

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012816.D
 Acq On : 02 Dec 2020 12:56
 Operator : CG/JU
 Sample : L4793-12
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B31

Manual Integrations
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mohammad
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Quant Time: Dec 02 13:30:16 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 Dec 02 12:19:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	708	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	2851	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1673	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3740	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4528	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	5413	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	1008	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2571	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.23	128	1112	0.130	ng/ul#	88
5) 2-Methylnaphthalene	11.86	142	492	0.090	ng/ul	100
7) Acenaphthylene	13.79	152	733	0.090	ng/ul#	86
8) Acenaphthene	14.14	153	1881	0.274	ng/ul	98
9) Fluorene	15.13	166	2503	0.331	ng/ul	97
12) Phenanthrene	16.87	178	97166	7.466	ng/ul	96
13) Anthracene	16.96	178	14420	1.275	ng/ul	96
15) Fluoranthene	18.90	202	484596	32.254	ng/ul	97
17) Pyrene	19.27	202	464381	22.928	ng/ul	99
18) Benzo(a)anthracene	21.03	228	339553	20.927	ng/ul	98
19) Chrysene	21.09	228	402045	19.836	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	716975m	28.793	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	222111m	7.735	ng/ul	
23) Benzo(a)pyrene	23.07	252	372687	15.903	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.23	276	353034	11.519	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.23	278	86808m	3.525	ng/ul	
26) Benzo(a,h,i)perylene	25.86	276	293233	10.632	ng/ul	96

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

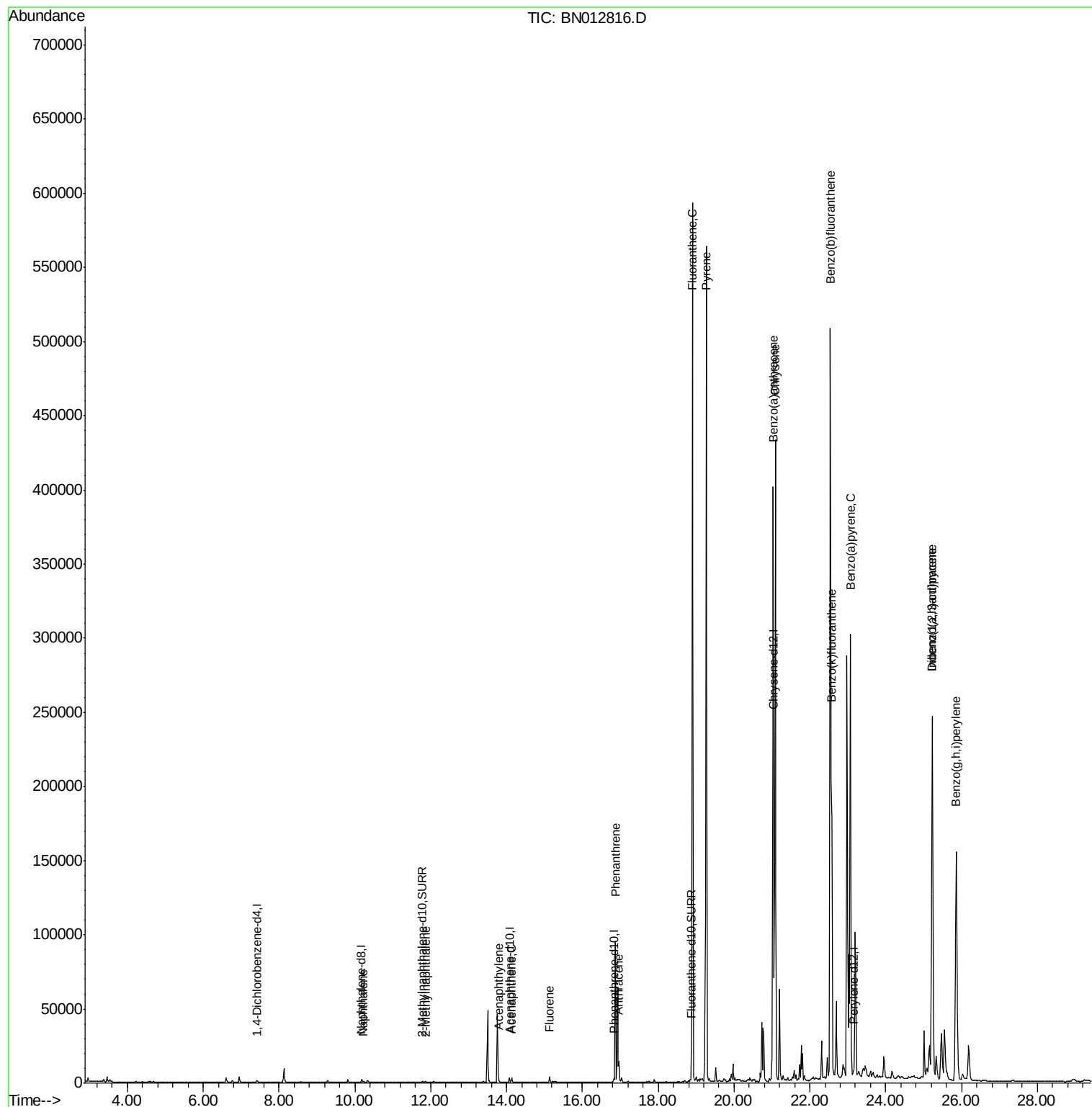
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012816.D
Acq On : 02 Dec 2020 12:56
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Sample : L4793-12
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ALS Vial : 43 Sample Multiplier: 1

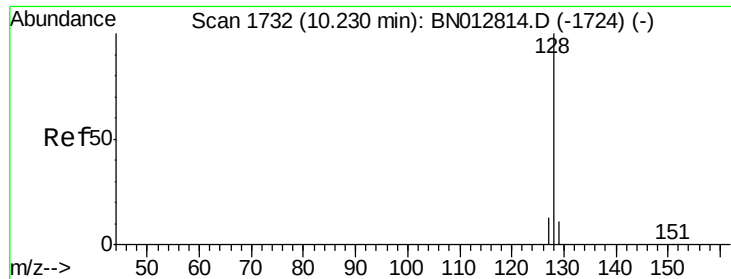
Instrument :
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Quant Time: Dec 02 13:30:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 12:19:27 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.130 ng/ul

RT: 10.23 min Scan# 1732

Delta R.T. 0.00 min

Lab File: BN012816.D

Acq: 02 Dec 2020 12:56

Instrument :

