

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012722.D
 Acq On : 24 Nov 2020 18:39
 Operator : CG/JU
 Sample : L4751-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY2

Manual Integrations
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Quant Time: Nov 25 02:44:03 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 Nov 25 01:45:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1065	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4456	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2509	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5025m	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4167	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4435	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	1163	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	2397	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.25	128	365	0.027	ng/ul#	66
5) 2-Methylnaphthalene	11.88	142	216	0.025	ng/ul	92
7) Acenaphthylene	13.81	152	1083	0.089	ng/ul#	90
8) Acenaphthene	14.16	153	303	0.029	ng/ul#	92
9) Fluorene	15.15	166	397	0.035	ng/ul#	95
12) Phenanthrene	16.89	178	9695	0.554	ng/ul	97
13) Anthracene	16.98	178	2355	0.155	ng/ul	99
15) Fluoranthene	18.92	202	30056	1.489	ng/ul	99
17) Pyrene	19.28	202	28509	1.530	ng/ul	97
18) Benzo(a)anthracene	21.05	228	14862	0.995	ng/ul	99
19) Chrysene	21.10	228	16655	0.893	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	25469m	1.248	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	8757m	0.372	ng/ul	
23) Benzo(a)pyrene	23.09	252	17076m	0.889	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.26	276	12982	0.517	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.26	278	3140	0.156	ng/ul#	72
26) Benzo(a,h,i)perylene	25.89	276	13363	0.591	ng/ul	97

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

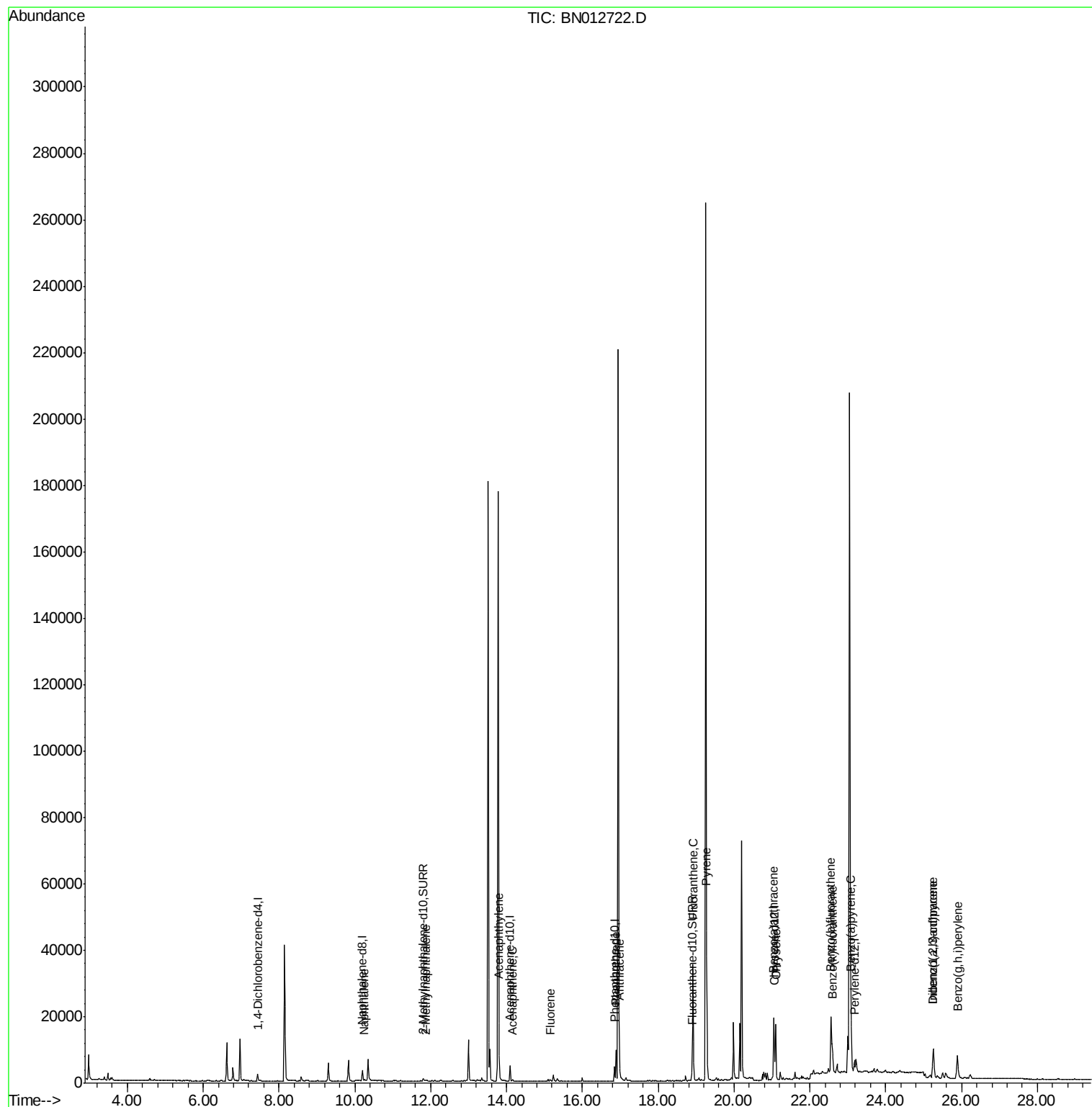
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012722.D
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Operator : CG/JU
Sample : L4751-22
Misc :
ALS Vial : 14 Sample Multiplier: 1

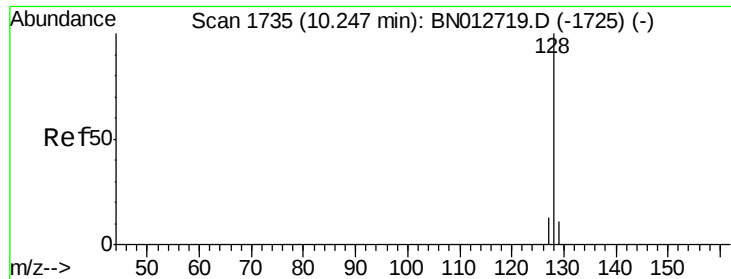
Instrument :
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Quant Time: Nov 25 02:44:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 01:45:20 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.25 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BN012722.D

Acq: 24 Nov 2020 18:39

Instrument :

BNA_N

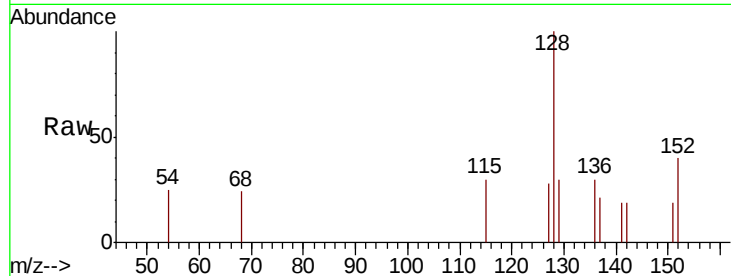
ClientSampleId :

