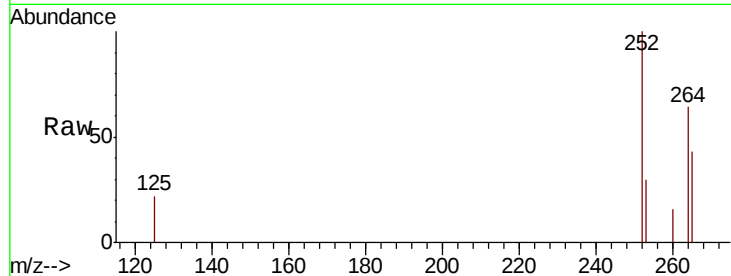
ClientSampleId :

C0BG5

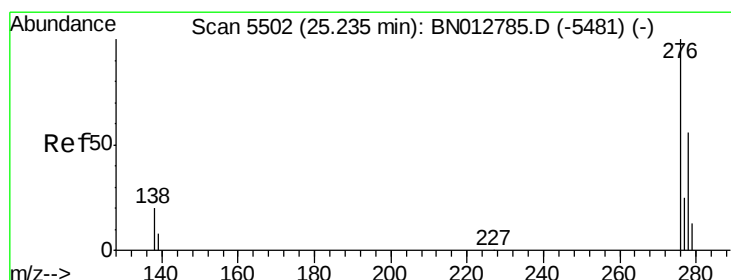
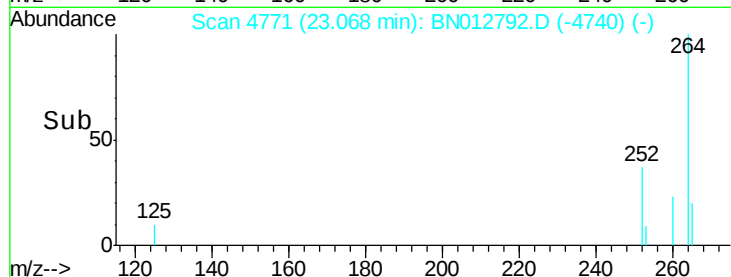
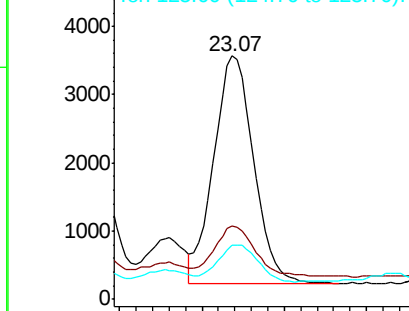
Tot Ion:	252	Resp:	5659
Ion Ratio	Lower	Upper	
252	100		
253	30.1	27.6	41.4
125	22.1	17.0	25.4

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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: 0.171 ng/ul

RT: 25.23 min Scan# 5500

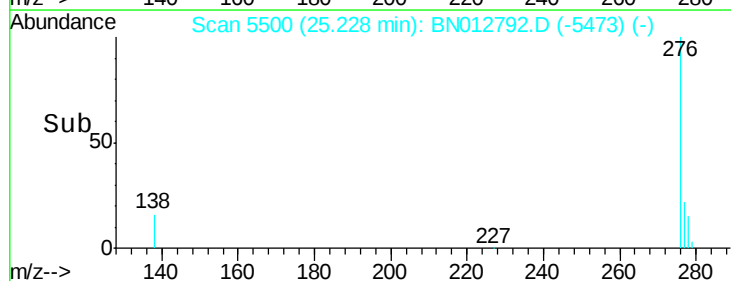
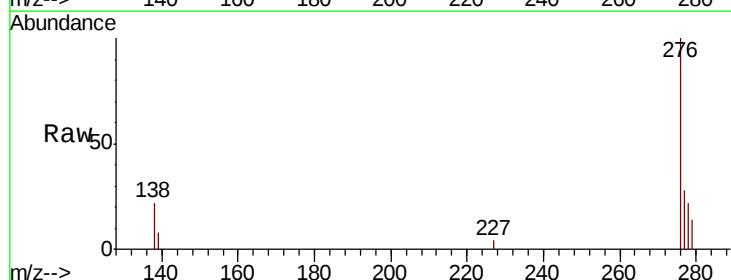
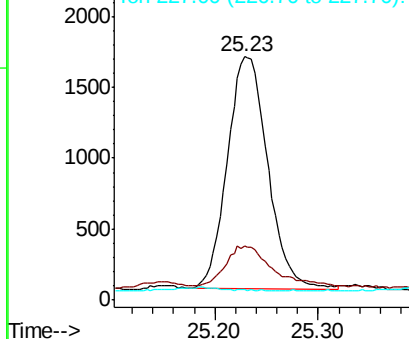
Delta R.T. -0.01 min

