

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012244.D
 Acq On : 15 Oct 2020 22:49
 Operator : CG/JU
 Sample : L4235-10
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK7

Quant Time: Oct 16 01:28:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1703	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7035	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4101	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8461	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7316	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7479	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.99	152	1524	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3356	0.14	ng/ul	0.00

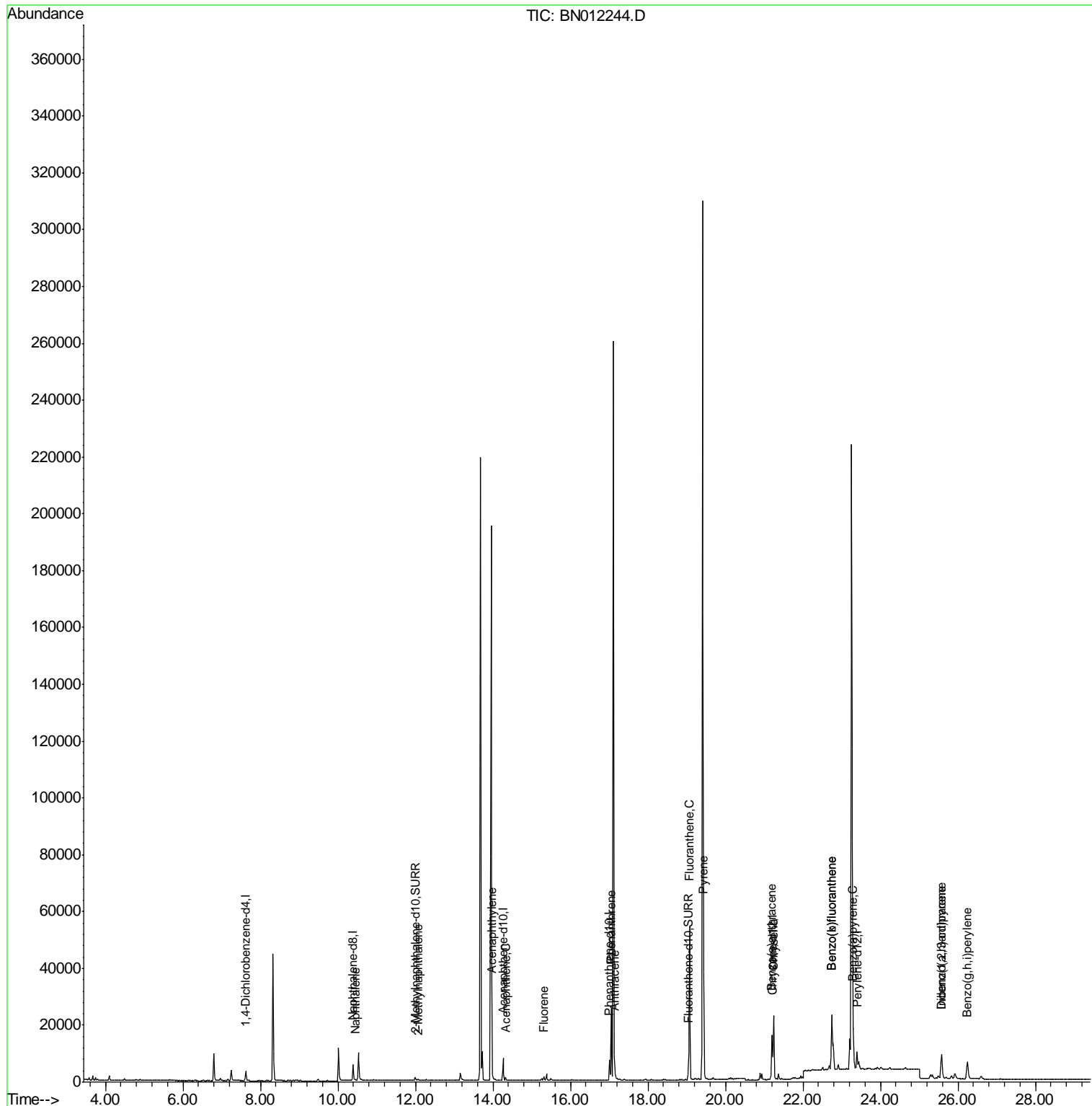
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.44	128	544	0.027	ng/ul#	74
5) 2-Methylnaphthalene	12.07	142	304	0.024	ng/ul	100
7) Acenaphthylene	13.98	152	783	0.044	ng/ul#	83
8) Acenaphthene	14.32	153	665	0.044	ng/ul	95
9) Fluorene	15.31	166	875	0.052	ng/ul#	97
12) Phenanthrene	17.05	178	25762	0.955	ng/ul	98
13) Anthracene	17.14	178	2294	0.099	ng/ul#	91
15) Fluoranthene	19.07	202	46207	1.465	ng/ul	97
17) Pyrene	19.44	202	35603	1.079	ng/ul	99
18) Benzo(a)anthracene	21.19	228	11907	0.439	ng/ul	98
19) Chrysene	21.24	228	23012	0.697	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	39277	1.300	ng/ul	94
22) Benzo(k)fluoranthene	22.74	252	39277	1.175	ng/ul	94
23) Benzo(a)pyrene	23.30	252	15518	0.528	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.57	276	13353	0.354	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	3223	0.107	ng/ul#	77
26) Benzo(a,h,i)perylene	26.24	276	12010	0.347	ng/ul	98