C0AY2

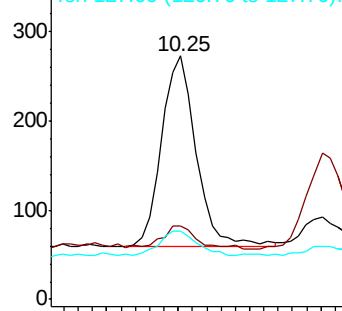
Tot Ion:	128	Resp:	365
Ion Ratio	Lower	Upper	
128	100		
129	30.0	11.2	16.8#
127	27.8	12.5	18.7#

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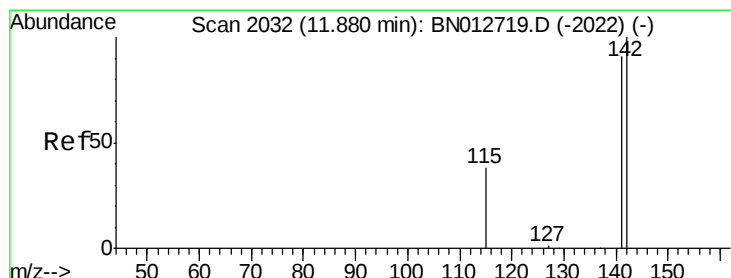
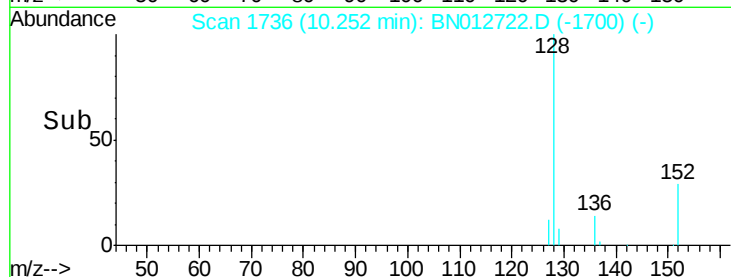
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

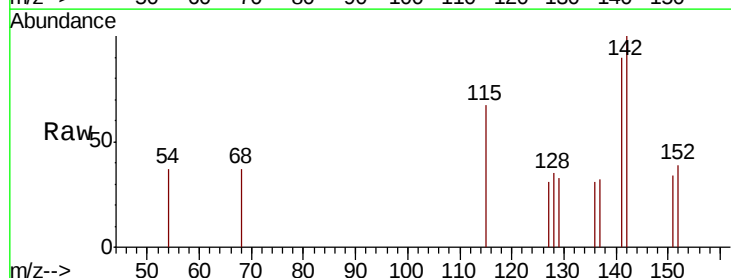
RT: 11.88 min Scan# 2032

Delta R.T. -0.00 min

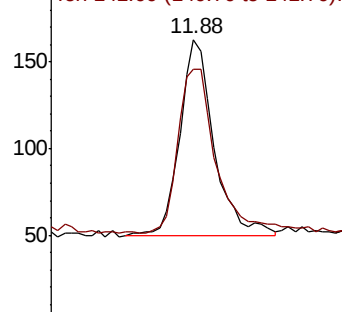
Lab File: BN012722.D

Acq: 24 Nov 2020 18:39

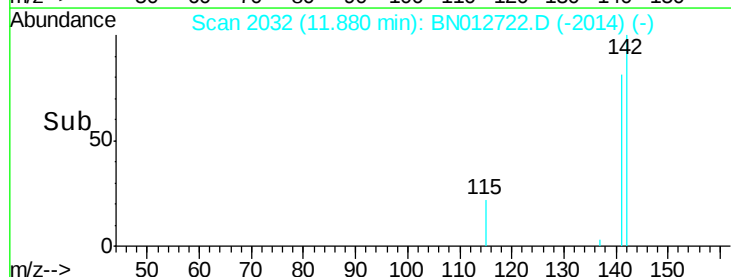
Tgt Ion:	142	Resp:	216
Ion Ratio	Lower	Upper	
142	100		
141	97.7	72.3	108.5

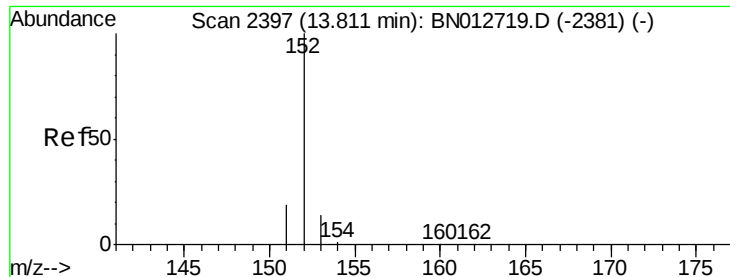


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.089 ng/ul

RT: 13.81 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BN012722.D

Acq: 24 Nov 2020 18:39

Instrument :

BNA_N

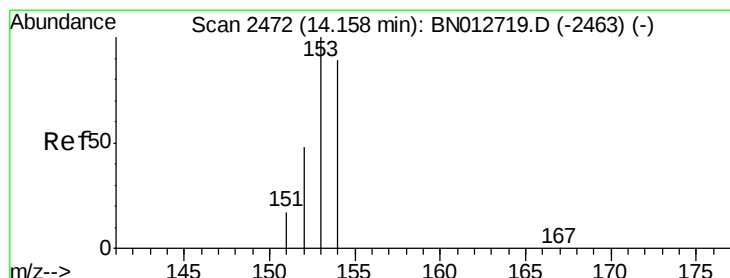
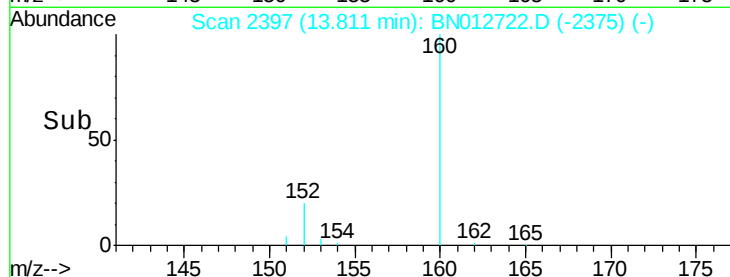
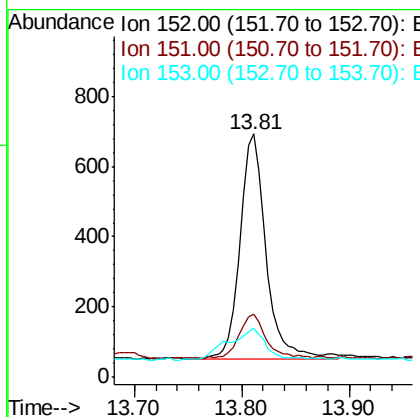
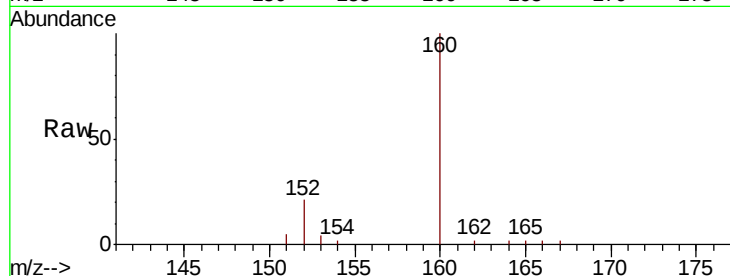
ClientSampleId :

