

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012962.D
 Acq On : 08 Dec 2020 05:32
 Operator : CG/JU
 Sample : L4862-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BH2

Manual Integrations
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Quant Time: Dec 08 07:04:11 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 06:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	981	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	3966	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2395	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4958m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4346	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4228	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2969	0.50	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	6410	0.47	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	354	0.031	ng/ul#	70
5) 2-Methylnaphthalene	11.84	142	239	0.032	ng/ul	98
7) Acenaphthylene	13.77	152	315	0.028	ng/ul#	64
12) Phenanthrene	16.85	178	4494	0.270	ng/ul	99
13) Anthracene	16.94	178	681	0.048	ng/ul#	86
15) Fluoranthene	18.88	202	16374	0.829	ng/ul	98
17) Pyrene	19.25	202	16376	0.798	ng/ul	99
18) Benzo(a)anthracene	21.02	228	9351	0.520	ng/ul	99
19) Chrysene	21.07	228	11809	0.594	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	16948m	0.866	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	6105m	0.282	ng/ul	
23) Benzo(a)pyrene	23.04	252	10459m	0.576	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	6742	0.283	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.19	278	1801	0.096	ng/ul#	78
26) Benzo(g,h,i)perylene	25.82	276	6730	0.312	ng/ul	98

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

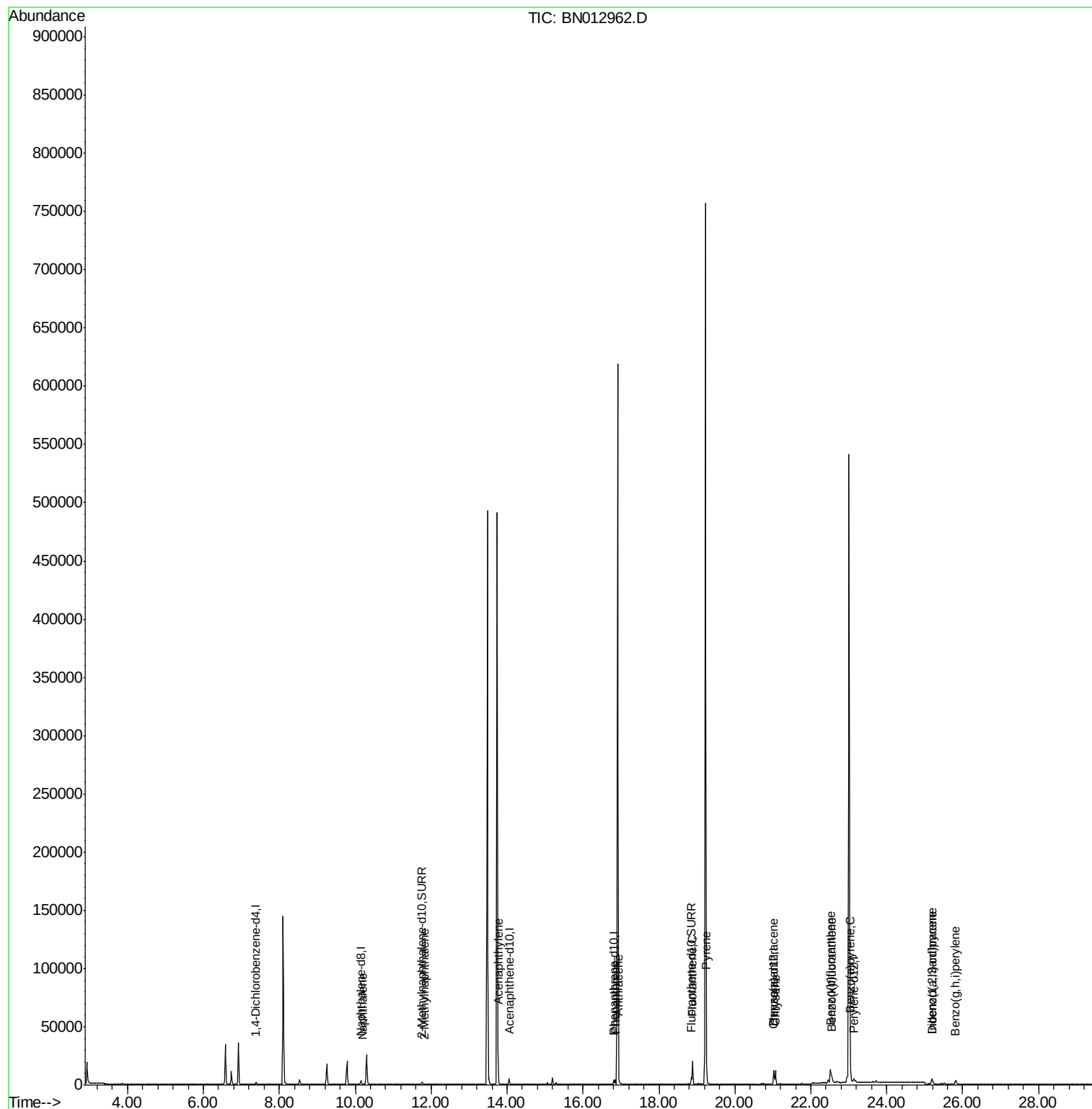
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012962.D
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Sample : L4862-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

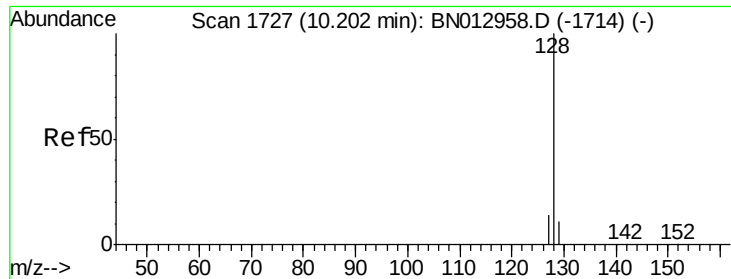
Instrument :
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Quant Time: Dec 08 07:04:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Tue Dec 08 06:48:20 2020
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#3

