

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\
 Data File : BN013238.D
 Acq On : 21 Dec 2020 13:23
 Operator : CG/JU
 Sample : L5151-04DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE6DL

Manual Integrations
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Quant Time: Dec 21 13:58:56 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	944	0.40	ng/ul	0.00
2) Naphthalene-d8	10.09	136	3286	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.00	164	1779	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	3531	0.40	ng/ul	0.00
16) Chrysene-d12	20.99	240	2739	0.40	ng/ul	0.00
20) Perylene-d12	23.08	264	2949	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.70	152	187	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	338	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.14	128	4090	0.430	ng/ul	95
5) 2-Methylnaphthalene	11.78	142	3441	0.551	ng/ul	98
7) Acenaphthylene	13.72	152	1484	0.176	ng/ul#	91
8) Acenaphthene	14.07	153	379	0.055	ng/ul	91
9) Fluorene	15.06	166	630	0.079	ng/ul#	85
12) Phenanthrene	16.81	178	20513	1.733	ng/ul	97
13) Anthracene	16.90	178	4378	0.435	ng/ul	97
15) Fluoranthene	18.84	202	67962	4.831	ng/ul	99
17) Pyrene	19.20	202	56113	4.337	ng/ul	96
18) Benzo(a)anthracene	20.98	228	33852	2.987	ng/ul	99
19) Chrysene	21.03	228	37243	2.975	ng/ul	99
21) Benzo(b)fluoranthene	22.47	252	60795m	4.456	ng/ul	
22) Benzo(k)fluoranthene	22.50	252	23927m	1.587	ng/ul	
23) Benzo(a)pyrene	22.99	252	42844m	3.384	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.11	276	34671	2.085	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.12	278	8122	0.618	ng/ul	97
26) Benzo(a,h,i)perylene	25.73	276	29133	1.937	ng/ul	96

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

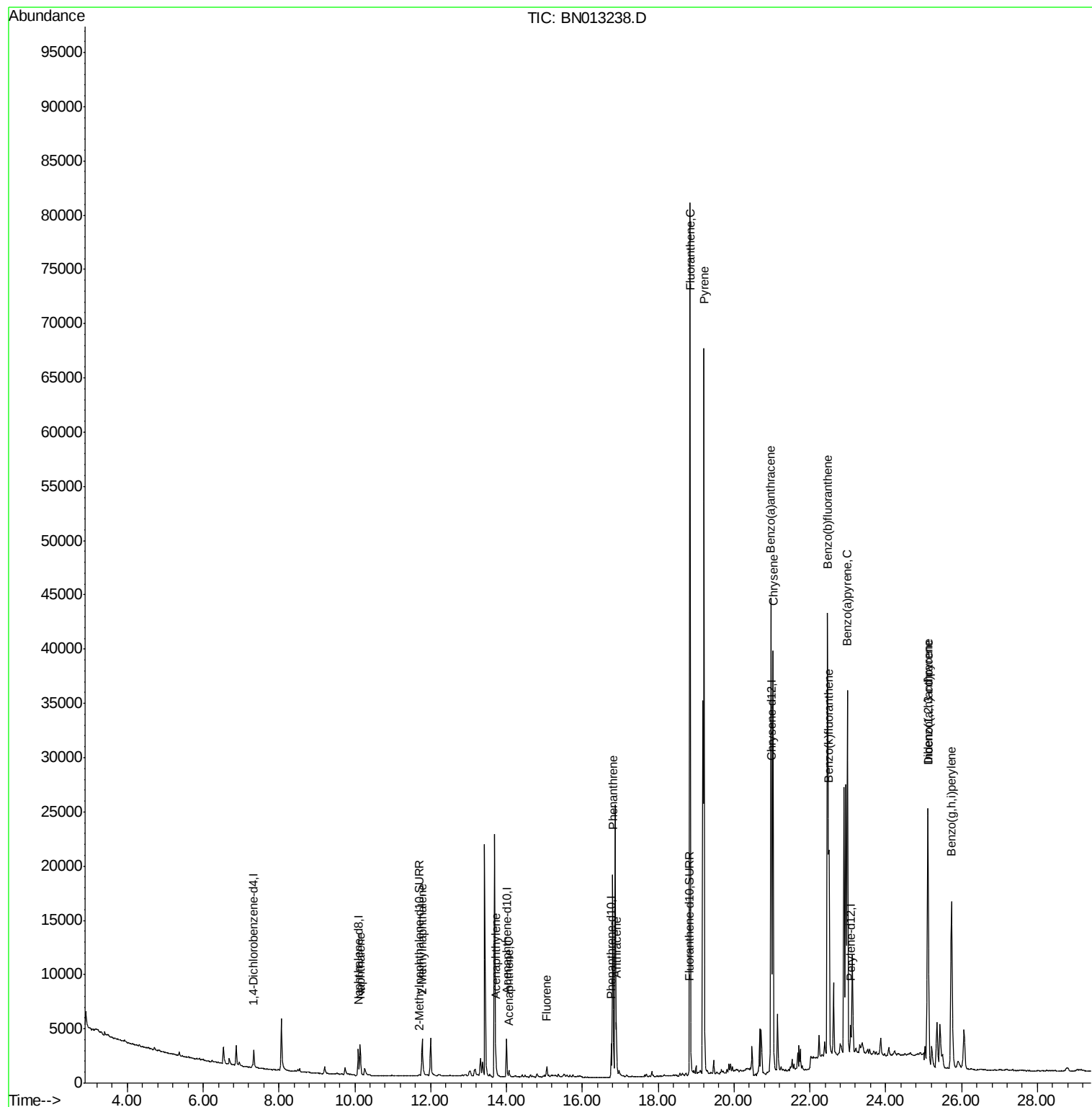
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\
Data File : BN013238.D
Acq On : 21 Dec 2020 13:23
Operator : CG/JU
Sample : L5151-04DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

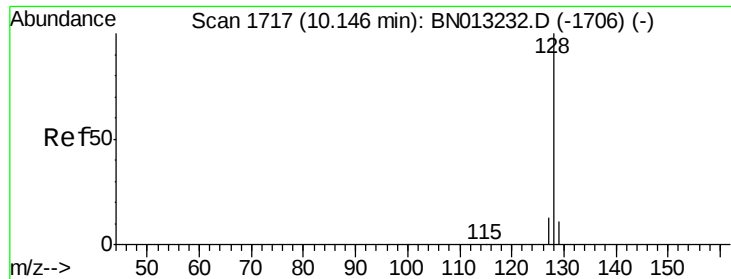
Instrument :
BNA_N
ClientSampleId :
C0AE6DL

Quant Time: Dec 21 13:58:56 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

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#3

Naphthalene

Concen: 0.430 ng/ul

RT: 10.14 min Scan# 1716

Delta R.T. -0.00 min

Lab File: BN013238.D

Acq: 21 Dec 2020 13:23

Instrument :

