

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012872.D
 Acq On : 04 Dec 2020 11:53
 Operator : CG/JU
 Sample : L4865-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B06

Manual Integrations
 APPROVED

mohammad
 12/7/2020 8:52:15 AM

Quant Time: Dec 04 12:26:46 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 : Fri Dec 04 10:02:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	653	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	2640	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	1522	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	3256	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	2951	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	2922	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.77	152	557	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	1309	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.21	128	530	0.069	ng/ul#	83
5) 2-Methylnaphthalene	11.85	142	334	0.067	ng/ul	98
7) Acenaphthylene	13.77	152	1261	0.175	ng/ul	95
8) Acenaphthene	14.13	153	420	0.071	ng/ul	96
9) Fluorene	15.12	166	935	0.138	ng/ul#	98
12) Phenanthrene	16.86	178	40560	3.715	ng/ul	96
13) Anthracene	16.95	178	3652	0.393	ng/ul	97
15) Fluoranthene	18.89	202	113345	8.737	ng/ul	97
17) Pyrene	19.26	202	91299	6.550	ng/ul	99
18) Benzo(a)anthracene	21.02	228	38782	3.176	ng/ul	98
19) Chrysene	21.07	228	53781	3.987	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	76914m	5.690	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	26709m	1.788	ng/ul	
23) Benzo(a)pyrene	23.05	252	45751m	3.647	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	36385	2.208	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.21	278	8308	0.638	ng/ul	94
26) Benzo(a,h,i)perylene	25.83	276	32725	2.196	ng/ul	96

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

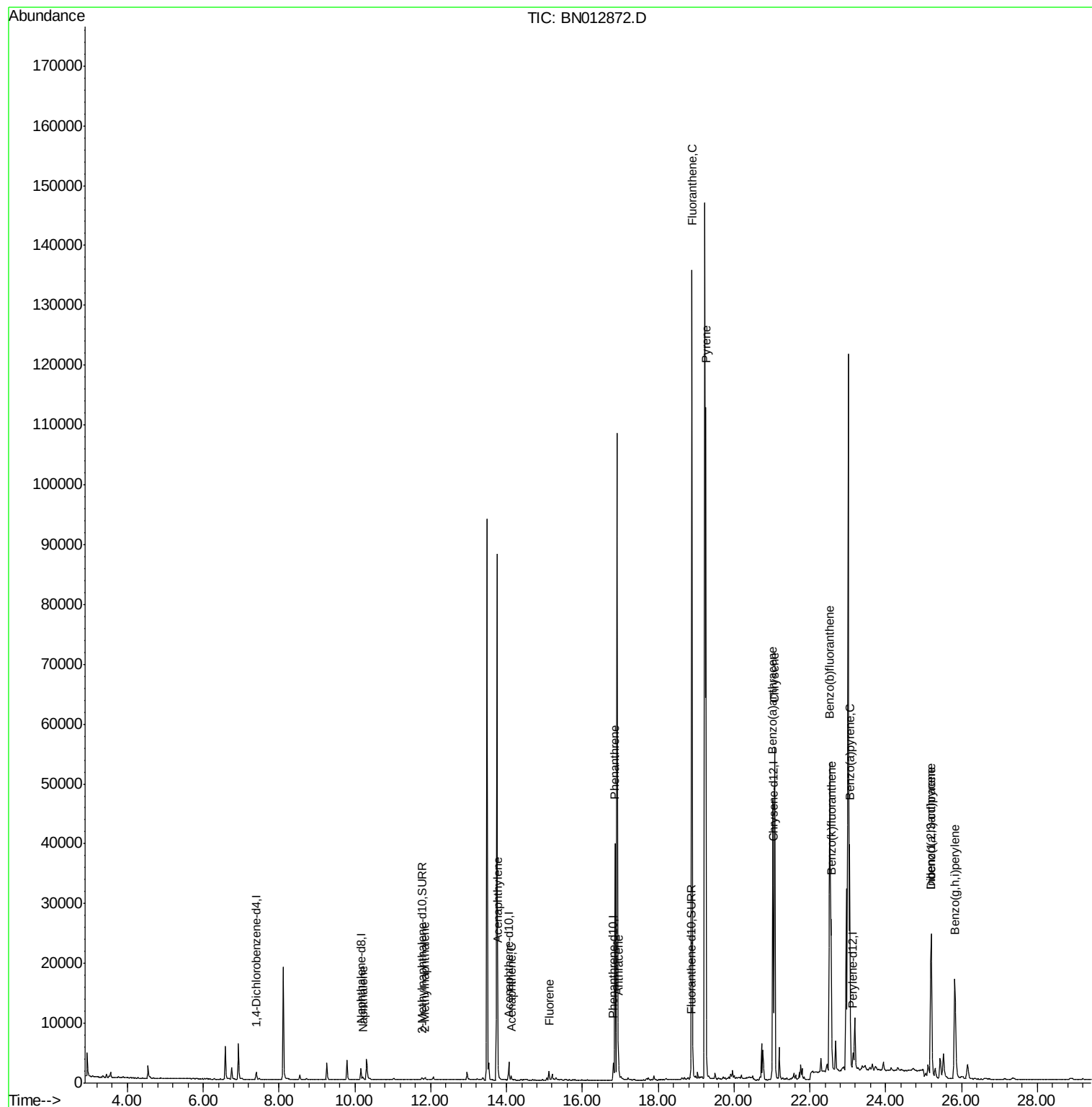
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012872.D
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ALS Vial : 32 Sample Multiplier: 1

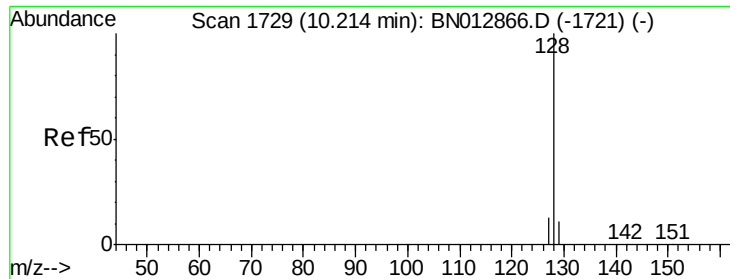
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Fri Dec 04 10:02:32 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.069 ng/ul

RT: 10.21 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BN012872.D

Acq: 04 Dec 2020 11:53

Instrument :