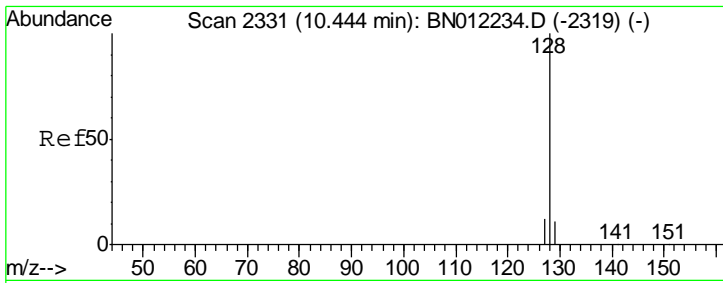
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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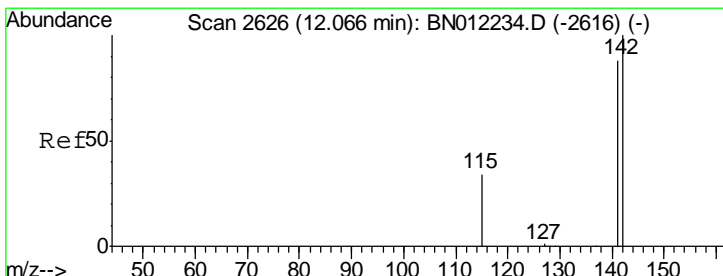
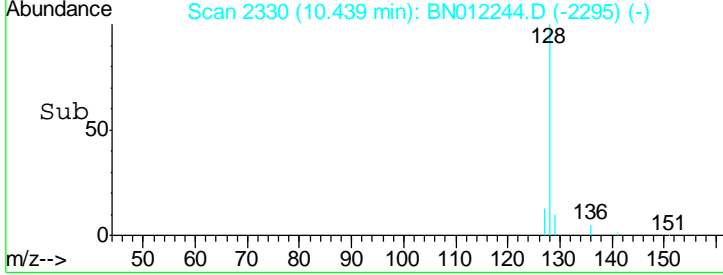
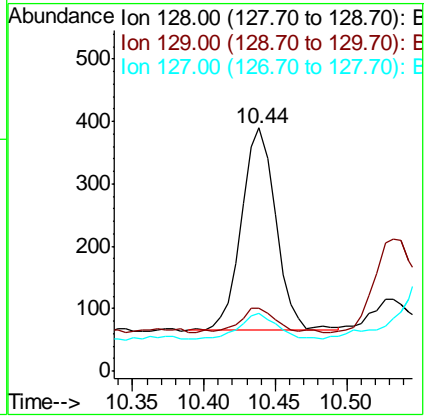
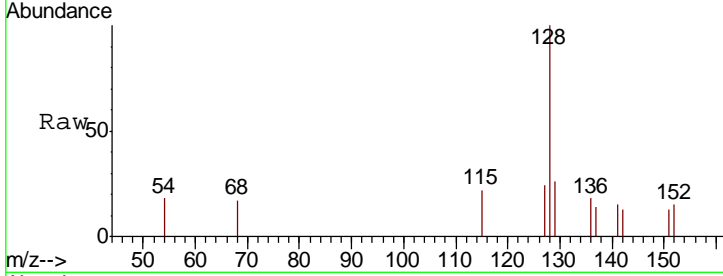




#3
 Naphthalene
 Concen: 0.027 ng/ul
 RT: 10.44 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

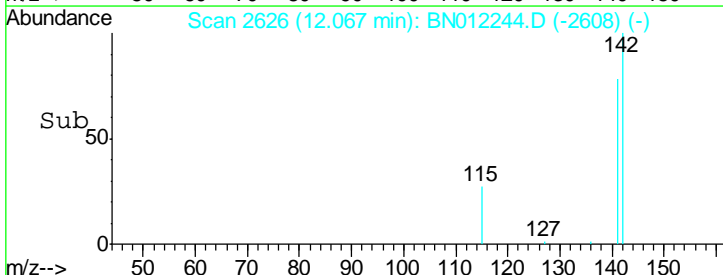
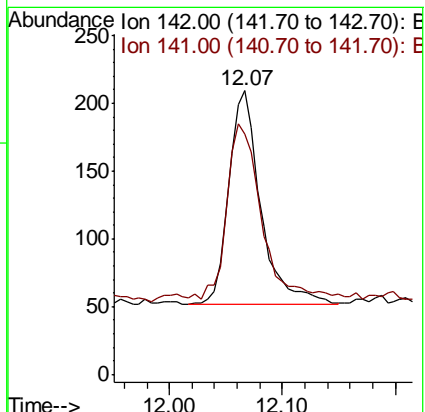
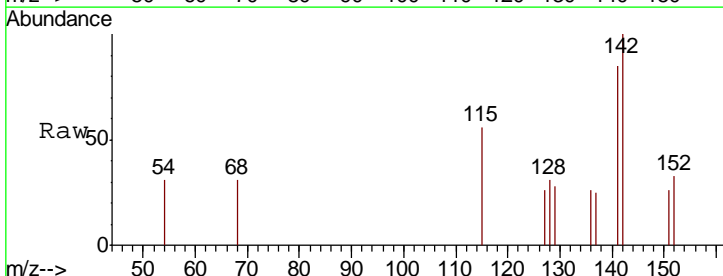
Instrument :
 BNA_N
 ClientSampled :
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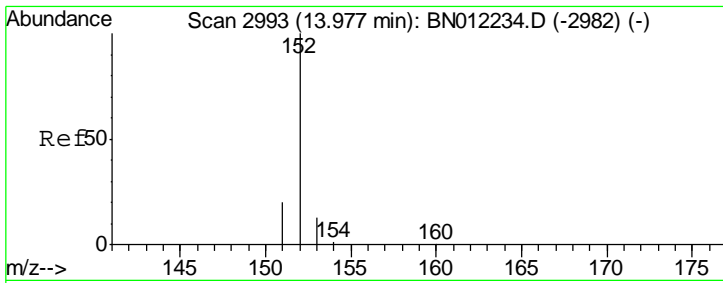
Tgt Ion	Resp	Lower	Upper
128	100		
129	25.6	10.3	15.5#
127	23.8	11.9	17.9#



#5
 2-Methylnaphthalene
 Concen: 0.024 ng/ul
 RT: 12.07 min Scan# 2626
 Delta R.T. 0.00 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