Naphthalene

Concen: 0.031 ng/ul

RT: 10.20 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BN012962.D

Acq: 08 Dec 2020 05:32

Instrument :

BNA_N

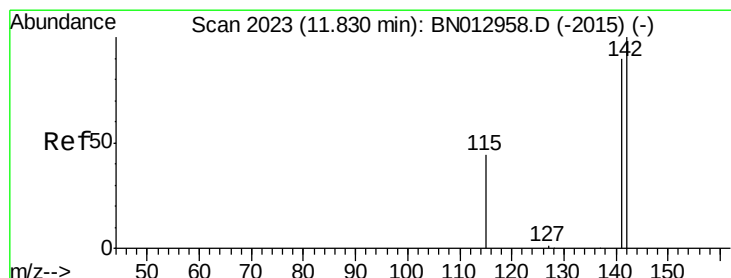
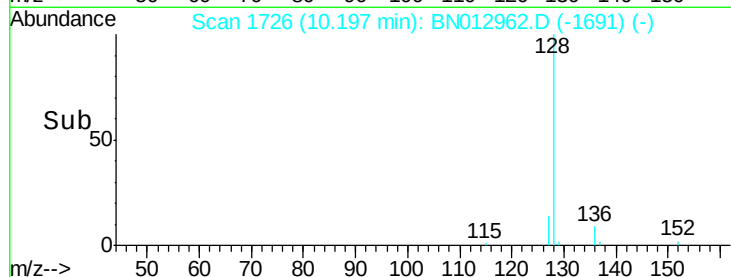
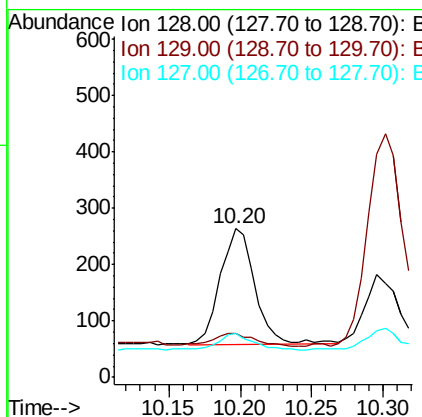
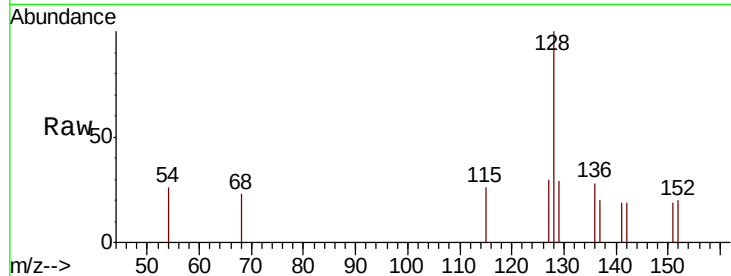
ClientSampled :

C0BH2

Tot Ion:	128	Resp:	354
Ion Ratio	Lower	Upper	
128	100		
129	29.2	12.3	18.5#
127	29.5	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

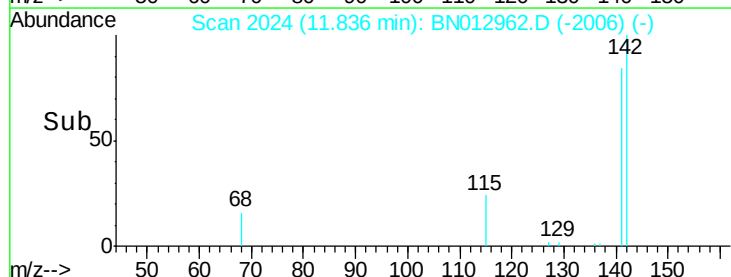
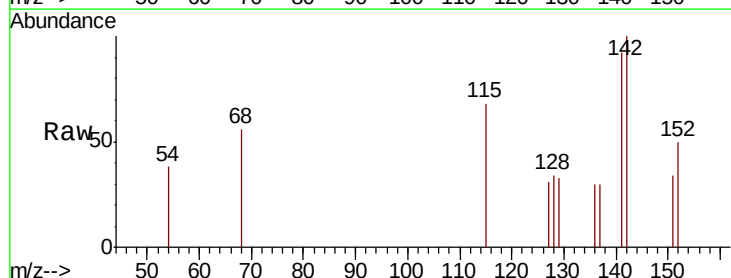
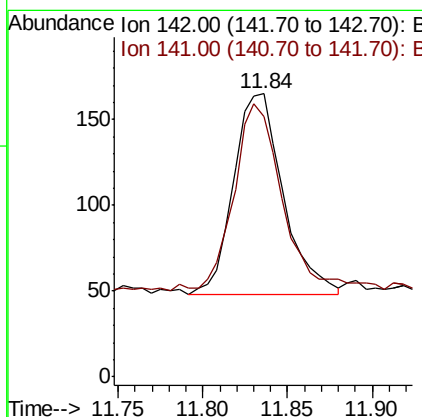
RT: 11.84 min Scan# 2024

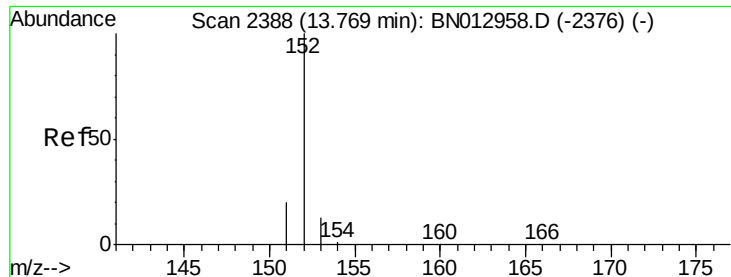
Delta R.T. -0.00 min

Lab File: BN012962.D

Acq: 08 Dec 2020 05:32

Tgt Ion:	142	Resp:	239
Ion Ratio	Lower	Upper	
142	100		
141	92.9	73.0	109.6





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BN012962.D

Acq: 08 Dec 2020 05:32

Instrument :

