

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012948.D
 Acq On : 07 Dec 2020 20:31
 Operator : CG/JU
 Sample : L4864-14DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 C0B72DL

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Quant Time: Dec 08 00:42:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 08 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1202	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4981	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2784	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5756	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4764	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4403	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.77	152	237	0.03	ng/ul	0.01
14) Fluoranthene-d10	18.86	212	494	0.03	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) Phenanthrene	16.85	178	5336	0.276	ng/ul	99
13) Anthracene	16.95	178	1000	0.061	ng/ul#	94
15) Fluoranthene	18.88	202	17978	0.784	ng/ul	99
17) Pyrene	19.25	202	16781	0.746	ng/ul	100
18) Benzo(a)anthracene	21.02	228	9604	0.487	ng/ul	99
19) Chrysene	21.07	228	10994	0.505	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	14488m	0.711	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	5067m	0.225	ng/ul	
23) Benzo(a)pyrene	23.04	252	9148	0.484	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.19	276	5155	0.208	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	1431	0.073	ng/ul#	66
26) Benzo(g,h,i)perylene	25.82	276	4480	0.199	ng/ul	95

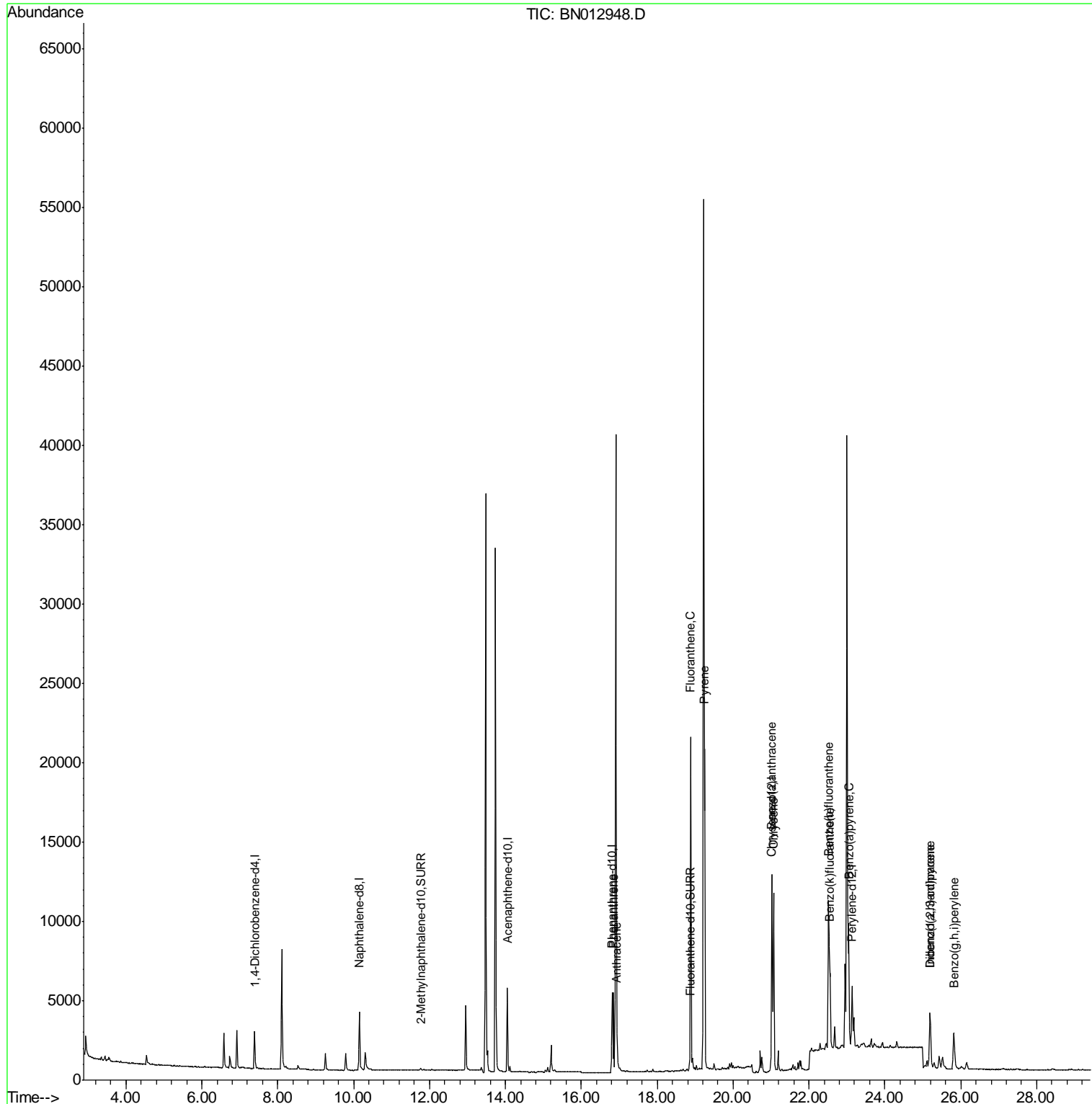
(#) = qualifier out of range (m) = manual integration (+) = signals summed