Tgt Ion	Resp	Lower	Upper
142	100		
141	89.5	71.7	107.5

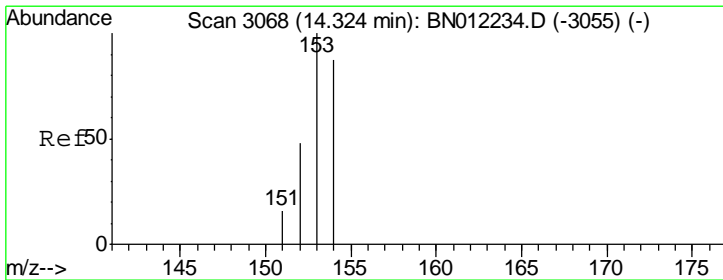
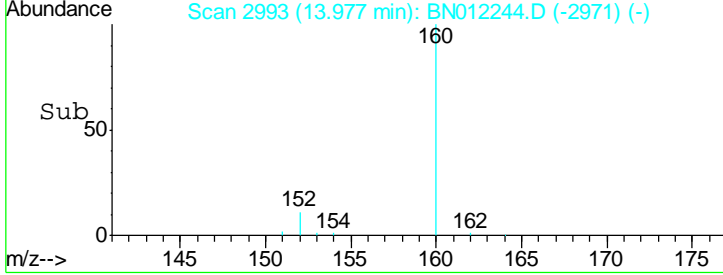
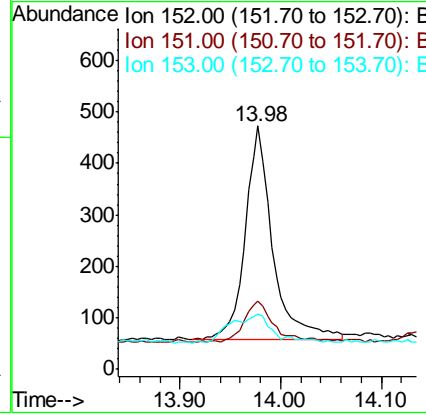
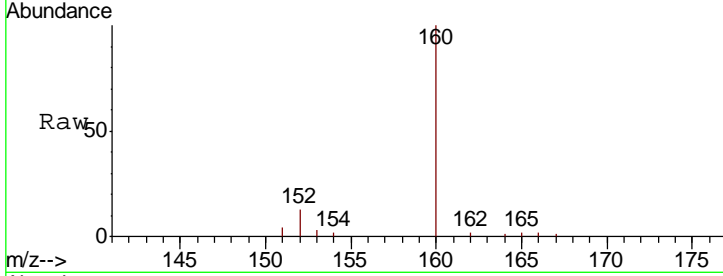




#7
 Acenaphthylene
 Concen: 0.044 ng/ul
 RT: 13.98 min Scan# 2993
 Delta R.T. 0.00 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

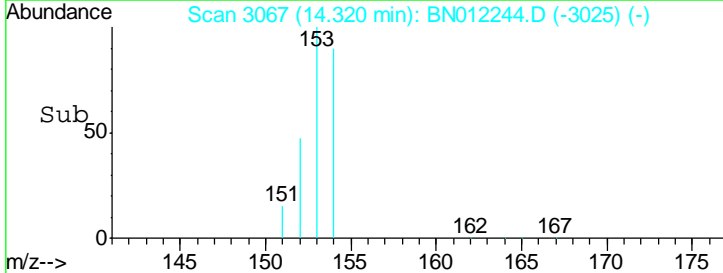
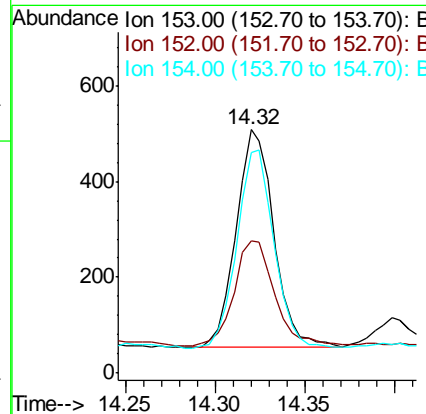
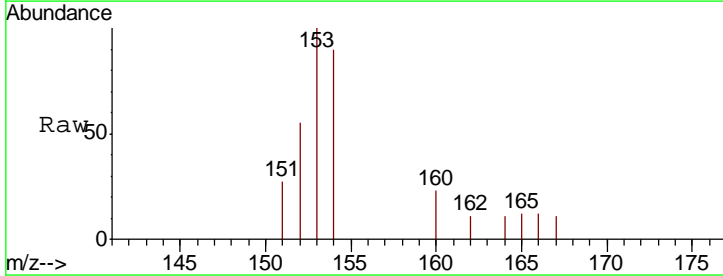
Instrument :
 BNA_N
 ClientSampled :
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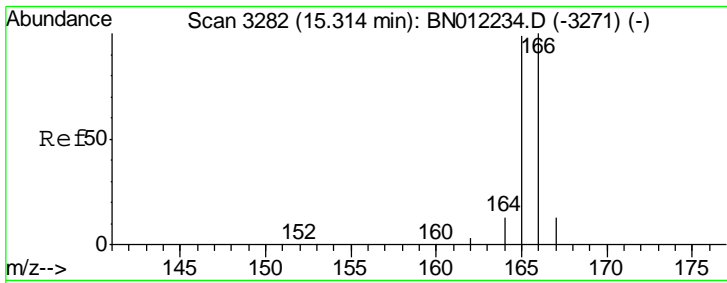
Tgt Ion	Resp	Lower	Upper
152	100		
151	28.1	16.7	25.1#
153	22.6	11.8	17.8#



#8
 Acenaphthene
 Concen: 0.044 ng/ul
 RT: 14.32 min Scan# 3067
 Delta R.T. -0.00 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

Tgt Ion	Resp	Lower	Upper
153	100		
152	54.5	38.2	57.2
154	90.4	71.1	106.7

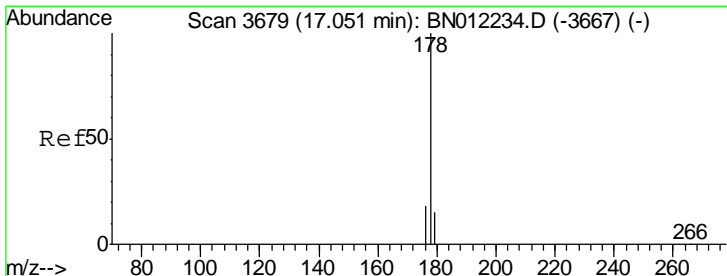
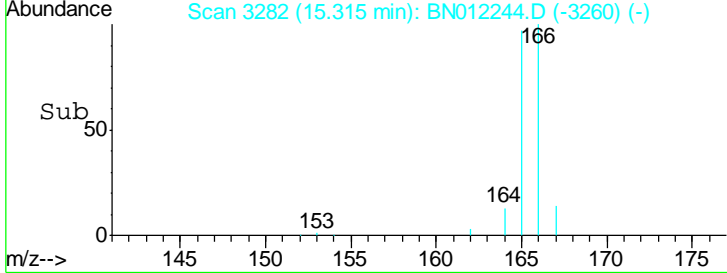
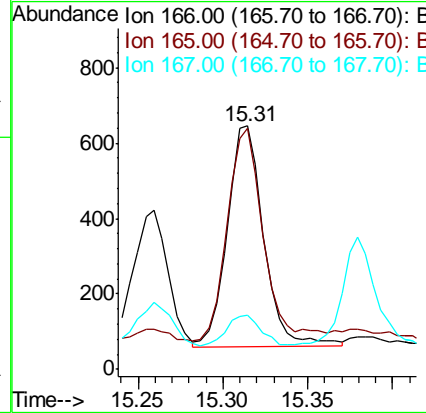
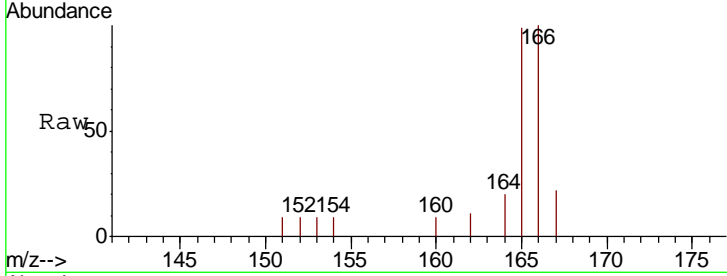