BNA_N

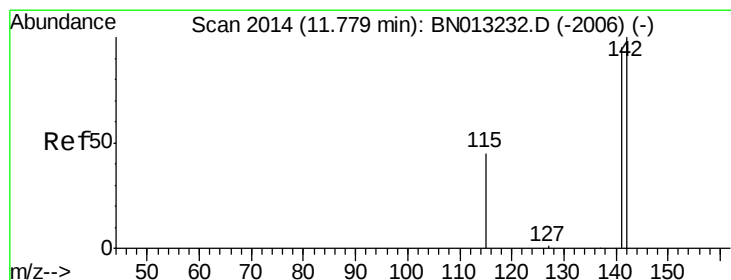
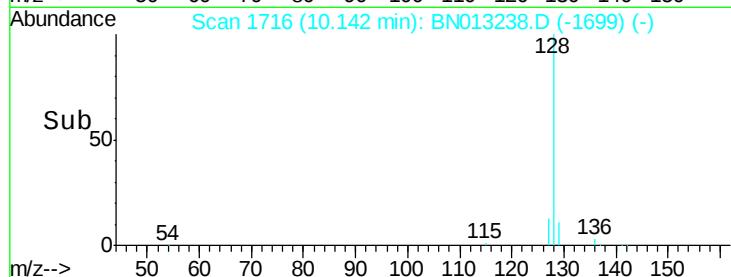
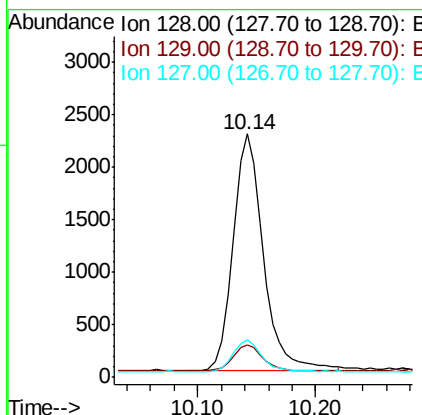
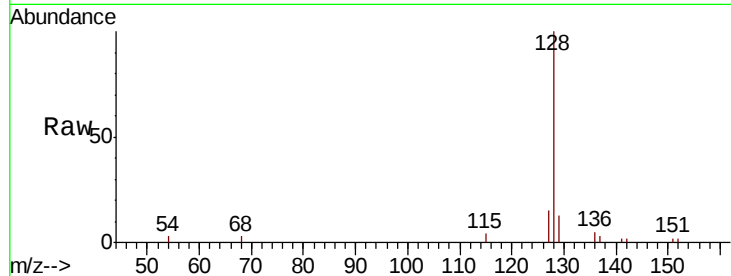
ClientSampleId :

C0AE6DL

Tot Ion:	128	Resp:	4090
Ion	Ratio	Lower	Upper
128	100		
129	13.2	12.3	18.5
127	15.4	14.2	21.4

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#5

2-Methylnaphthalene

Concen: 0.551 ng/ul

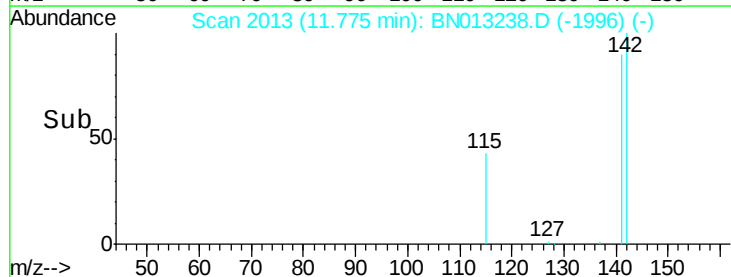
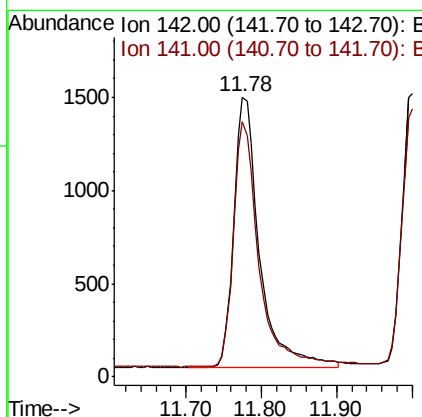
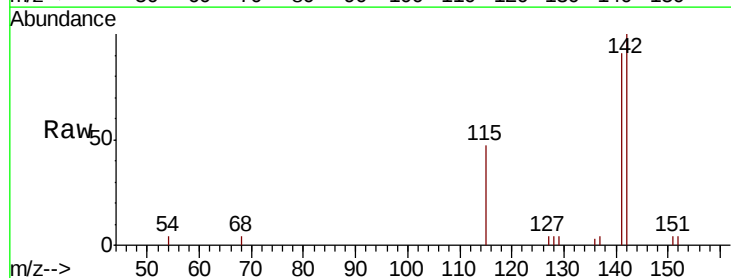
RT: 11.78 min Scan# 2013

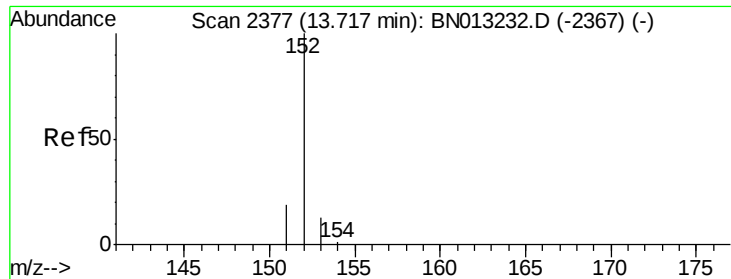
Delta R.T. -0.00 min

Lab File: BN013238.D

Acq: 21 Dec 2020 13:23

Tgt Ion:	142	Resp:	3441
Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.0	109.6





#7

Acenaphthylene

Concen: 0.176 ng/ul

RT: 13.72 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BN013238.D

Acq: 21 Dec 2020 13:23

Instrument :