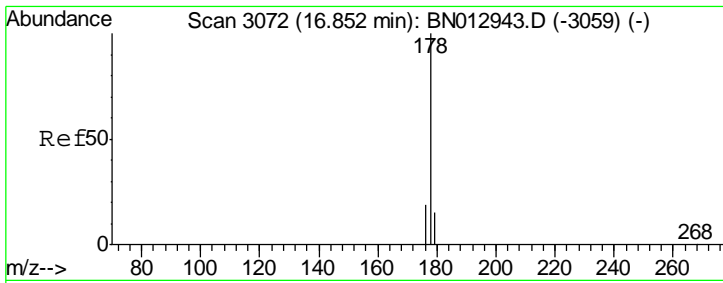
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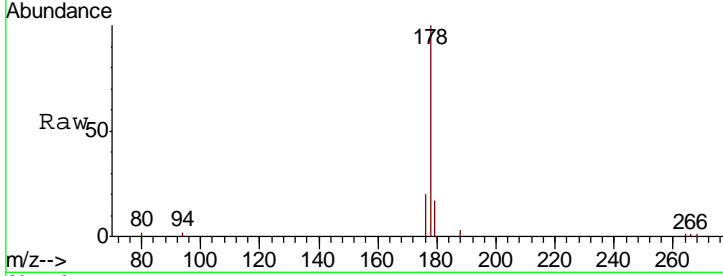
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration





#12
 Phenanthrene
 Concen: 0.276 ng/ul
 RT: 16.85 min Scan# 3072
 Delta R.T. 0.00 min
 Lab File: BN012948.D
 Acq: 07 Dec 2020 20:31

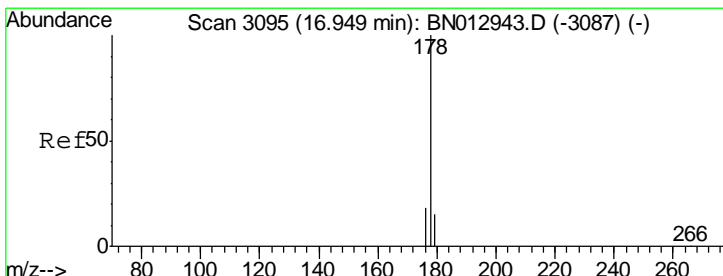
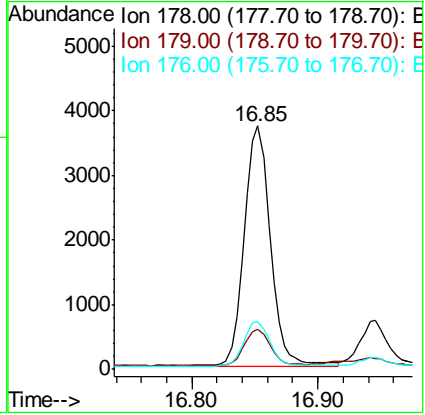
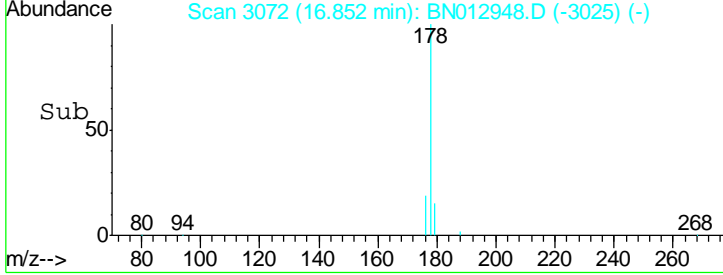
Instrument :
 BNA_N
Client Sampled :
 C0B72DL



