

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021621\
 Data File : BN013643.D
 Acq On : 16 Feb 2021 17:35
 Operator : CG/JU
 Sample : M1407-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGL8

Manual Integrations
 APPROVED

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Quant Time: Feb 17 03:46:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN020421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 16 16:31:21 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	4521	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	17348	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	12302	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	20739m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	17687	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	16706	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	10382	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	22063	0.43	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.38	128	22688517	502.356	ng/ul#	92
5) 2-Methylnaphthalene	11.98	142	1906054	62.968	ng/ul	99
7) Acenaphthylene	13.90	152	172912	3.770	ng/ul	97
8) Acenaphthene	14.25	153	1436362	35.204	ng/ul	98
9) Fluorene	15.24	166	650104	14.085	ng/ul	98
11) Pentachlorophenol	16.59	266	258738	102.467	ng/ul	100
12) Phenanthrene	16.98	178	659500	10.681	ng/ul	99
13) Anthracene	17.07	178	38498	0.752	ng/ul	97
15) Fluoranthene	19.00	202	9353	0.141	ng/ul	92
17) Pyrene	19.37	202	1806	0.028	ng/ul#	69

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

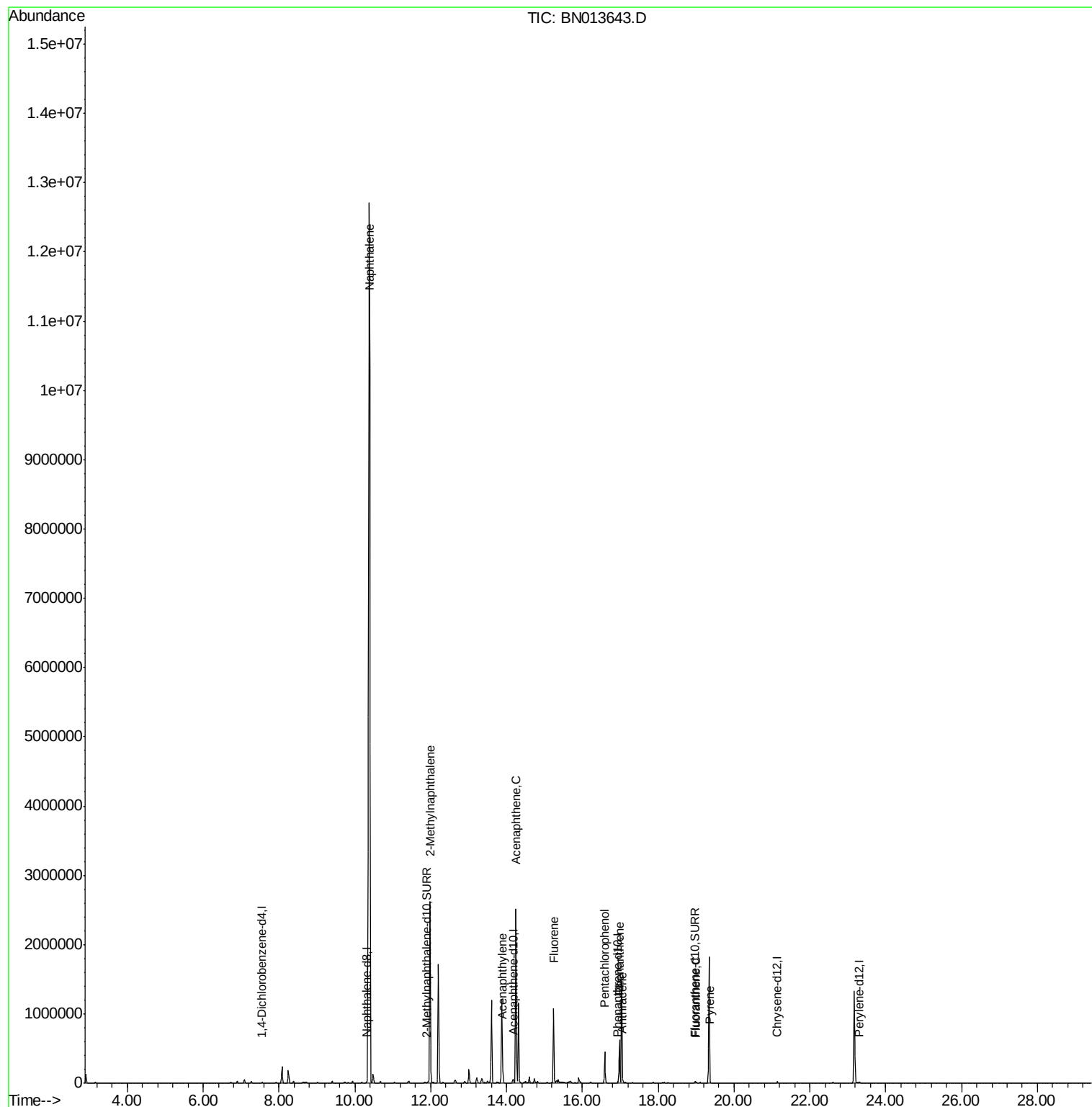
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021621\
Data File : BN013643.D
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Operator : CG/JU
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ALS Vial : 13 Sample Multiplier: 1