C0AY2

Tot Ion:	152	Resp:	1083
Ion Ratio	Lower	Upper	
152	100		
151	25.8	17.1	25.7#
153	20.1	12.6	19.0#

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#8

Acenaphthene

Concen: 0.029 ng/ul

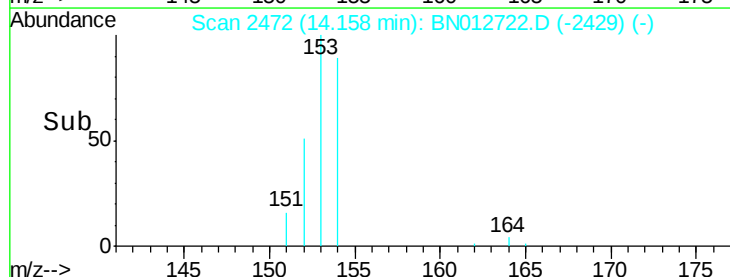
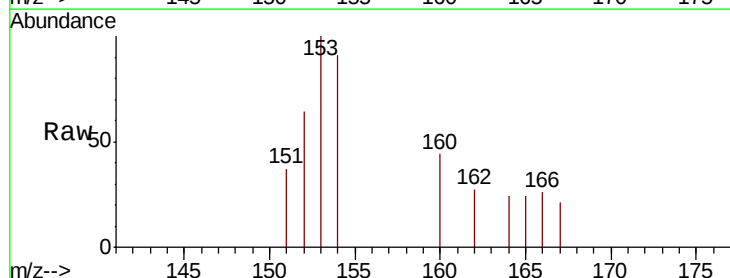
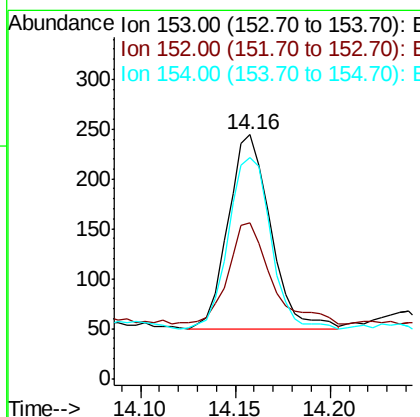
RT: 14.16 min Scan# 2472

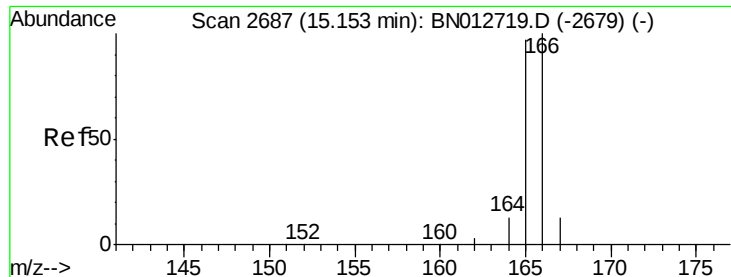
Delta R.T. -0.00 min

Lab File: BN012722.D

Acq: 24 Nov 2020 18:39

Tgt Ion:	153	Resp:	303
Ion Ratio	Lower	Upper	
153	100		
152	63.9	41.4	62.0#
154	90.6	70.9	106.3





#9

Fluorene

Concen: 0.035 ng/ul

RT: 15.15 min Scan# 2687

Delta R.T. -0.00 min

Lab File: BN012722.D

Acq: 24 Nov 2020 18:39

Instrument :

BNA_N

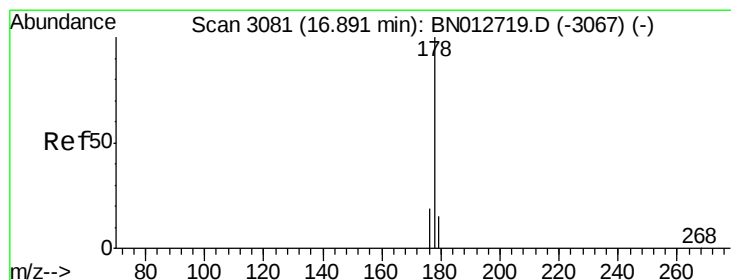
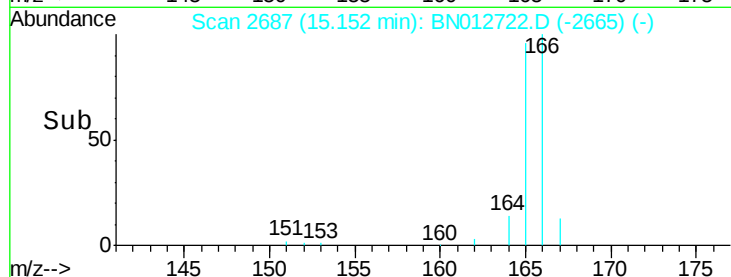
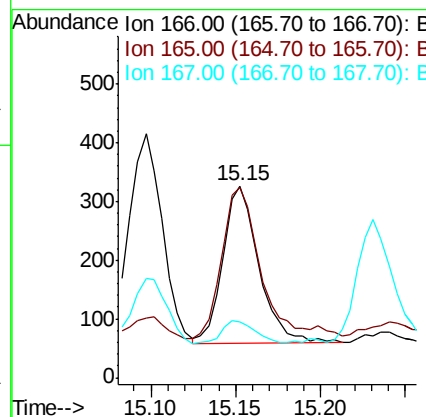
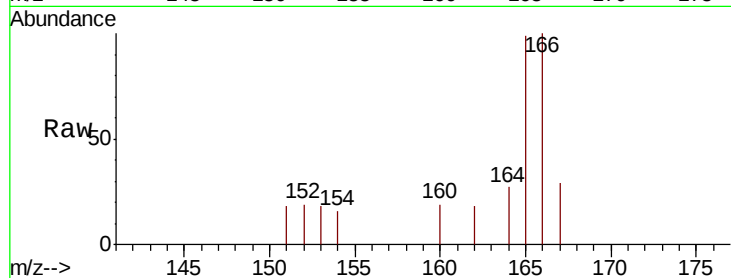
ClientSampleId :