BNA_N

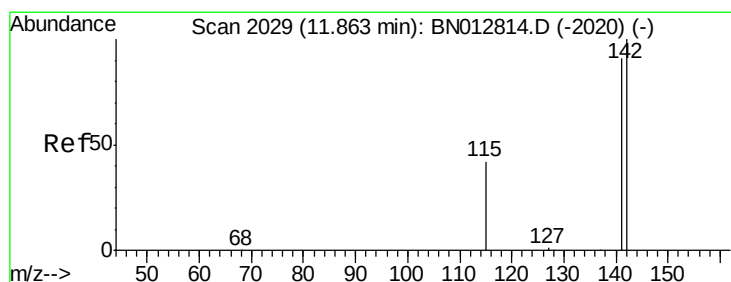
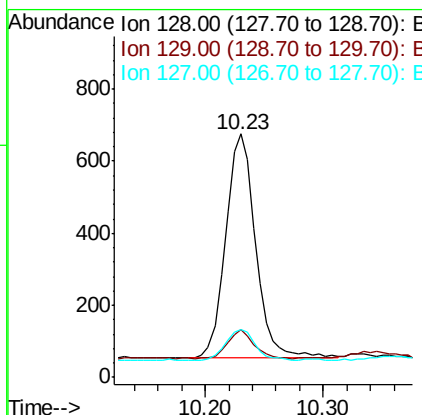
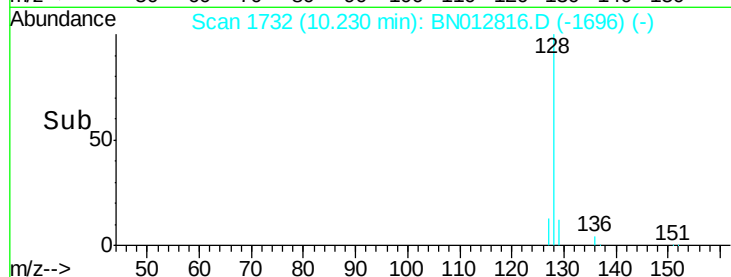
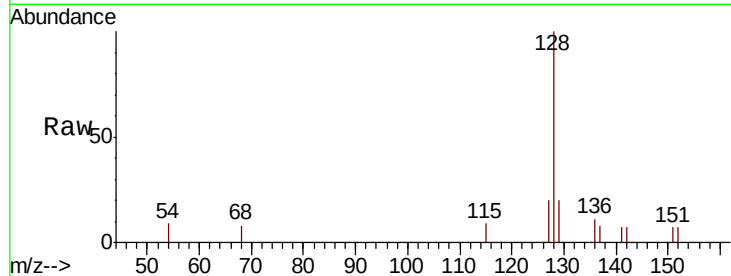
ClientSampleId :

C0B31

Tot Ion:	128	Resp:	1112
Ion Ratio	Lower	Upper	
128	100		
129	19.5	11.2	16.8#
127	19.7	12.5	18.7#

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#5

2-Methylnaphthalene

Concen: 0.090 ng/ul

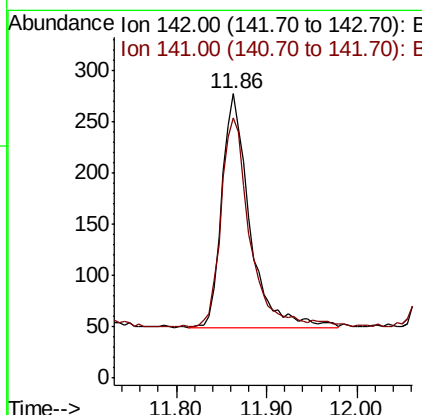
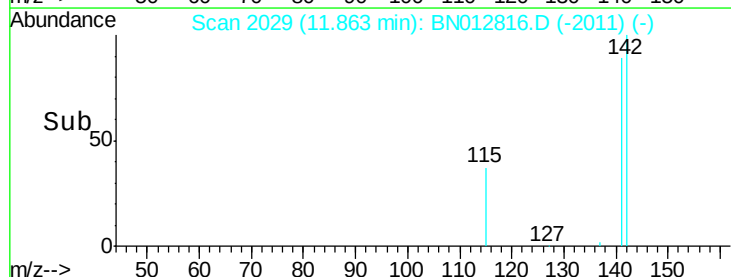
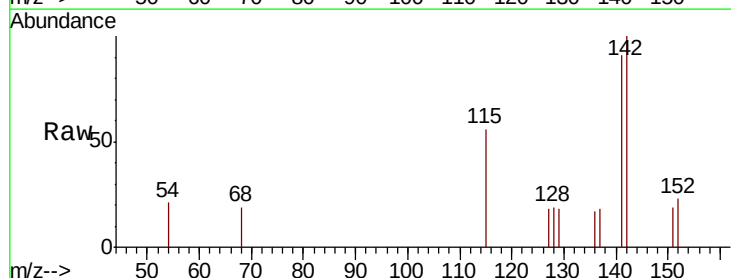
RT: 11.86 min Scan# 2029

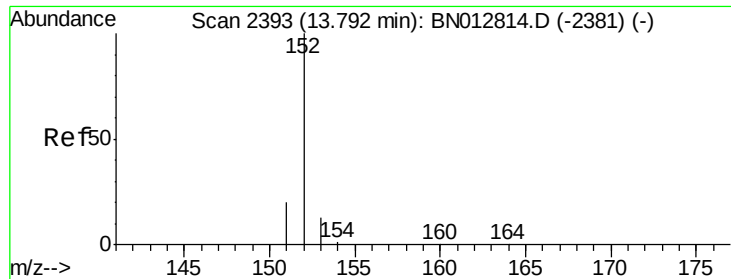
Delta R.T. 0.00 min

Lab File: BN012816.D

Acq: 02 Dec 2020 12:56

Tgt Ion:	142	Resp:	492
Ion Ratio	Lower	Upper	
142	100		
141	90.4	72.3	108.5





#7

Acenaphthylene

Concen: 0.090 ng/ul

RT: 13.79 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BN012816.D

Acq: 02 Dec 2020 12:56

Instrument :