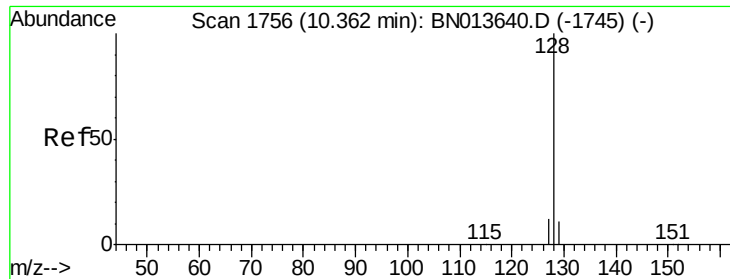
Instrument :
BNA_N
ClientSampleId :
DBGL8

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QLast Update : Tue Feb 16 16:31:21 2021
Response via : Initial Calibration





#3

Naphthalene

Concen: 502.356 ng/ul

RT: 10.38 min Scan# 1759

Delta R.T. 0.02 min

Lab File: BN013643.D

Acq: 16 Feb 2021 17:35

Instrument :

BNA_N

ClientSampleId :

DBGL8

Tot Ion:128 Resp:22688517

Ion Ratio Lower Upper

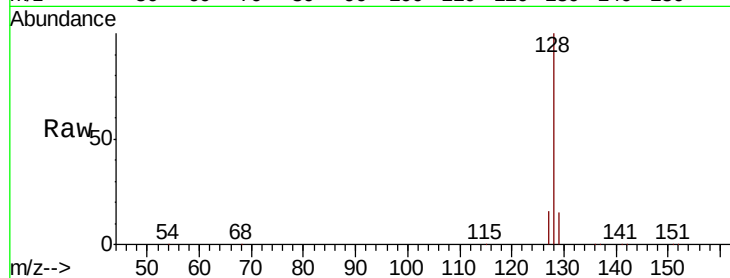
128 100

129 14.7 9.1 13.7#

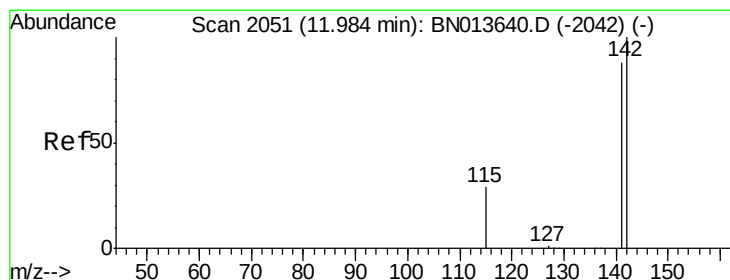
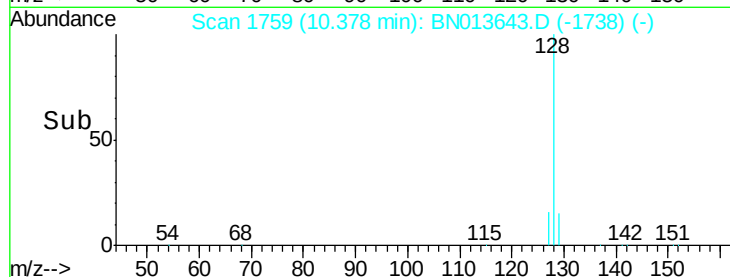
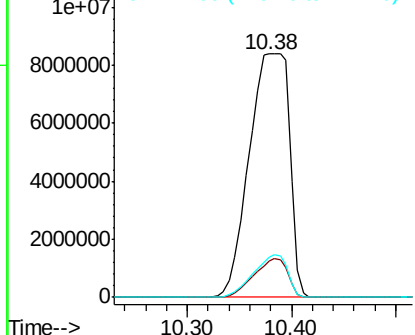
127 16.3 10.8 16.2#