#9
 Fluorene
 Concen: 0.052 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. 0.00 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

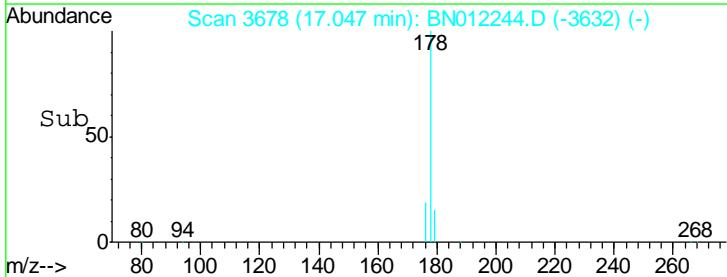
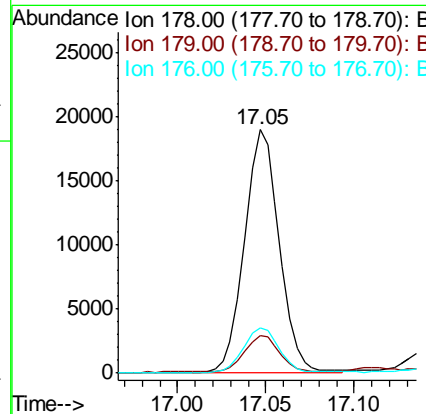
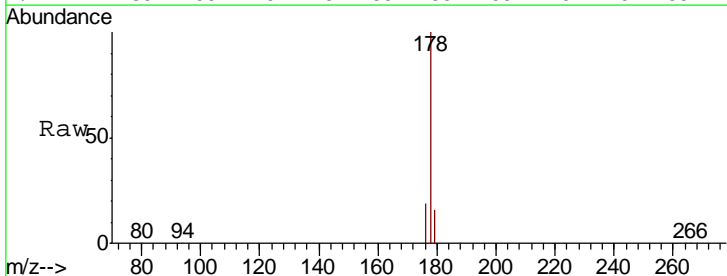
Instrument :
 BNA_N
 ClientSampled :
 C0AK7

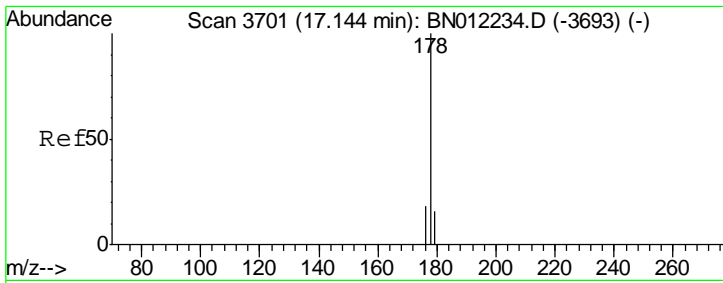
Tgt Ion	Resp	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	22.1	11.9	17.9#



#12
 Phenanthrene
 Concen: 0.955 ng/ul
 RT: 17.05 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

Tgt Ion	Resp	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.8	15.7	23.5

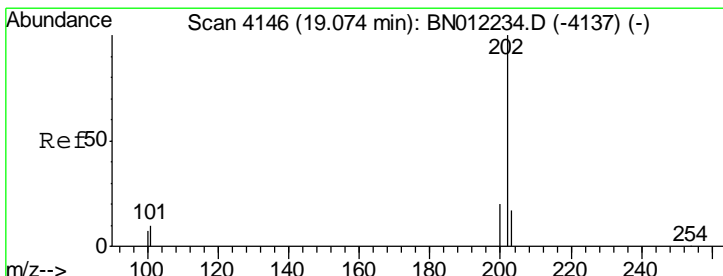
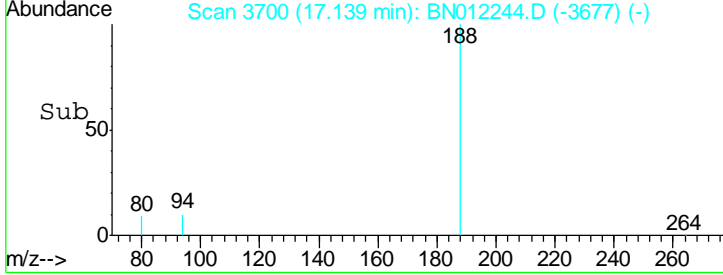
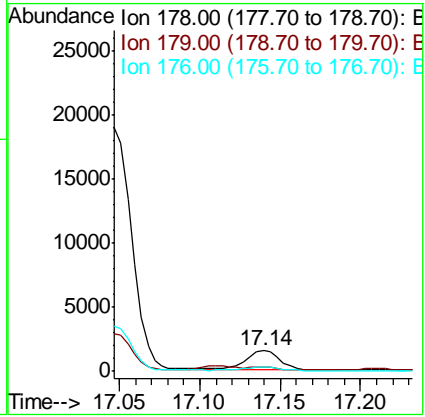
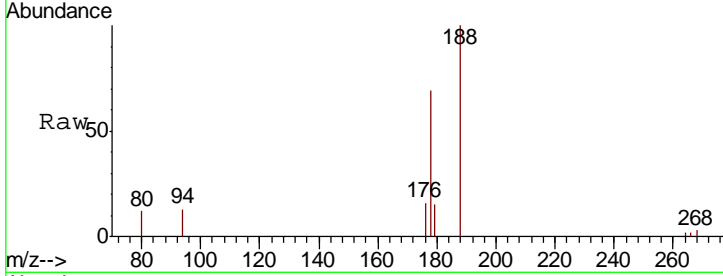




#13
 Anthracene
 Concen: 0.099 ng/ul
 RT: 17.14 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

