

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\
 Data File : BN013240.D
 Acq On : 21 Dec 2020 14:35
 Operator : CG/JU
 Sample : L5151-06DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE8DL

Manual Integrations
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Quant Time: Dec 21 15:10:09 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 : Mon Dec 21 10:25:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	956	0.40	ng/ul	0.00
2) Naphthalene-d8	10.09	136	2970	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.00	164	1671	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	3369	0.40	ng/ul	0.00
16) Chrysene-d12	20.99	240	2657	0.40	ng/ul	0.00
20) Perylene-d12	23.08	264	2839	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.70	152	166	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	350	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.14	128	3941	0.459	ng/ul	95
5) 2-Methylnaphthalene	11.78	142	3010	0.533	ng/ul	99
7) Acenaphthylene	13.72	152	2350	0.297	ng/ul	97
8) Acenaphthene	14.07	153	798	0.123	ng/ul	97
9) Fluorene	15.06	166	1277	0.172	ng/ul#	98
12) Phenanthrene	16.81	178	23416	2.073	ng/ul	97
13) Anthracene	16.90	178	5511	0.573	ng/ul	97
15) Fluoranthene	18.84	202	55456	4.131	ng/ul	99
17) Pyrene	19.20	202	47629	3.795	ng/ul	97
18) Benzo(a)anthracene	20.98	228	33215	3.022	ng/ul	99
19) Chrysene	21.03	228	32512	2.677	ng/ul	98
21) Benzo(b)fluoranthene	22.47	252	54414m	4.143	ng/ul	
22) Benzo(k)fluoranthene	22.50	252	19260m	1.327	ng/ul	
23) Benzo(a)pyrene	22.99	252	37000m	3.036	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.11	276	26148	1.633	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.12	278	6473	0.511	ng/ul#	95
26) Benzo(a,h,i)perylene	25.74	276	20686	1.429	ng/ul	98

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

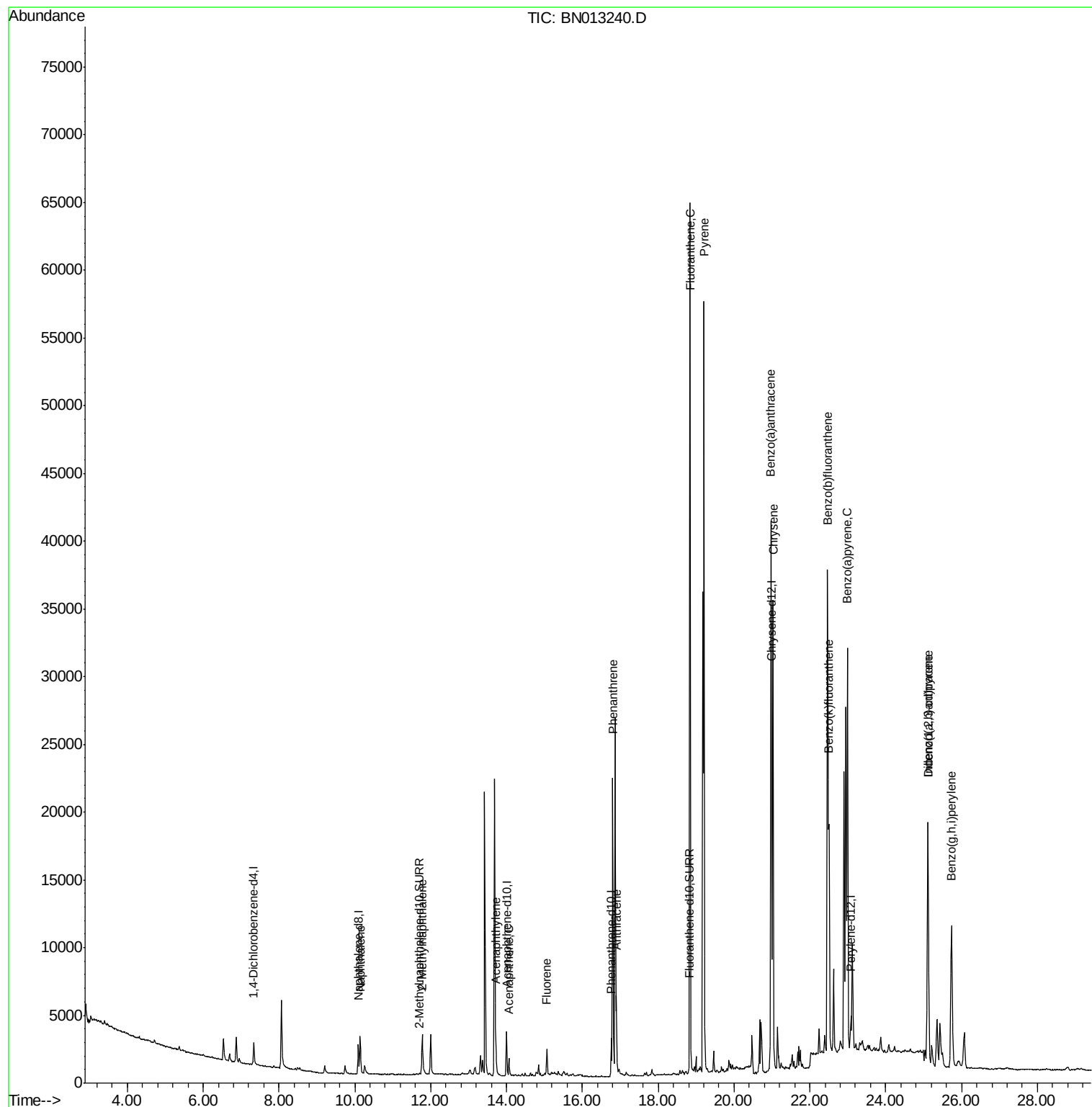
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\
Data File : BN013240.D
Acq On : 21 Dec 2020 14:35
Operator : CG/JU
Sample : L5151-06DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

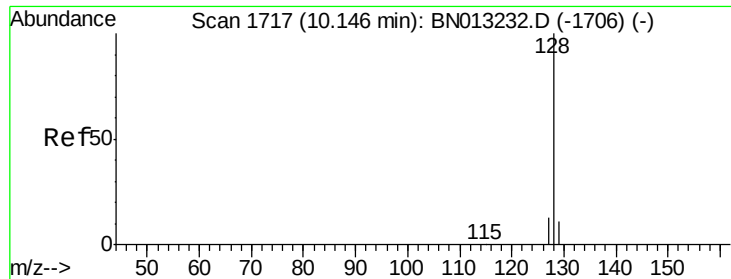
Instrument :
BNA_N
ClientSampleId :
C0AE8DL

Manual Integrations
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Quant Time: Dec 21 15:10:09 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 : Mon Dec 21 10:25:14 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.459 ng/ul

RT: 10.14 min Scan# 1716

Delta R.T. -0.00 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

Instrument :