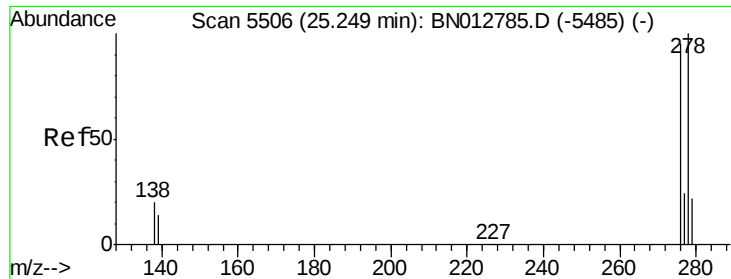
Lab File: BN012792.D

Acq: 01 Dec 2020 21:16

Tgt Ion:	276	Resp:	4446
Ion Ratio	Lower	Upper	
276	100		
138	20.2	16.5	24.7
227	0.0	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





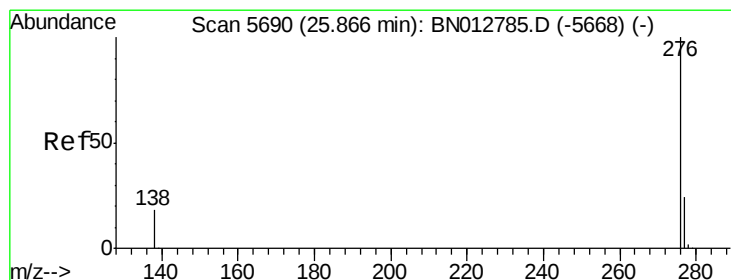
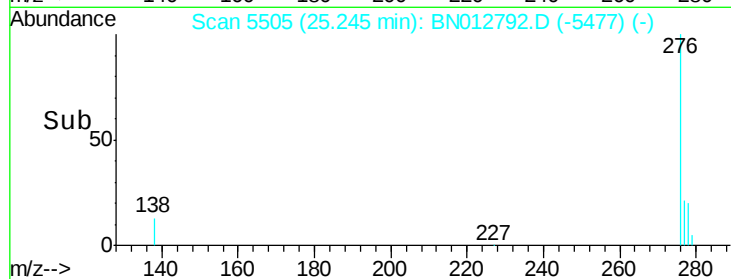
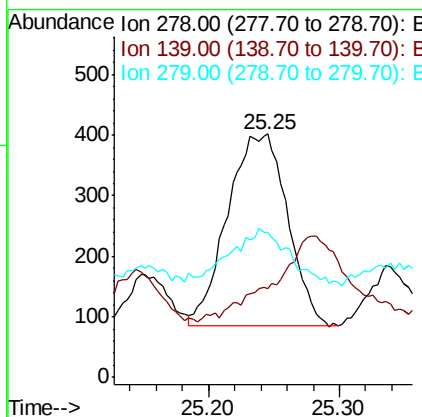
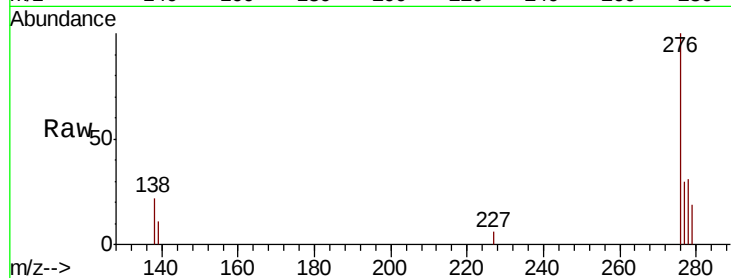
#25
Dibenzo(a,h)anthracene
Concen: 0.048 ng/u1
RT: 25.25 min Scan# 5505
Delta R.T. -0.01 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Instrument :
BNA_N
ClientSampleId :
C0BG5

Tot Ion	Ratio	Lower	Upper
278	100		
139	36.6	13.8	20.8#
279	59.5	25.6	38.4#

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#26
Benzo(g,h,i)perylene
Concen: 0.180 ng/u1
RT: 25.87 min Scan# 5690
Delta R.T. 0.00 min
Lab File: BN012792.D
Acq: 01 Dec 2020 21:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.3	24.5
277	28.3	21.8	32.8