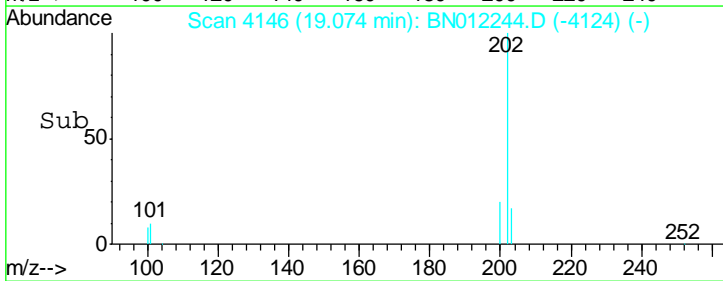
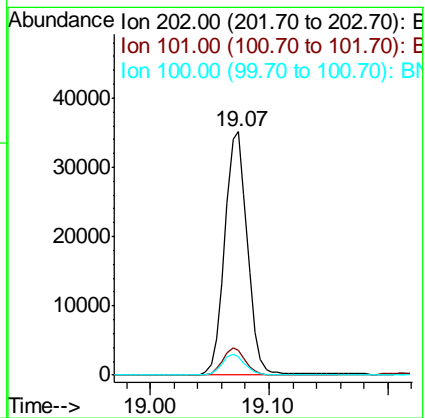
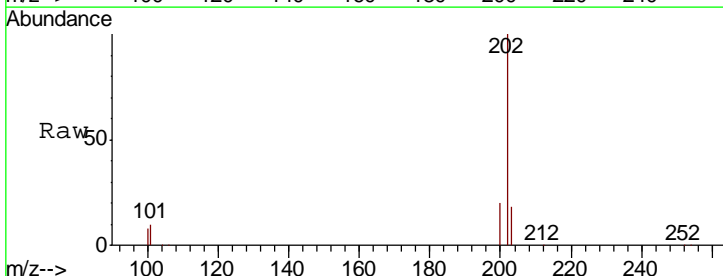
Instrument :
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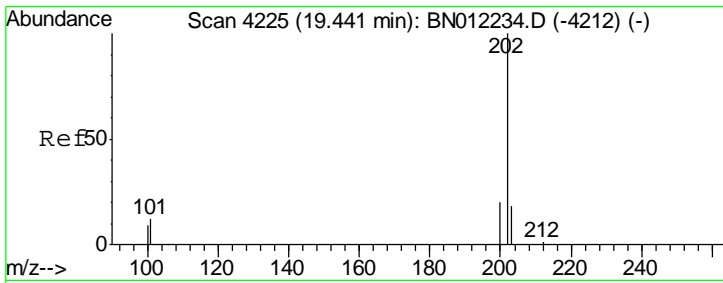
Tgt Ion	Resp	Lower	Upper
178	100		
179	21.4	13.9	20.9#
176	23.1	15.4	23.0#



#15
 Fluoranthene
 Concen: 1.465 ng/ul
 RT: 19.07 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

Tgt Ion	Resp	Lower	Upper
202	100		
101	10.1	0.0	31.0
100	7.7	0.0	28.7

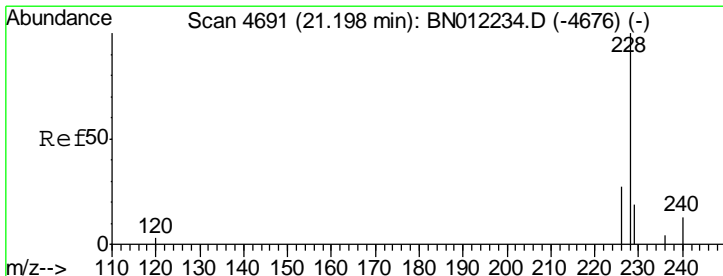
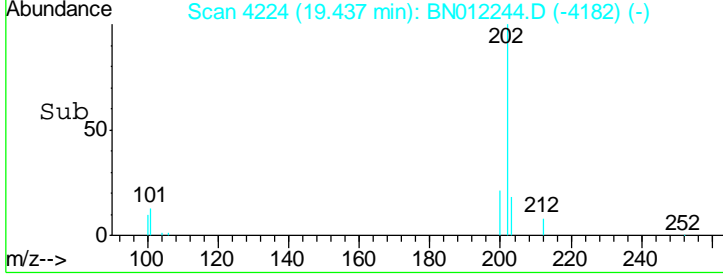
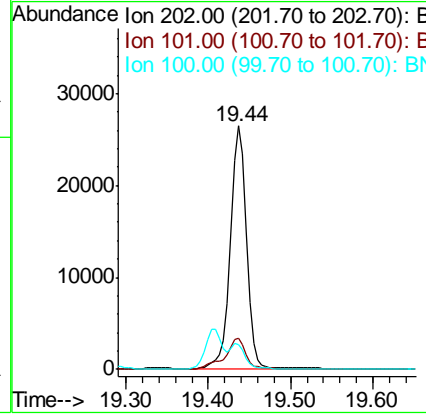
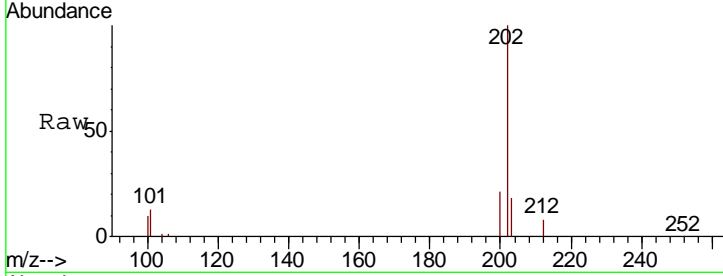




#17
 Pyrene
 Concen: 1.079 ng/ul
 RT: 19.44 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