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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



#5

2-Methylnaphthalene

Concen: 62.968 ng/ul

RT: 11.98 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BN013643.D

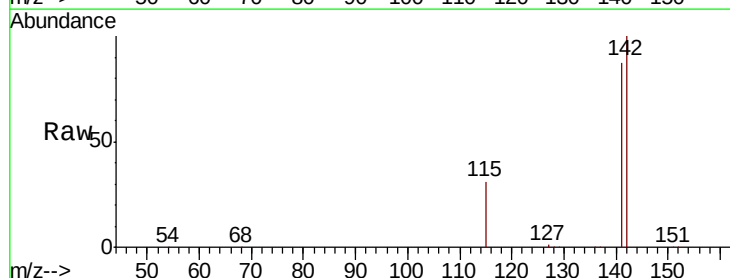
Acq: 16 Feb 2021 17:35

Tgt Ion:142 Resp: 1906054

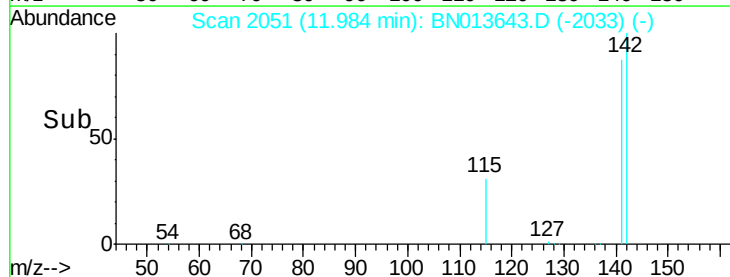
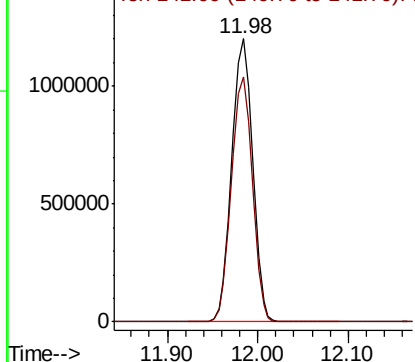
Ion Ratio Lower Upper

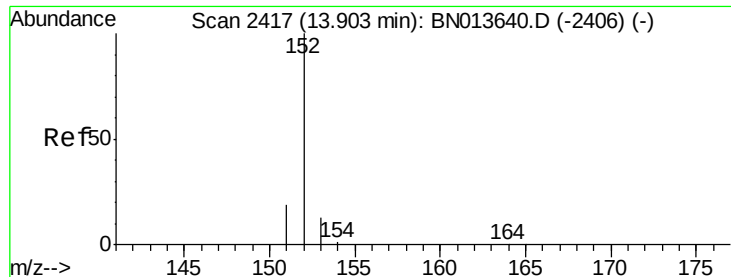
142 100

141 87.1 70.8 106.2



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





#7

Acenaphthylene

Concen: 3.770 ng/ul

RT: 13.90 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BN013643.D

Acq: 16 Feb 2021 17:35

Instrument :