BNA_N

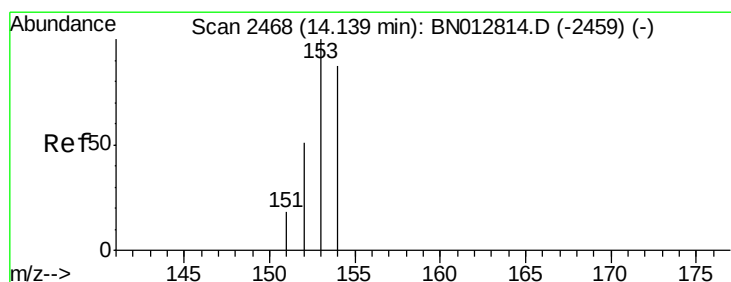
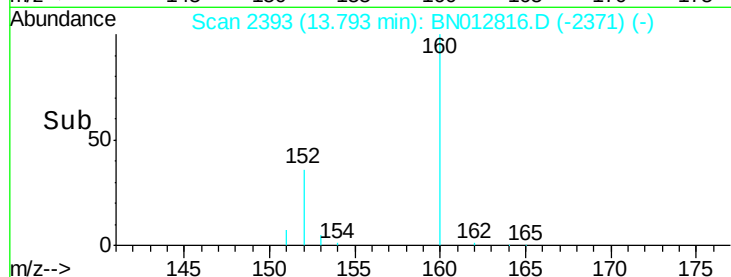
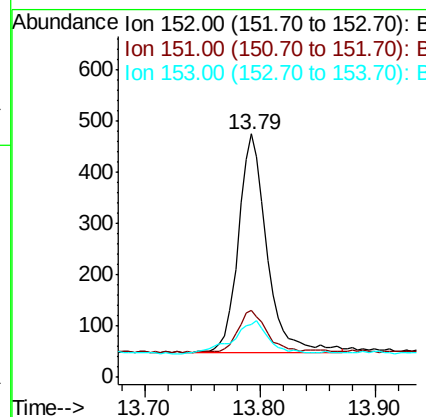
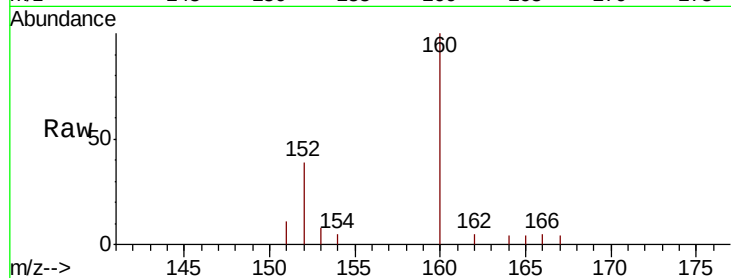
ClientSampleId :

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Tot Ion:	152	Resp:	733
Ion Ratio	Lower	Upper	
152	100		
151	27.5	17.1	25.7#
153	21.8	12.6	19.0#

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#8

Acenaphthene

Concen: 0.274 ng/ul

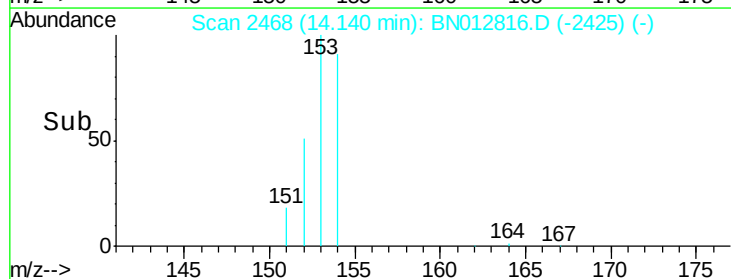
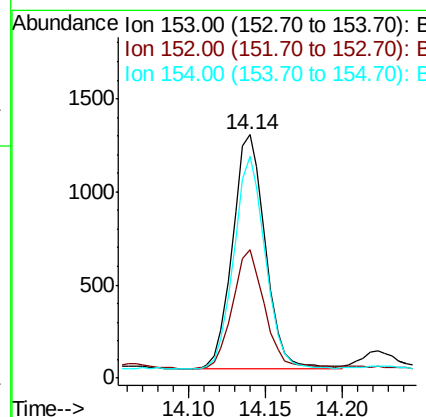
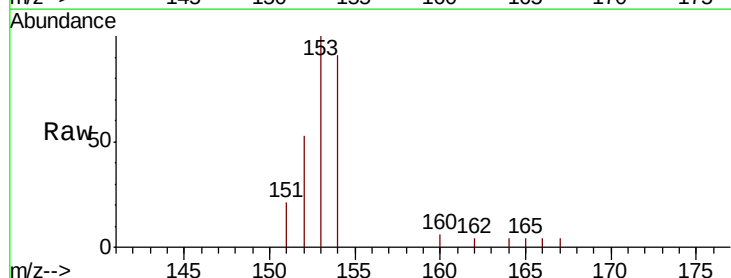
RT: 14.14 min Scan# 2468

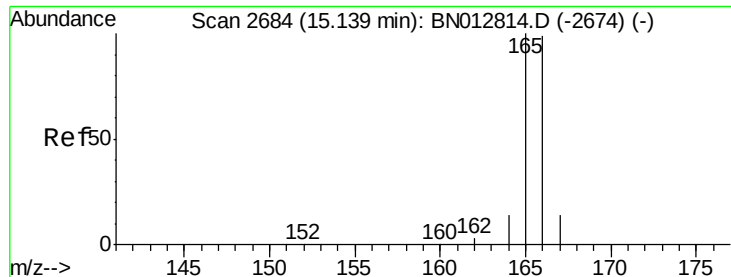
Delta R.T. 0.00 min

Lab File: BN012816.D

Acq: 02 Dec 2020 12:56

Tgt Ion:	153	Resp:	1881
Ion Ratio	Lower	Upper	
153	100		
152	52.9	41.4	62.0
154	91.0	70.9	106.3





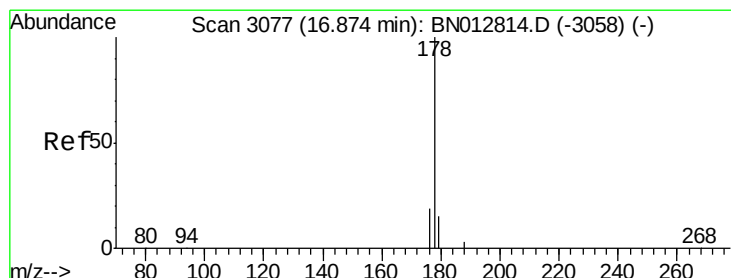
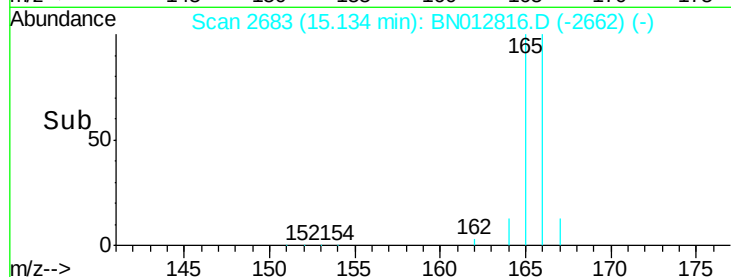
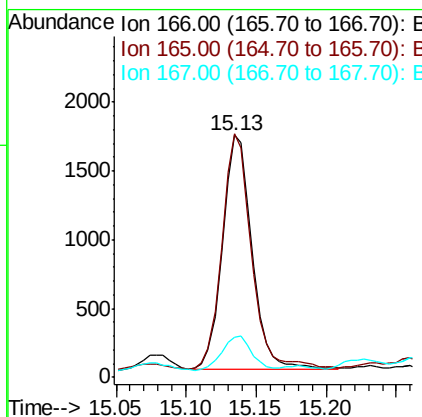
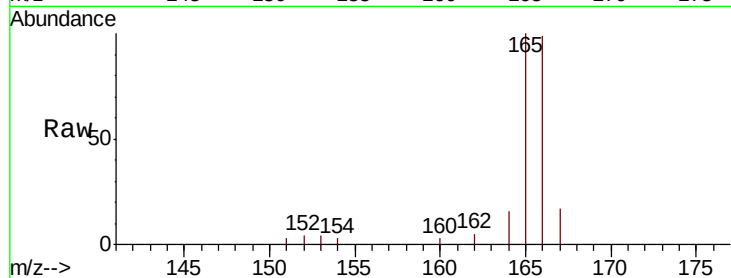
#9
Fluorene
 Concen: 0.331 ng/ul
 RT: 15.13 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: BN012816.D
 Acq: 02 Dec 2020 12:56