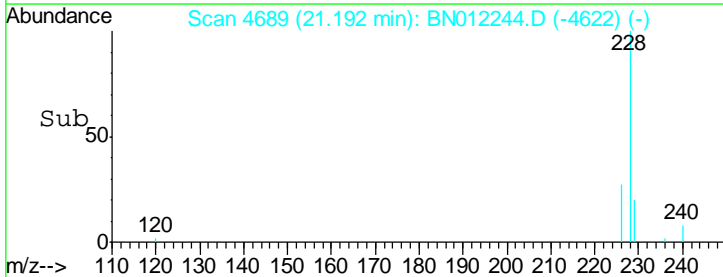
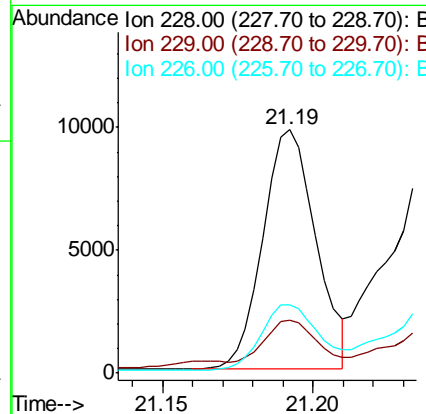
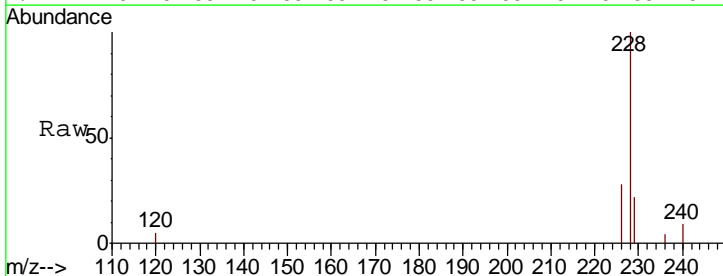
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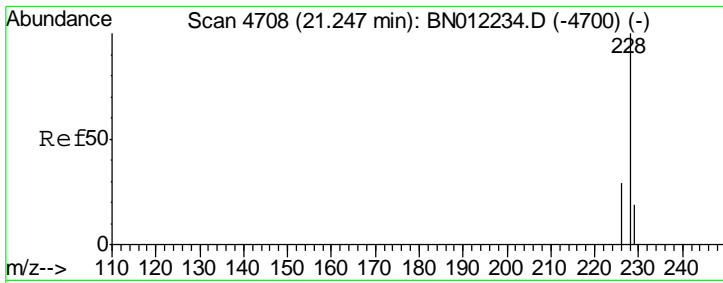
Tgt Ion	Resp	Lower	Upper
202	35603		
101	12.9	9.9	14.9
100	10.4	8.0	12.0



#18
 Benzo(a)anthracene
 Concen: 0.439 ng/ul
 RT: 21.19 min Scan# 4689
 Delta R.T. -0.01 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

Tgt Ion	Resp	Lower	Upper
228	11907		
229	21.8	15.8	23.8
226	28.3	22.6	33.8

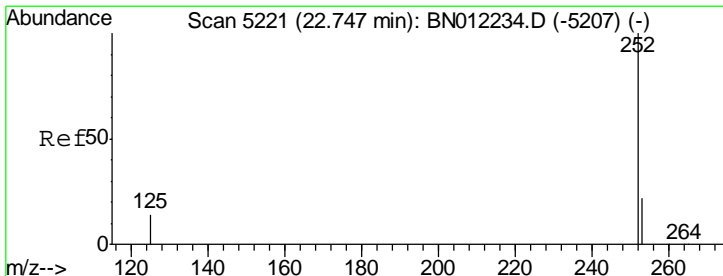
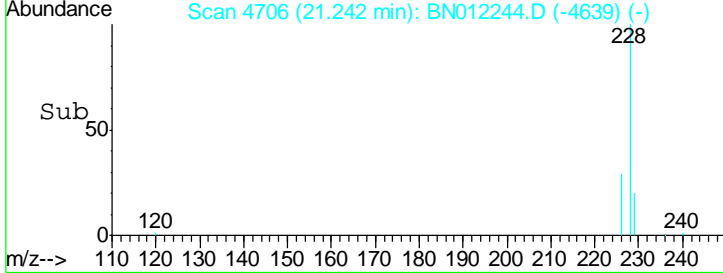
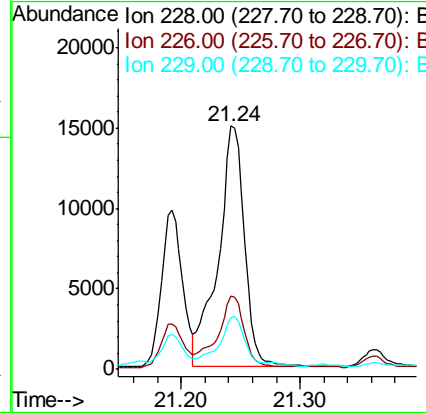
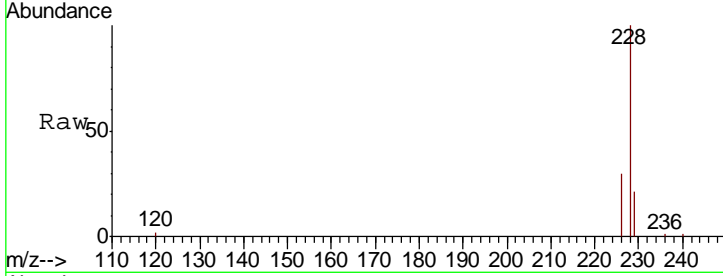




#19
 Chrysene
 Concen: 0.697 ng/ul
 RT: 21.24 min Scan# 4706
 Delta R.T. -0.01 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

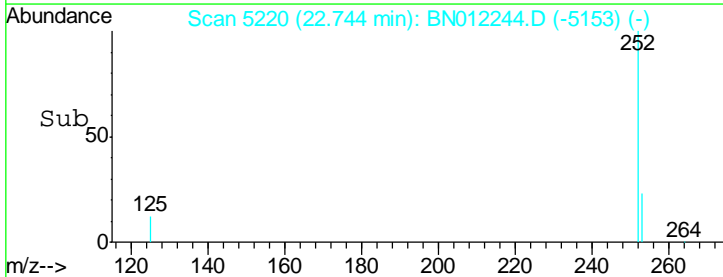
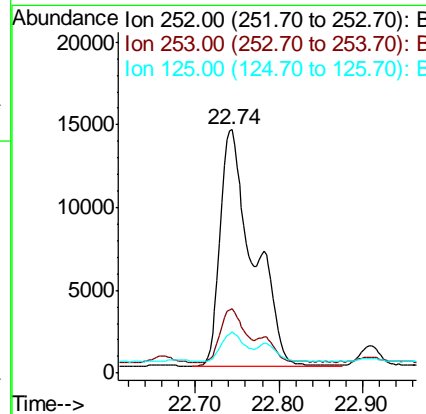
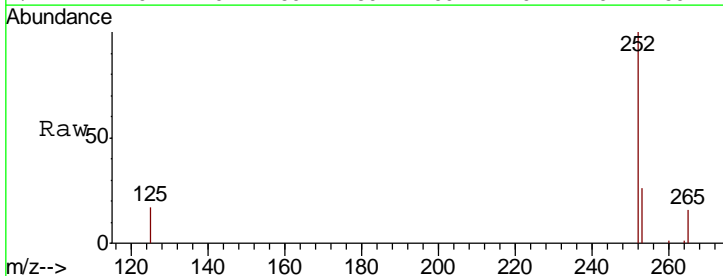
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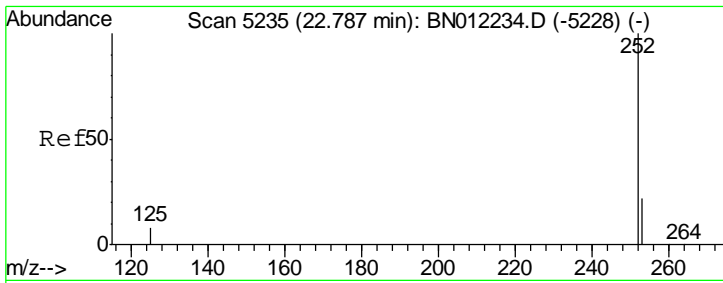
Tgt Ion	Resp	Lower	Upper
228	23012		
226	30.0	24.6	37.0
229	21.2	17.0	25.6