BNA_N

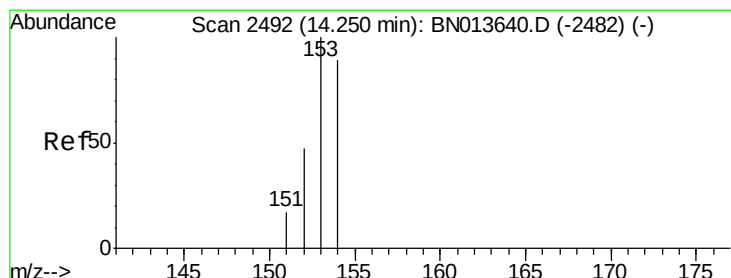
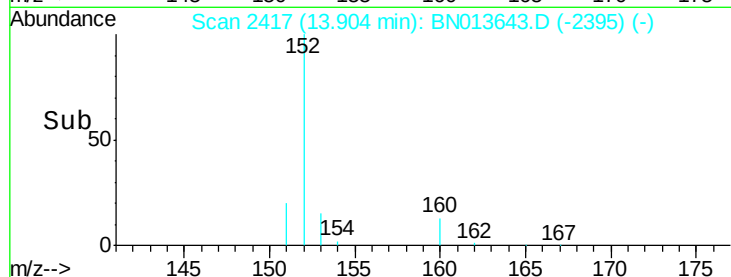
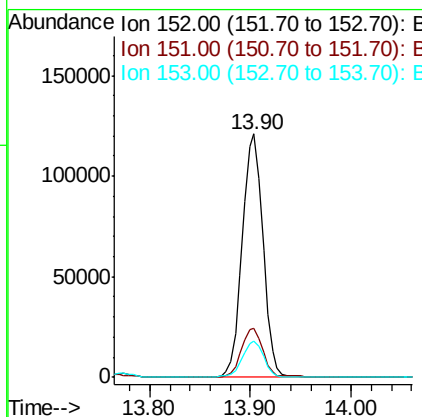
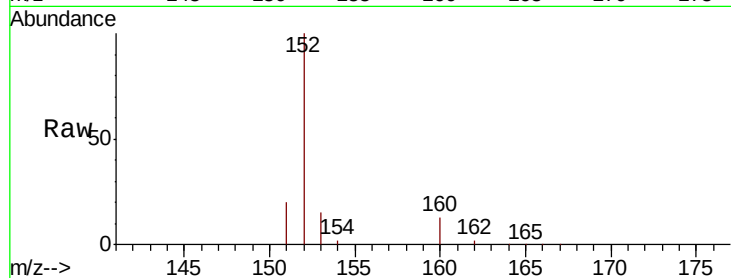
ClientSampleId :

DBGL8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		172912		
151	20.3	15.7	23.5		
153	14.7	10.5	15.7		

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#8

Acenaphthene

Concen: 35.204 ng/ul

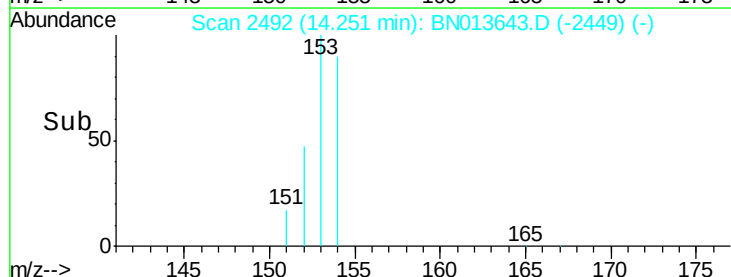
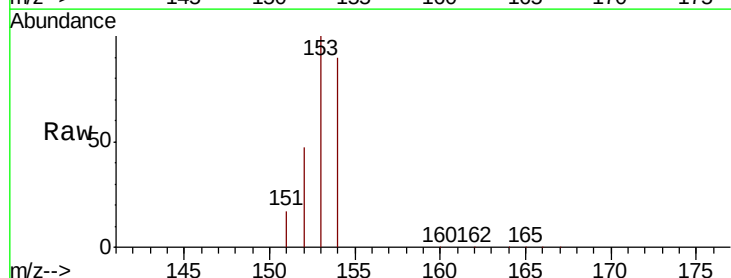
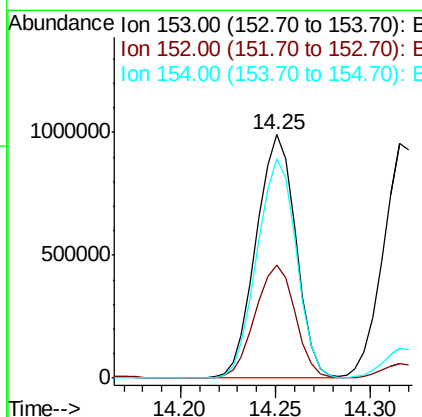
RT: 14.25 min Scan# 2492