BNA_N

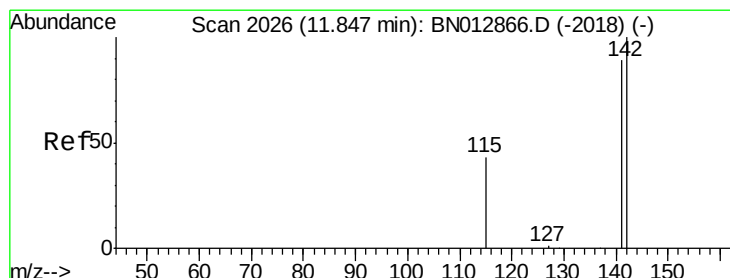
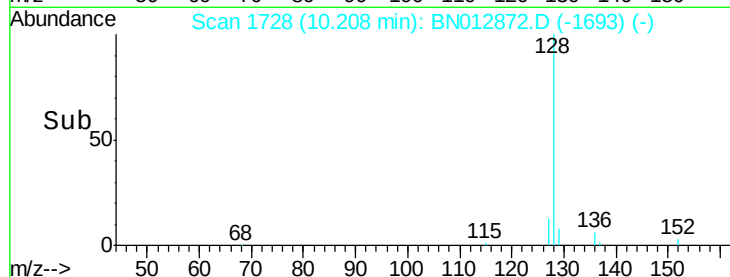
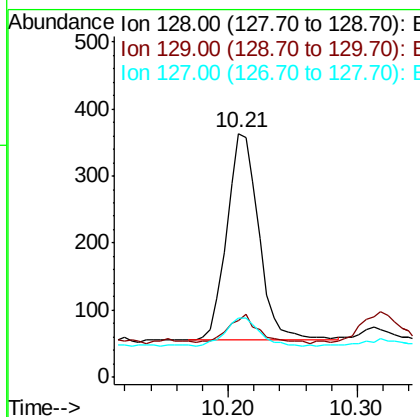
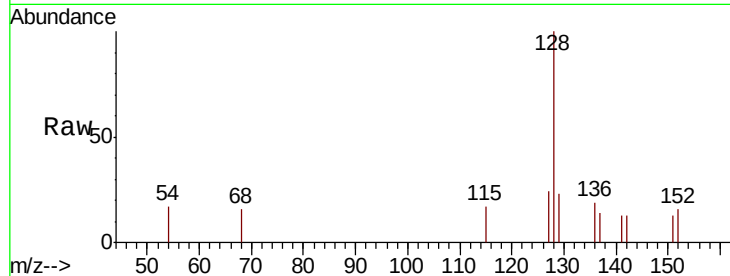
ClientSampleId :

C0B06

Tot Ion:	128	Resp:	530
Ion	Ratio	Lower	Upper
128	100		
129	23.4	12.3	18.5#
127	24.2	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 0.067 ng/ul

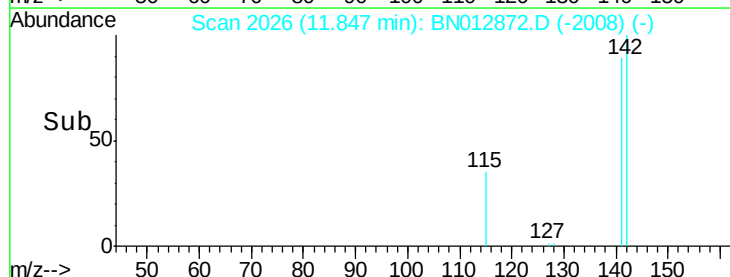
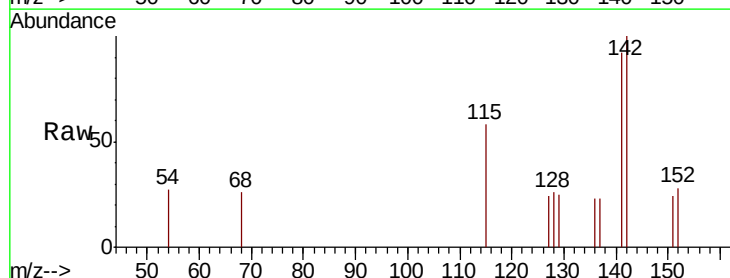
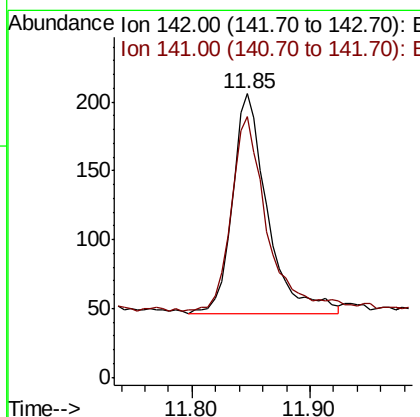
RT: 11.85 min Scan# 2026

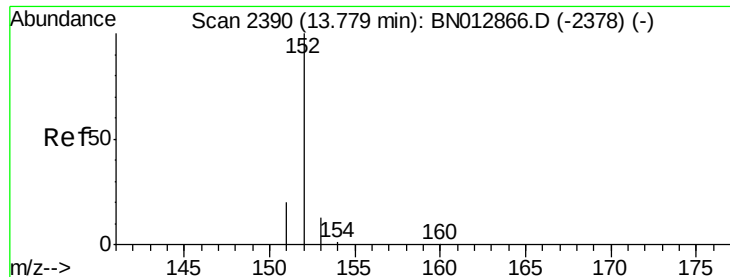
Delta R.T. -0.00 min

Lab File: BN012872.D

Acq: 04 Dec 2020 11:53

Tgt Ion:	142	Resp:	334
Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.0	109.6





#7

Acenaphthylene

Concen: 0.175 ng/ul

RT: 13.77 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN012872.D

Acq: 04 Dec 2020 11:53

Instrument :

BNA_N

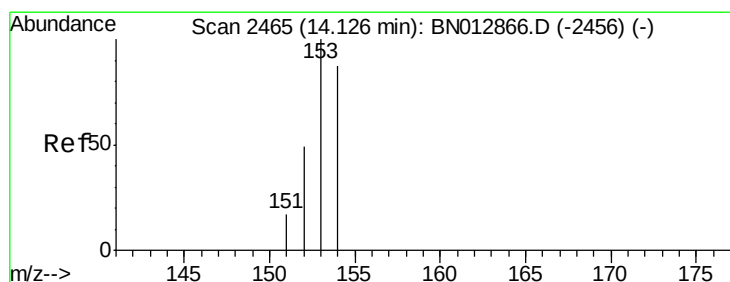
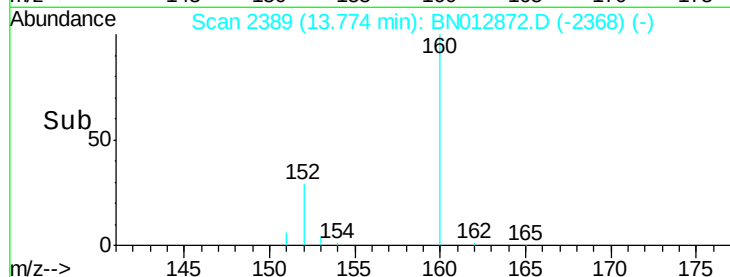
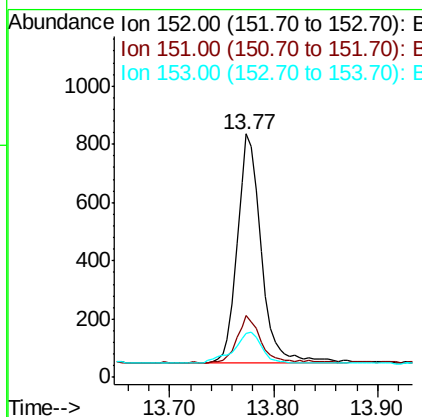
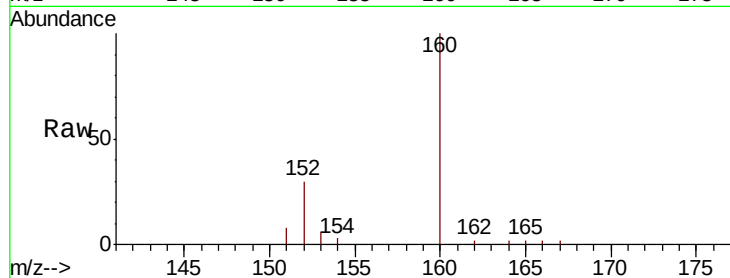
ClientSampleId :