BNA_N

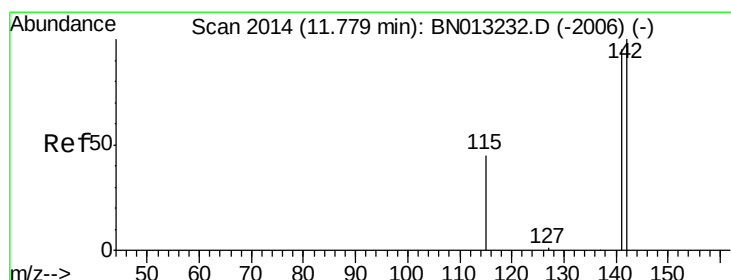
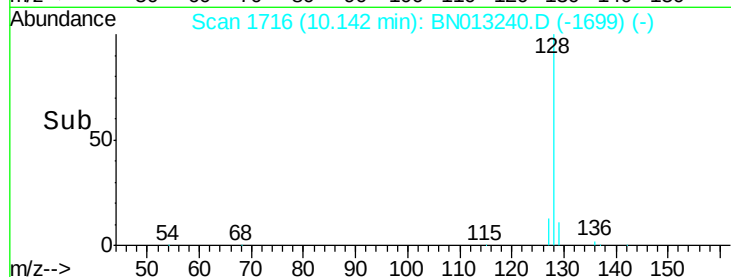
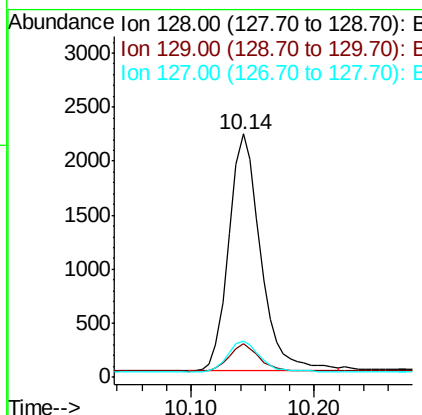
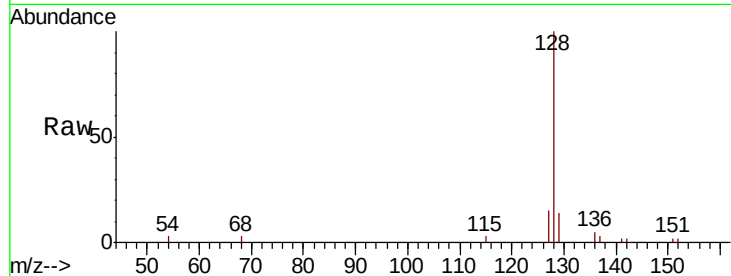
ClientSampleId :

C0AE8DL

Tot Ion:	128	Resp:	3941
Ion Ratio	Lower	Upper	
128	100		
129	13.6	12.3	18.5
127	15.0	14.2	21.4

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#5

2-Methylnaphthalene

Concen: 0.533 ng/ul

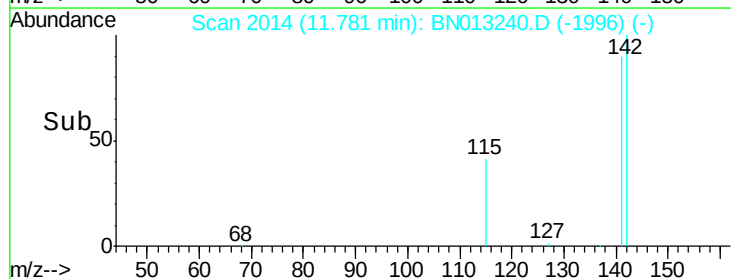
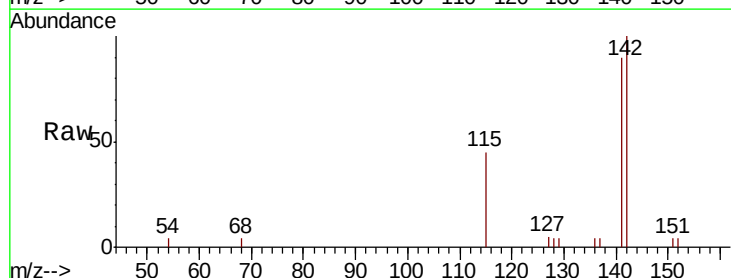
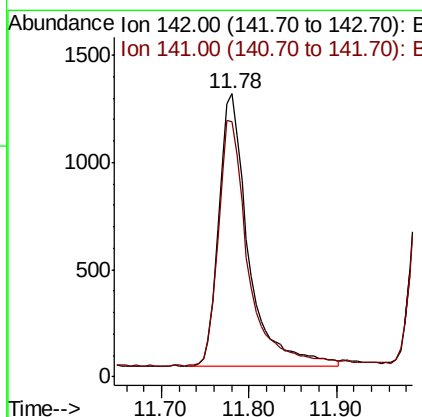
RT: 11.78 min Scan# 2014

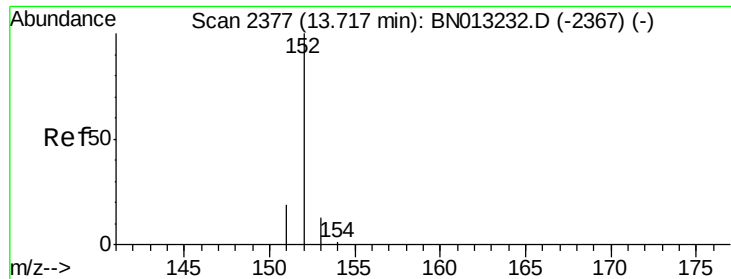
Delta R.T. 0.00 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

Tgt Ion:	142	Resp:	3010
Ion Ratio	Lower	Upper	
142	100		
141	90.5	73.0	109.6





#7

Acenaphthylene

Concen: 0.297 ng/ul

RT: 13.72 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

Instrument :