BNA_N

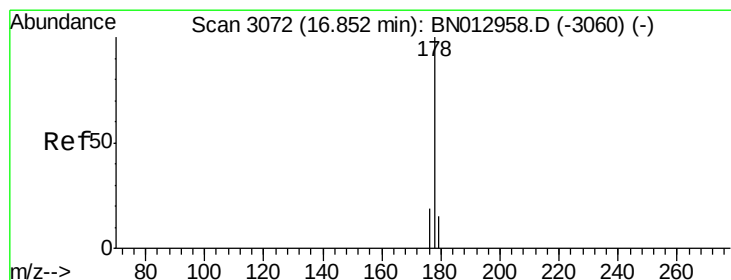
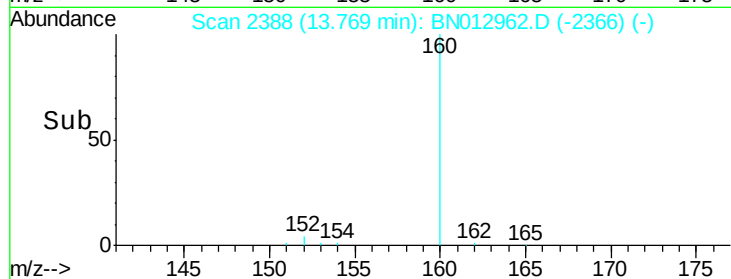
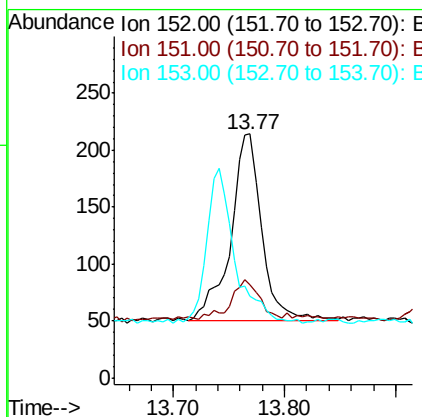
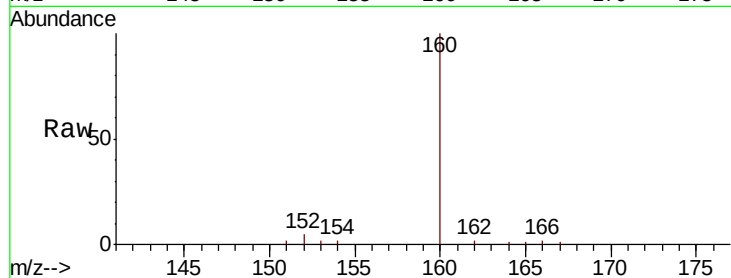
ClientSampleId :

C0BH2

Tot Ion:	152	Resp:	315
Ion Ratio	Lower	Upper	
152	100		
151	38.3	18.2	27.4#
153	33.6	13.1	19.7#

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#12

Phenanthrene

Concen: 0.270 ng/ul

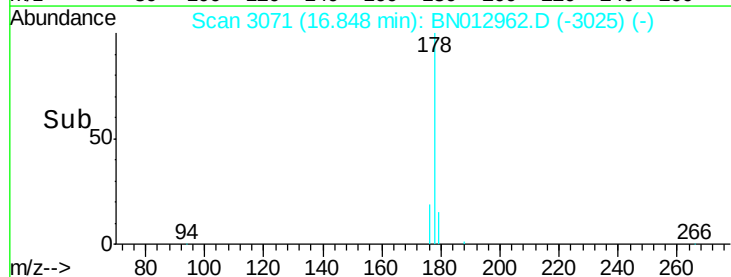
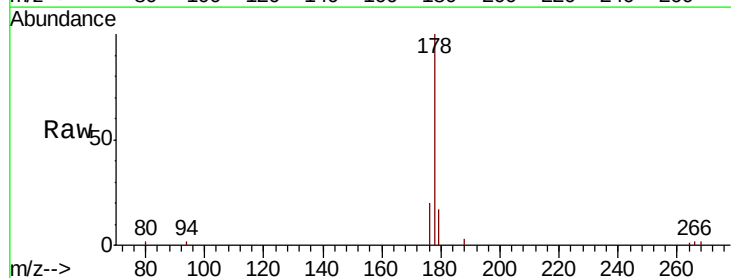
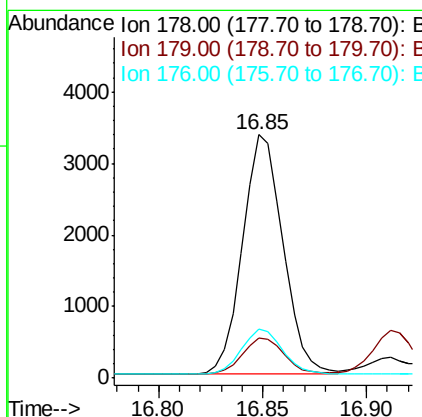
RT: 16.85 min Scan# 3071

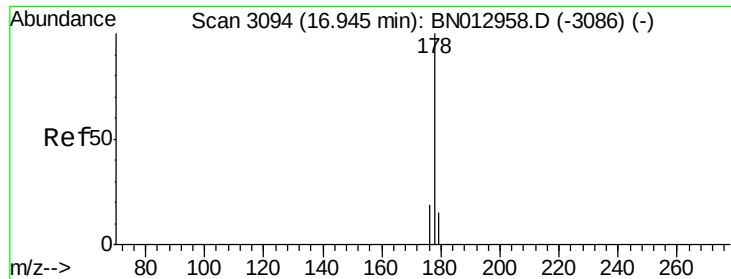
Delta R.T. -0.00 min

Lab File: BN012962.D

Acq: 08 Dec 2020 05:32

Tgt Ion:	178	Resp:	4494
Ion Ratio	Lower	Upper	
178	100		
179	16.7	13.6	20.4
176	20.3	16.4	24.6





#13

Anthracene

Concen: 0.048 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN012962.D

Acq: 08 Dec 2020 05:32

Instrument :