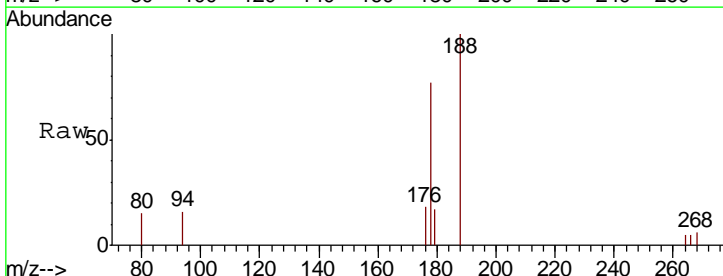
Tgt Ion: 178 Resp: 5336

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.6	20.4
176	19.7	16.4	24.6

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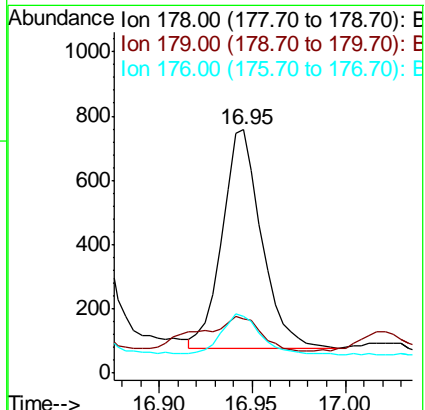
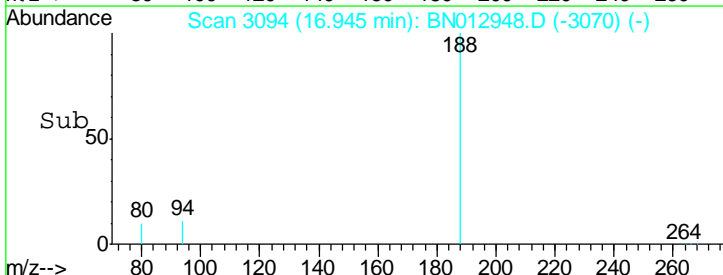


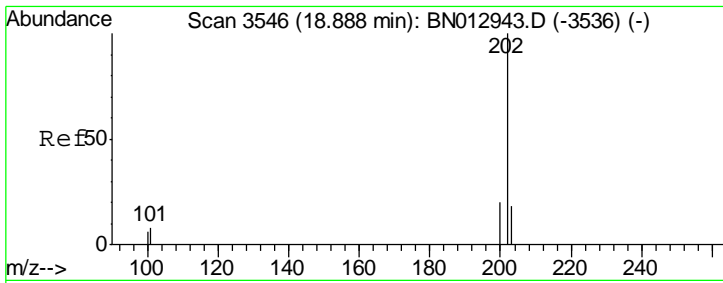
#13
 Anthracene
 Concen: 0.061 ng/ul
 RT: 16.95 min Scan# 3094
 Delta R.T. 0.00 min
 Lab File: BN012948.D
 Acq: 07 Dec 2020 20:31



Tgt Ion: 178 Resp: 1000

Ion	Ratio	Lower	Upper
178	100		
179	22.2	14.6	21.8#
176	23.2	17.1	25.7





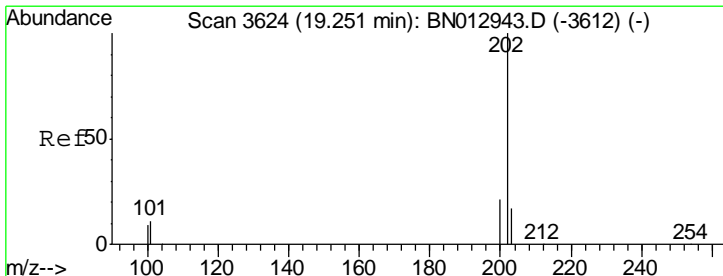
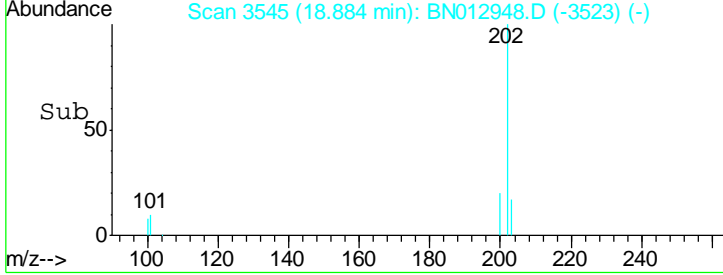
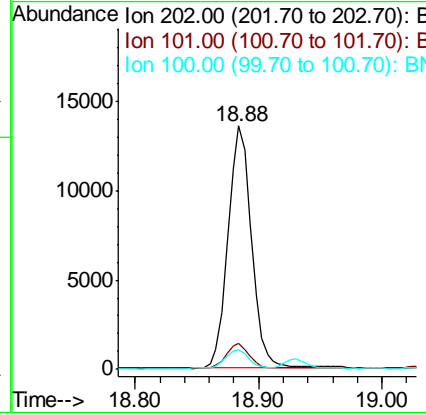
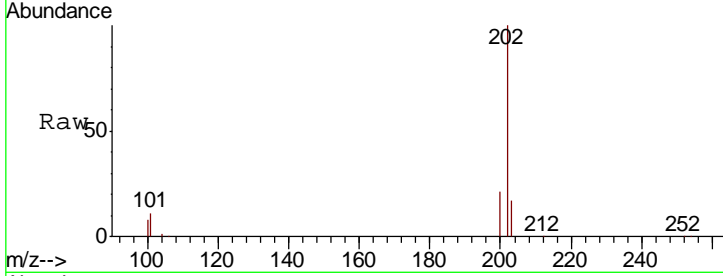
#15
 Fluoranthene
 Concen: 0.784 ng/ul
 RT: 18.88 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: BN012948.D
 Acq: 07 Dec 2020 20:31

Instrument :
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Tgt Ion	Resp	Lower	Upper
202	17978		
101	10.5	0.0	30.6
100	7.9	0.0	28.7