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.5	117.7
167	16.7	12.7	19.1

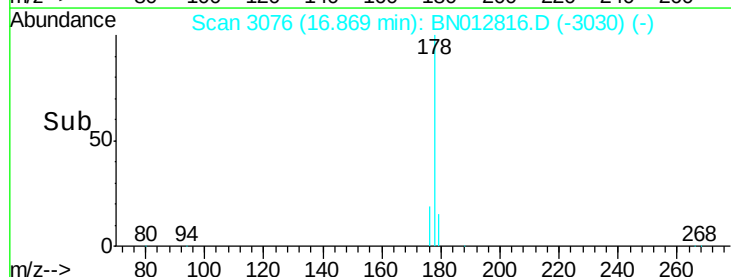
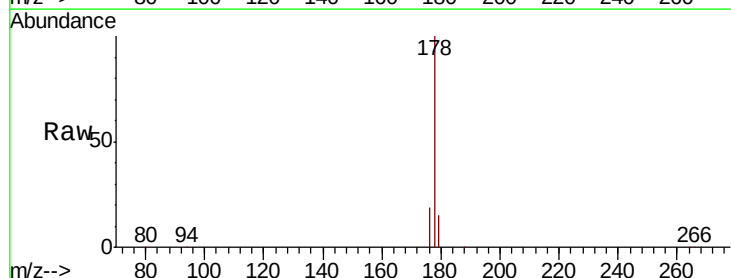
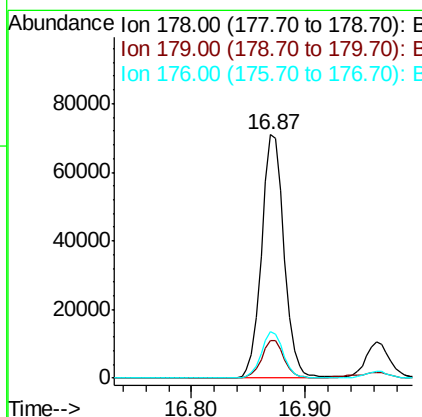
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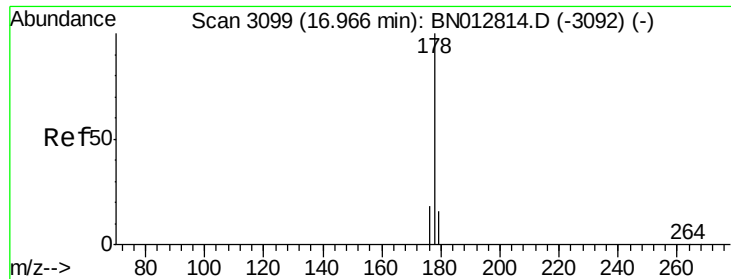
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#12
Phenanthrene
 Concen: 7.466 ng/ul
 RT: 16.87 min Scan# 3076
 Delta R.T. -0.00 min
 Lab File: BN012816.D
 Acq: 02 Dec 2020 12:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.8	20.6
176	19.2	16.7	25.1





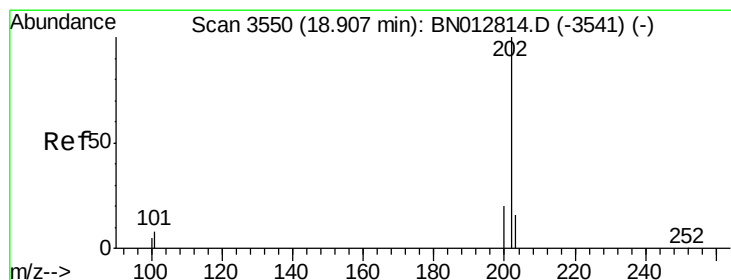
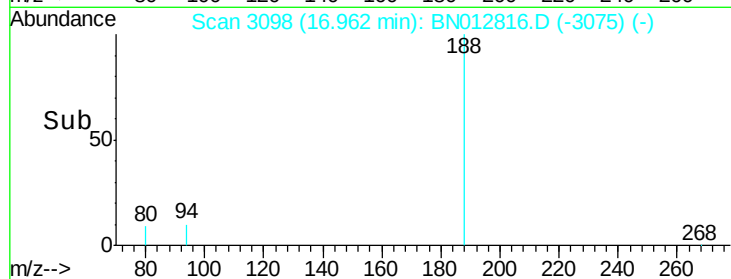
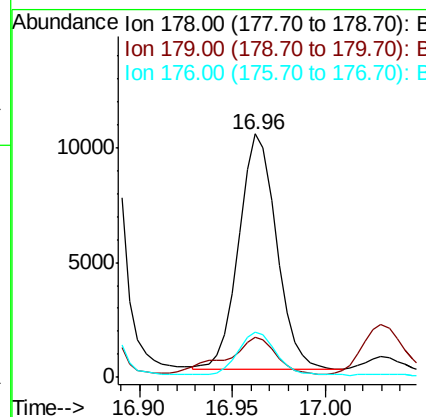
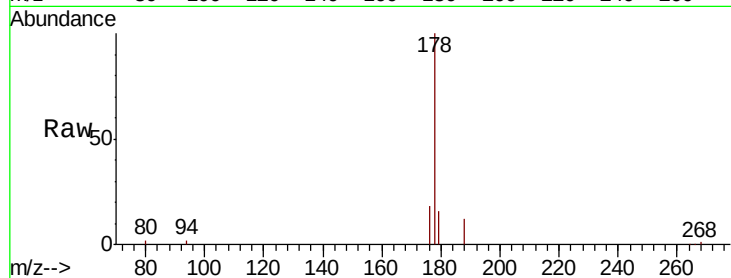
#13
 Anthracene
 Concen: 1.275 ng/ul
 RT: 16.96 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BN012816.D
 Acq: 02 Dec 2020 12:56

Instrument :
 BNA_N
 ClientSampled :
 C0B31

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	14.8	22.2
176	18.5	16.3	24.5