BNA_N

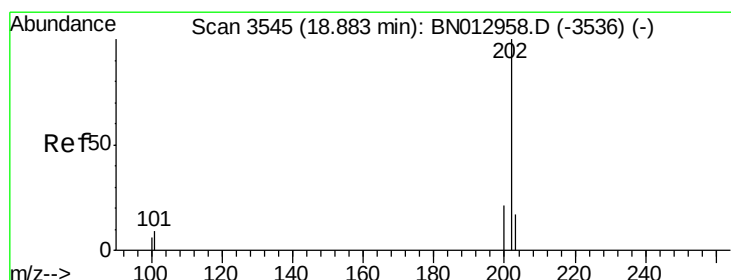
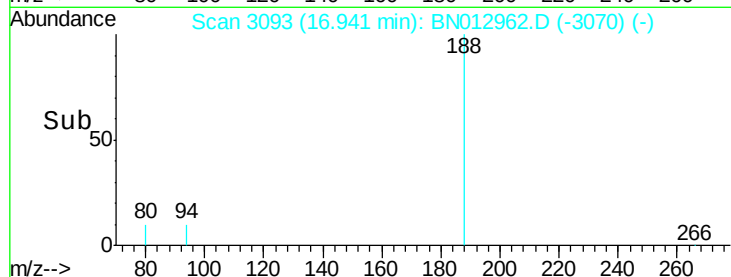
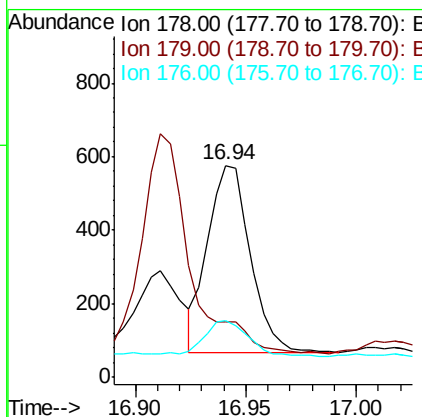
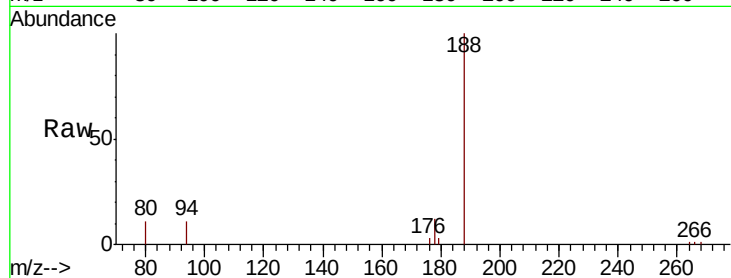
ClientSampleId :

C0BH2

Tot Ion:	178	Resp:	681
Ion Ratio	Lower	Upper	
178	100		
179	25.9	14.6	21.8#
176	26.7	17.1	25.7#

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#15

Fluoranthene

Concen: 0.829 ng/ul

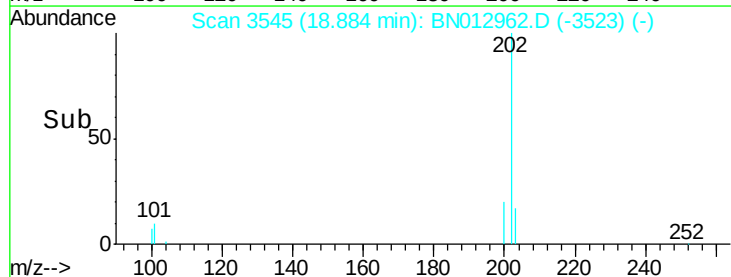
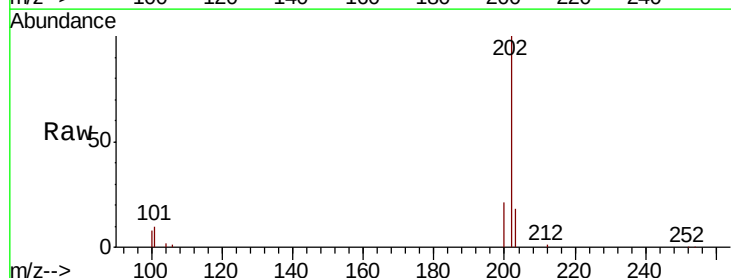
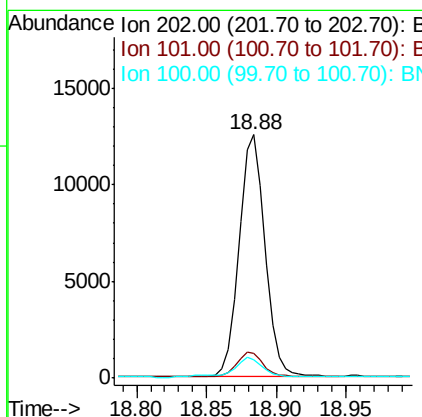
RT: 18.88 min Scan# 3545

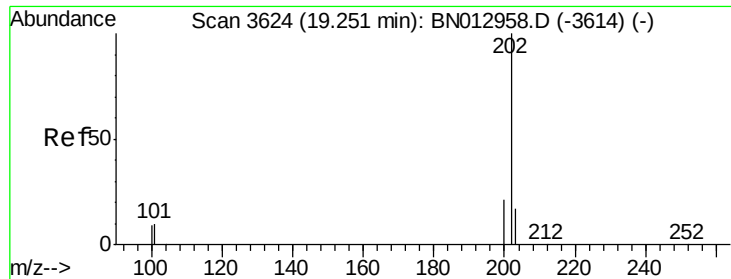
Delta R.T. -0.00 min

Lab File: BN012962.D

Acq: 08 Dec 2020 05:32

Tgt Ion:	202	Resp:	16374
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	30.6
100	7.7	0.0	28.7