BNA_N

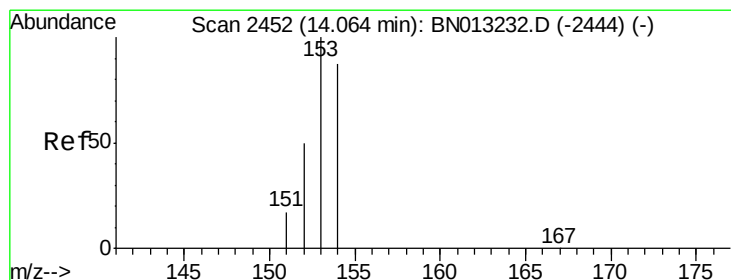
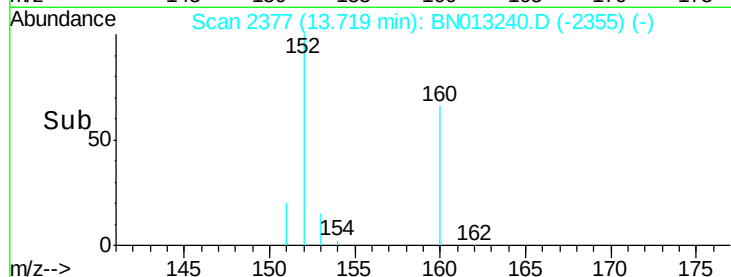
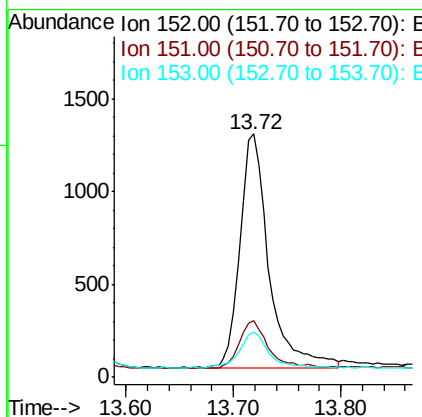
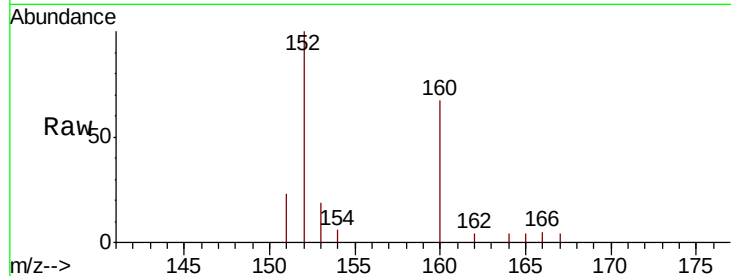
ClientSampleId :

C0AE8DL

Tot Ion:	152	Resp:	2350
Ion Ratio	Lower	Upper	
152	100		
151	23.2	18.2	27.4
153	18.8	13.1	19.7

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#8

Acenaphthene

Concen: 0.123 ng/ul

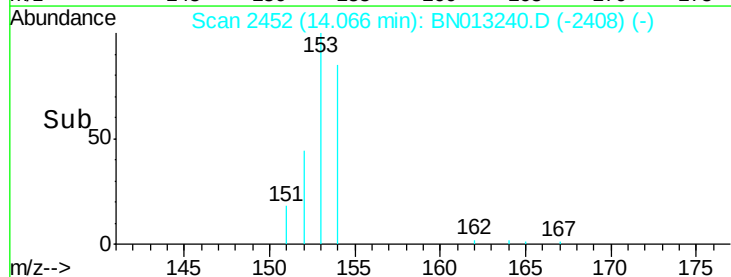
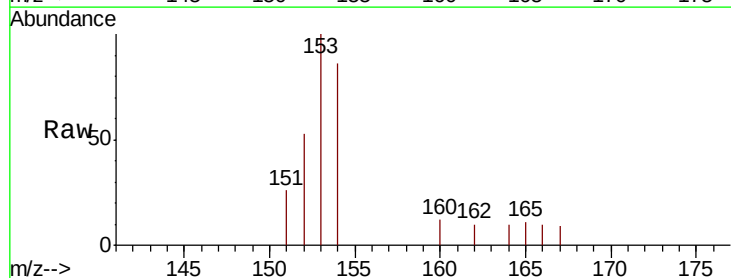
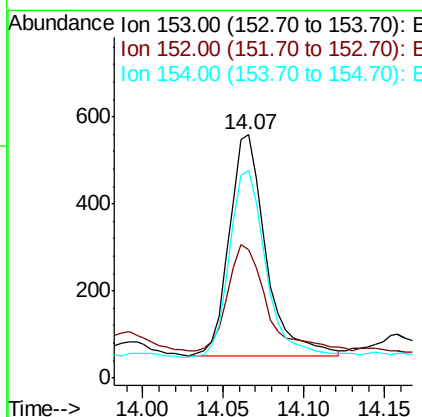
RT: 14.07 min Scan# 2452

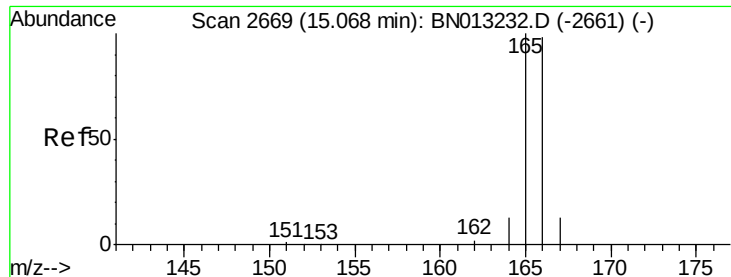
Delta R.T. 0.00 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

Tgt Ion:	153	Resp:	798
Ion Ratio	Lower	Upper	
153	100		
152	53.0	40.7	61.1
154	85.5	70.8	106.2





#9

Fluorene

Concen: 0.172 ng/ul

RT: 15.06 min Scan# 2668

Delta R.T. -0.00 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

Instrument :

BNA_N

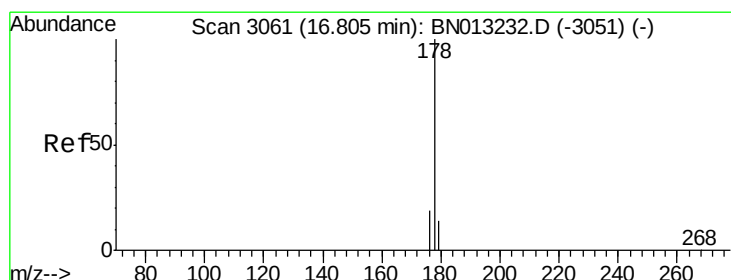
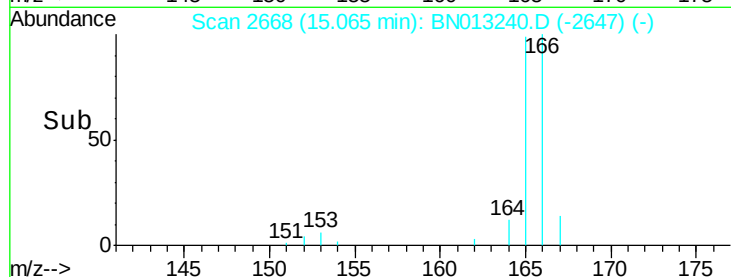
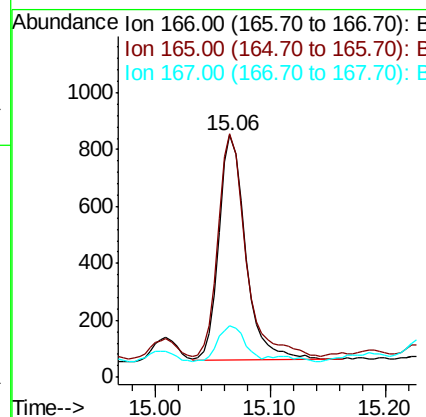
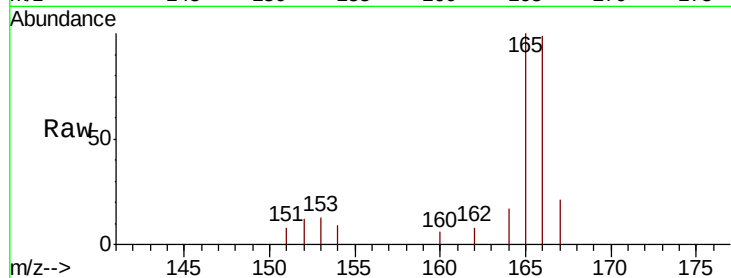
ClientSampleId :