BNA_N

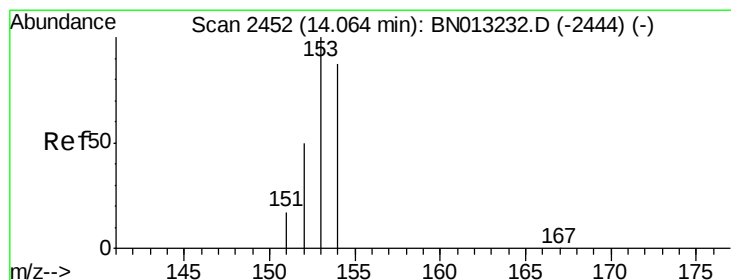
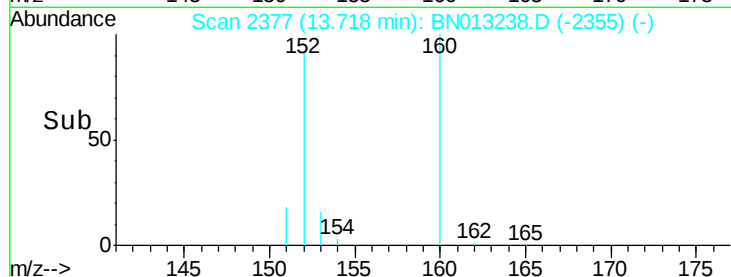
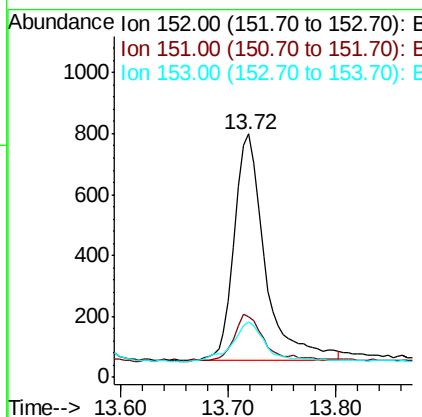
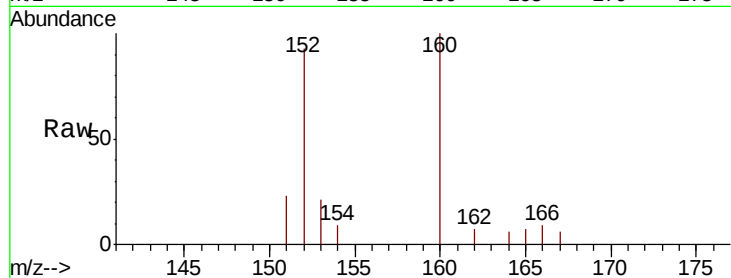
ClientSampleId :

C0AE6DL

Tot Ion:	152	Resp:	1484
Ion Ratio	Lower	Upper	
152	100		
151	24.7	18.2	27.4
153	22.9	13.1	19.7

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#8

Acenaphthene

Concen: 0.055 ng/ul

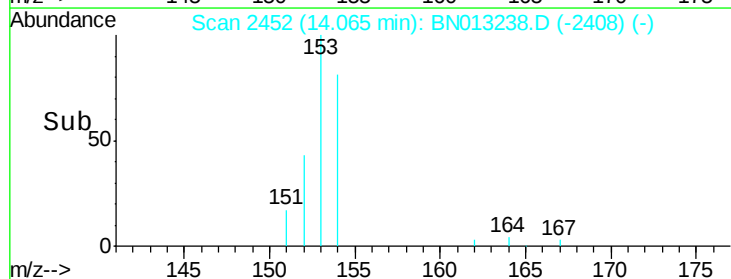
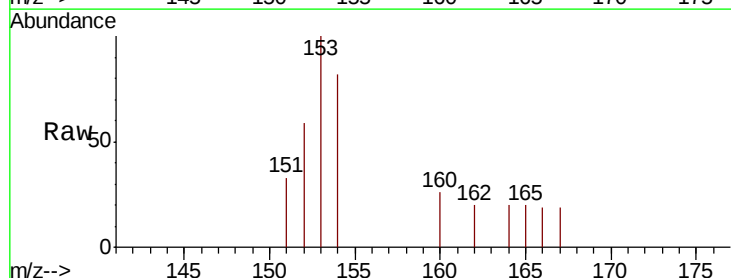
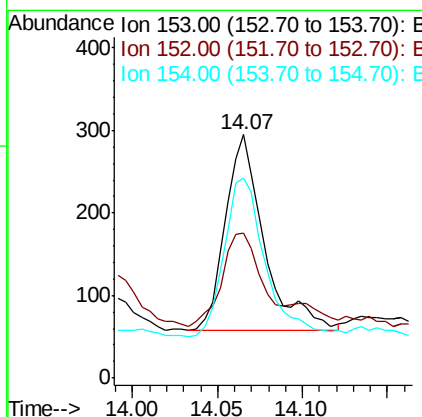
RT: 14.07 min Scan# 2452

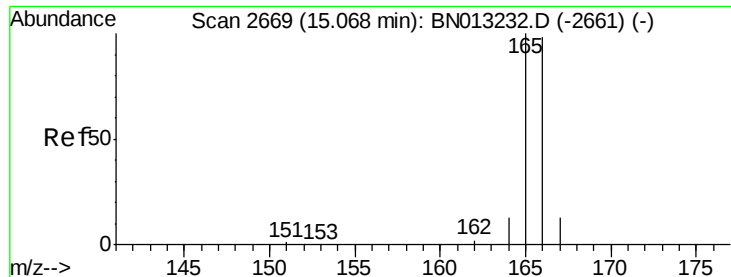
Delta R.T. 0.00 min

Lab File: BN013238.D

Acq: 21 Dec 2020 13:23

Tgt Ion:	153	Resp:	379
Ion Ratio	Lower	Upper	
153	100		
152	59.3	40.7	61.1
154	82.4	70.8	106.2





#9

Fluorene

Concen: 0.079 ng/ul

RT: 15.06 min Scan# 2668

Delta R.T. -0.00 min

Lab File: BN013238.D

Acq: 21 Dec 2020 13:23

Instrument :

BNA_N

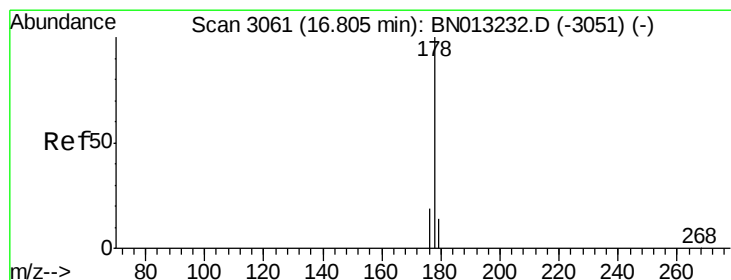
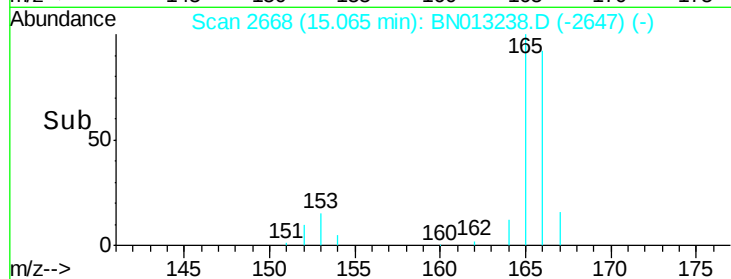
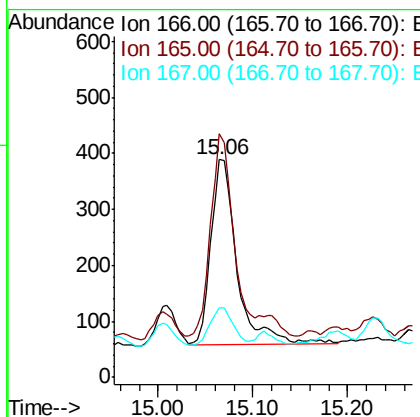
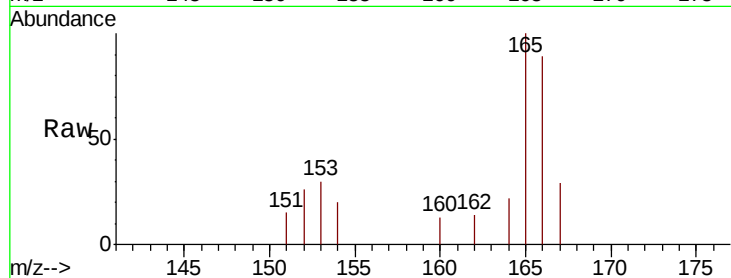
ClientSampleId :