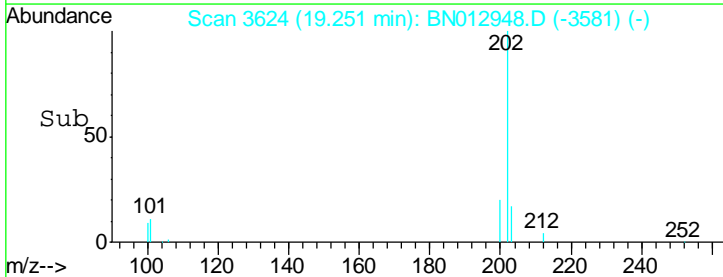
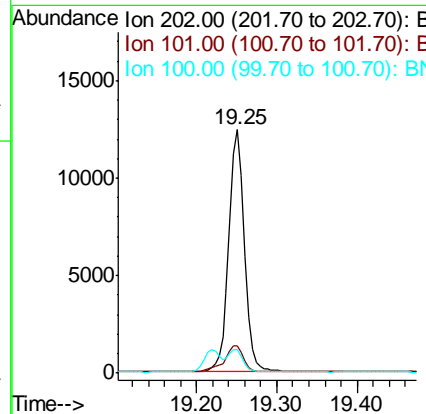
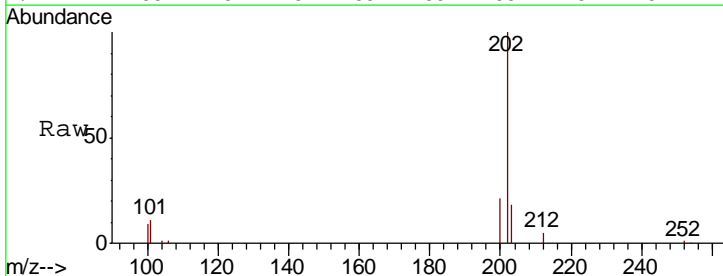
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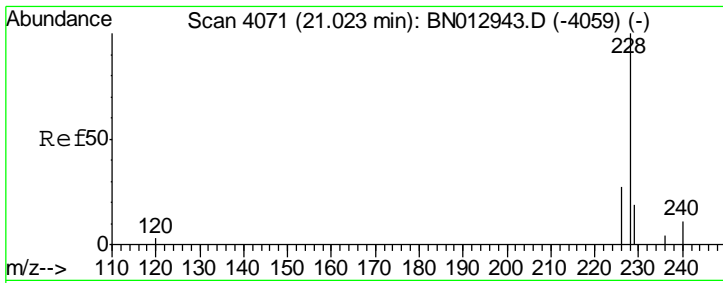
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#17
 Pyrene
 Concen: 0.746 ng/ul
 RT: 19.25 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: BN012948.D
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Tgt Ion	Resp	Lower	Upper
202	16781		
101	11.2	9.1	13.7
100	9.5	7.5	11.3





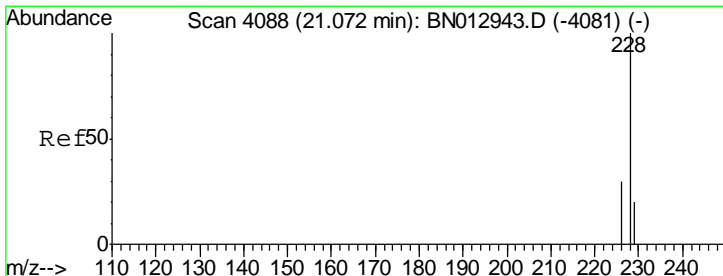
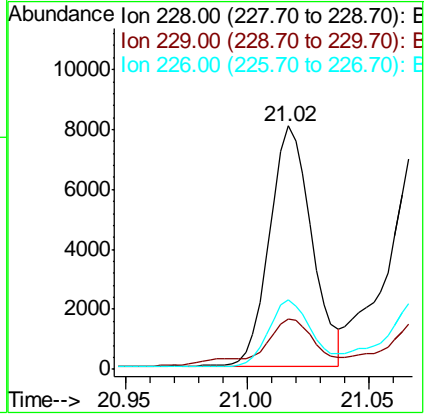
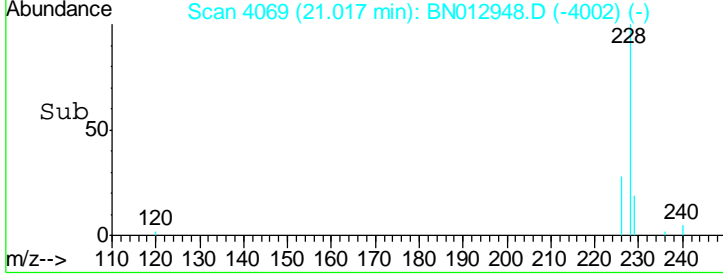
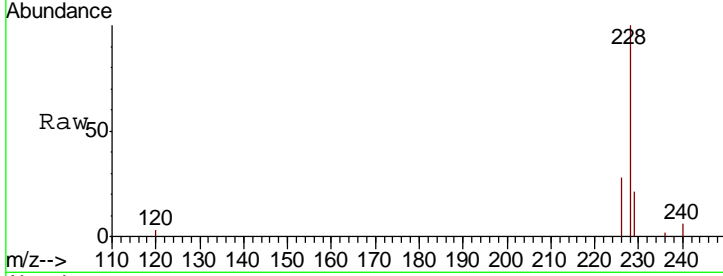
#18
 Benzo(a)anthracene
 Concen: 0.487 ng/ul
 RT: 21.02 min Scan# 4069
 Delta R.T. -0.00 min
 Lab File: BN012948.D
 Acq: 07 Dec 2020 20:31