C0AY2

Tot Ion:	166	Resp:	397
Ion Ratio	Lower	Upper	
166	100		
165	99.1	78.5	117.7
167	29.1	12.7	19.1#

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#12

Phenanthrene

Concen: 0.554 ng/ul

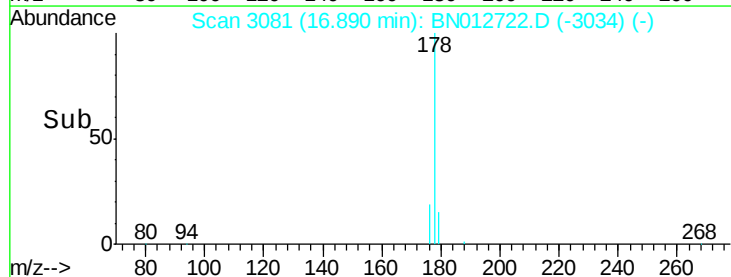
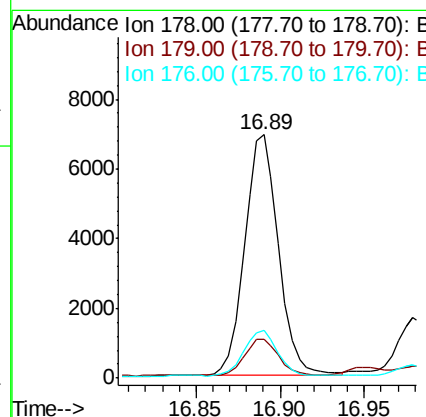
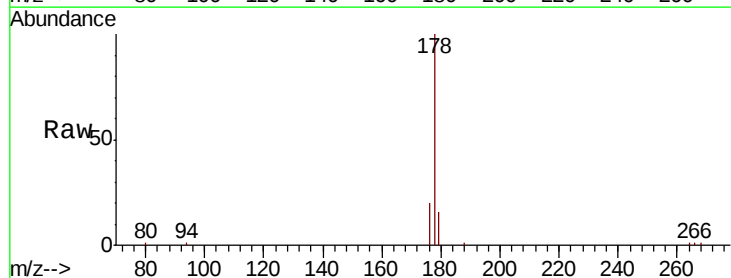
RT: 16.89 min Scan# 3081

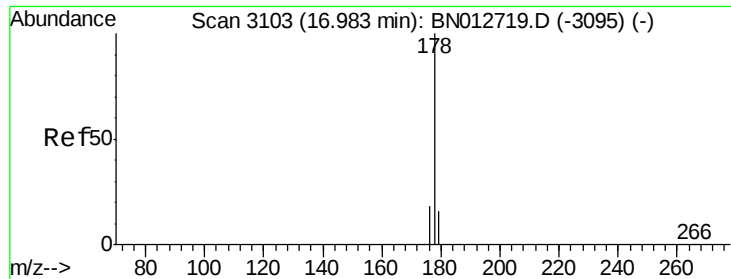
Delta R.T. -0.00 min

Lab File: BN012722.D

Acq: 24 Nov 2020 18:39

Tgt Ion:	178	Resp:	9695
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.8	20.6
176	19.5	16.7	25.1





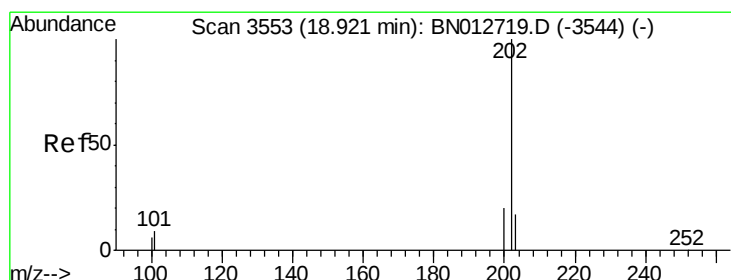
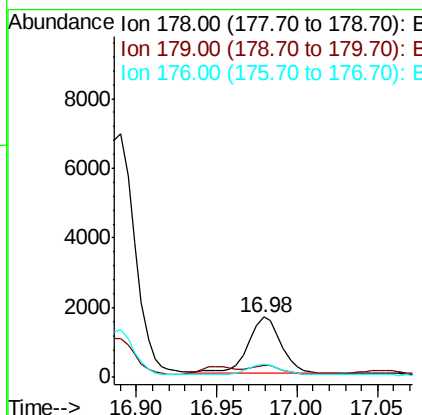
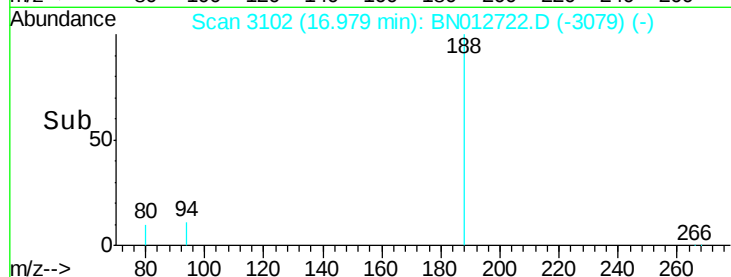
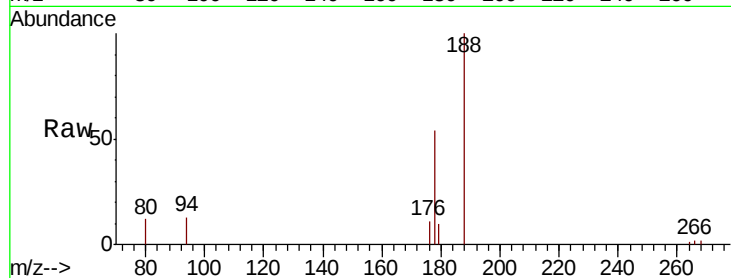
#13
 Anthracene
 Concen: 0.155 ng/ul
 RT: 16.98 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BN012722.D
 Acq: 24 Nov 2020 18:39

Instrument :
 BNA_N
 ClientSampleId :
 C0AY2

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.2	14.8	22.2
176	21.1	16.3	24.5