C0AE6DL

Tot Ion:	166	Resp:	630
Ion	Ratio	Lower	Upper
166	100		
165	111.8	79.8	119.8
167	31.9	13.8	20.8

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#12

Phenanthrene

Concen: 1.733 ng/ul

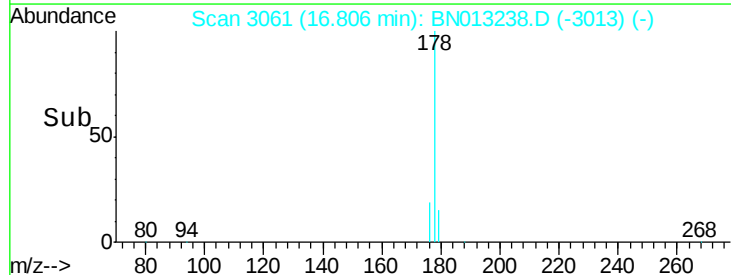
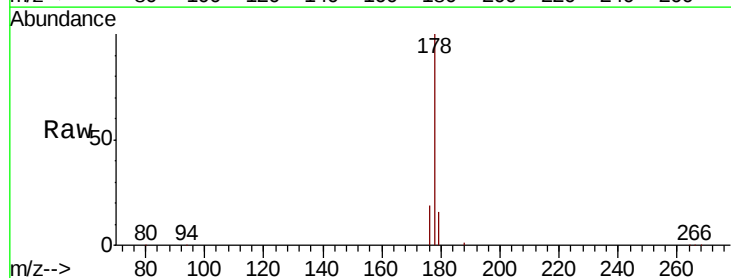
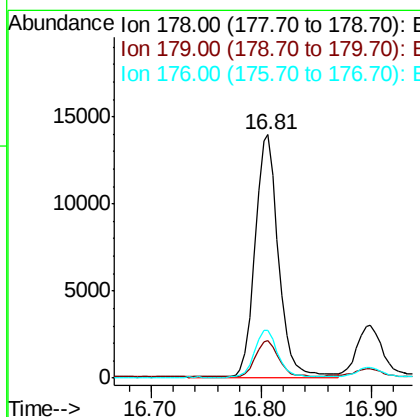
RT: 16.81 min Scan# 3061

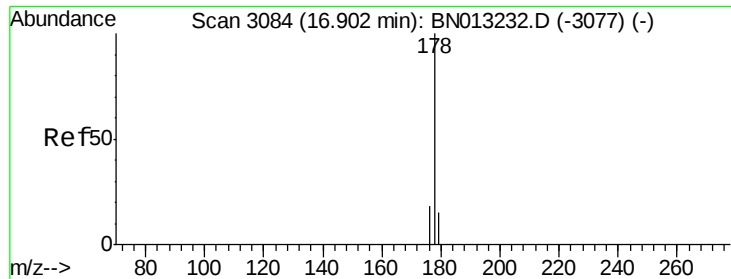
Delta R.T. 0.00 min

Lab File: BN013238.D

Acq: 21 Dec 2020 13:23

Tgt Ion:	178	Resp:	20513
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.6	20.4
176	19.4	16.4	24.6





#13

Anthracene

Concen: 0.435 ng/ul

RT: 16.90 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BN013238.D

Acq: 21 Dec 2020 13:23

Instrument :

BNA_N

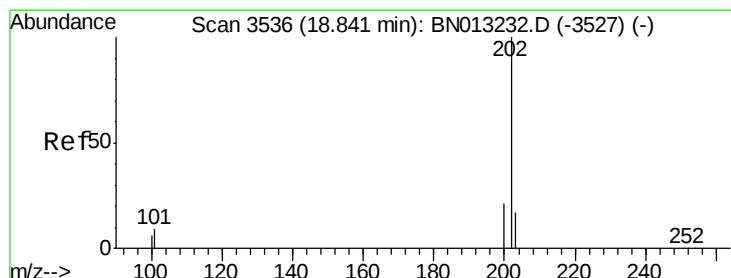
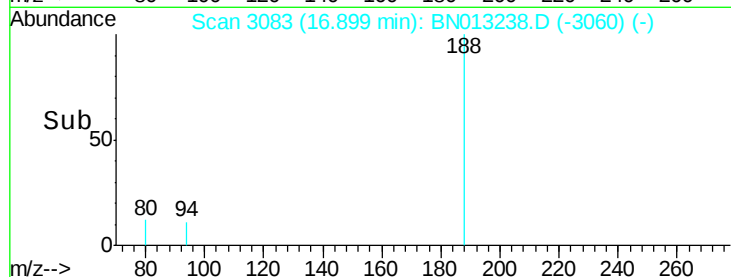
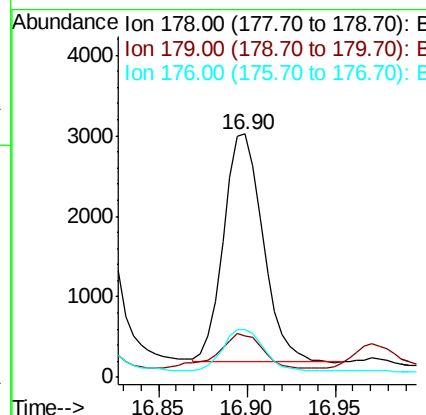
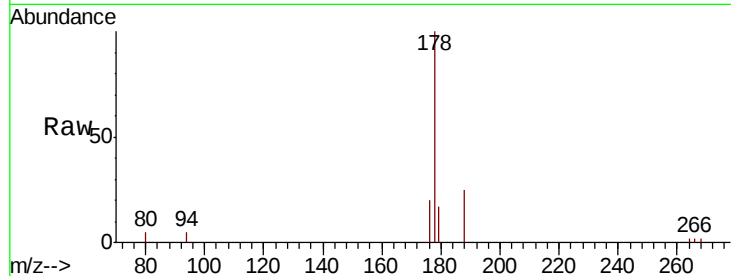
ClientSampleId :

C0AE6DL

Tot Ion:	178	Resp:	4378
Ion Ratio	Lower	Upper	
178	100		
179	17.2	14.6	21.8
176	19.8	17.1	25.7