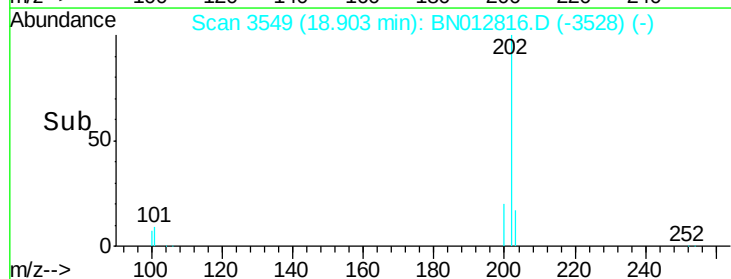
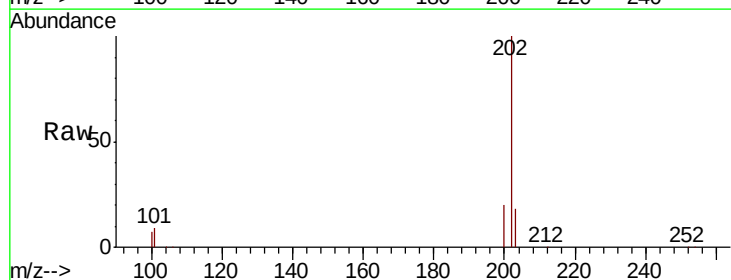
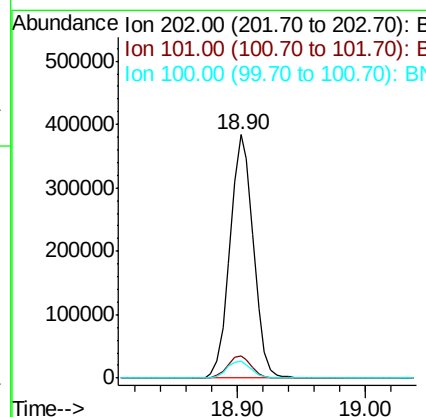
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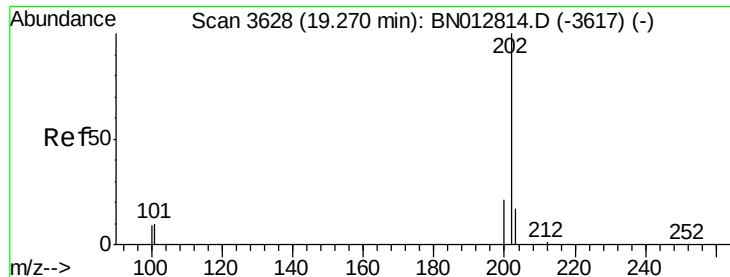
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#15
 Fluoranthene
 Concen: 32.254 ng/ul
 RT: 18.90 min Scan# 3549
 Delta R.T. -0.00 min
 Lab File: BN012816.D
 Acq: 02 Dec 2020 12:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.5
100	7.3	0.0	28.4





#17

Pvrene

Concen: 22.928 ng/ul

RT: 19.27 min Scan# 3628

Delta R.T. 0.00 min

Lab File: BN012816.D

Acq: 02 Dec 2020 12:56

Instrument :

BNA_N

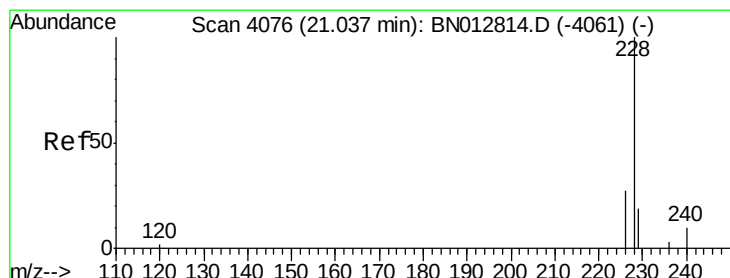
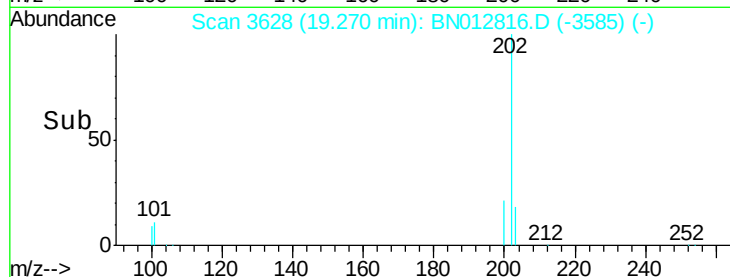
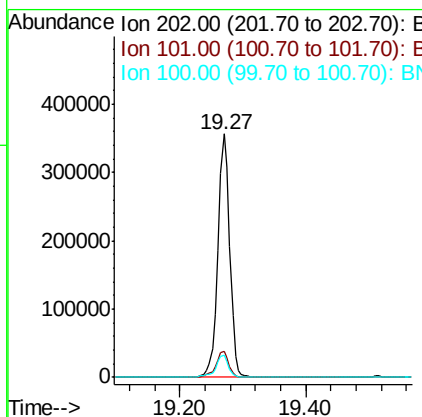
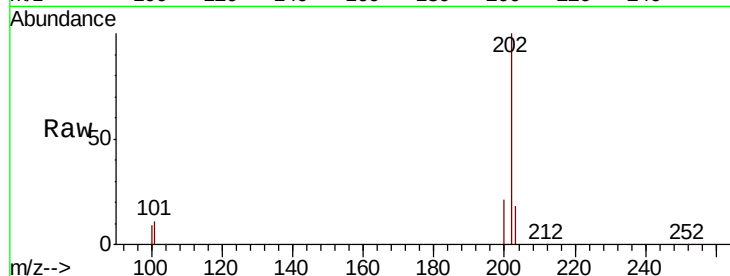
ClientSampleId :

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Tot Ion:	202	Resp:	464381
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.9	13.3
100	8.9	7.4	11.2

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#18

Benzo(a)anthracene

Concen: 20.927 ng/ul

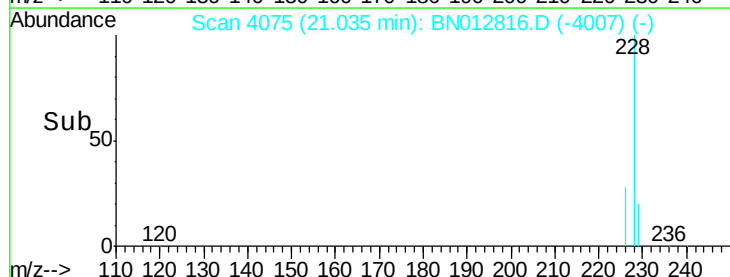
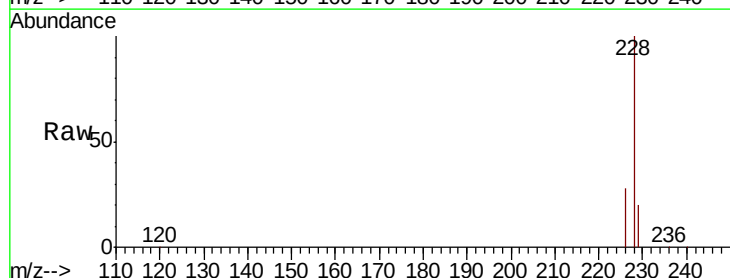
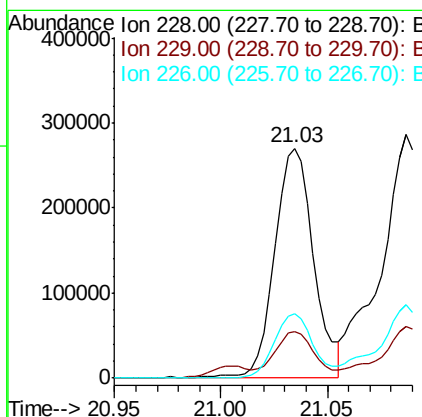
RT: 21.03 min Scan# 4075