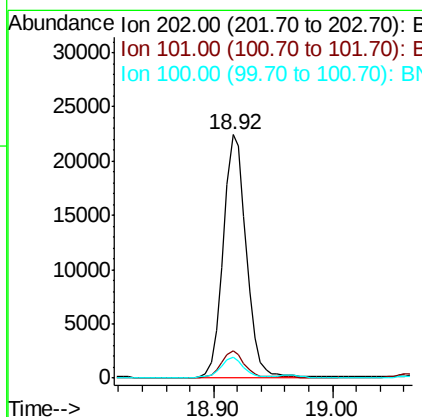
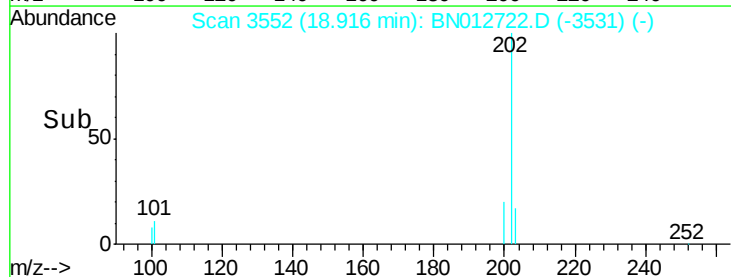
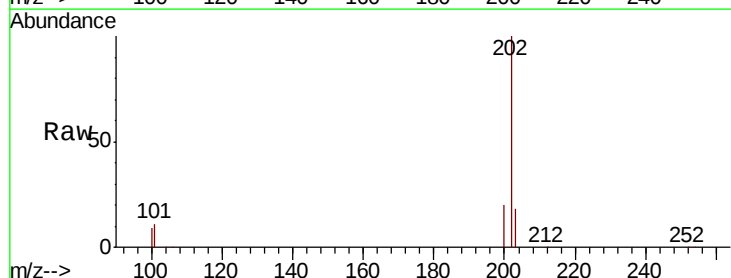
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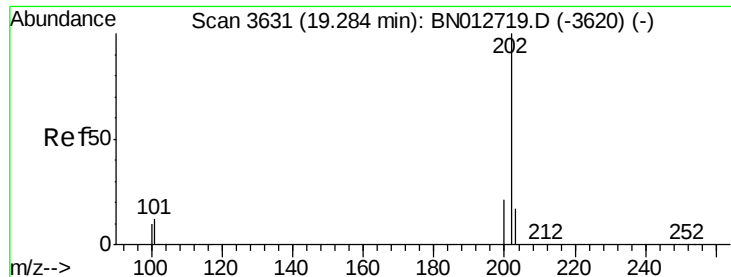
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#15
 Fluoranthene
 Concen: 1.489 ng/ul
 RT: 18.92 min Scan# 3552
 Delta R.T. -0.00 min
 Lab File: BN012722.D
 Acq: 24 Nov 2020 18:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.5
100	8.5	0.0	28.4





#17

Pvrene

Concen: 1.530 ng/ul

RT: 19.28 min Scan# 3631

Delta R.T. -0.00 min

Lab File: BN012722.D

Acq: 24 Nov 2020 18:39

Instrument :

BNA_N

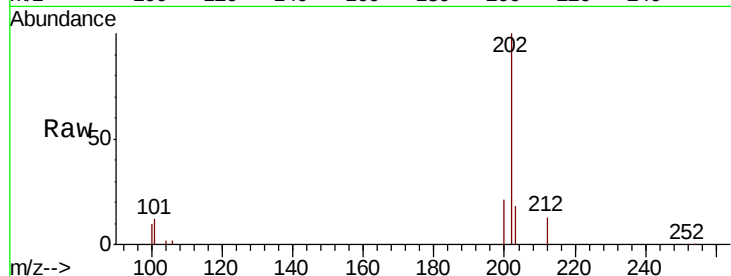
ClientSampleId :

C0AY2

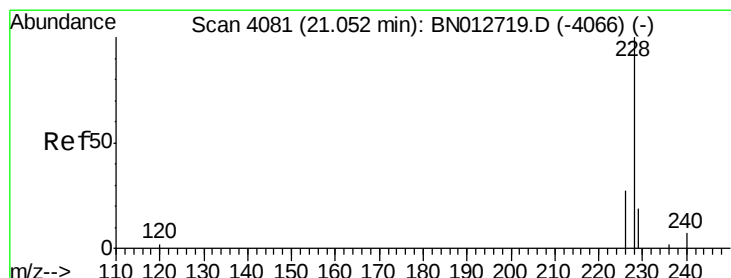
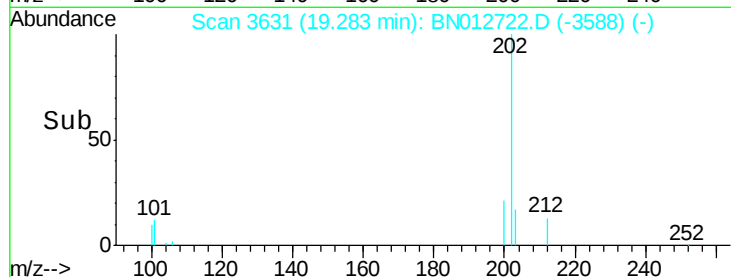
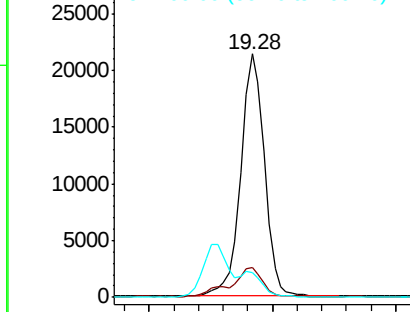
Tot Ion:	202	Resp:	28509
Ion Ratio	Lower	Upper	
202	100		
101	12.4	8.9	13.3
100	10.3	7.4	11.2

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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



#18

Benzo(a)anthracene

Concen: 0.995 ng/ul

RT: 21.05 min Scan# 4080

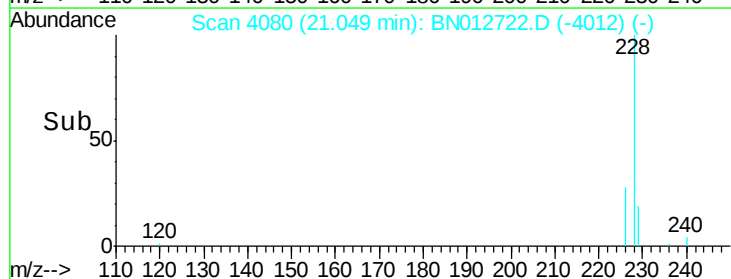
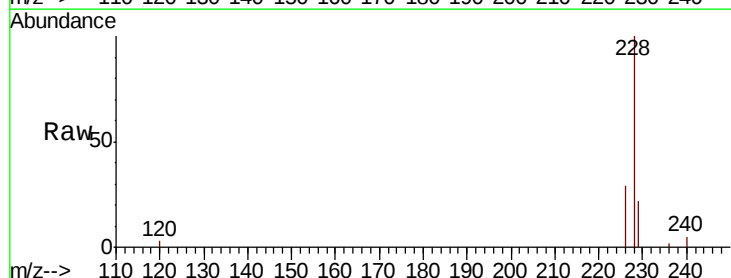
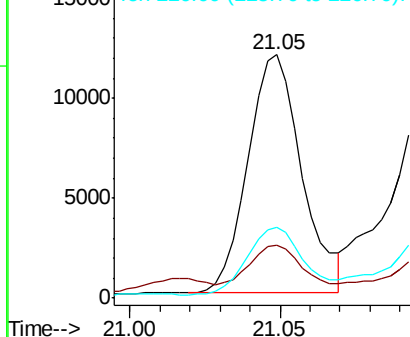
Delta R.T. -0.00 min