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#15

Fluoranthene

Concen: 4.831 ng/ul

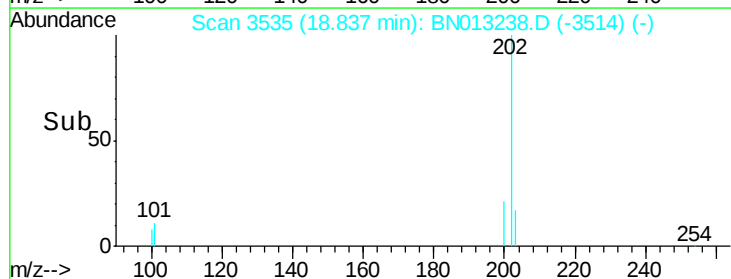
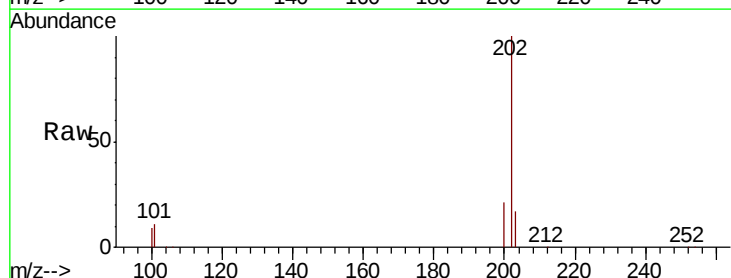
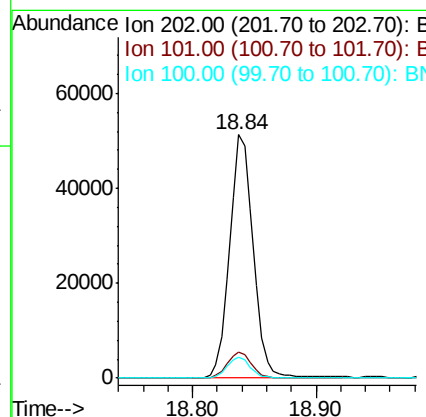
RT: 18.84 min Scan# 3535

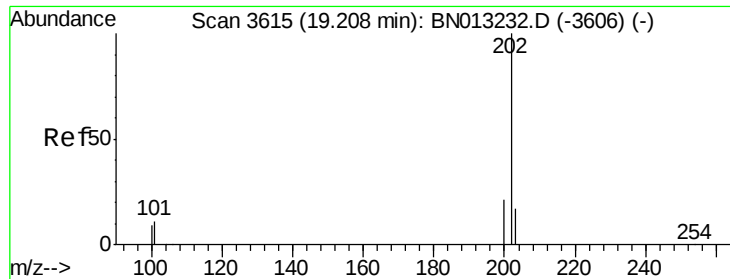
Delta R.T. -0.00 min

Lab File: BN013238.D

Acq: 21 Dec 2020 13:23

Tgt Ion:	202	Resp:	67962
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.6
100	8.6	0.0	28.7





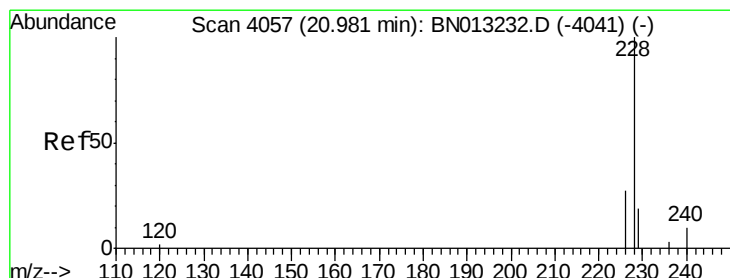
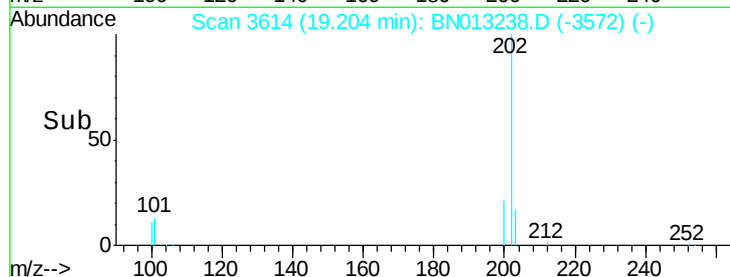
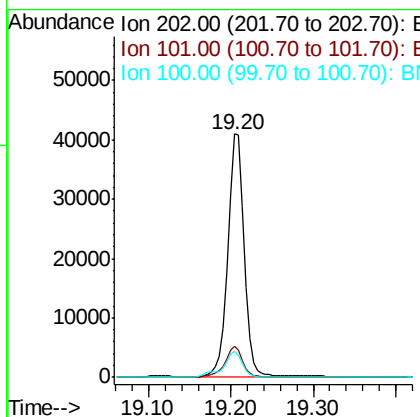
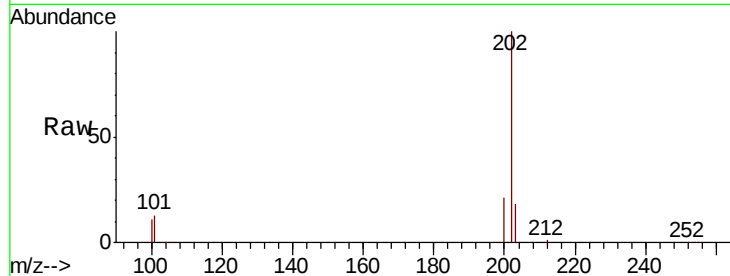
#17
Pvrene
Concen: 4.337 ng/ul
RT: 19.20 min Scan# 3614
Delta R.T. -0.00 min
Lab File: BN013238.D
Acq: 21 Dec 2020 13:23