C0AE8DL

Tot Ion:	166	Resp:	1277
Ion Ratio	Lower	Upper	
166	100		
165	100.7	79.8	119.8
167	21.1	13.8	20.8

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#12

Phenanthrene

Concen: 2.073 ng/ul

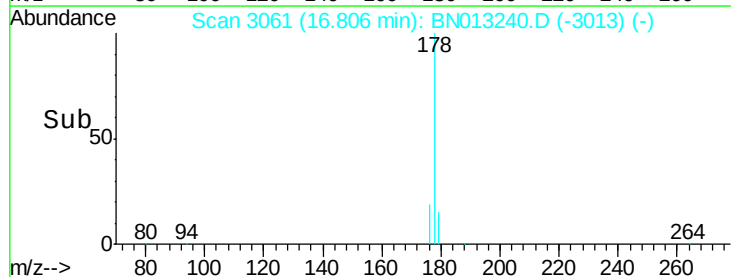
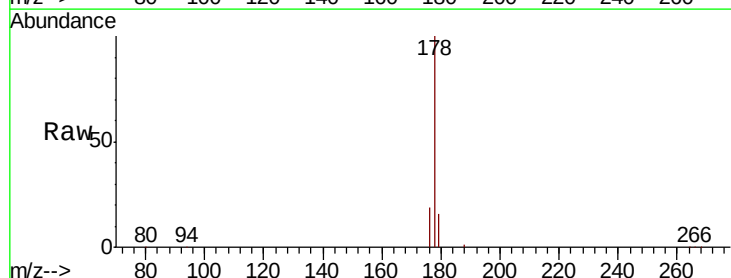
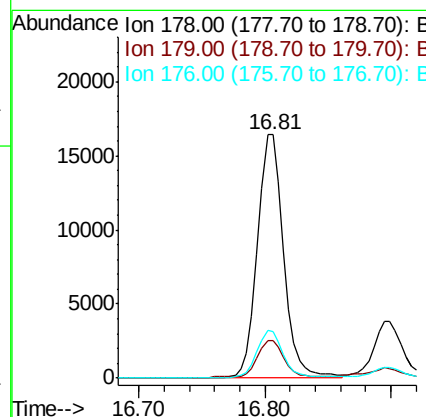
RT: 16.81 min Scan# 3061

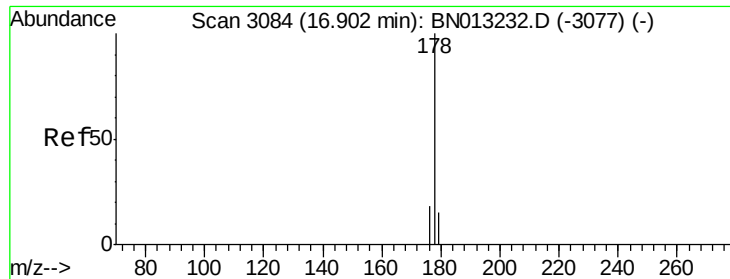
Delta R.T. 0.00 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

Tgt Ion:	178	Resp:	23416
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.6	20.4
176	19.0	16.4	24.6





#13

Anthracene

Concen: 0.573 ng/ul

RT: 16.90 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

Instrument :

BNA_N

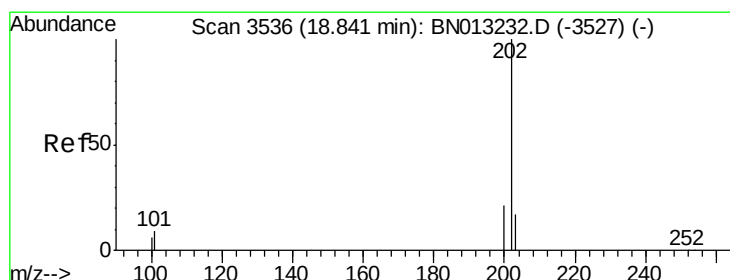
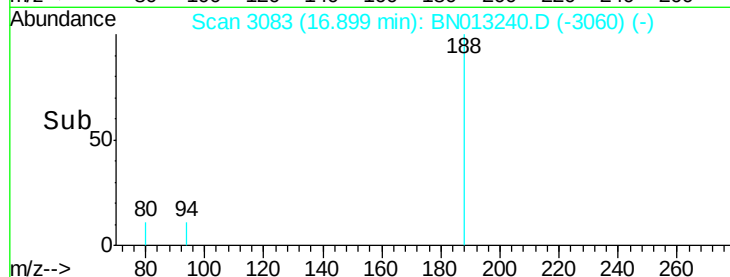
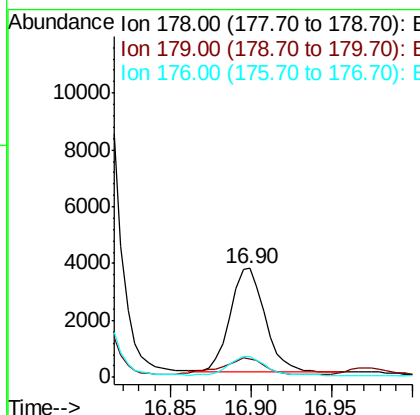
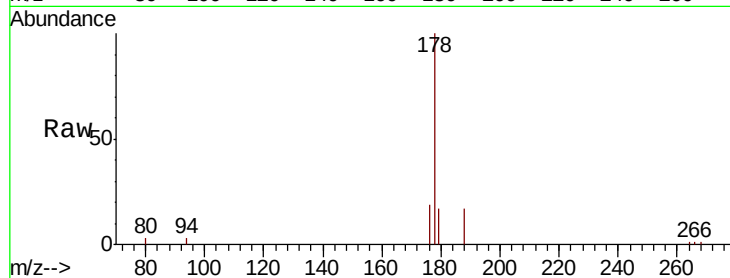
ClientSampleId :

C0AE8DL

Tot Ion:	178	Resp:	5511
Ion Ratio	Lower	Upper	
178	100		
179	17.3	14.6	21.8
176	19.3	17.1	25.7