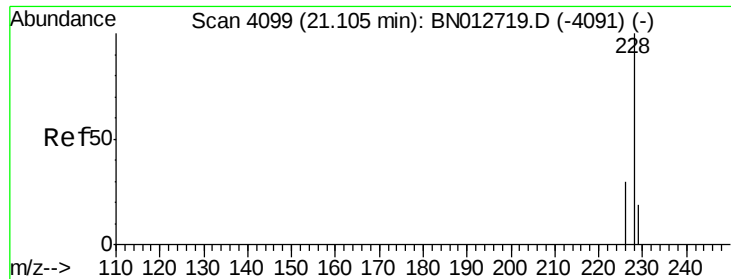
Lab File: BN012722.D

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Tgt Ion:	228	Resp:	14862
Ion Ratio	Lower	Upper	
228	100		
229	21.7	16.9	25.3
226	28.9	23.1	34.7

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





#19

Chrysene

Concen: 0.893 ng/ul

RT: 21.10 min Scan# 4098

Delta R.T. -0.00 min

Lab File: BN012722.D

Acq: 24 Nov 2020 18:39

Instrument :

BNA_N

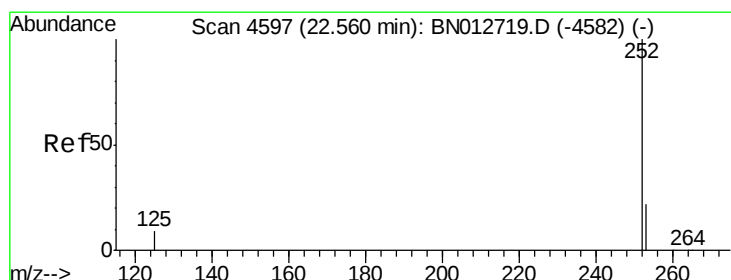
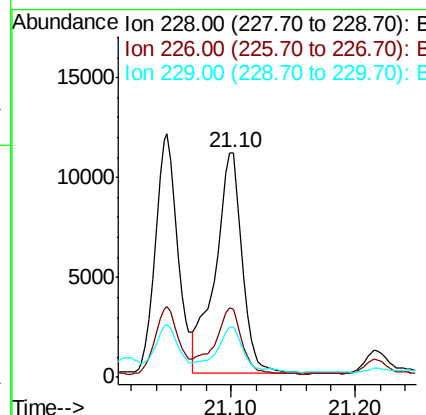
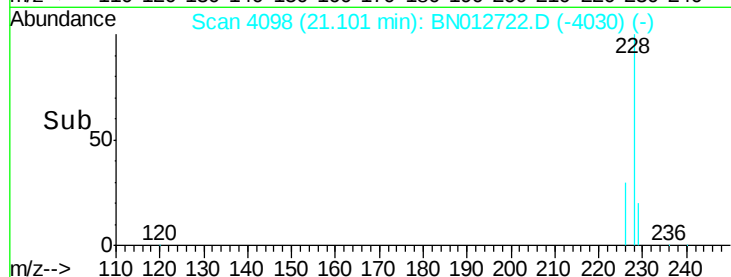
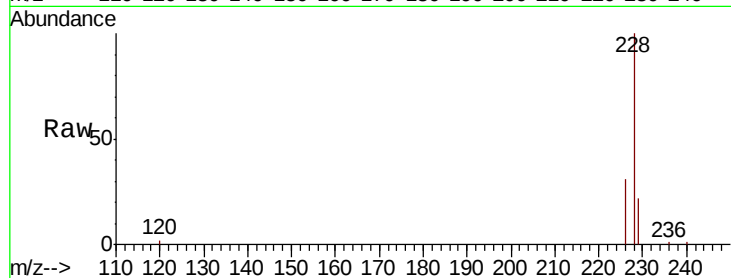
ClientSampleId :

C0AY2

Tot Ion:228	Resp:	16655
Ion Ratio	Lower	Upper
228 100		
226 30.6	24.4	36.6
229 22.5	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 1.248 ng/ul m

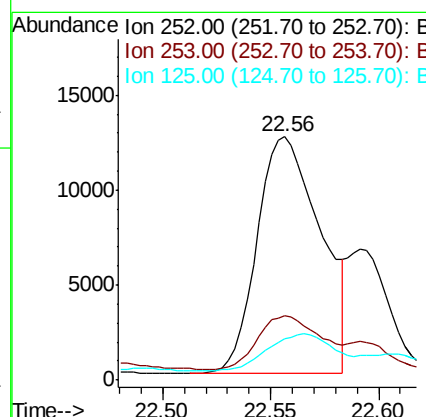
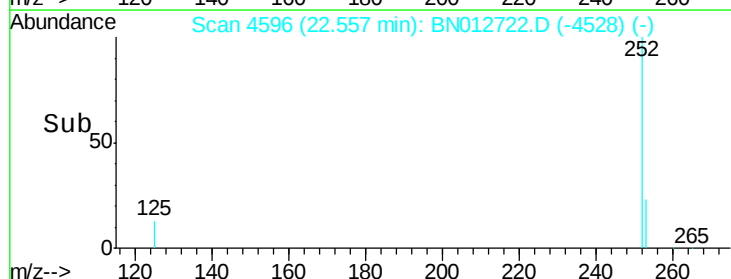
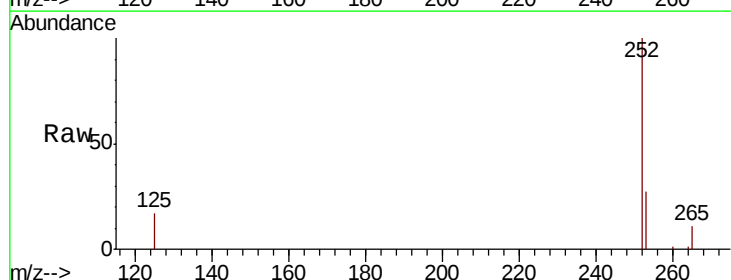
RT: 22.56 min Scan# 4596