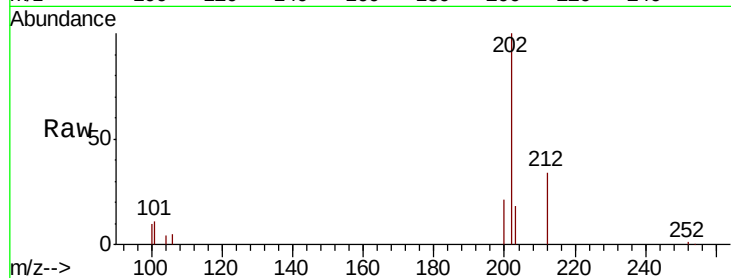
#17
 Pvrene
 Concen: 0.798 ng/ul
 RT: 19.25 min Scan# 3624
 Delta R.T. -0.00 min
 Lab File: BN012962.D
 Acq: 08 Dec 2020 05:32

Instrument :
 BNA_N
 ClientSampleId :
 C0BH2

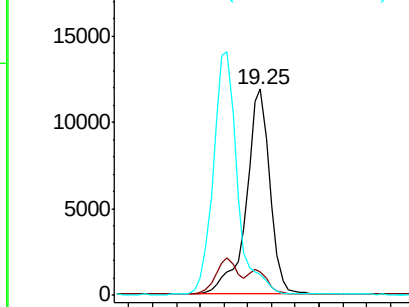
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	9.1	13.7
100	10.2	7.5	11.3

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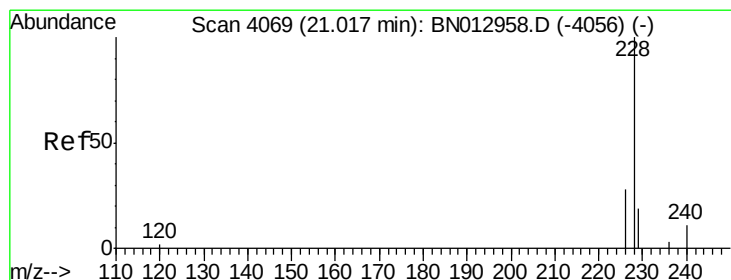
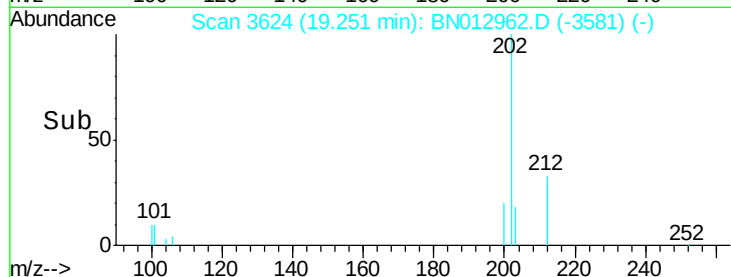
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Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



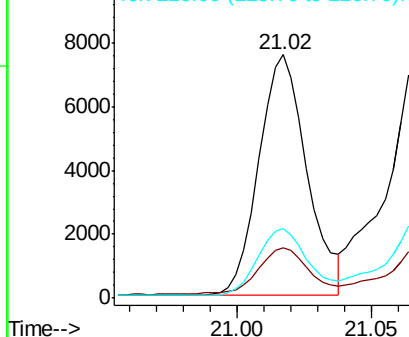
Time-->



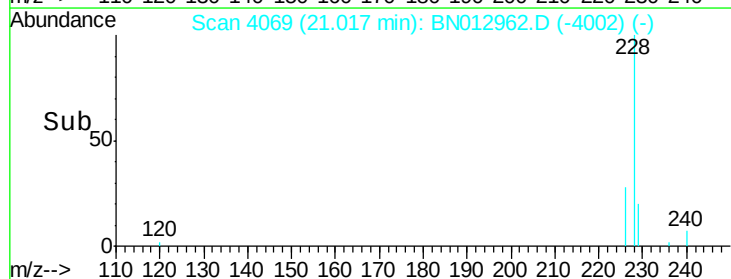
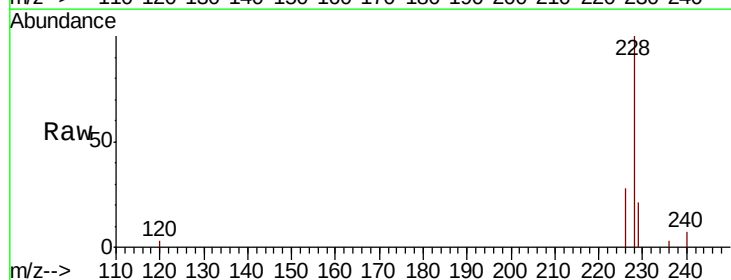
#18
 Benzo(a)anthracene
 Concen: 0.520 ng/ul
 RT: 21.02 min Scan# 4069
 Delta R.T. -0.00 min
 Lab File: BN012962.D
 Acq: 08 Dec 2020 05:32

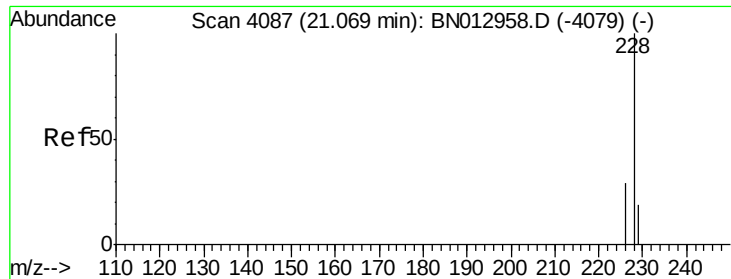
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	16.3	24.5
226	28.5	23.4	35.2

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E



Time-->





#19

Chrysene

Concen: 0.594 ng/ul

RT: 21.07 min Scan# 4086

Delta R.T. -0.01 min

Lab File: BN012962.D

Acq: 08 Dec 2020 05:32

Instrument :