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#15

Fluoranthene

Concen: 4.131 ng/ul

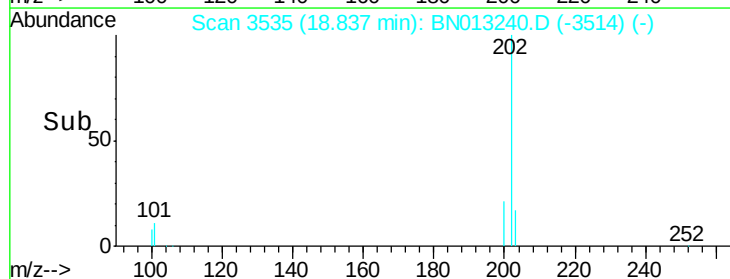
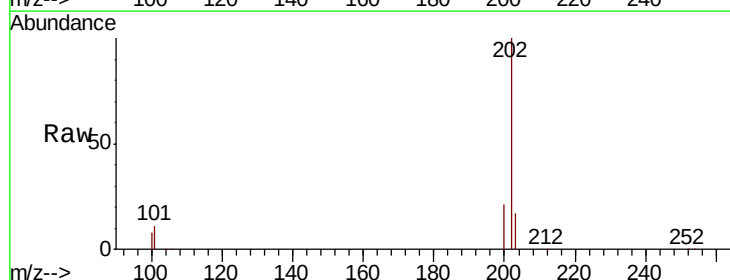
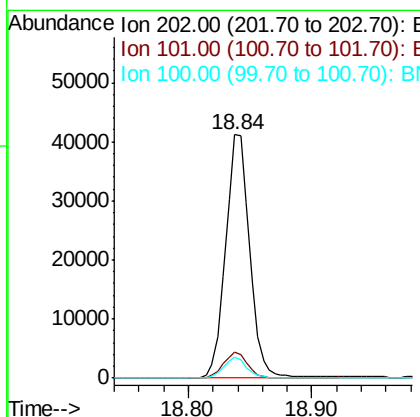
RT: 18.84 min Scan# 3535

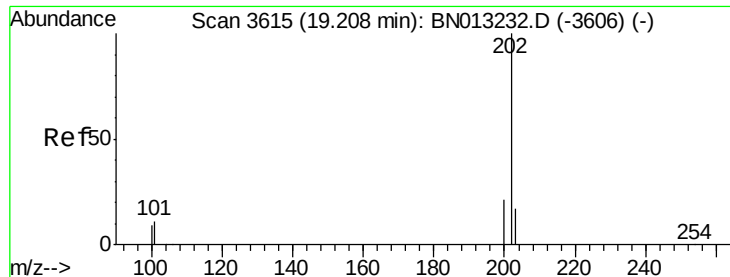
Delta R.T. -0.00 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

Tgt Ion:	202	Resp:	55456
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	30.6
100	8.4	0.0	28.7





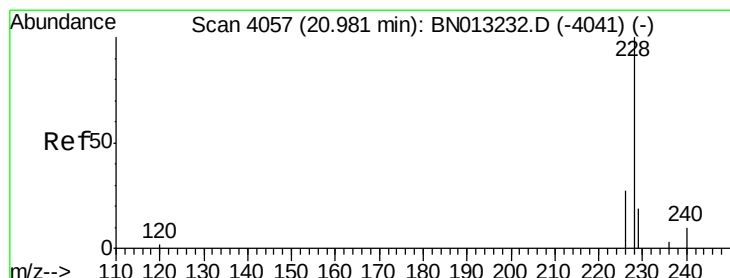
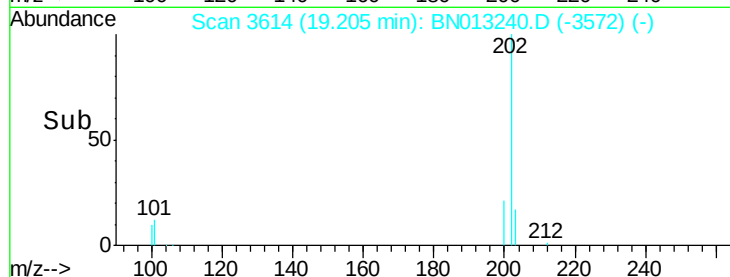
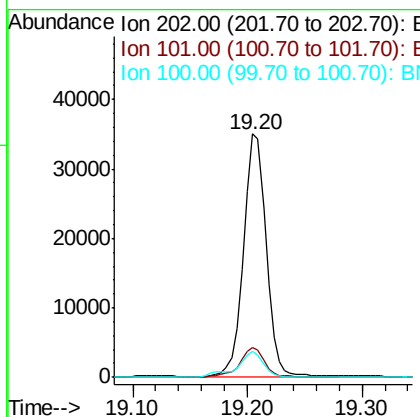
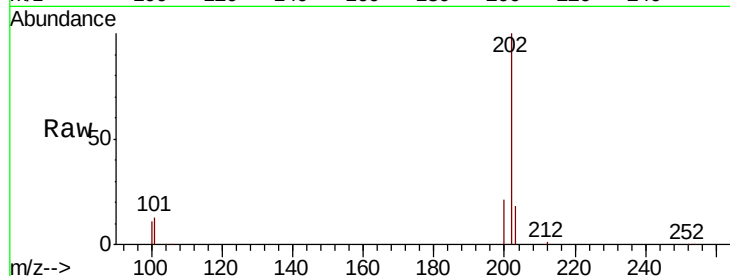
#17
Pvrene
Concen: 3.795 ng/ul
RT: 19.20 min Scan# 3614
Delta R.T. -0.00 min
Lab File: BN013240.D
Acq: 21 Dec 2020 14:35

Instrument :
BNA_N
ClientSampleId :
C0AE8DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	9.1	13.7
100	10.5	7.5	11.3