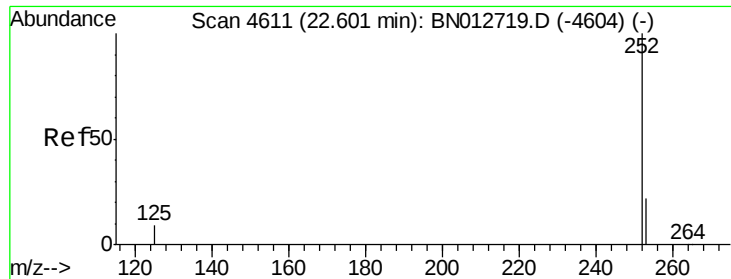
Delta R.T. -0.00 min

Lab File: BN012722.D

Acq: 24 Nov 2020 18:39

Tgt Ion:252	Resp:	25469
Ion Ratio	Lower	Upper
252 100		
253 26.6	0.0	58.4
125 16.8	0.0	28.6





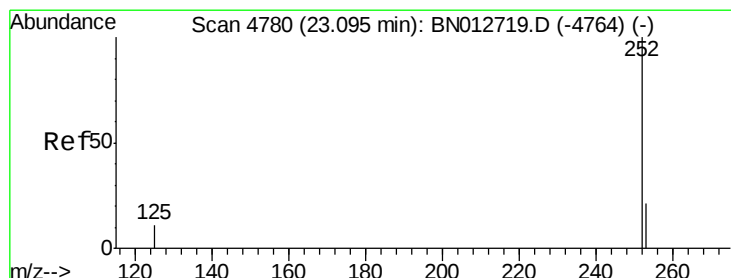
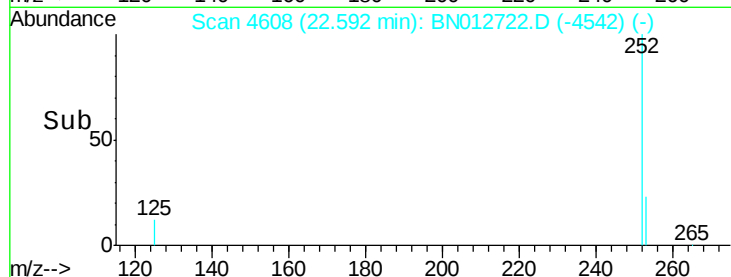
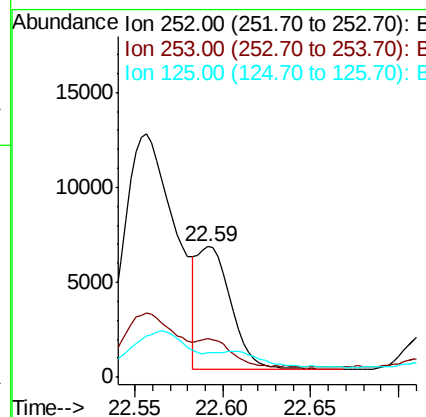
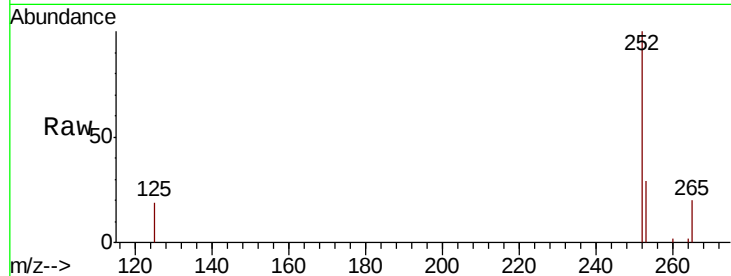
#22
Benzo(k)fluoranthene
Concen: 0.372 ng/ul m
RT: 22.59 min Scan# 4608
Delta R.T. -0.01 min
Lab File: BN012722.D
Acq: 24 Nov 2020 18:39

Instrument :
BNA_N
ClientSampleId :
C0AY2

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.3	23.4	35.2
125	18.6	10.2	15.2#

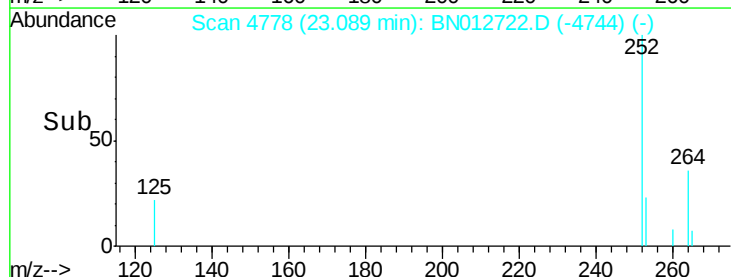
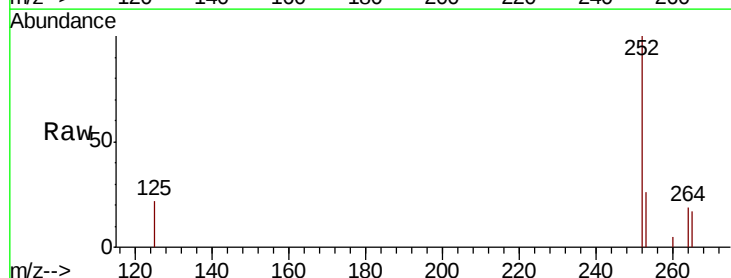
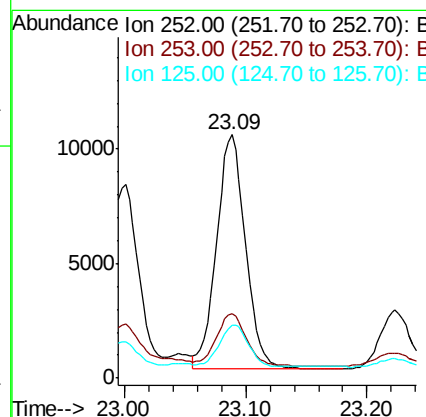
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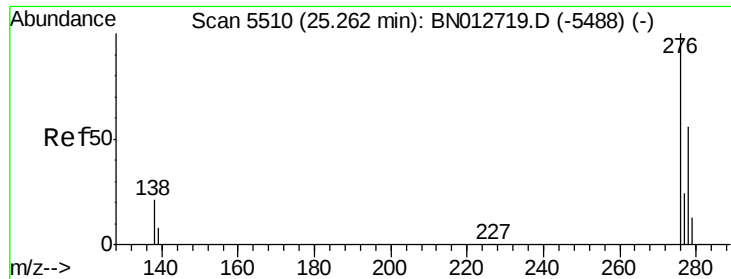
mohammad
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#23
Benzo(a)pyrene
Concen: 0.889 ng/ul m
RT: 23.09 min Scan# 4778
Delta R.T. -0.00 min
Lab File: BN012722.D
Acq: 24 Nov 2020 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	27.6	41.4#
125	21.8	17.0	25.4