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	9.1	13.7
100	10.9	7.5	11.3

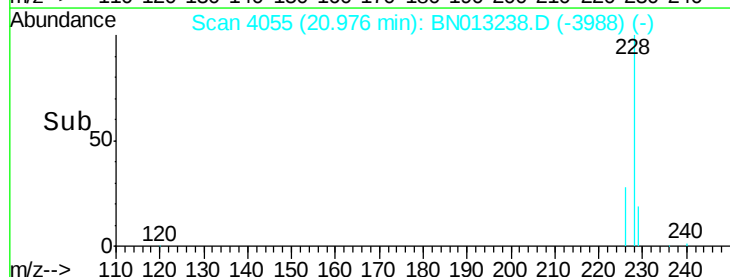
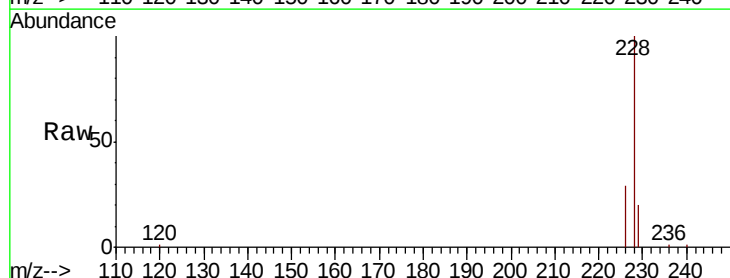
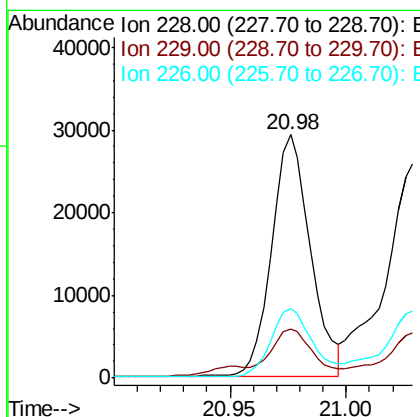
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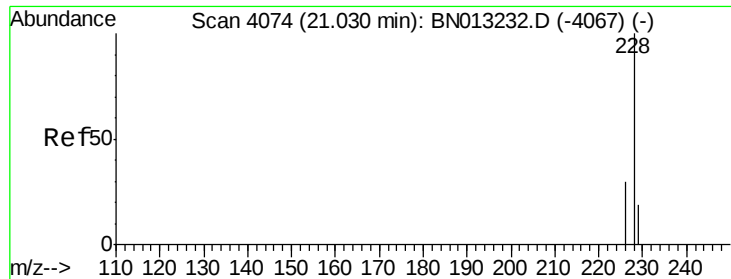
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#18
Benzo(a)anthracene
Concen: 2.987 ng/ul
RT: 20.98 min Scan# 4055
Delta R.T. -0.00 min
Lab File: BN013238.D
Acq: 21 Dec 2020 13:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	16.3	24.5
226	28.6	23.4	35.2





#19

Chrysene

Concen: 2.975 ng/ul

RT: 21.03 min Scan# 4073

Delta R.T. -0.00 min

Lab File: BN013238.D

Acq: 21 Dec 2020 13:23

Instrument :

BNA_N

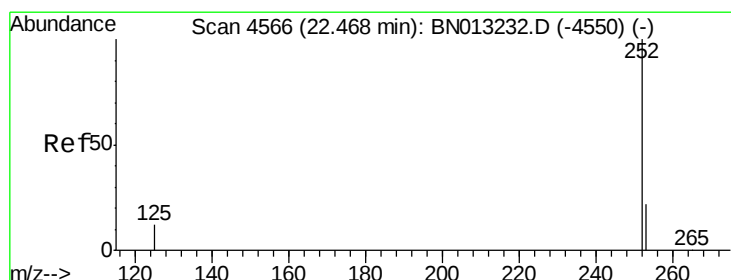
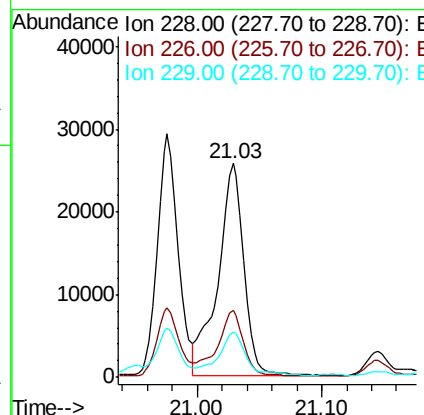
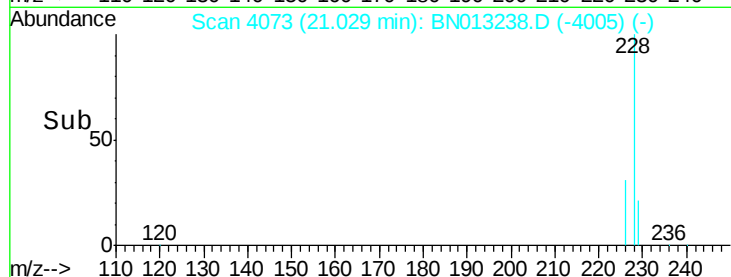
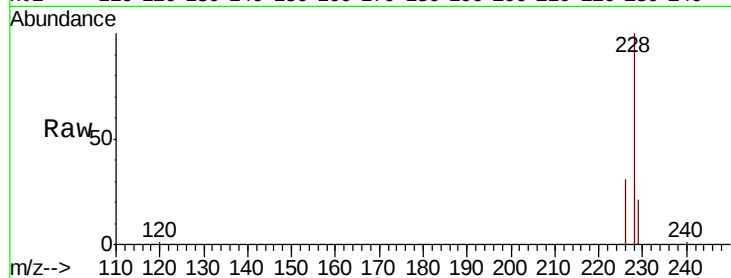
ClientSampleId :

C0AE6DL

Tot Ion:	228	Resp:	37243
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	21.3	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 4.456 ng/ul m

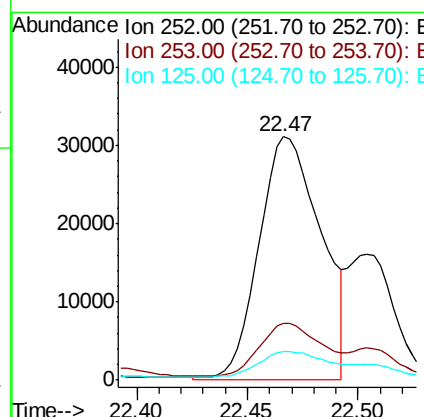
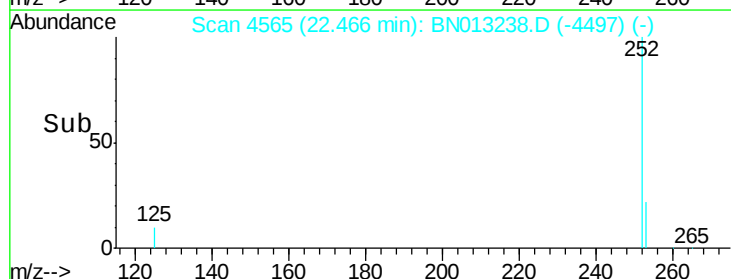
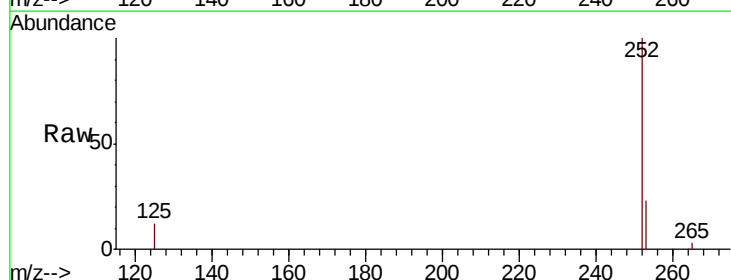
RT: 22.47 min Scan# 4565