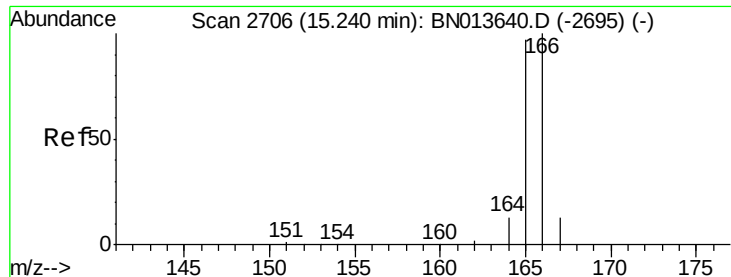
Delta R.T. 0.00 min

Lab File: BN013643.D

Acq: 16 Feb 2021 17:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
153	100		1436362		
152	46.6	39.0	58.4		
154	89.9	71.3	106.9		





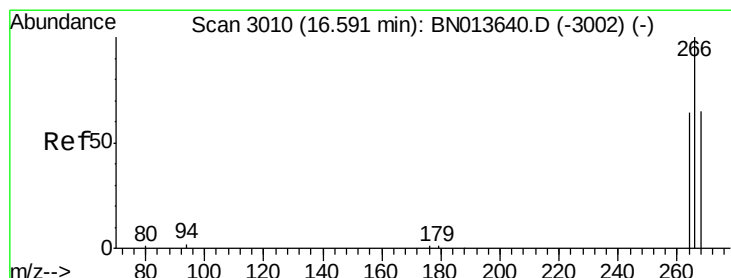
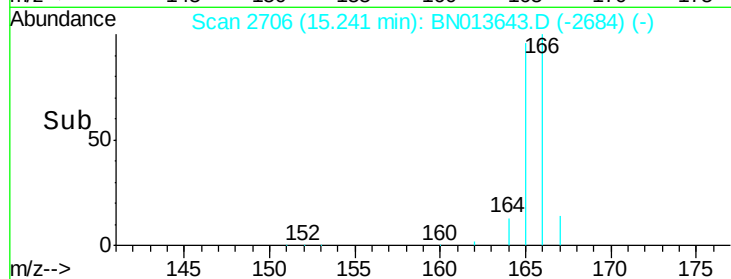
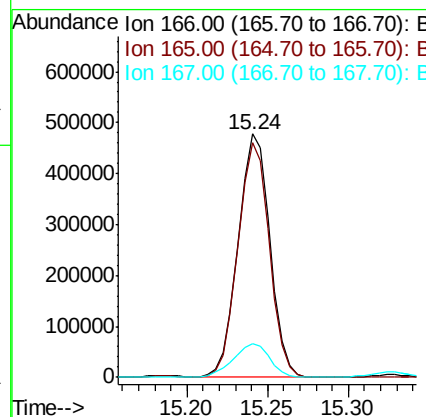
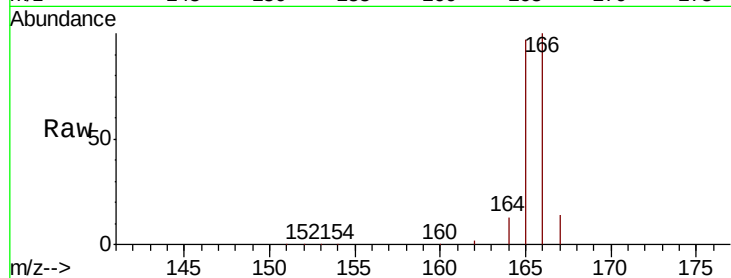
#9
Fluorene
 Concen: 14.085 ng/ul
 RT: 15.24 min Scan# 2706
 Delta R.T. 0.00 min
 Lab File: BN013643.D
 Acq: 16 Feb 2021 17:35