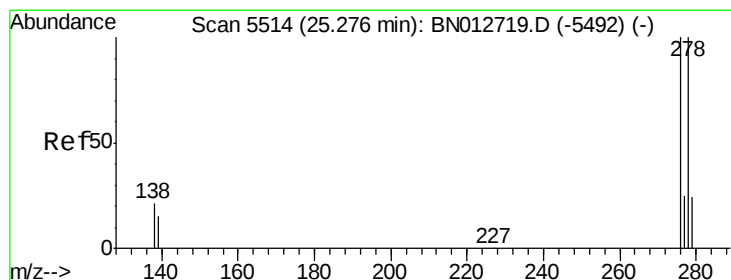
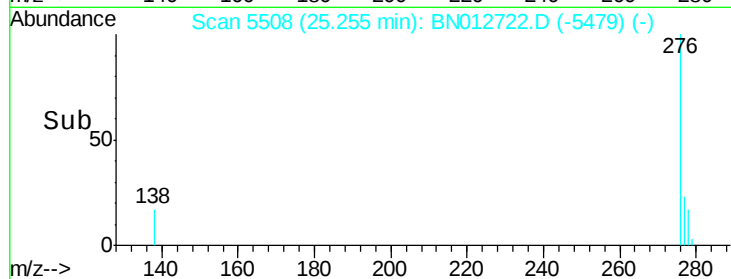
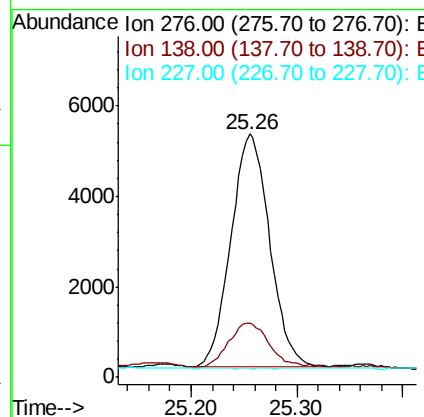
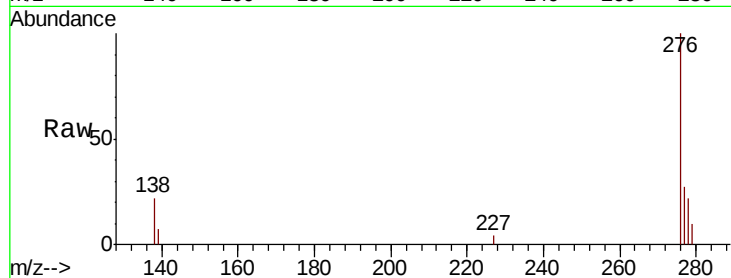
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.517 ng/ul
 RT: 25.26 min Scan# 5508
 Delta R.T. -0.00 min
 Lab File: BN012722.D
 Acq: 24 Nov 2020 18:39

Instrument :
 BNA_N
 ClientSampleId :
 C0AY2

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.5	24.7
227	0.1	0.1	0.1

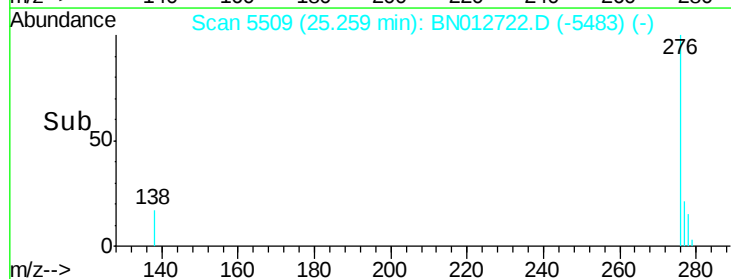
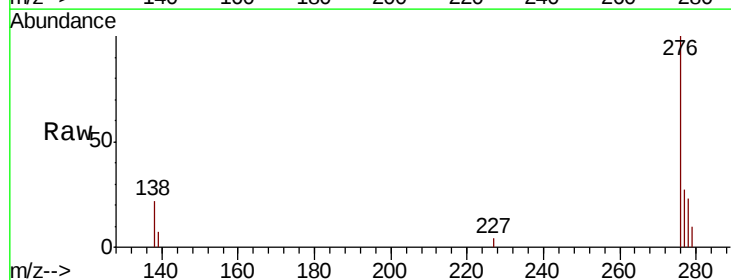
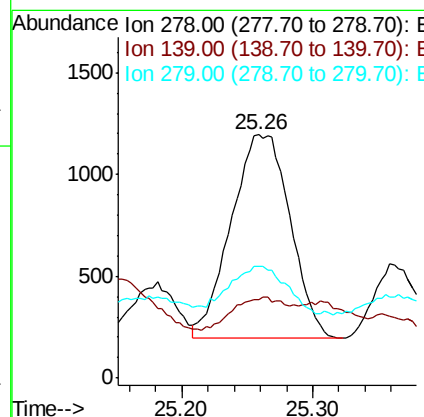
Manual Integrations
 APPROVED

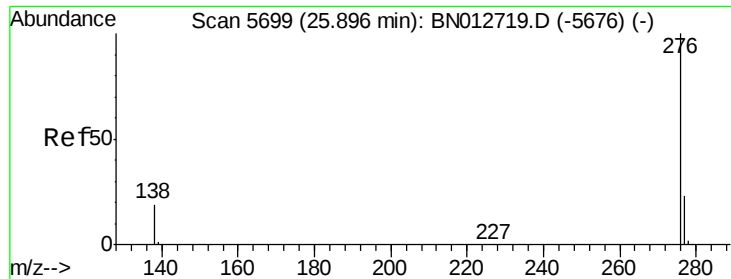
mohammad
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.156 ng/ul
 RT: 25.26 min Scan# 5509
 Delta R.T. -0.01 min
 Lab File: BN012722.D
 Acq: 24 Nov 2020 18:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.3	13.8	20.8
279	46.0	25.6	38.4





#26

Benzo(a,h,i)perylene

Concen: 0.591 ng/ul

RT: 25.89 min Scan# 5698

Delta R.T. 0.00 min

Lab File: BN012722.D

Acq: 24 Nov 2020 18:39

Instrument :

BNA_N

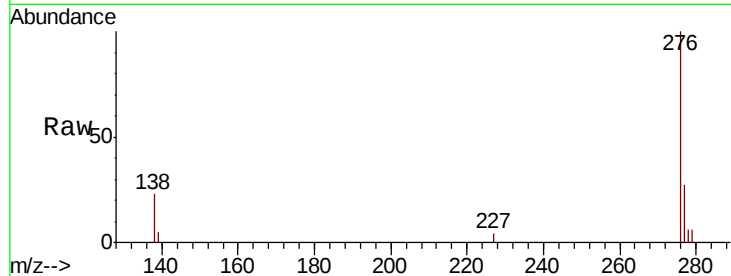
ClientSampleId :

C0AY2

Tot Ion:	276	Resp:	13363
Ion Ratio	Lower	Upper	
276	100		
138	23.5	16.3	24.5
277	26.8	21.8	32.8

Manual Integrations
APPROVED

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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