BNA_N

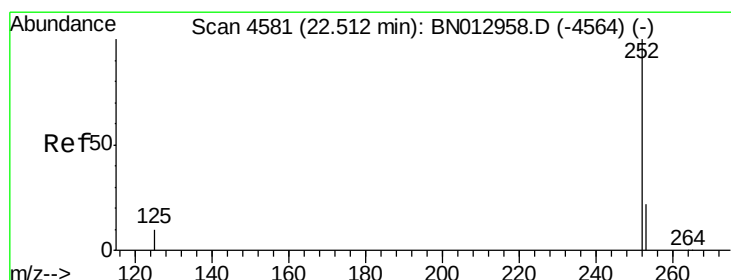
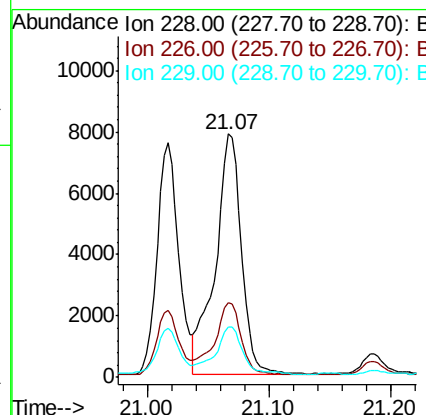
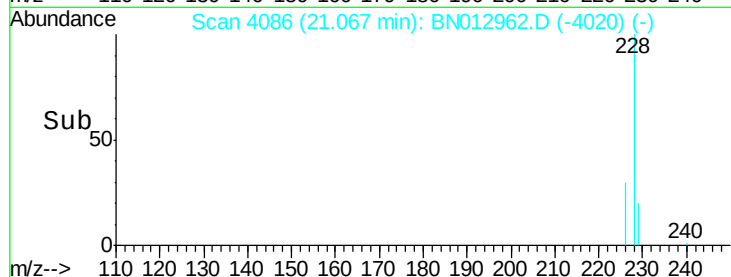
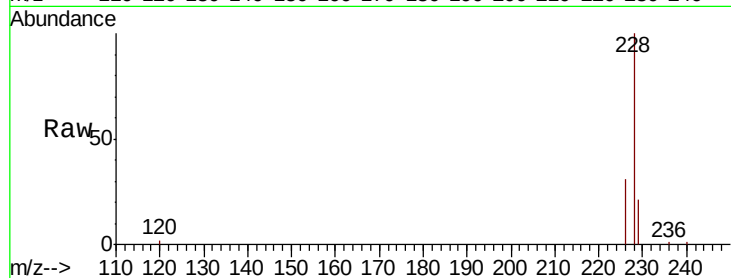
ClientSampled :

C0BH2

Tot Ion:228	Resp:	11809
Ion Ratio	Lower	Upper
228 100		
226 30.6	25.0	37.6
229 20.8	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 0.866 ng/ul m

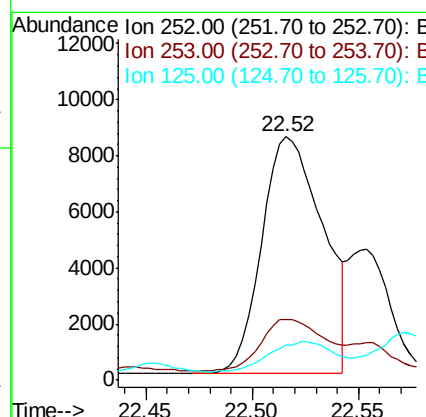
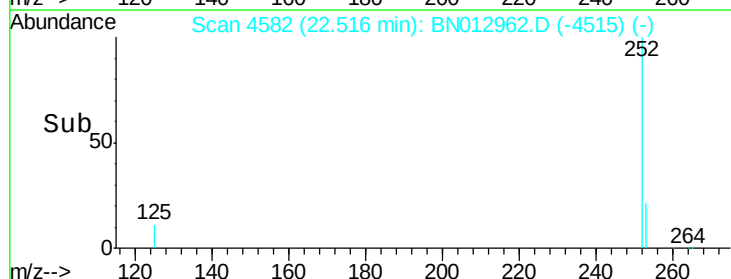
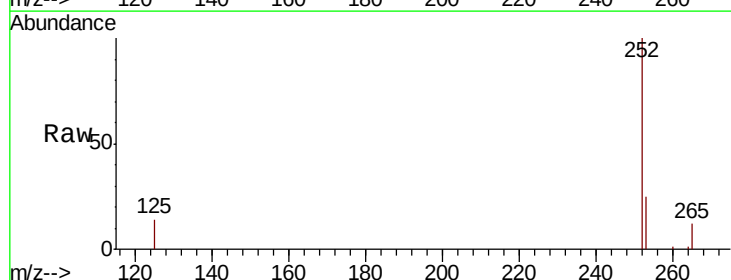
RT: 22.52 min Scan# 4582

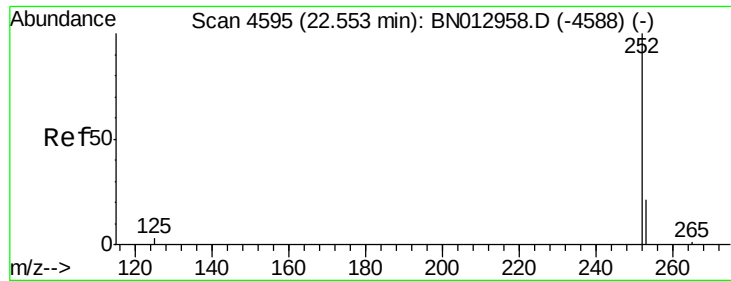
Delta R.T. -0.00 min

Lab File: BN012962.D

Acq: 08 Dec 2020 05:32

Tgt Ion:252	Resp:	16948
Ion Ratio	Lower	Upper
252 100		
253 24.8	0.0	59.6
125 14.2	0.0	26.0