C0B06

Tot Ion:	152	Resp:	1261
Ion Ratio	Lower	Upper	
152	100		
151	25.2	18.2	27.4
153	18.2	13.1	19.7

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#8

Acenaphthene

Concen: 0.071 ng/ul

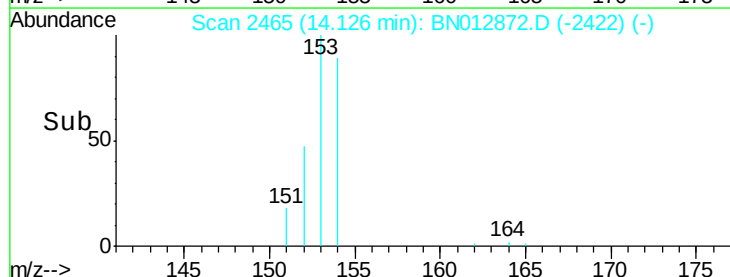
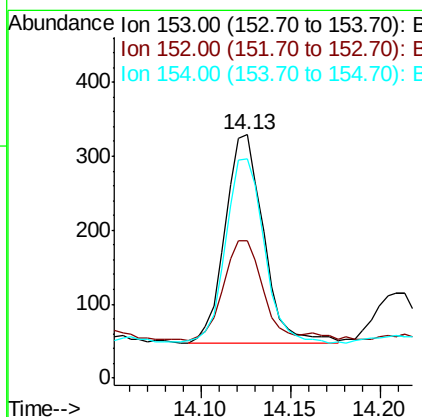
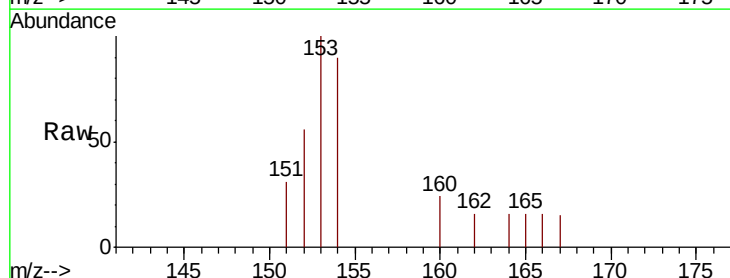
RT: 14.13 min Scan# 2465

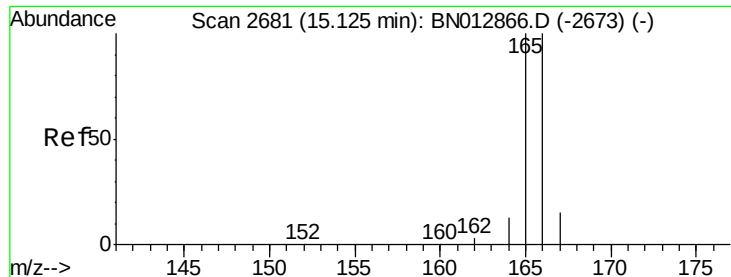
Delta R.T. -0.00 min

Lab File: BN012872.D

Acq: 04 Dec 2020 11:53

Tgt Ion:	153	Resp:	420
Ion Ratio	Lower	Upper	
153	100		
152	56.2	40.7	61.1
154	90.3	70.8	106.2





#9

Fluorene

Concen: 0.138 ng/ul

RT: 15.12 min Scan# 2680

Delta R.T. -0.00 min

Lab File: BN012872.D

Acq: 04 Dec 2020 11:53

Instrument :

BNA_N

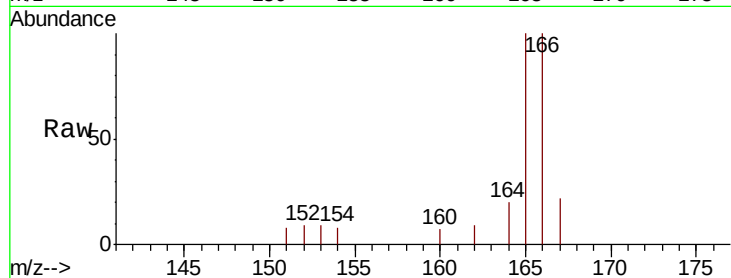
ClientSampleId :

C0B06

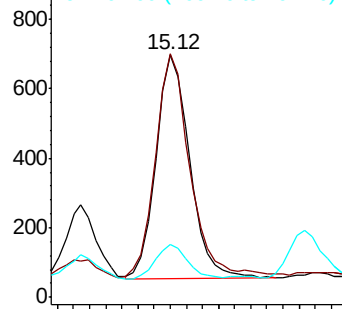
Tot Ion:	166	Resp:	935
Ion Ratio	Lower	Upper	
166	100		
165	100.4	79.8	119.8
167	21.6	13.8	20.8

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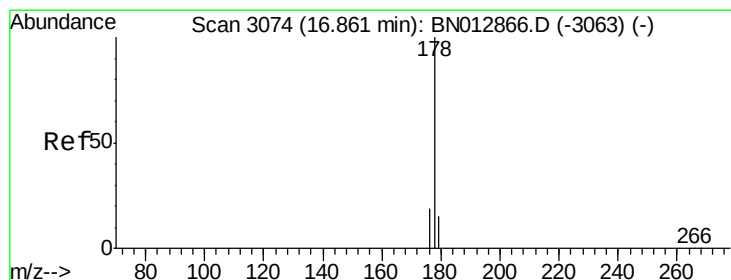
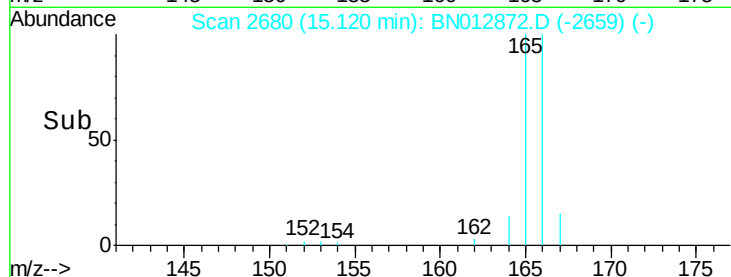
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time--> 15.05 15.10 15.15 15.20