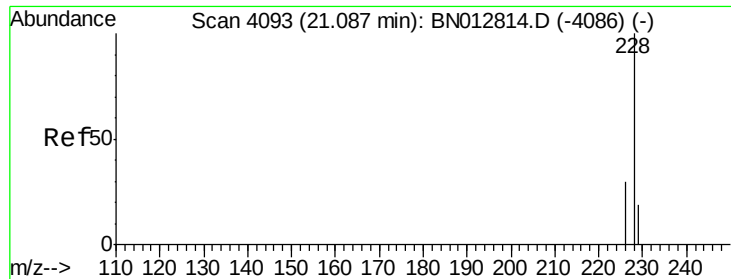
Delta R.T. -0.00 min

Lab File: BN012816.D

Acq: 02 Dec 2020 12:56

Tgt Ion:	228	Resp:	339553
Ion Ratio	Lower	Upper	
228	100		
229	20.4	16.9	25.3
226	27.8	23.1	34.7





#19

Chrysene

Concen: 19.836 ng/ul

RT: 21.09 min Scan# 4093

Delta R.T. 0.00 min

Lab File: BN012816.D

Acq: 02 Dec 2020 12:56

Instrument :

BNA_N

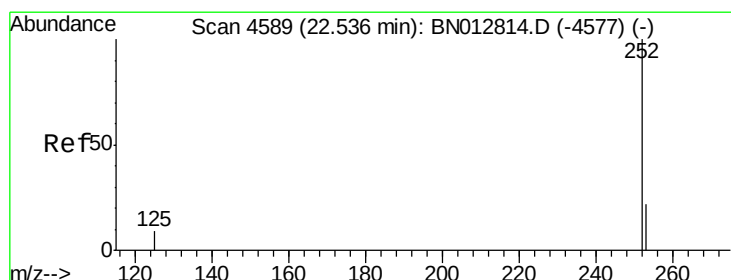
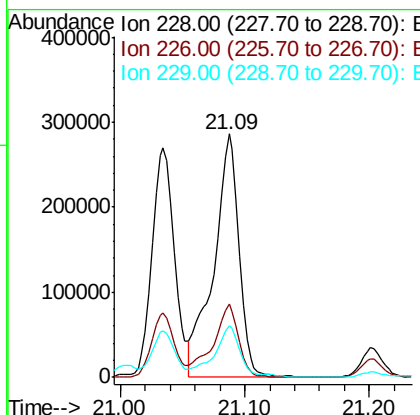
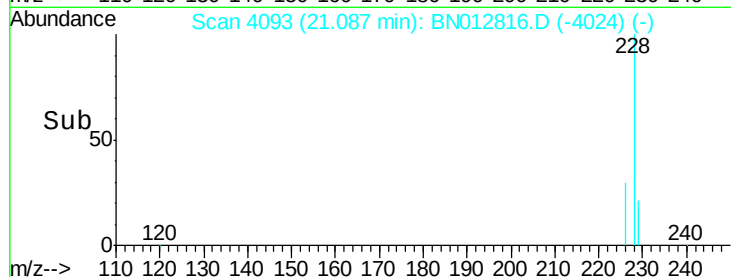
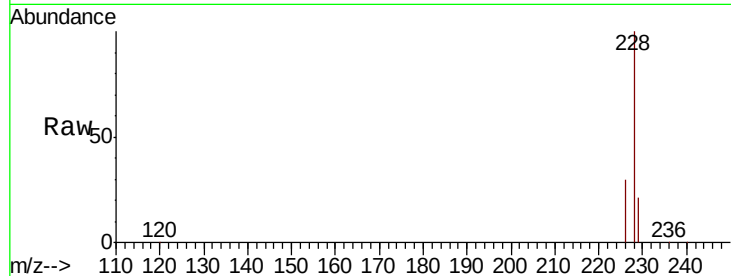
ClientSampleId :

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Tot Ion:	228	Resp:	402045
Ion Ratio		Lower	Upper
228	100		
226	30.1	24.4	36.6
229	21.1	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 28.793 ng/ul m

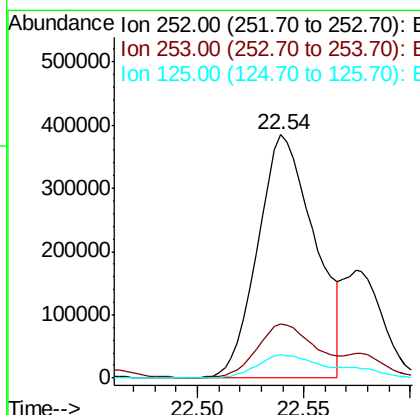
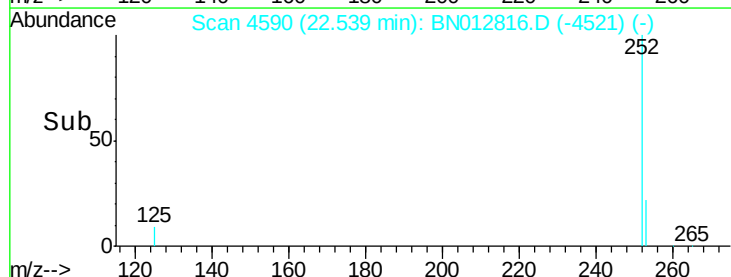
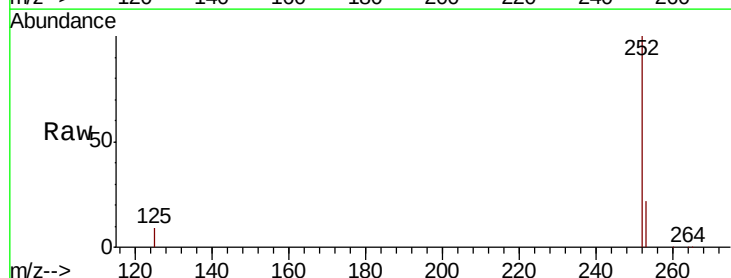
RT: 22.54 min Scan# 4590