Instrument :
 BNA_N
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Tgt Ion	Resp	Lower	Upper
228	100		
229	20.5	16.3	24.5
226	28.4	23.4	35.2

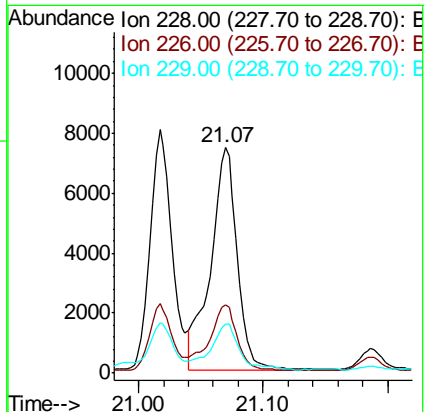
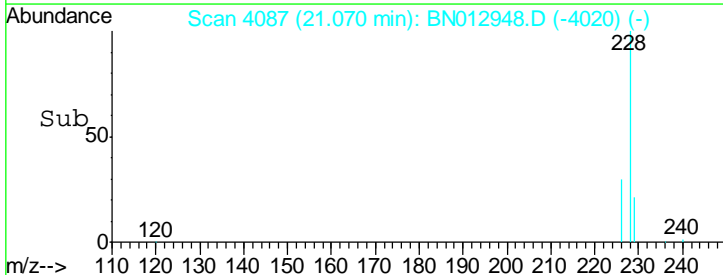
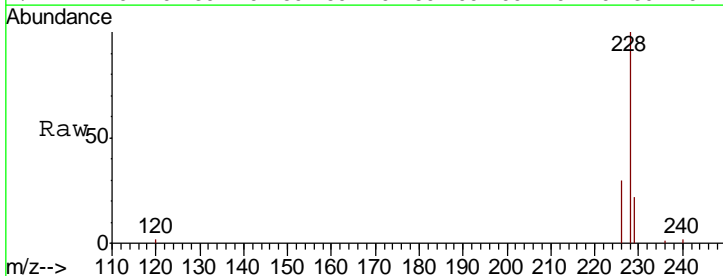
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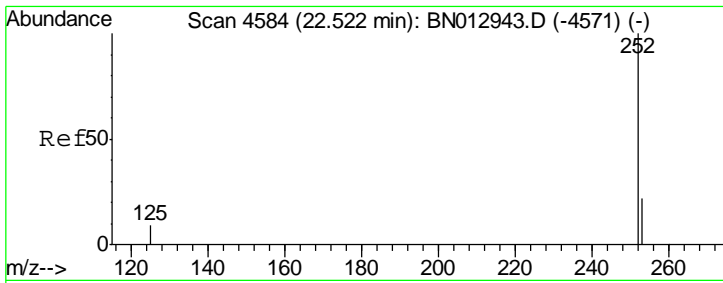
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#19
 Chrysene
 Concen: 0.505 ng/ul
 RT: 21.07 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: BN012948.D
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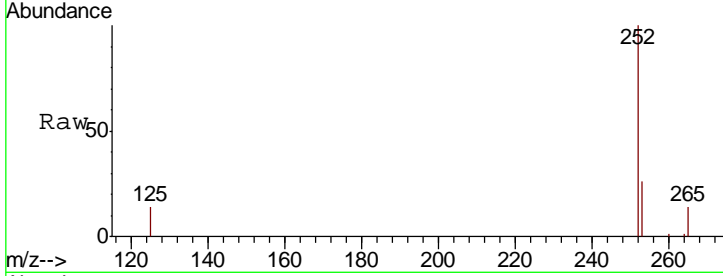
Tgt Ion	Resp	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.1	16.4	24.6





#21
 Benzo(b)fluoranthene
 Concen: 0.711 ng/ul m
 RT: 22.52 min Scan# 4582
 Delta R.T. -0.00 min
 Lab File: BN012948.D
 Acq: 07 Dec 2020 20:31