#12

Phenanthrene

Concen: 3.715 ng/ul

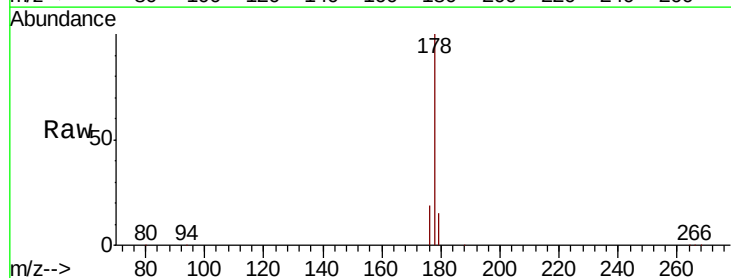
RT: 16.86 min Scan# 3073

Delta R.T. -0.00 min

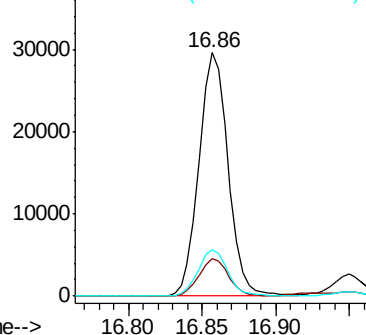
Lab File: BN012872.D

Acq: 04 Dec 2020 11:53

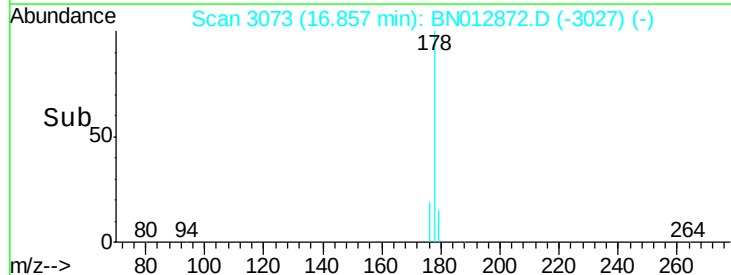
Tgt Ion:	178	Resp:	40560
Ion Ratio	Lower	Upper	
178	100		
179	15.2	13.6	20.4
176	19.0	16.4	24.6

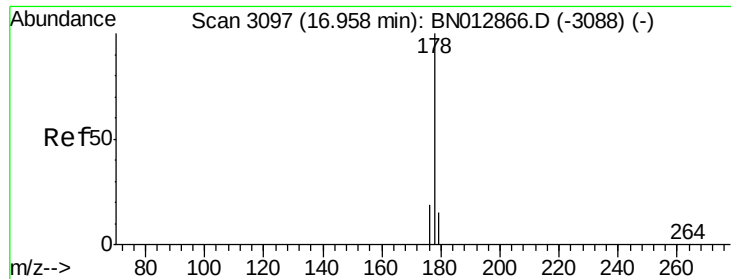


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 16.80 16.85 16.90





#13

Anthracene

Concen: 0.393 ng/ul

RT: 16.95 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN012872.D

Acq: 04 Dec 2020 11:53

Instrument :

BNA_N

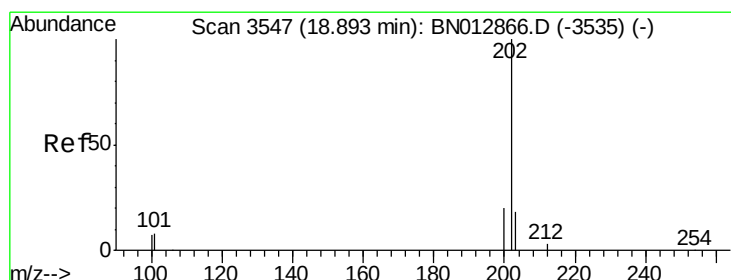
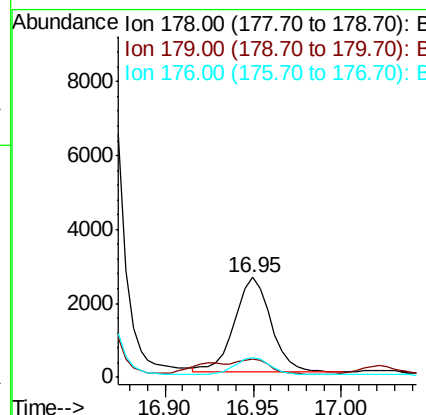
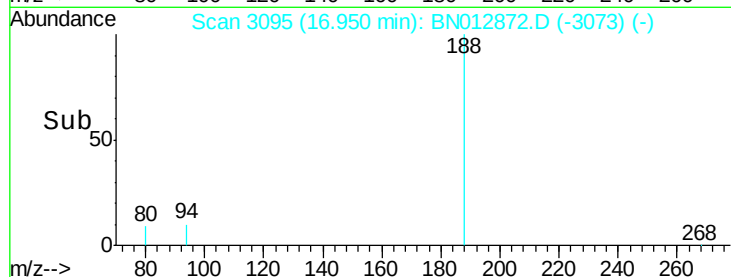
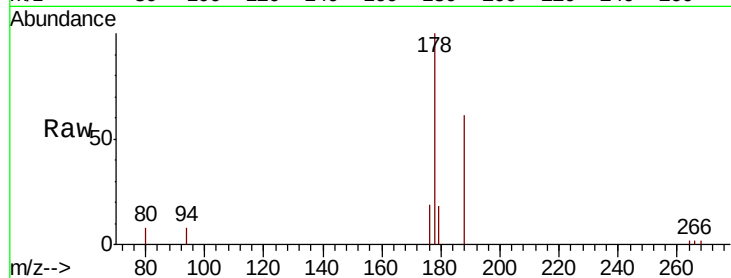
ClientSampleId :

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Tot Ion:	178	Resp:	3652
Ion Ratio	Lower	Upper	
178	100		
179	18.4	14.6	21.8
176	19.1	17.1	25.7