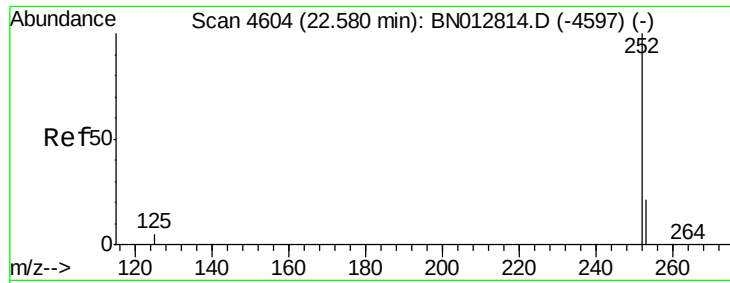
Delta R.T. 0.00 min

Lab File: BN012816.D

Acq: 02 Dec 2020 12:56

Tgt Ion:	252	Resp:	716975
Ion Ratio		Lower	Upper
252	100		
253	22.3	0.0	58.4
125	9.4	0.0	28.6





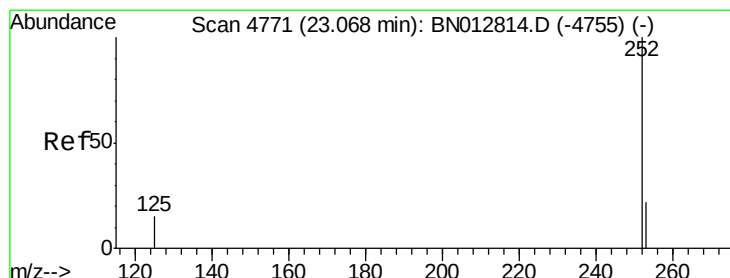
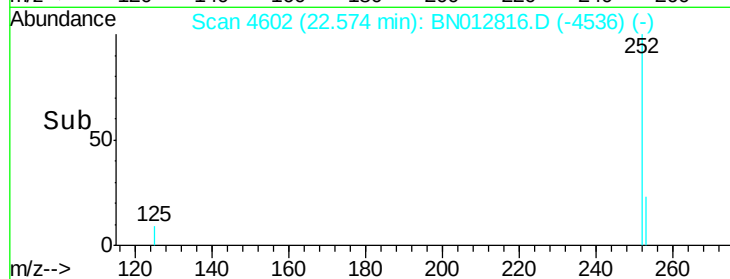
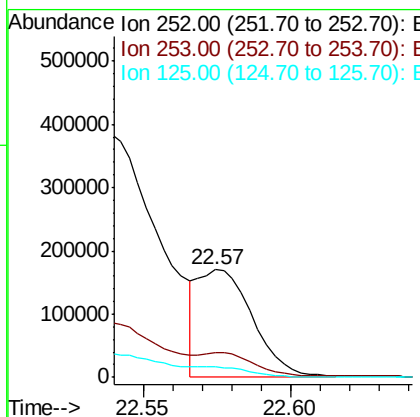
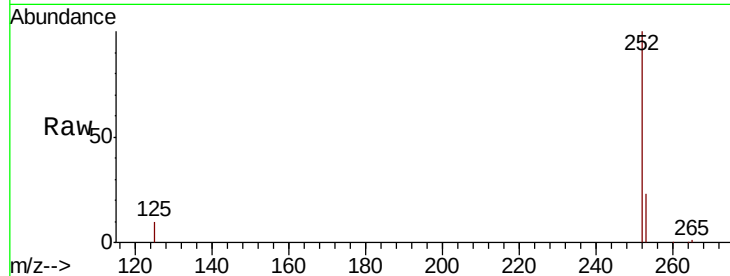
#22
Benzo(k)fluoranthene
Concen: 7.735 ng/ul m
RT: 22.57 min Scan# 4602
Delta R.T. -0.01 min
Lab File: BN012816.D
Acq: 02 Dec 2020 12:56

Instrument :
BNA_N
ClientSampleId :
C0B31

Tot Ion	Ratio	Resp	Lower	Upper
252	100	222111		
253	23.0		23.4	35.2#
125	9.6		10.2	15.2#

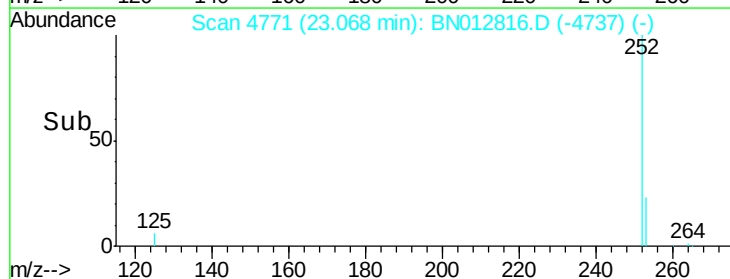
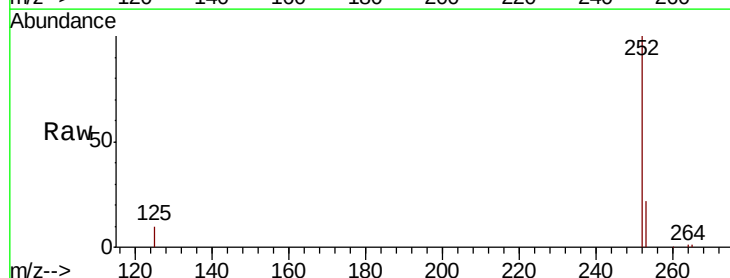
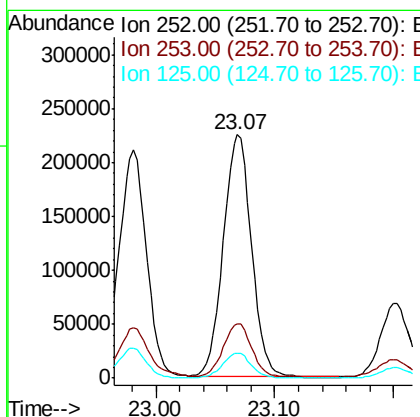
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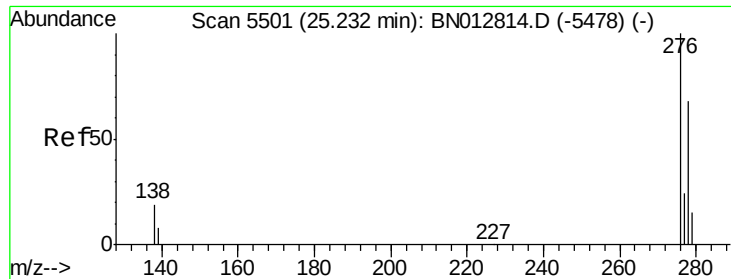
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#23
Benzo(a)pyrene
Concen: 15.903 ng/ul
RT: 23.07 min Scan# 4771
Delta R.T. 0.00 min
Lab File: BN012816.D
Acq: 02 Dec 2020 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	372687		
253	22.4		27.6	41.4#
125	10.2		17.0	25.4#