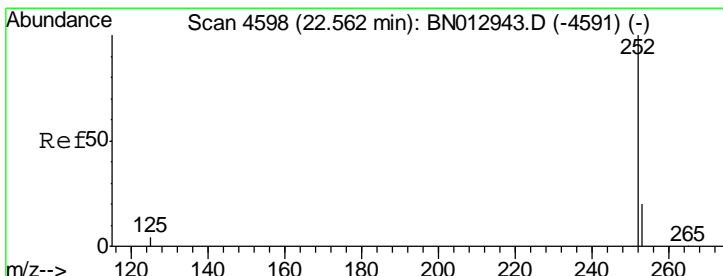
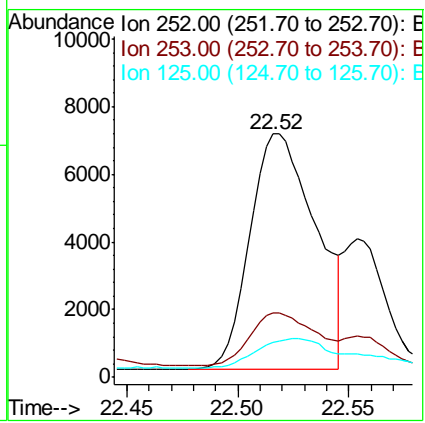
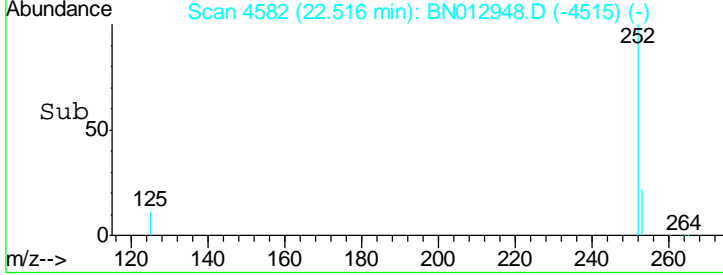
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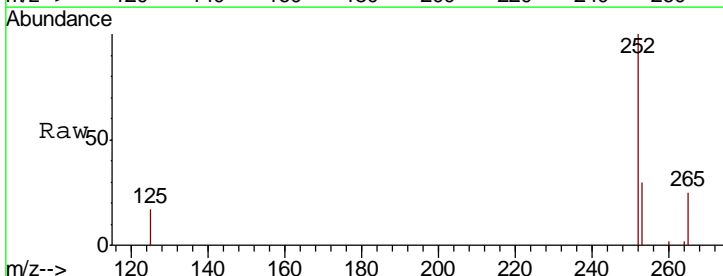
Tgt Ion: 252 Resp: 14488

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	59.6
125	14.2	0.0	26.0

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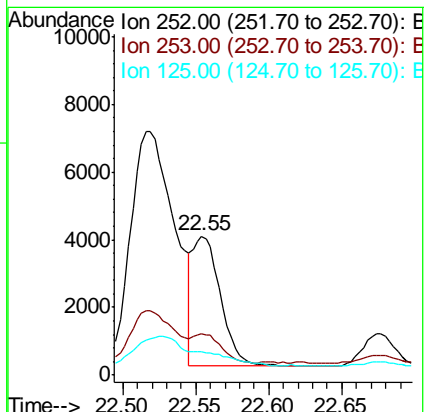
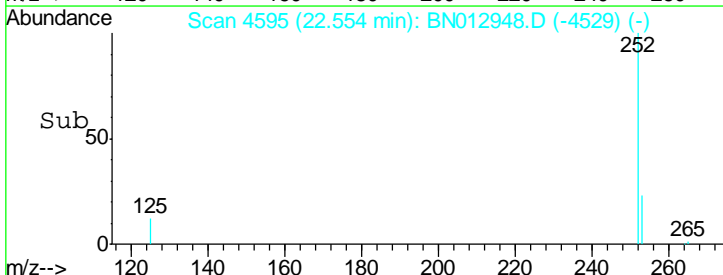


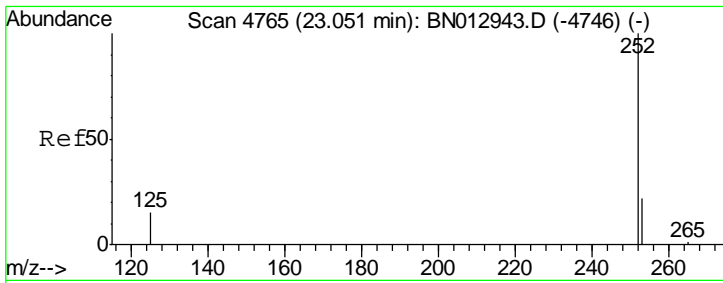
#22
 Benzo(k)fluoranthene
 Concen: 0.225 ng/ul m
 RT: 22.55 min Scan# 4595
 Delta R.T. -0.01 min
 Lab File: BN012948.D
 Acq: 07 Dec 2020 20:31