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#15

Fluoranthene

Concen: 8.737 ng/ul

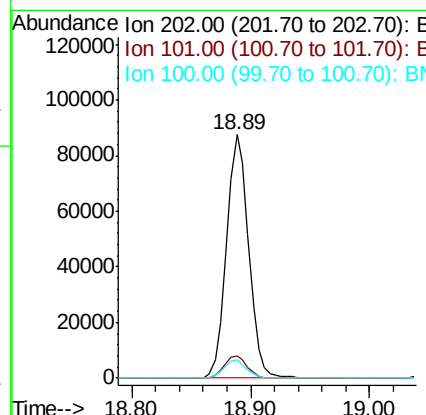
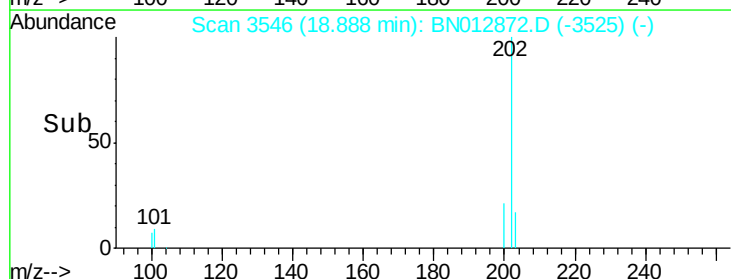
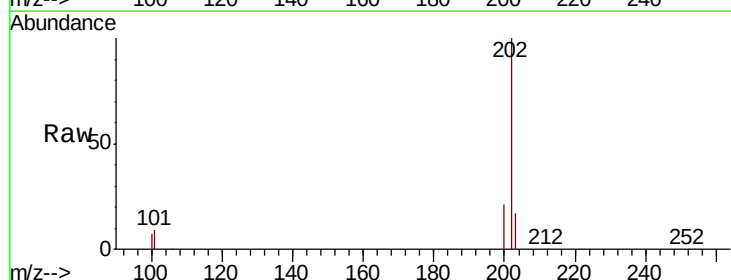
RT: 18.89 min Scan# 3546

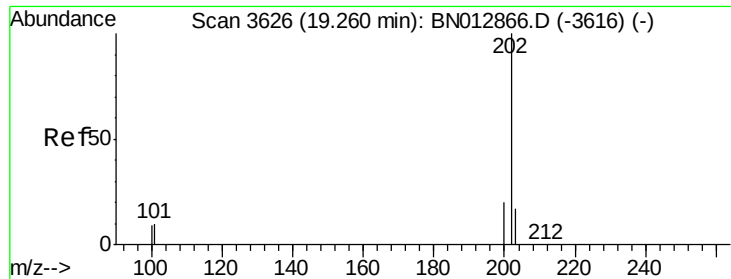
Delta R.T. -0.00 min

Lab File: BN012872.D

Acq: 04 Dec 2020 11:53

Tgt Ion:	202	Resp:	113345
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.6
100	7.4	0.0	28.7





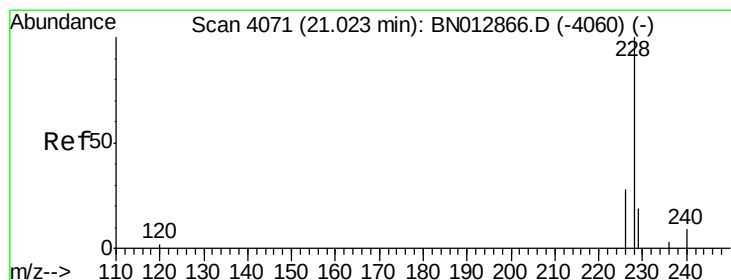
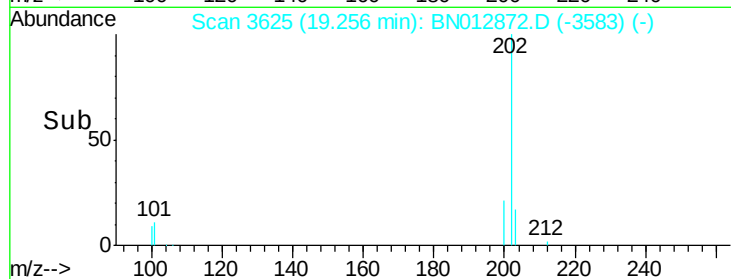
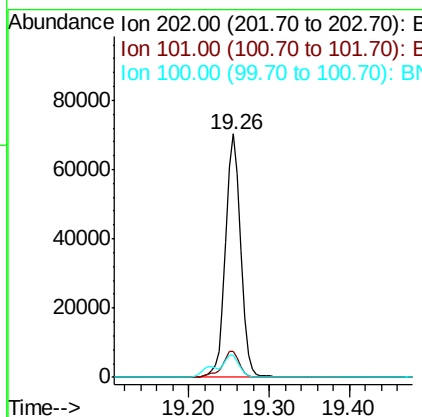
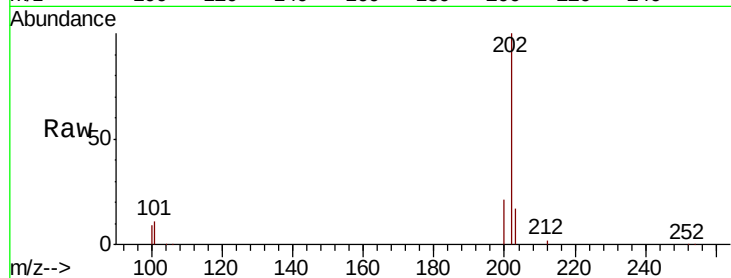
#17
Pvrene
Concen: 6.550 ng/ul
RT: 19.26 min Scan# 3625
Delta R.T. -0.00 min
Lab File: BN012872.D
Acq: 04 Dec 2020 11:53