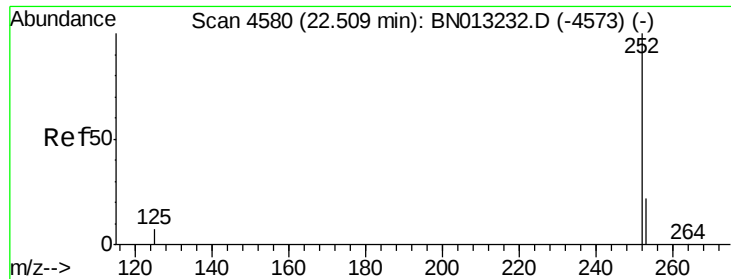
Delta R.T. -0.00 min

Lab File: BN013238.D

Acq: 21 Dec 2020 13:23

Tgt Ion:	252	Resp:	60795
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	59.6
125	11.6	0.0	26.0





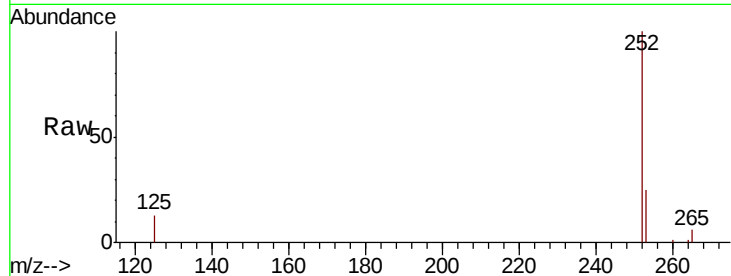
#22
Benzo(k)fluoranthene
Concen: 1.587 ng/ul m
RT: 22.50 min Scan# 4578
Delta R.T. -0.00 min
Lab File: BN013238.D
Acq: 21 Dec 2020 13:23

Instrument :
BNA_N
ClientSampleId :
C0AE6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	23.4	35.2
125	12.7	11.1	16.7

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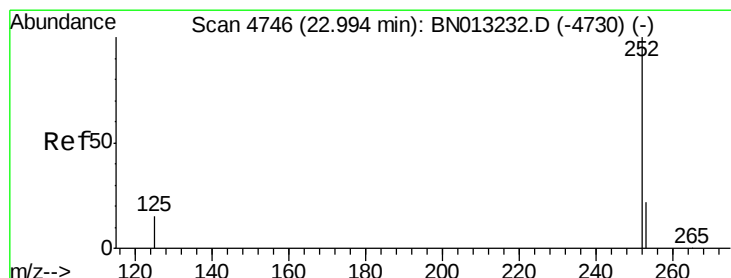
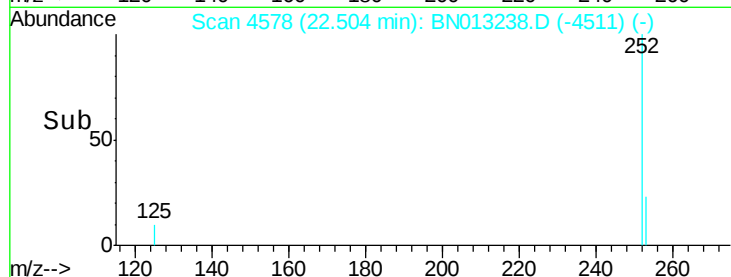
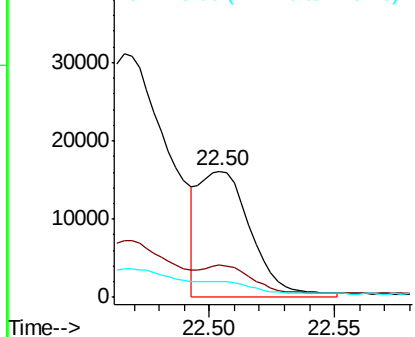


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23
Benzo(a)pyrene
Concen: 3.384 ng/ul m
RT: 22.99 min Scan# 4743
Delta R.T. -0.01 min
Lab File: BN013238.D
Acq: 21 Dec 2020 13:23

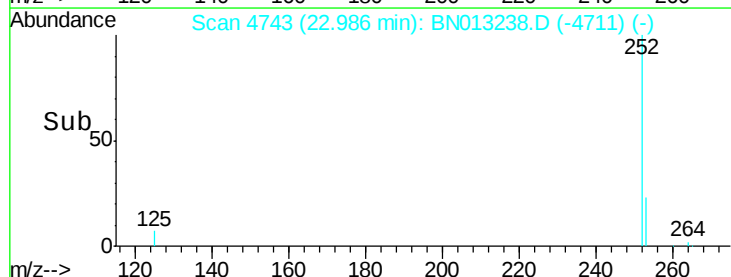
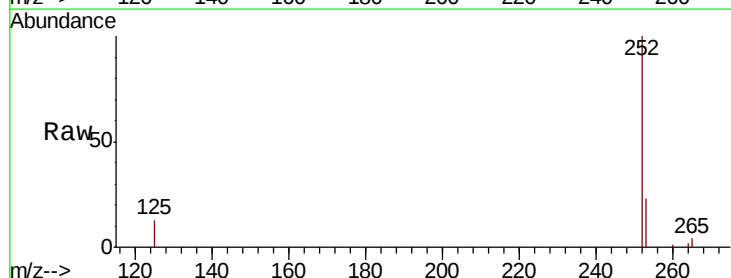
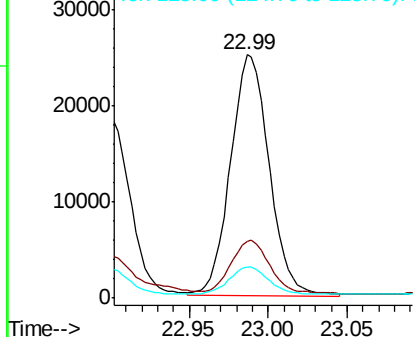
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	26.5	39.7#
125	12.7	14.2	21.2#

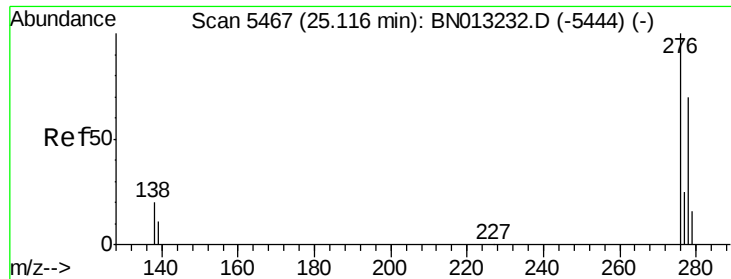
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





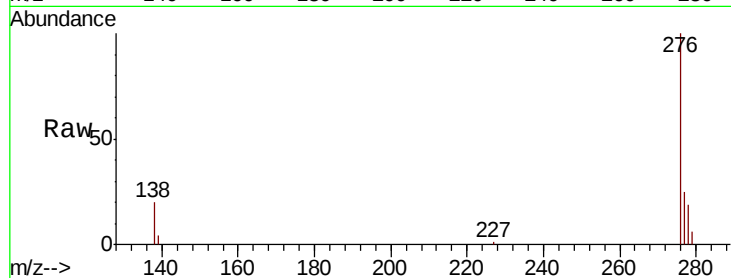
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.085 ng/uL
RT: 25.11 min Scan# 5465
Delta R.T. -0.01 min
Lab File: BN013238.D
Acq: 21 Dec 2020 13:23