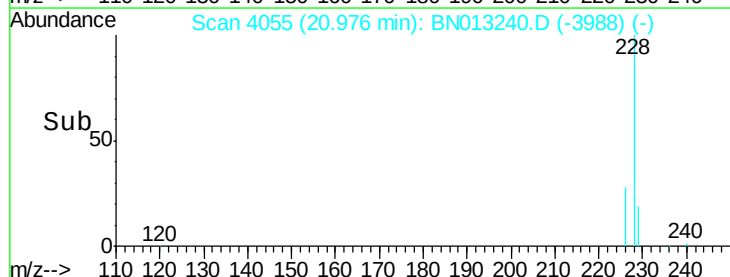
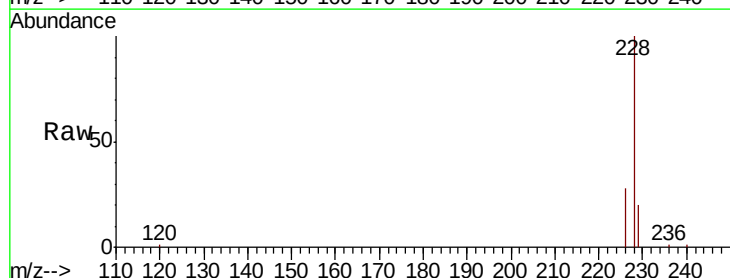
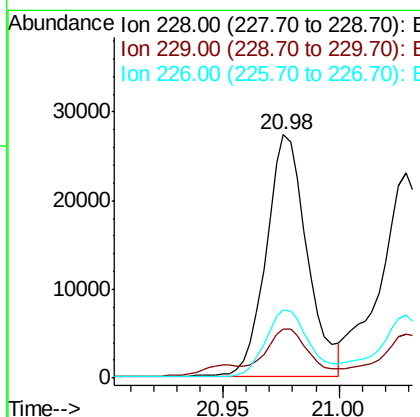
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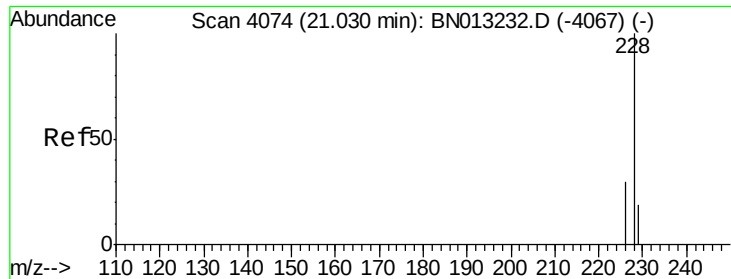
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#18
Benzo(a)anthracene
Concen: 3.022 ng/ul
RT: 20.98 min Scan# 4055
Delta R.T. -0.00 min
Lab File: BN013240.D
Acq: 21 Dec 2020 14:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	16.3	24.5
226	28.3	23.4	35.2





#19

Chrysene

Concen: 2.677 ng/ul

RT: 21.03 min Scan# 4073

Delta R.T. -0.00 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

Instrument :

BNA_N

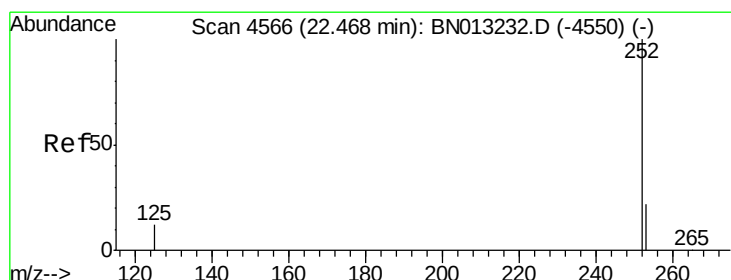
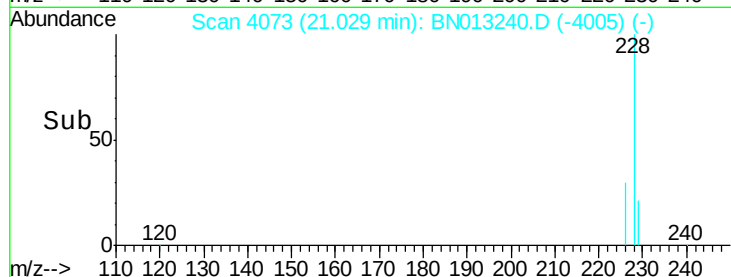
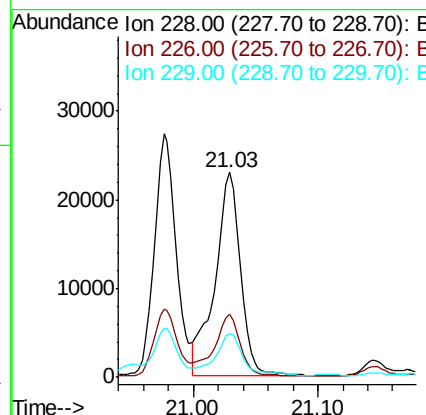
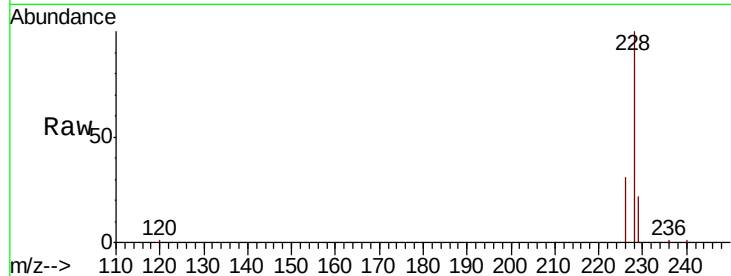
ClientSampleId :

C0AE8DL

Tot Ion:	228	Resp:	32512
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	21.7	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 4.143 ng/ul m

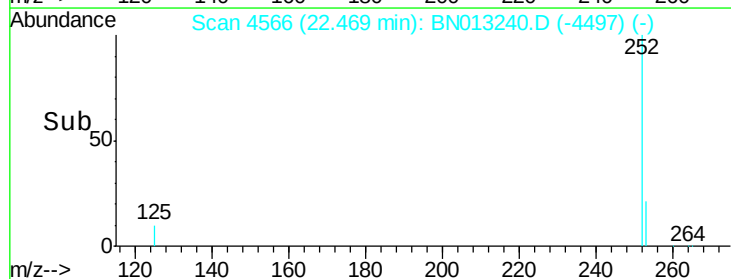
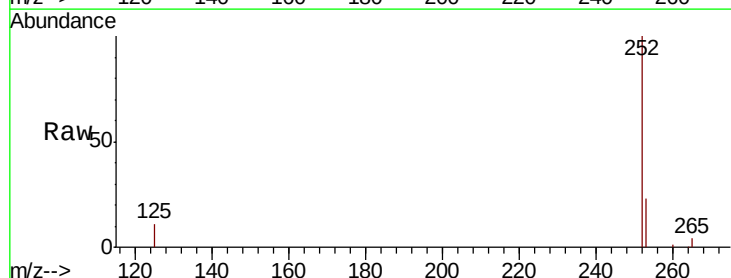
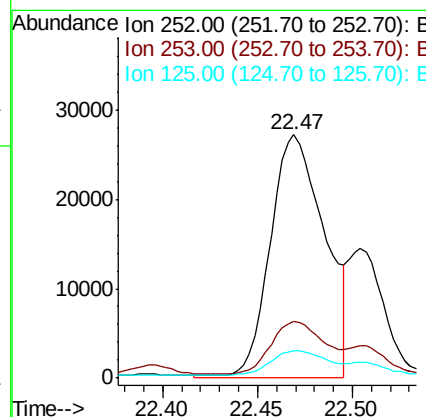
RT: 22.47 min Scan# 4566

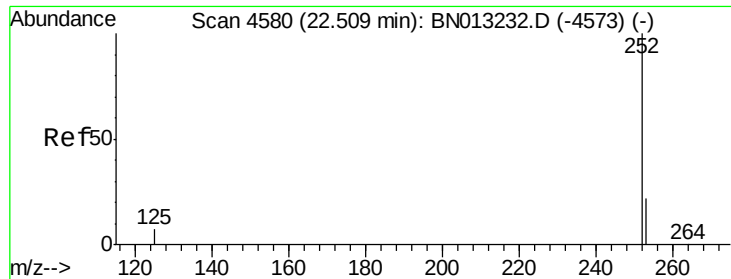
Delta R.T. 0.00 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