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.1	13.7
100	9.0	7.5	11.3

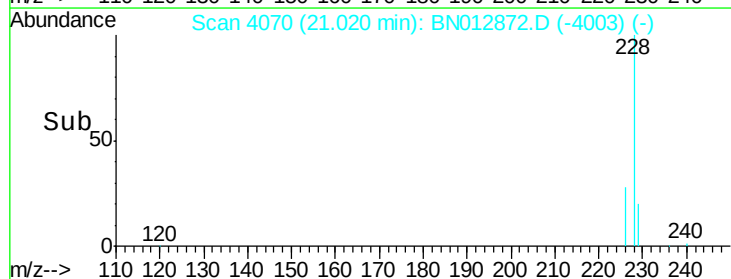
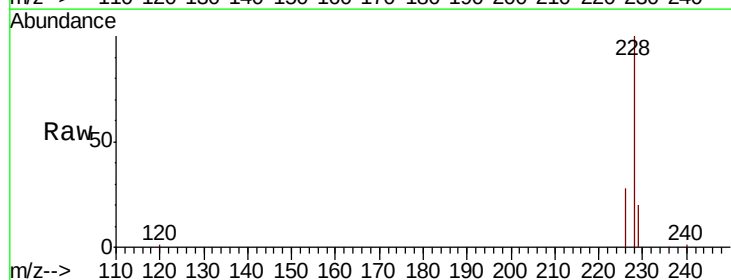
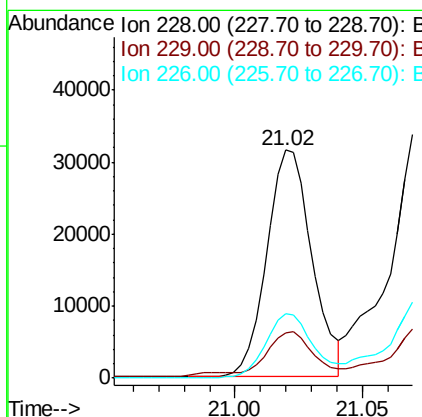
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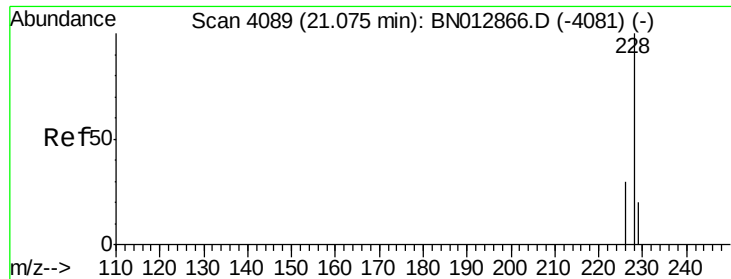
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#18
Benzo(a)anthracene
Concen: 3.176 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012872.D
Acq: 04 Dec 2020 11:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.3	24.5
226	28.2	23.4	35.2





#19

Chrysene

Concen: 3.987 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012872.D

Acq: 04 Dec 2020 11:53

Instrument :

BNA_N

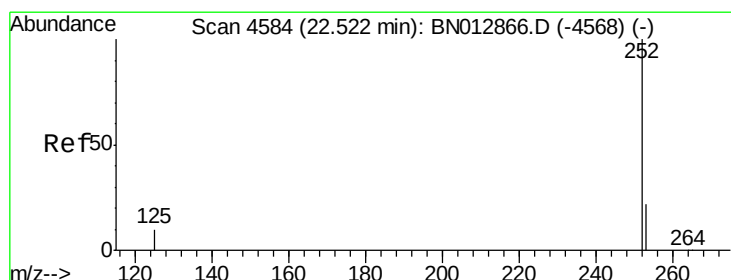
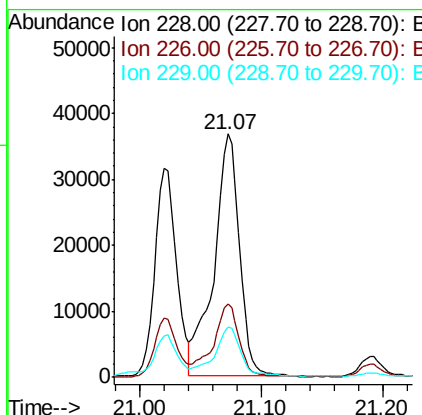
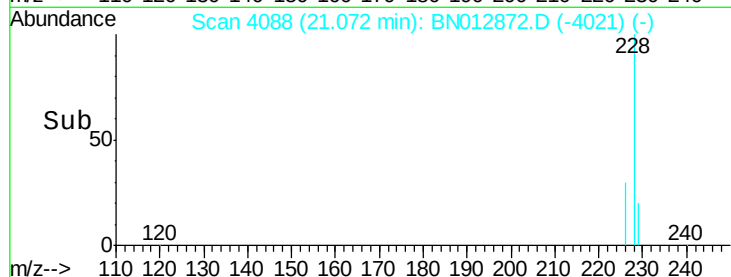
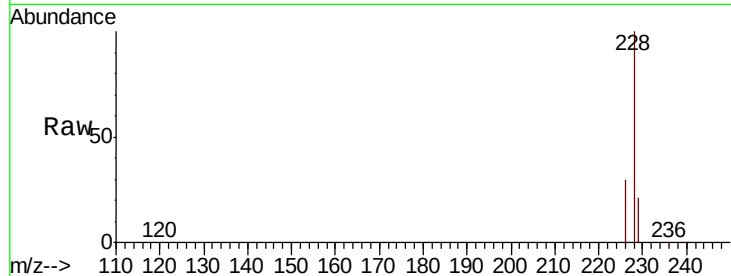
ClientSampleId :

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Tot Ion:228	Resp:	53781
Ion Ratio	Lower	Upper
228 100		
226 30.4	25.0	37.6
229 20.6	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 5.690 ng/ul m

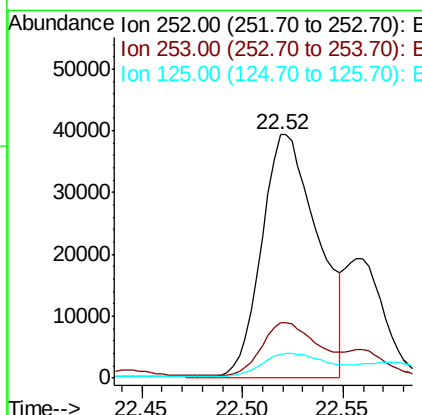
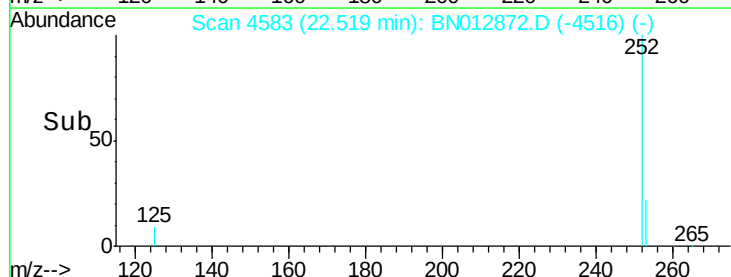
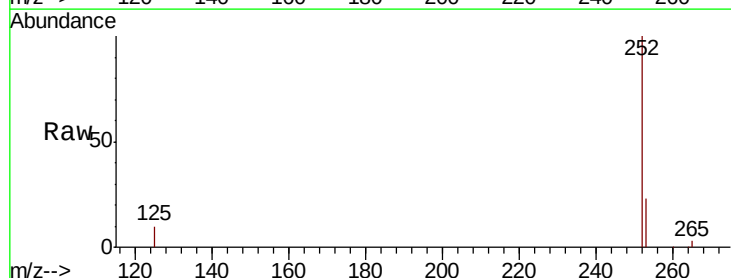
RT: 22.52 min Scan# 4583