Instrument :
 BNA_N
 ClientSampleId :
 DBGL8

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.9	118.3
167	14.1	11.2	16.8

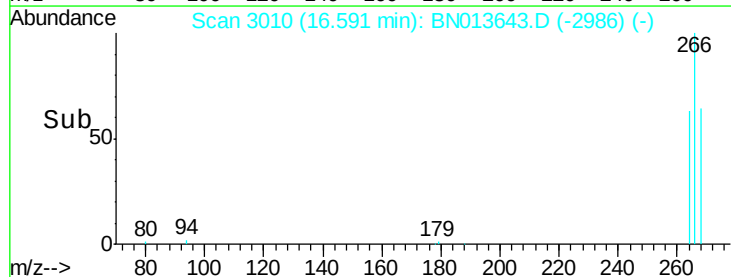
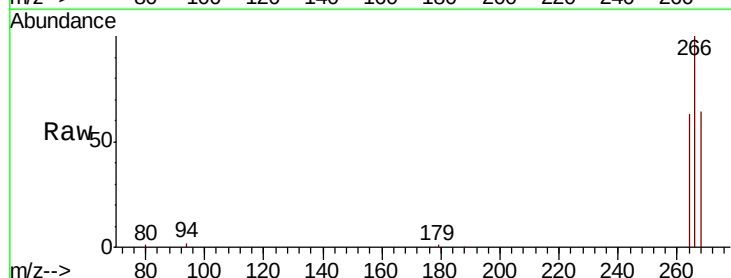
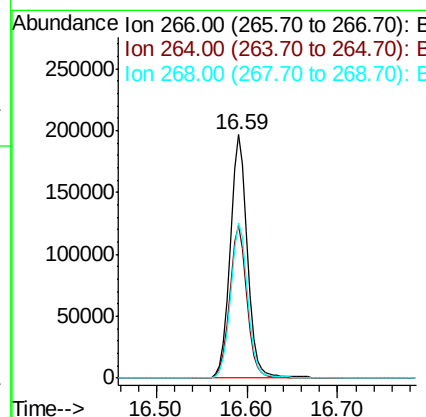
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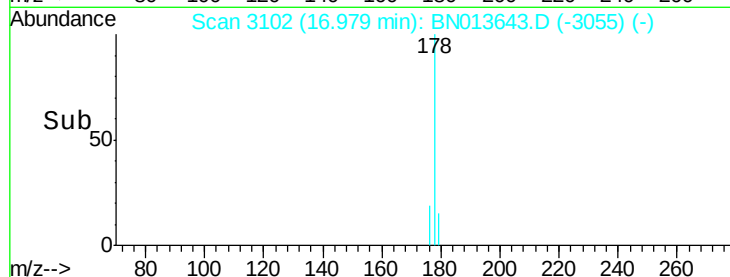
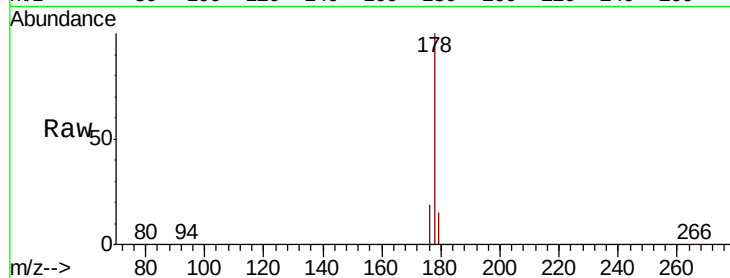
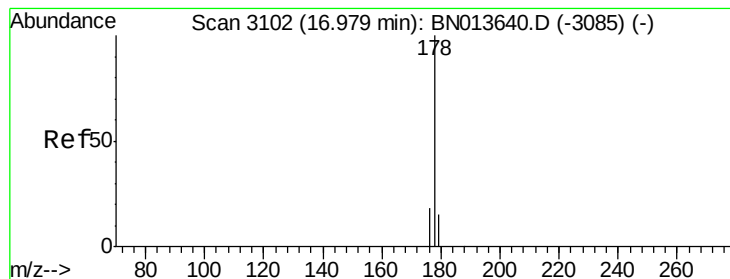
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#11
Pentachlorophenol
 Concen: 102.467 ng/ul
 RT: 16.59 min Scan# 3010
 Delta R.T. 0.00 min
 Lab File: BN013643.D
 Acq: 16 Feb 2021 17:35