Instrument :
BNA_N
ClientSampleId :
C0AE6DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	34671		
138	19.9	16.2	24.2	
227	0.2	0.0	0.0	

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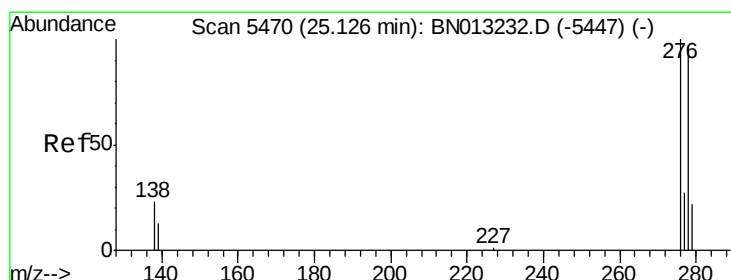
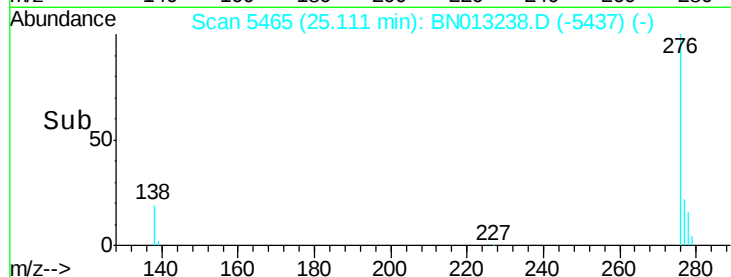
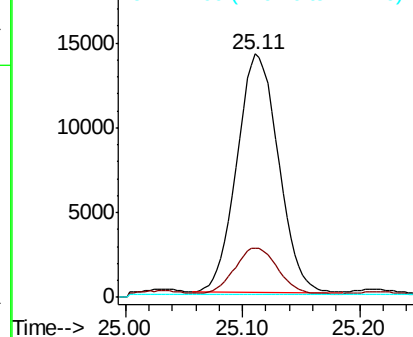


Abundance

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: 0.618 ng/uL
RT: 25.12 min Scan# 5468
Delta R.T. -0.01 min
Lab File: BN013238.D
Acq: 21 Dec 2020 13:23

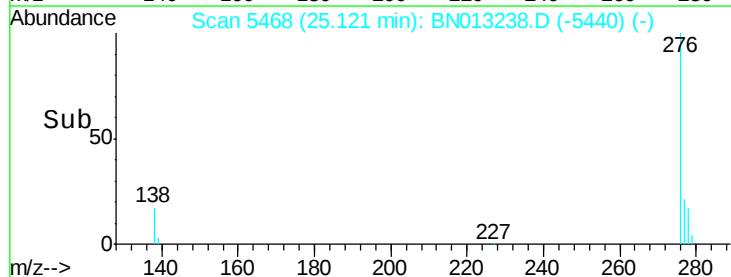
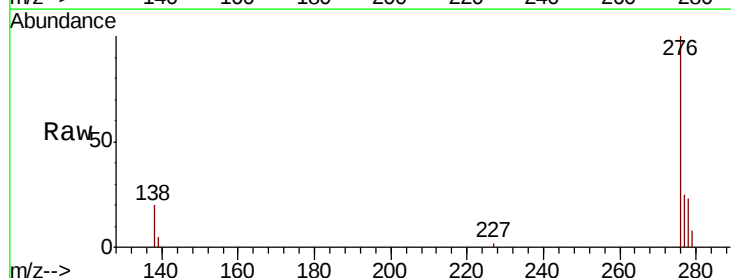
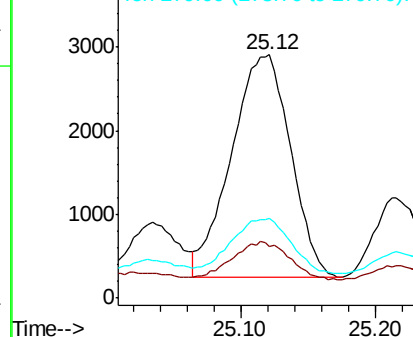
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	8122		
139	21.2	14.5	21.7	
279	33.0	26.3	39.5	

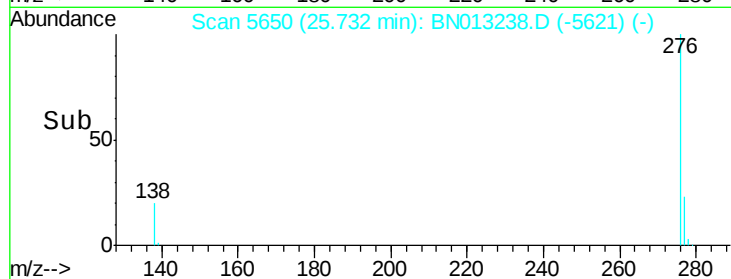
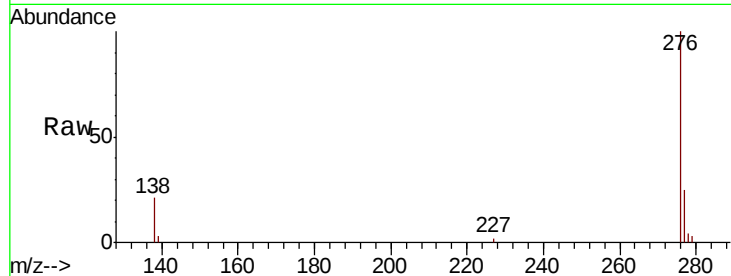
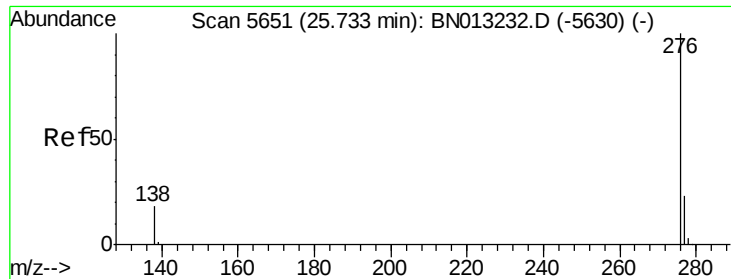
Abundance

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: 1.937 ng/ul
 RT: 25.73 min Scan# 5650
 Delta R.T. -0.00 min
 Lab File: BN013238.D
 Acq: 21 Dec 2020 13:23

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	16.3	24.5
277	24.5	21.8	32.6

Instrument :
 BNA_N
 ClientSampleId :
 C0AE6DL

Manual Integrations
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