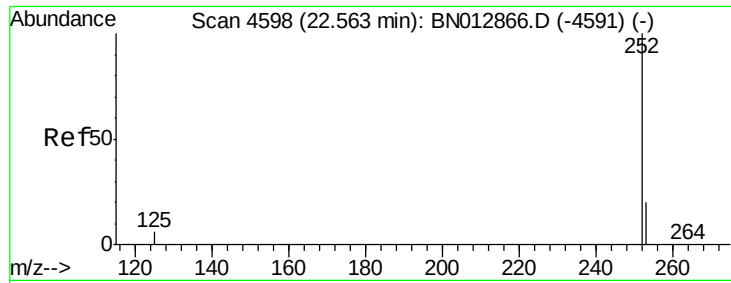
Delta R.T. -0.00 min

Lab File: BN012872.D

Acq: 04 Dec 2020 11:53

Tgt Ion:252	Resp:	76914
Ion Ratio	Lower	Upper
252 100		
253 22.9	0.0	59.6
125 9.9	0.0	26.0





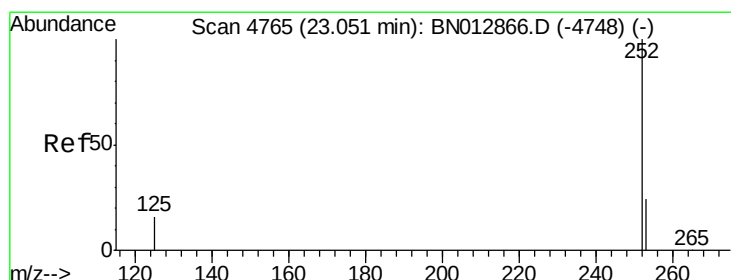
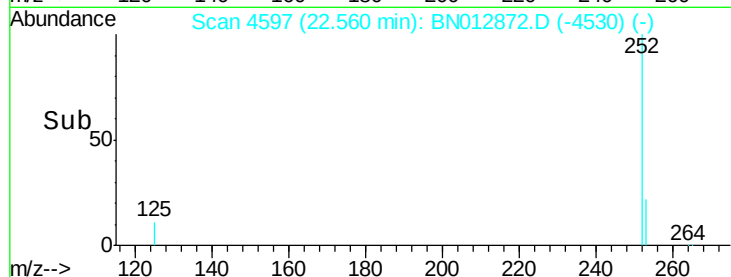
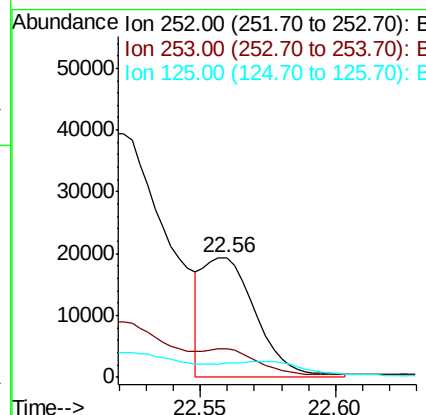
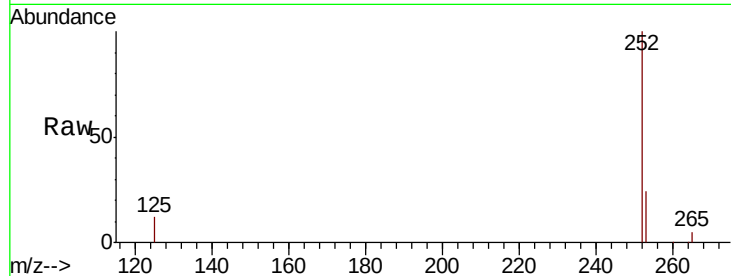
#22
Benzo(k)fluoranthene
Concen: 1.788 ng/ul m
RT: 22.56 min Scan# 4597
Delta R.T. -0.00 min
Lab File: BN012872.D
Acq: 04 Dec 2020 11:53

Instrument :
BNA_N
ClientSampleId :
C0B06

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	23.4	35.2
125	12.0	11.1	16.7

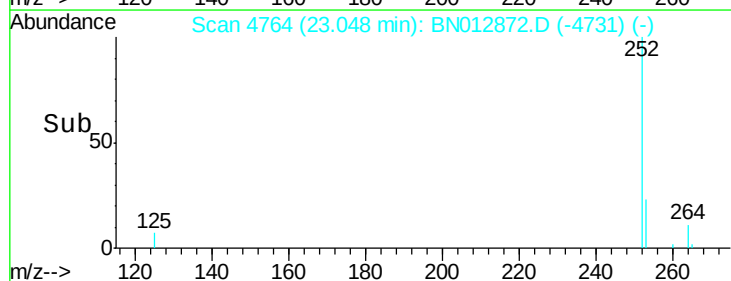
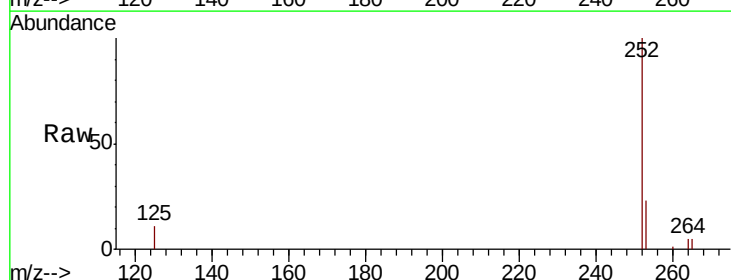
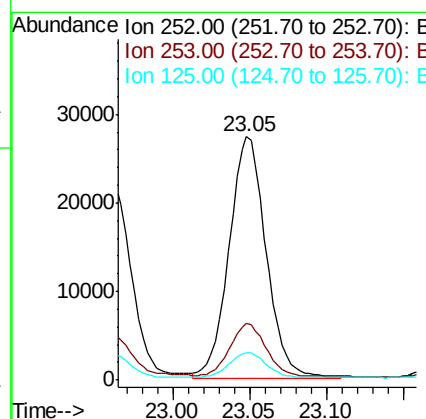
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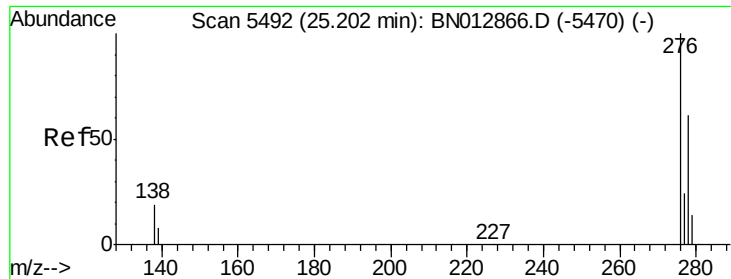
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12/7/2020 8:52:15 AM



#23
Benzo(a)pyrene
Concen: 3.647 ng/ul m
RT: 23.05 min Scan# 4764
Delta R.T. -0.00 min
Lab File: BN012872.D
Acq: 04 Dec 2020 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	26.5	39.7#
125	11.4	14.2	21.2#