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.9	74.9
268	64.0	51.2	76.8





#12

Phenanthrene

Concen: 10.681 ng/ul

RT: 16.98 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BN013643.D

Acq: 16 Feb 2021 17:35

Tot Ion:	178	Resp:	659500
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.5	18.7
176	18.6	15.2	22.8

Instrument :

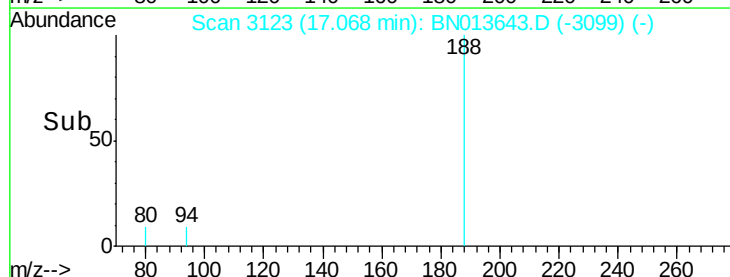
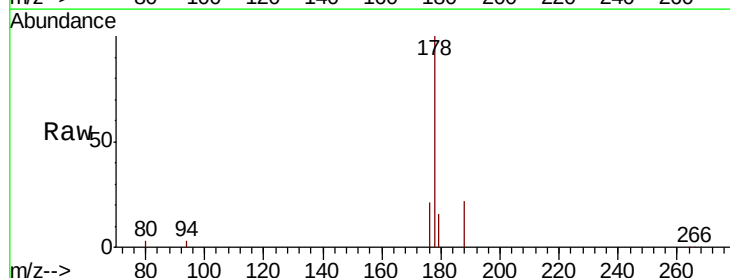
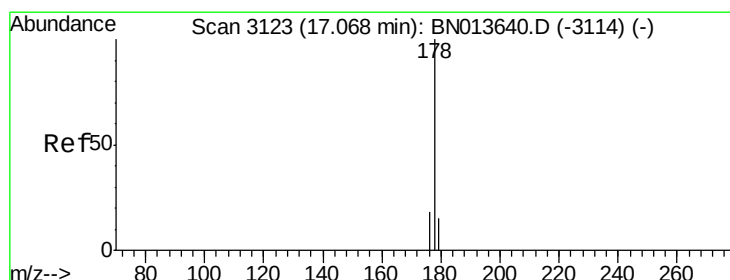
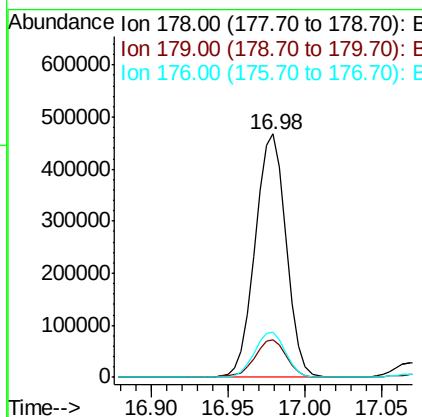
BNA_N

ClientSampleId :