Tgt Ion: 252 Resp: 5067

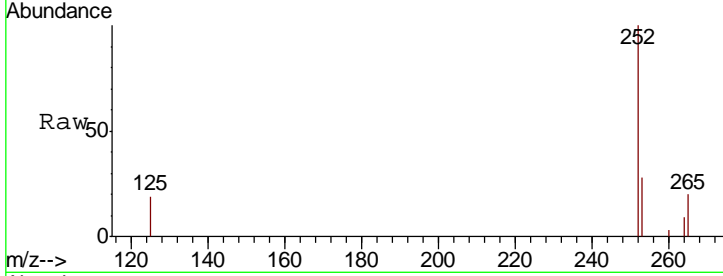
Ion	Ratio	Lower	Upper
252	100		
253	30.2	23.4	35.2
125	17.0	11.1	16.7#





#23
 Benzo(a)pyrene
 Concen: 0.484 ng/ul
 RT: 23.04 min Scan# 4763
 Delta R.T. 0.00 min
 Lab File: BN012948.D
 Acq: 07 Dec 2020 20:31

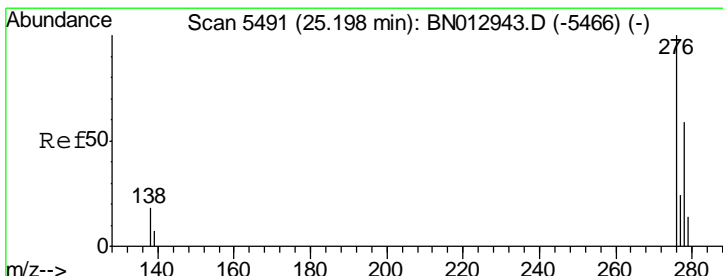
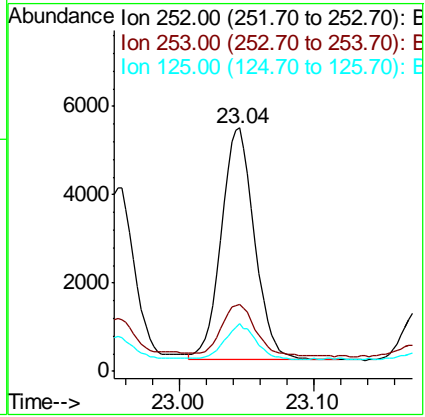
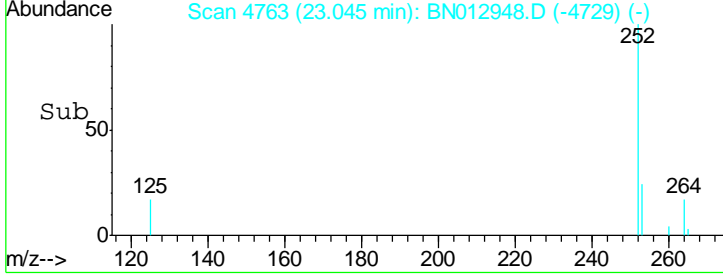
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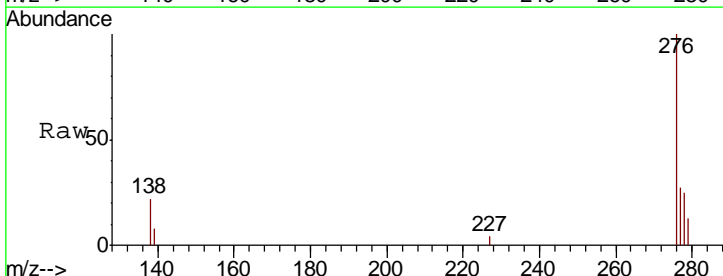
Tgt Ion: 252 Resp: 9148

Ion	Ratio	Lower	Upper
252	100		
253	27.5	26.5	39.7
125	19.4	14.2	21.2

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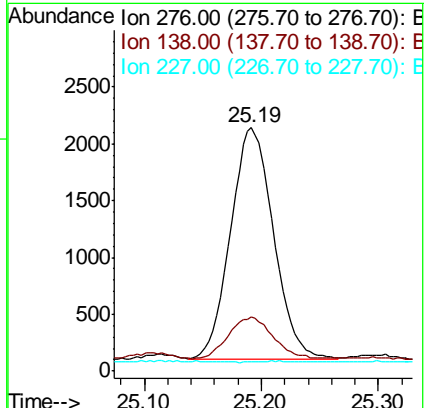
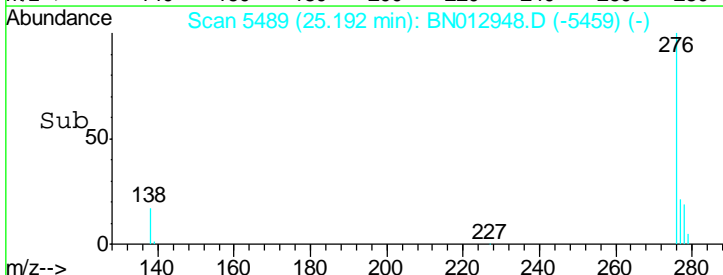