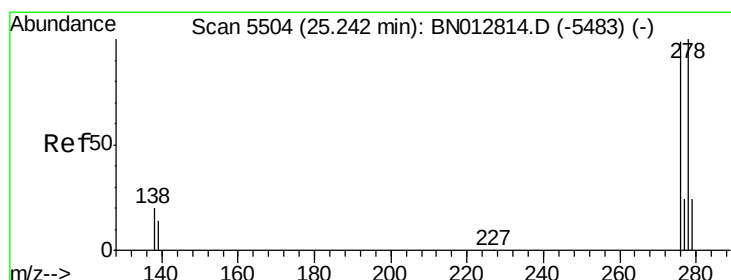
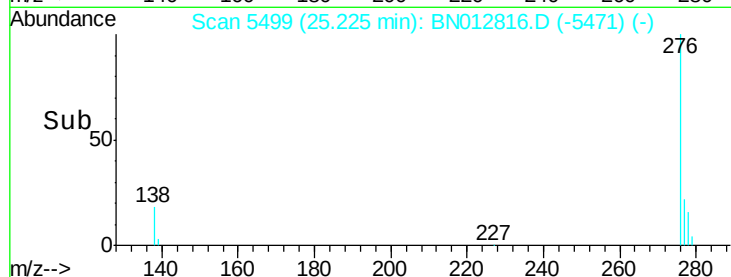
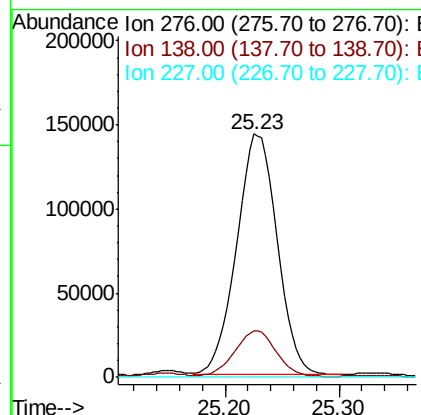
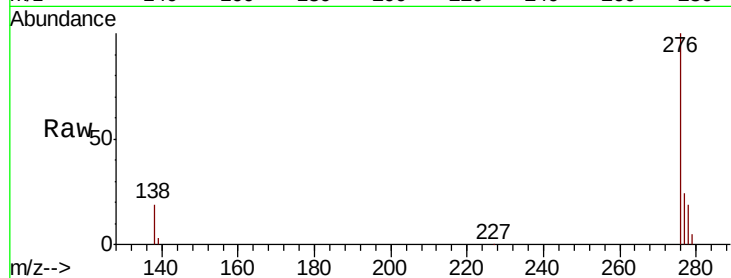
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 11.519 ng/ul
 RT: 25.23 min Scan# 5499
 Delta R.T. -0.01 min
 Lab File: BN012816.D
 Acq: 02 Dec 2020 12:56

Instrument :
 BNA_N
 ClientSampleId :
 C0B31

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.5	24.7
227	0.2	0.1	0.1#

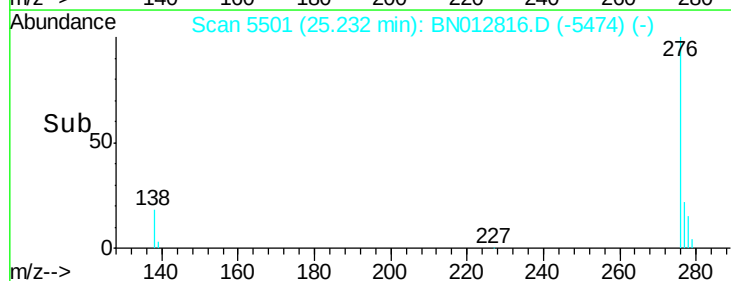
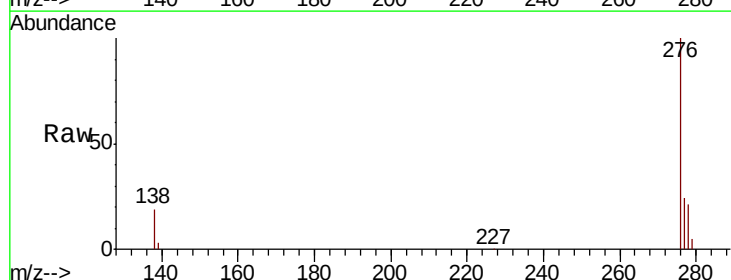
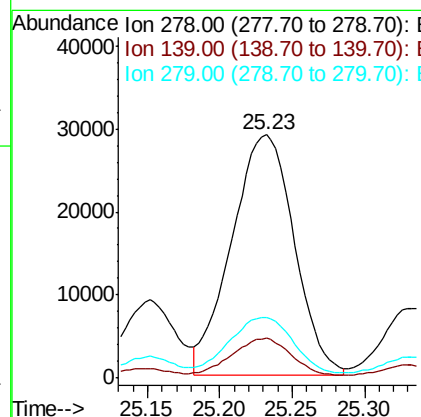
Manual Integrations
 APPROVED

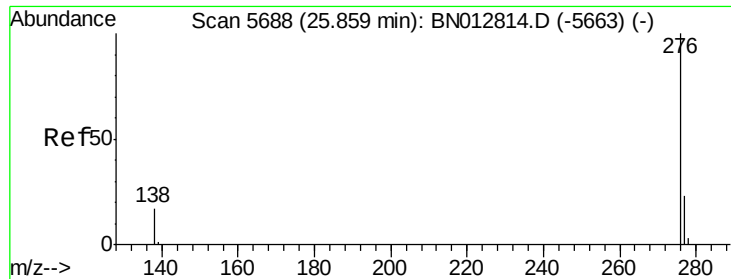
mohammad
 12/3/2020 3:43:31 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 3.525 ng/ul m
 RT: 25.23 min Scan# 5501
 Delta R.T. -0.01 min
 Lab File: BN012816.D
 Acq: 02 Dec 2020 12:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.8	20.8
279	24.9	25.6	38.4#





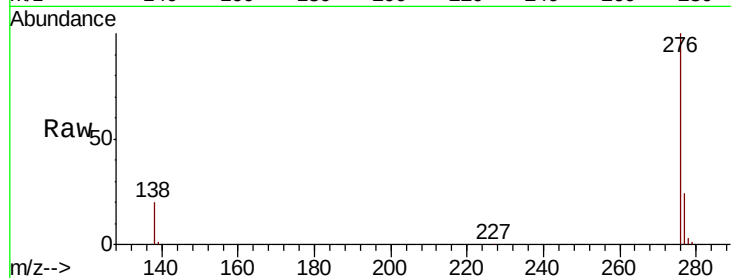
#26
Benzo(a,h,i)perylene
Concen: 10.632 ng/ul
RT: 25.86 min Scan# 5688
Delta R.T. 0.00 min
Lab File: BN012816.D
Acq: 02 Dec 2020 12:56

Instrument :
BNA_N
ClientSampleId :
C0B31

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.7	16.3	24.5
277	23.8	21.8	32.8

Manual Integrations
APPROVED

mohammad
12/3/2020 3:43:31 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