Tgt Ion:	252	Resp:	54414
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	59.6
125	11.4	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 1.327 ng/ul m

RT: 22.50 min Scan# 4578

Delta R.T. -0.00 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

Instrument :

BNA_N

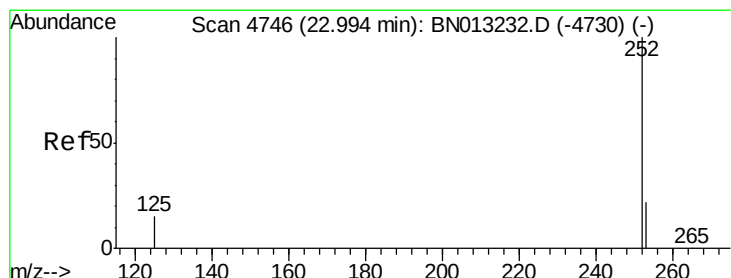
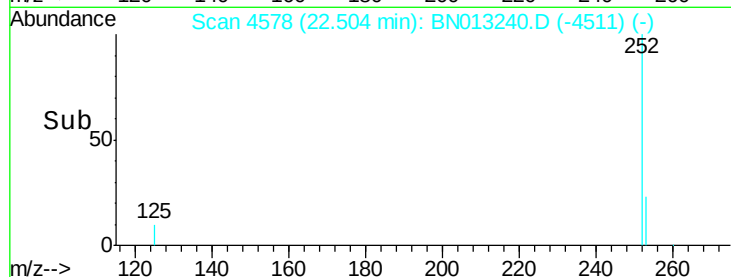
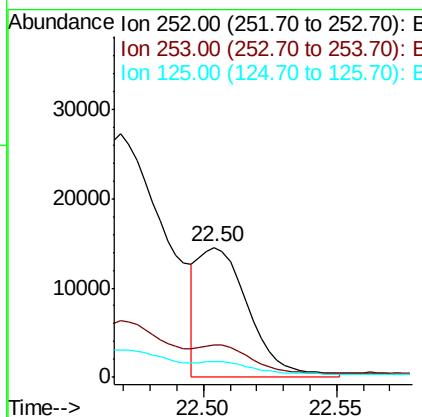
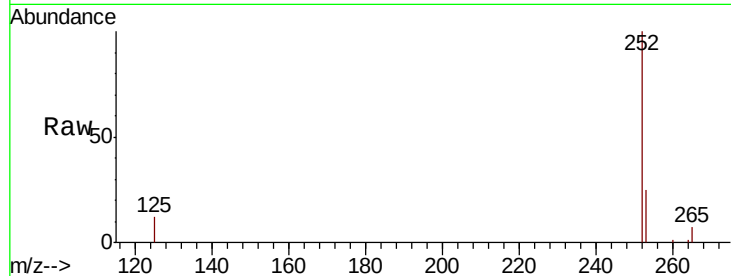
ClientSampleId :

C0AE8DL

Tot Ion:	252	Resp:	19260
Ion Ratio	Lower	Upper	
252	100		
253	24.8	23.4	35.2
125	12.0	11.1	16.7

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#23

Benzo(a)pyrene

Concen: 3.036 ng/ul m

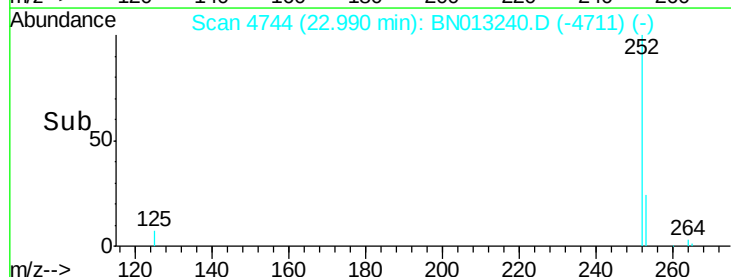
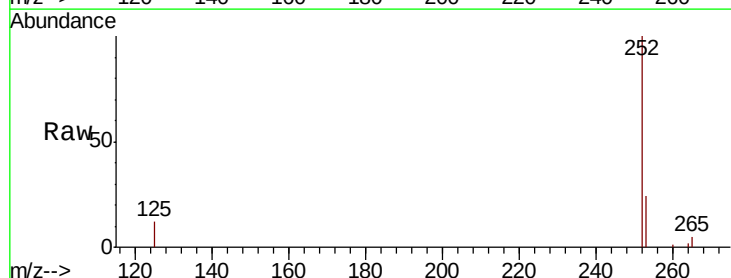
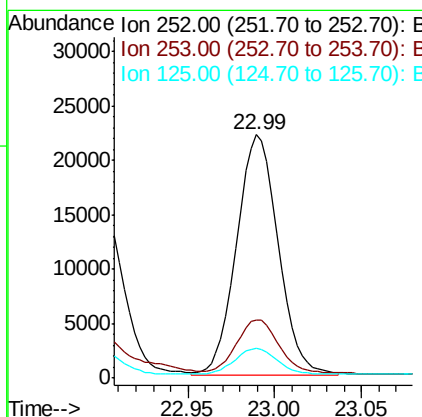
RT: 22.99 min Scan# 4744

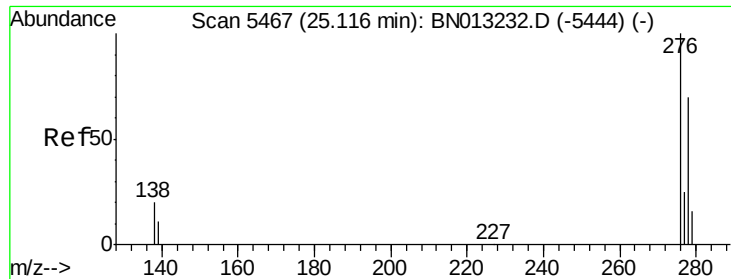
Delta R.T. -0.00 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

Tgt Ion:	252	Resp:	37000
Ion Ratio	Lower	Upper	
252	100		
253	24.0	26.5	39.7#
125	12.2	14.2	21.2#





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.633 ng/ul

RT: 25.11 min Scan# 5465

Delta R.T. -0.01 min

Lab File: BN013240.D

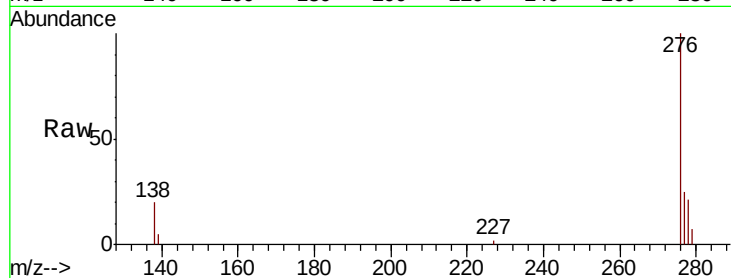
Acq: 21 Dec 2020 14:35

Instrument :
BNA_N
ClientSampleId :
C0AE8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.2	24.2
227	0.2	0.0	0.0#