#21
 Benzo(b)fluoranthene
 Concen: 1.300 ng/ul
 RT: 22.74 min Scan# 5220
 Delta R.T. -0.00 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

Tgt Ion	Resp	Lower	Upper
252	39277		
253	26.4	0.0	61.6
125	16.8	0.0	36.8

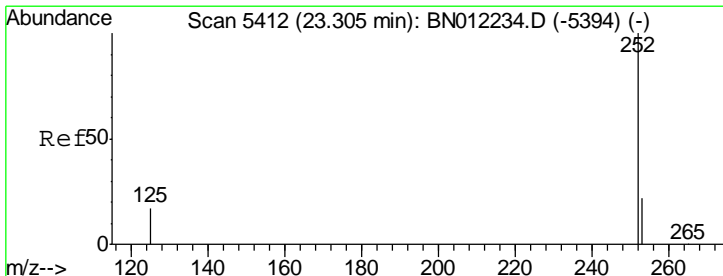
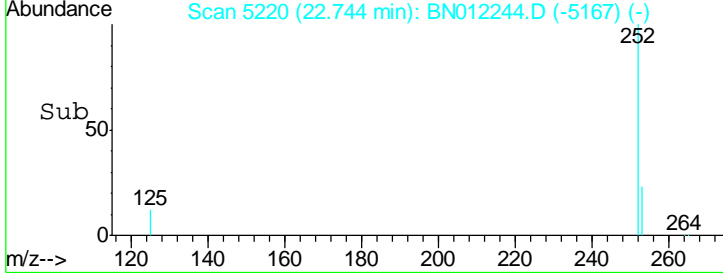
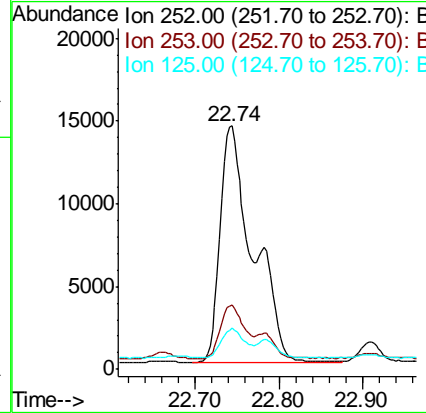
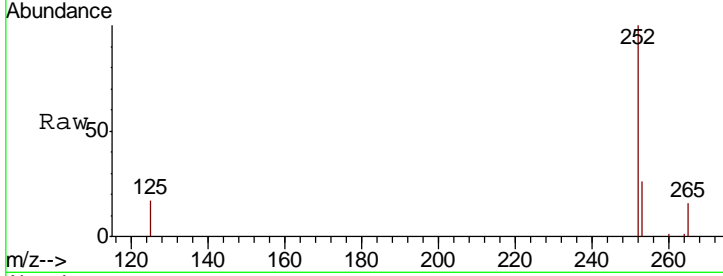




#22
 Benzo(k)fluoranthene
 Concen: 1.175 ng/ul
 RT: 22.74 min Scan# 5220
 Delta R.T. -0.04 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

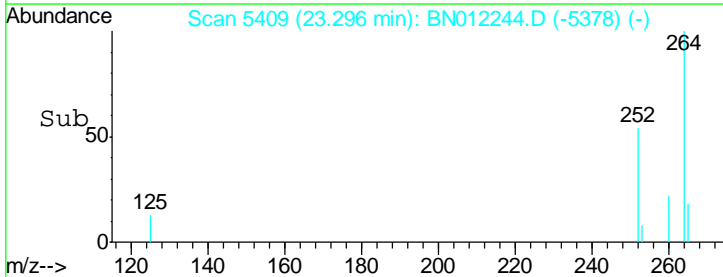
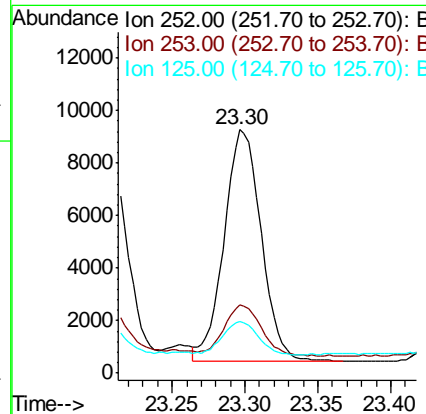
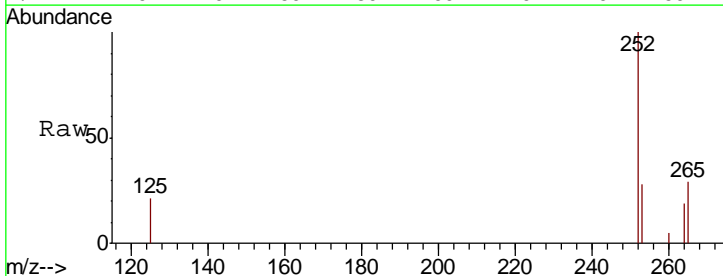
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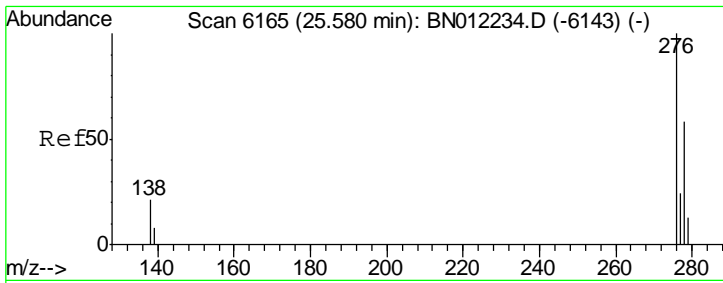
Tgt Ion	Resp	Lower	Upper
252	39277		
253	26.4	24.4	36.6
125	16.8	12.9	19.3