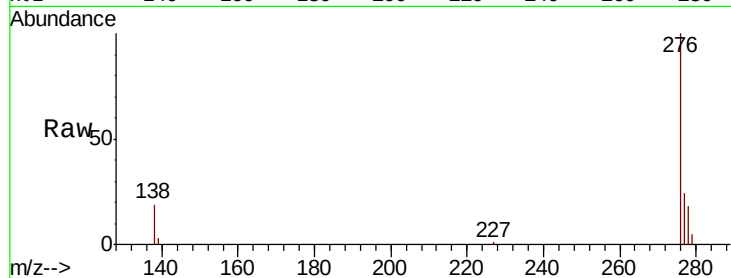
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.208 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN012872.D
Acq: 04 Dec 2020 11:53

Instrument :
BNA_N
ClientSampleId :
C0B06

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.2	24.2
227	0.2	0.0	0.0

Manual Integrations
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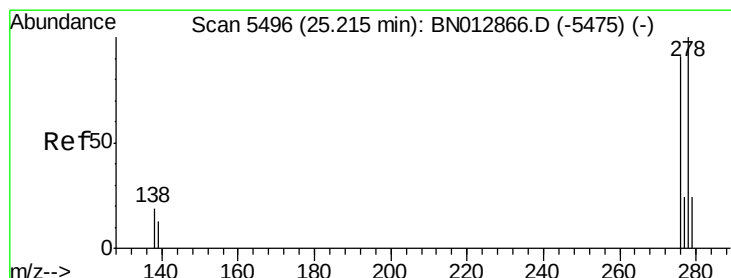
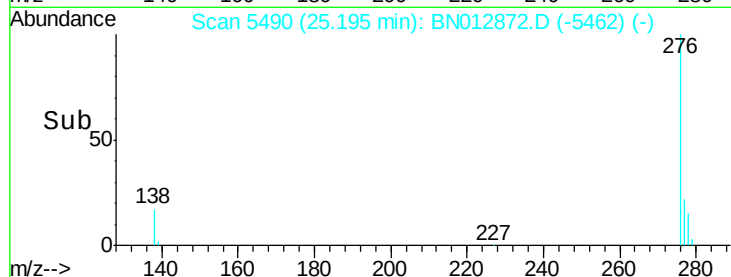
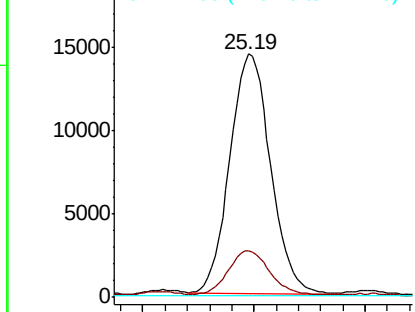


Abundance

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: 0.638 ng/ul
RT: 25.21 min Scan# 5493
Delta R.T. -0.01 min
Lab File: BN012872.D
Acq: 04 Dec 2020 11:53

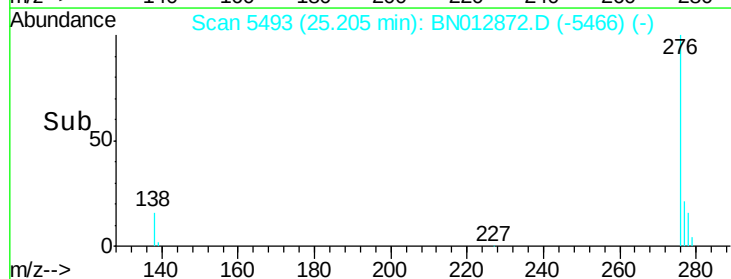
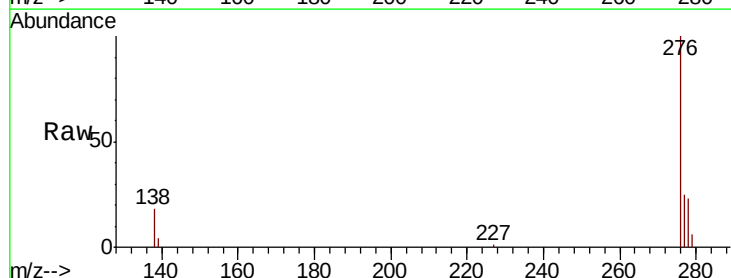
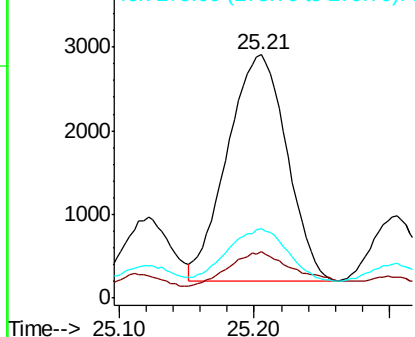
Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.5	21.7
279	28.3	26.3	39.5

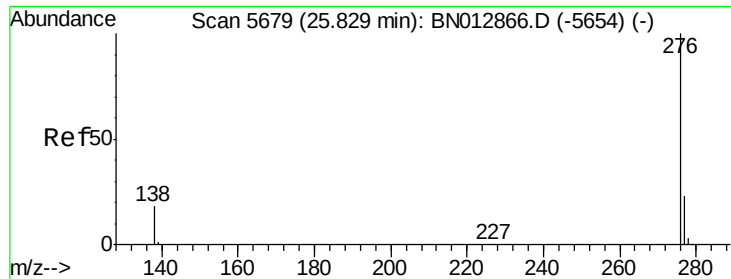
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





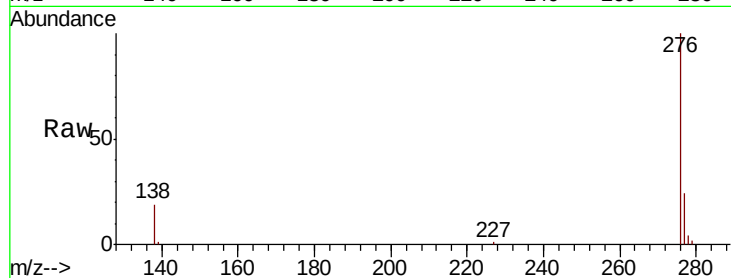
#26
 Benzo(a,h,i)perylene
 Concen: 2.196 ng/ul
 RT: 25.83 min Scan# 5678
 Delta R.T. -0.00 min
 Lab File: BN012872.D
 Acq: 04 Dec 2020 11:53

Instrument :
 BNA_N
 ClientSampleId :
 C0B06

Tot Ion:	276	Resp:	32725
Ion Ratio	Lower	Upper	
276	100		
138	19.2	16.3	24.5
277	24.4	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/7/2020 8:52:15 AM



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