DBGL8

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#13

Anthracene

Concen: 0.752 ng/ul

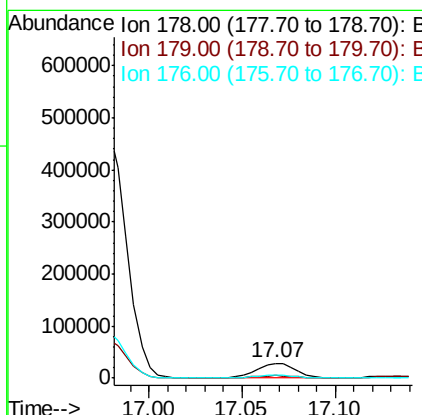
RT: 17.07 min Scan# 3123

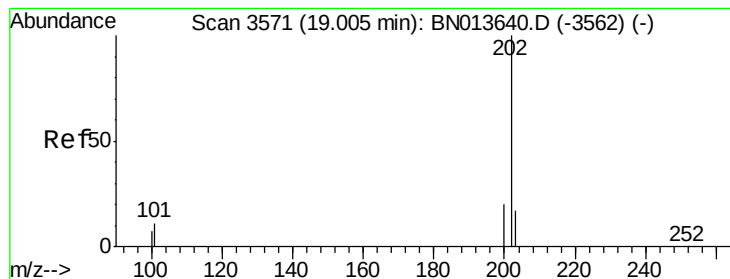
Delta R.T. 0.00 min

Lab File: BN013643.D

Acq: 16 Feb 2021 17:35

Tgt Ion:	178	Resp:	38498
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.4	18.6
176	20.8	15.0	22.4





#15

Fluoranthene

Concen: 0.141 ng/ul

RT: 19.00 min Scan# 3570

Delta R.T. -0.00 min

Lab File: BN013643.D

Acq: 16 Feb 2021 17:35

Instrument :

BNA_N

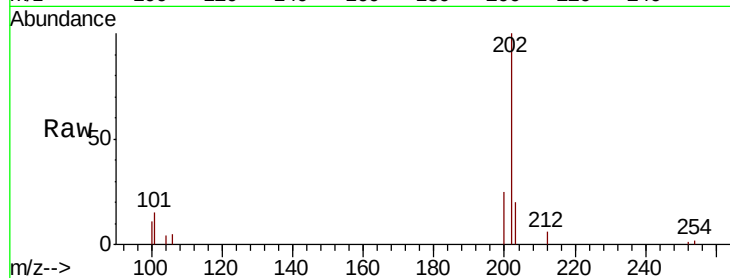
ClientSampleId :

DBGL8

Tot Ion:	202	Resp:	9353
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	31.1
100	10.7	0.0	28.5

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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

19.00

8000

6000

4000

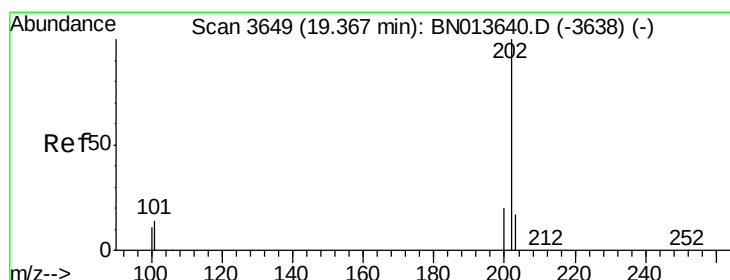
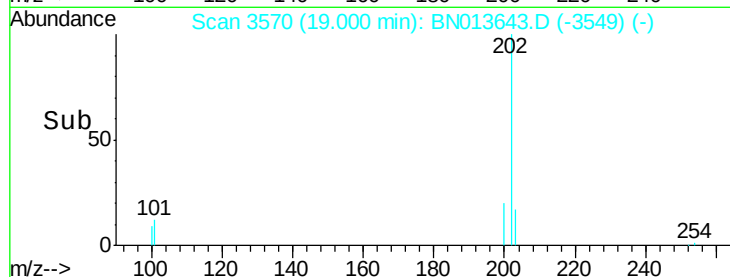
2000

0

18.90

19.00

Time-->



#17

Pyrene

Concen: 0.028 ng/ul

RT: 19.37 min Scan# 3649

Delta R.T. 0.00 min

Lab File: BN013643.D

Acq: 16 Feb 2021 17:35

Tgt Ion:	202	Resp:	1806
Ion Ratio	Lower	Upper	
202	100		
101	24.9	10.8	16.2#
100	23.7	8.6	12.8#

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

25000

20000

15000

10000

5000

0

19.35

19.37

19.40

Time-->