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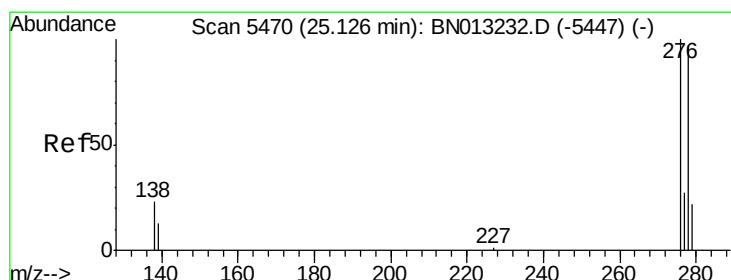
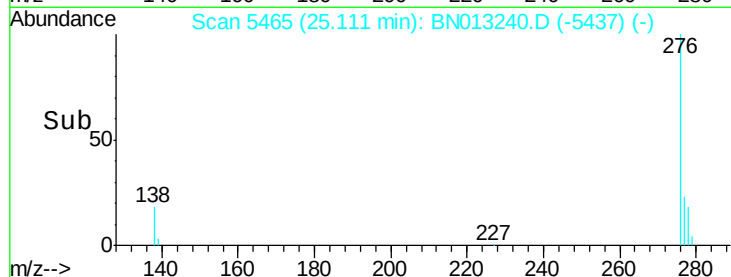
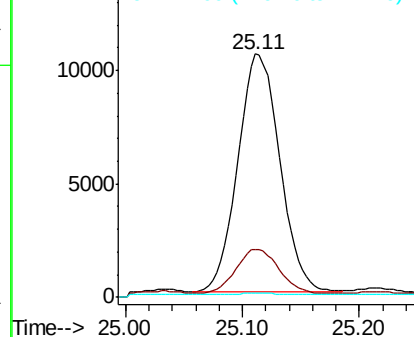


Abundance

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: 0.511 ng/ul

RT: 25.12 min Scan# 5467

Delta R.T. -0.01 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

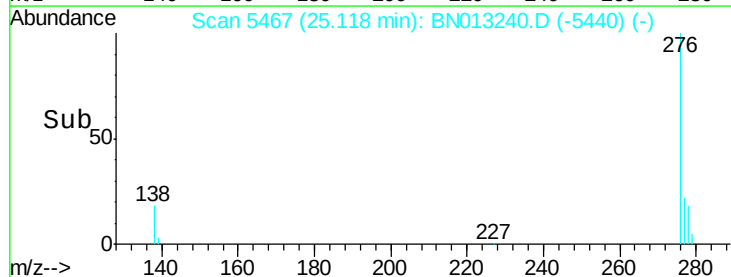
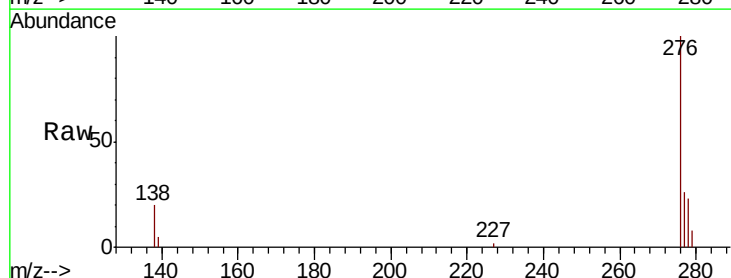
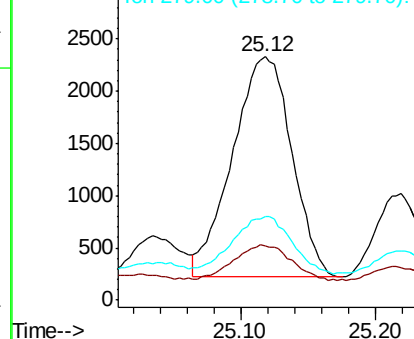
Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	14.5	21.7#
279	34.4	26.3	39.5

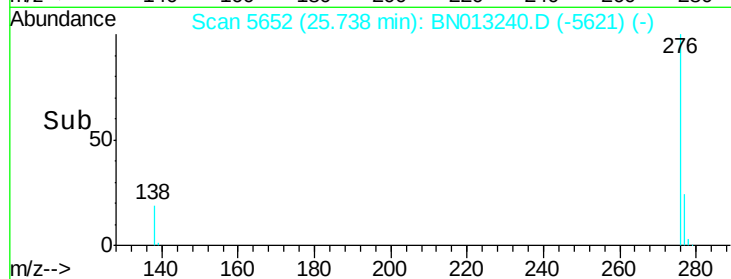
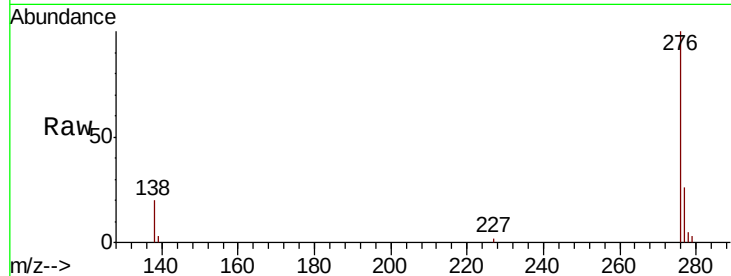
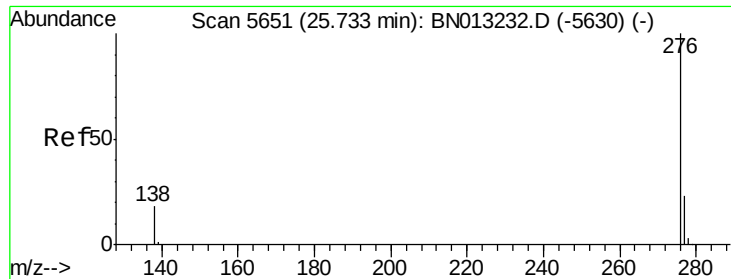
Abundance

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: 1.429 ng/ul

RT: 25.74 min Scan# 5652

Delta R.T. 0.00 min

Lab File: BN013240.D

Acq: 21 Dec 2020 14:35

Tot Ion:	276	Resp:	20686
Ion Ratio	Lower	Upper	
276	100		
138	20.5	16.3	24.5
277	25.8	21.8	32.6

Instrument :

BNA_N

ClientSampleId :

C0AE8DL

Manual Integrations
APPROVED

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12/22/2020 2:39:43 PM