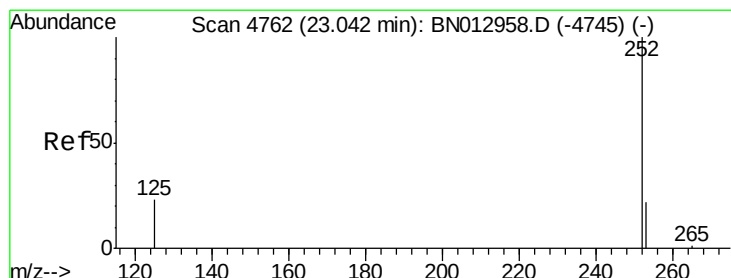
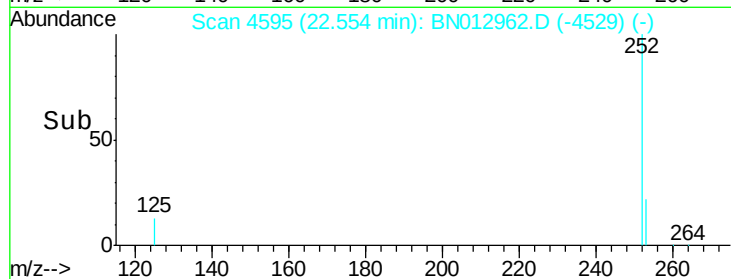
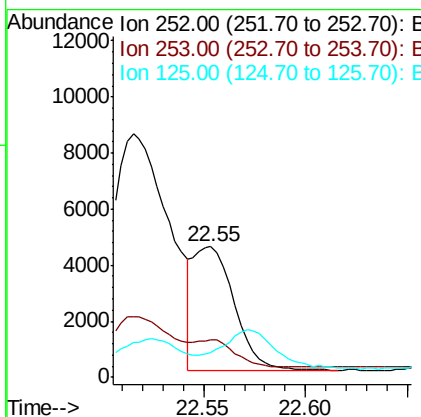
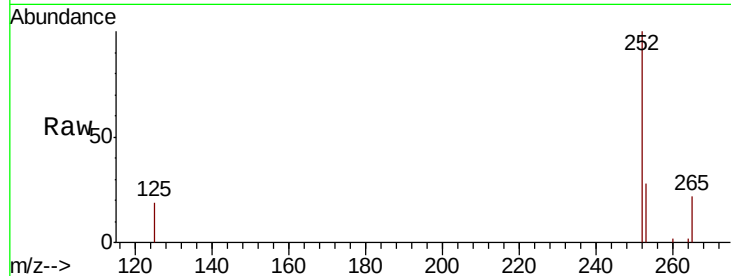
#22
Benzo(k)fluoranthene
Concen: 0.282 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BN012962.D
Acq: 08 Dec 2020 05:32

Instrument :
BNA_N
ClientSampleId :
C0BH2

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	23.4	35.2
125	19.1	11.1	16.7

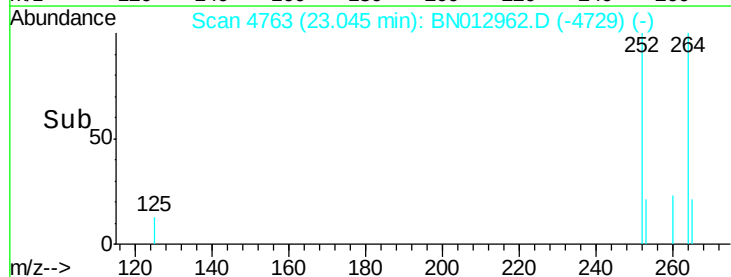
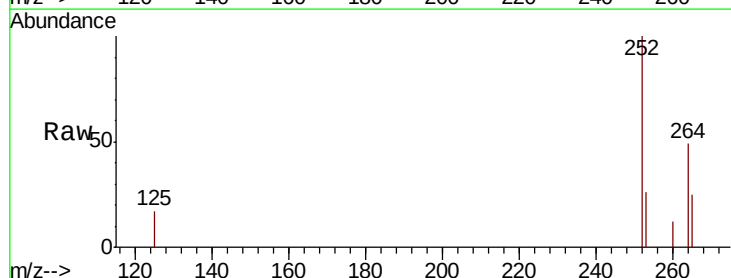
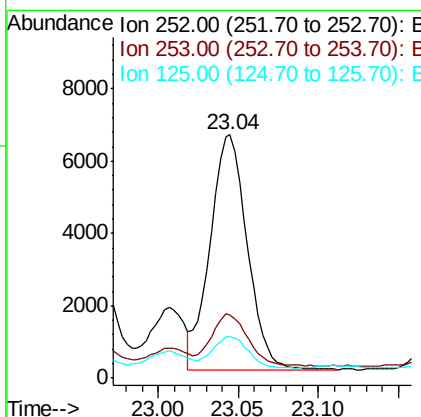
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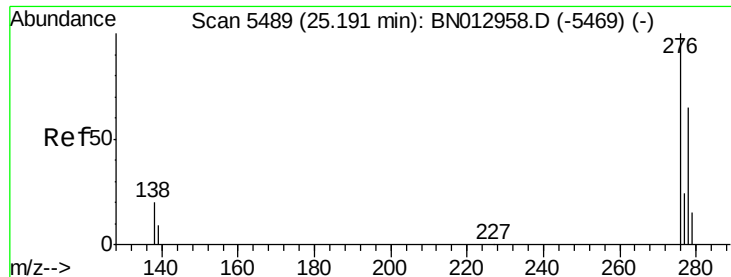
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#23
Benzo(a)pyrene
Concen: 0.576 ng/ul m
RT: 23.04 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN012962.D
Acq: 08 Dec 2020 05:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	26.5	39.7
125	17.1	14.2	21.2