#23
 Benzo(a)pyrene
 Concen: 0.528 ng/ul
 RT: 23.30 min Scan# 5409
 Delta R.T. -0.01 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

Tgt Ion	Resp	Lower	Upper
252	15518		
253	27.9	27.0	40.4
125	21.0	18.8	28.2

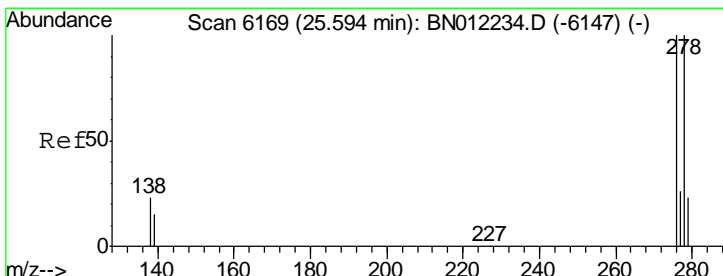
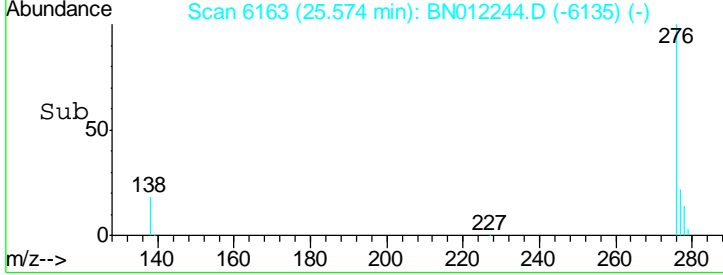
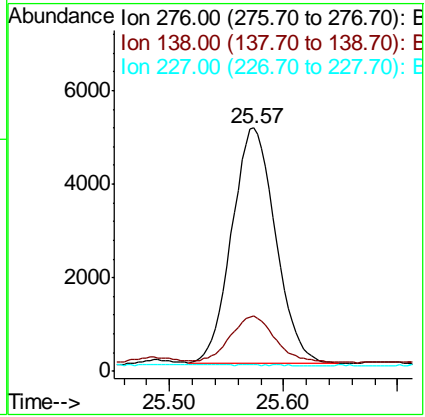
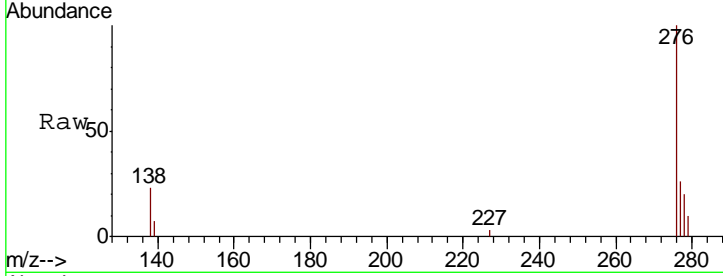




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.354 ng/ul
 RT: 25.57 min Scan# 6163
 Delta R.T. -0.01 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

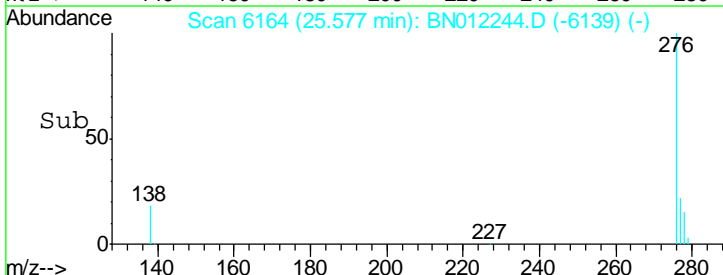
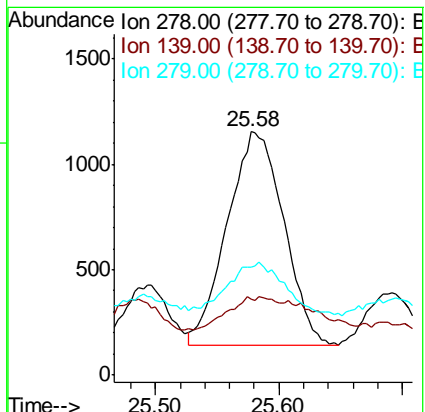
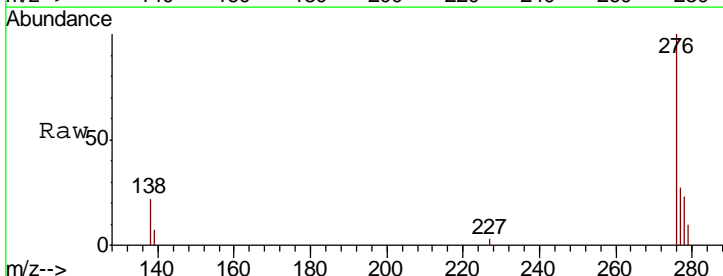
Instrument :
 BNA_N
 ClientSampled :
 C0AK7

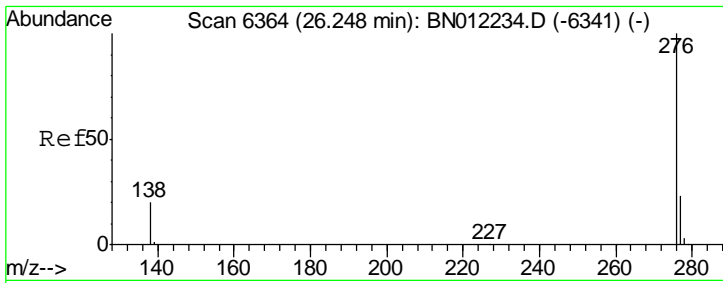
Tgt Ion	Resp	Lower	Upper
276	13353		
138	20.6	0.0	0.0#
227	0.1	0.0	0.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.107 ng/ul
 RT: 25.58 min Scan# 6164
 Delta R.T. -0.02 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

Tgt Ion	Resp	Lower	Upper
278	3223		
139	31.4	15.7	23.5#
279	44.6	26.0	39.0#





#26
 Benzo(a,h,i)perylene
 Concen: 0.347 ng/ul
 RT: 26.24 min Scan# 6361
 Delta R.T. -0.01 min
 Lab File: BN012244.D
 Acq: 15 Oct 2020 22:49

Instrument :
 BNA_N
ClientSampleId :
 C0AK7

Tot Ion: 276 Resp: 12010

Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.1	25.7
277	26.1	21.1	31.7