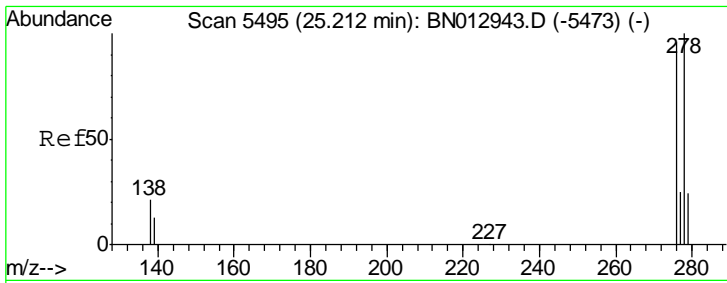
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.208 ng/ul
 RT: 25.19 min Scan# 5489
 Delta R.T. 0.00 min
 Lab File: BN012948.D
 Acq: 07 Dec 2020 20:31



Tgt Ion: 276 Resp: 5155

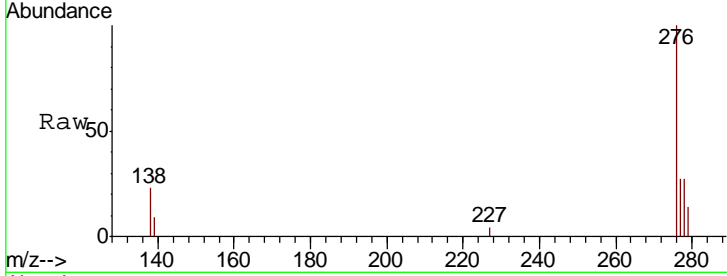
Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.2	24.2
227	0.1	0.0	0.0#





#25
 Dibenzo(a,h)anthracene
 Concen: 0.073 ng/ul
 RT: 25.20 min Scan# 5490
 Delta R.T. -0.01 min
 Lab File: BN012948.D
 Acq: 07 Dec 2020 20:31

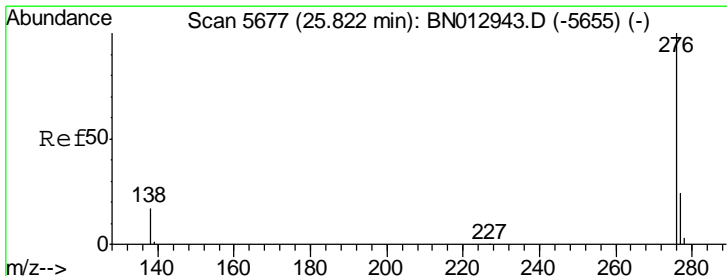
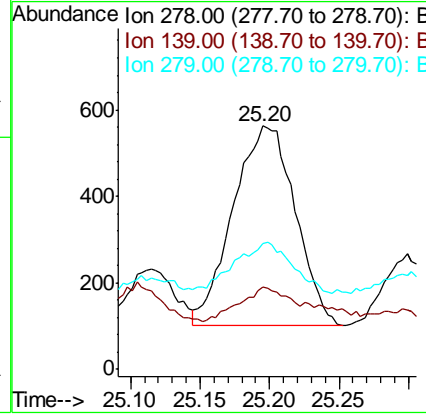
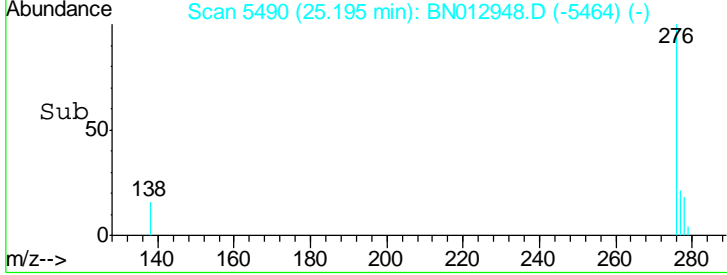
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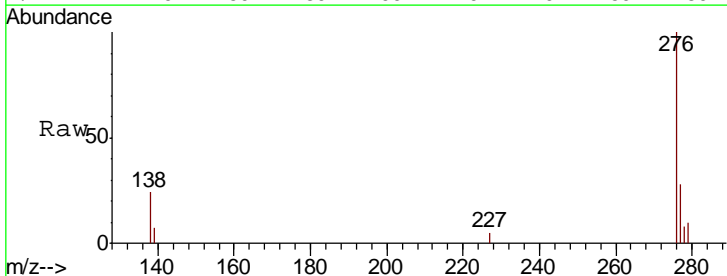
Tgt Ion	Resp	Lower	Upper
278	1431		
278	100		
139	33.6	14.5	21.7#
279	51.5	26.3	39.5#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.199 ng/ul
 RT: 25.82 min Scan# 5676
 Delta R.T. -0.00 min
 Lab File: BN012948.D
 Acq: 07 Dec 2020 20:31



Tgt Ion	Resp	Lower	Upper
276	4480		
276	100		
138	24.2	16.3	24.5
277	28.2	21.8	32.6