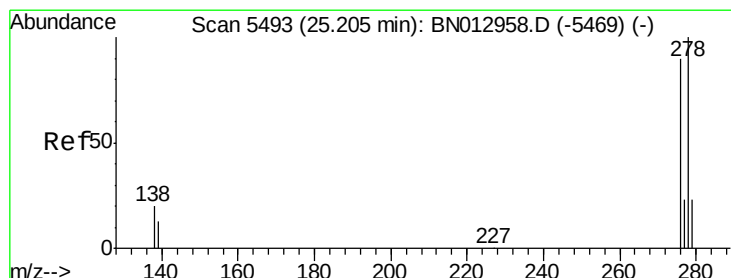
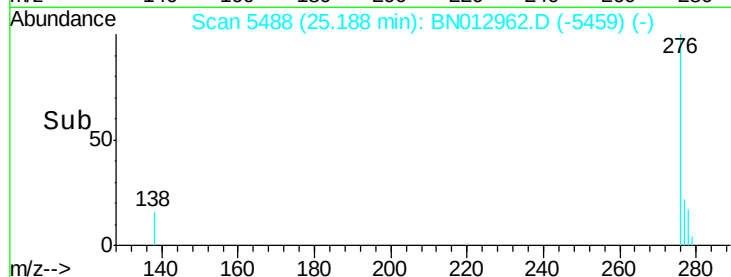
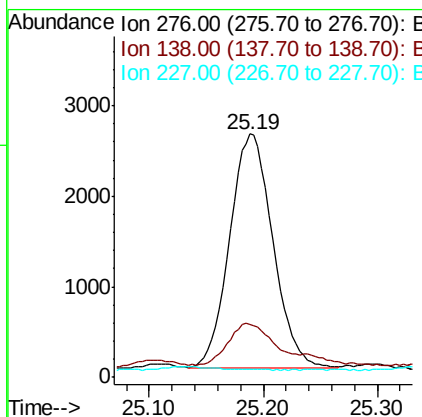
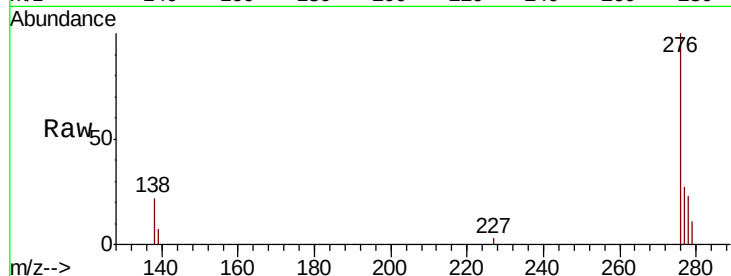
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN012962.D
Acq: 08 Dec 2020 05:32

Instrument :
BNA_N
ClientSampleId :
C0BH2

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	16.2	24.2
227	0.2	0.0	0.0

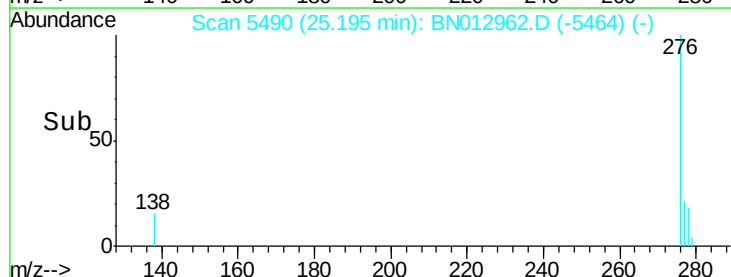
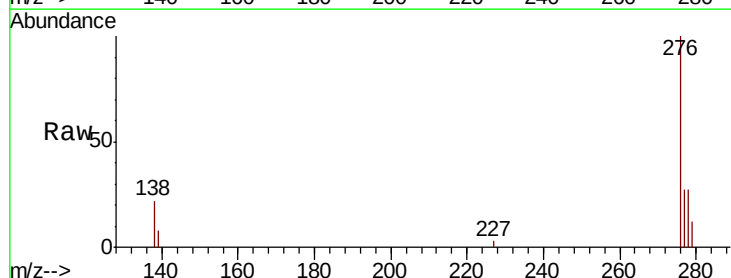
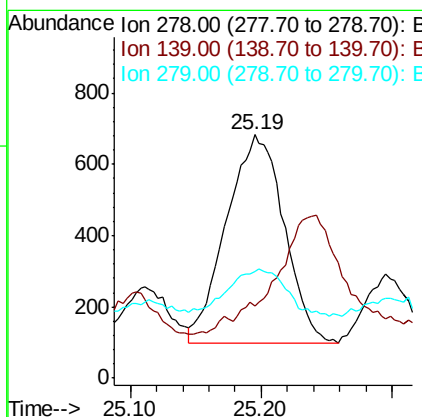
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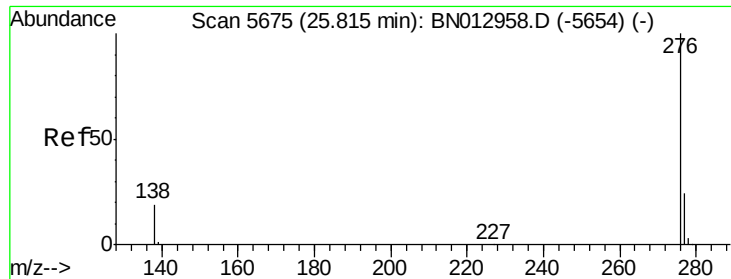
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#25
Dibenzo(a,h)anthracene
Concen: 0.096 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN012962.D
Acq: 08 Dec 2020 05:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.7	14.5	21.7
279	43.6	26.3	39.5





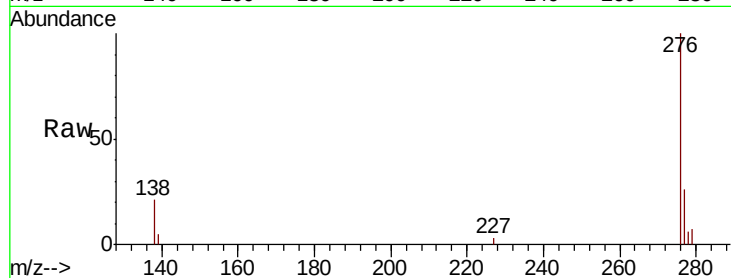
#26
 Benzo(a,h,i)perylene
 Concen: 0.312 ng/ul
 RT: 25.82 min Scan# 5675
 Delta R.T. -0.01 min
 Lab File: BN012962.D
 Acq: 08 Dec 2020 05:32

Instrument :
 BNA_N
 ClientSampleId :
 C0BH2

Tot Ion:	276	Resp:	6730
Ion Ratio	Lower	Upper	
276	100		
138	21.4	16.3	24.5
277	25.8	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:23:25 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

