

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051619\
 Data File : BN005716.D
 Acq On : 16 May 2019 23:11
 Operator : JU/SJ
 Sample : K2690-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5160

Manual Integrations
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Quant Time: May 17 14:05:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 17 04:47:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1425	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	5962	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	3934	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	9096m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	5758m	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	5400m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2852	0.31	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	7629m	0.27	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.39	128	3612	0.229	ng/ul	98
5) 2-Methylnaphthalene	12.03	142	922	0.086	ng/ul	99
7) Acenaphthylene	13.94	152	681	0.034	ng/ul#	71
8) Acenaphthene	14.29	153	416	0.030	ng/ul	90
9) Fluorene	15.29	166	506	0.031	ng/ul#	85
12) Phenanthrene	17.02	178	4595m	0.185	ng/ul	
13) Anthracene	17.12	178	1213m	0.049	ng/ul	
15) Fluoranthene	19.06	202	3682m	0.107	ng/ul	
17) Pyrene	19.42	202	5031m	0.237	ng/ul	
18) Benzo(a)anthracene	21.20	228	1909m	0.096	ng/ul	
19) Chrysene	21.25	228	2698m	0.111	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	3871m	0.238	ng/ul	
23) Benzo(a)pyrene	23.33	252	3002m	0.165	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	5108	0.295	ng/ul#	24

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

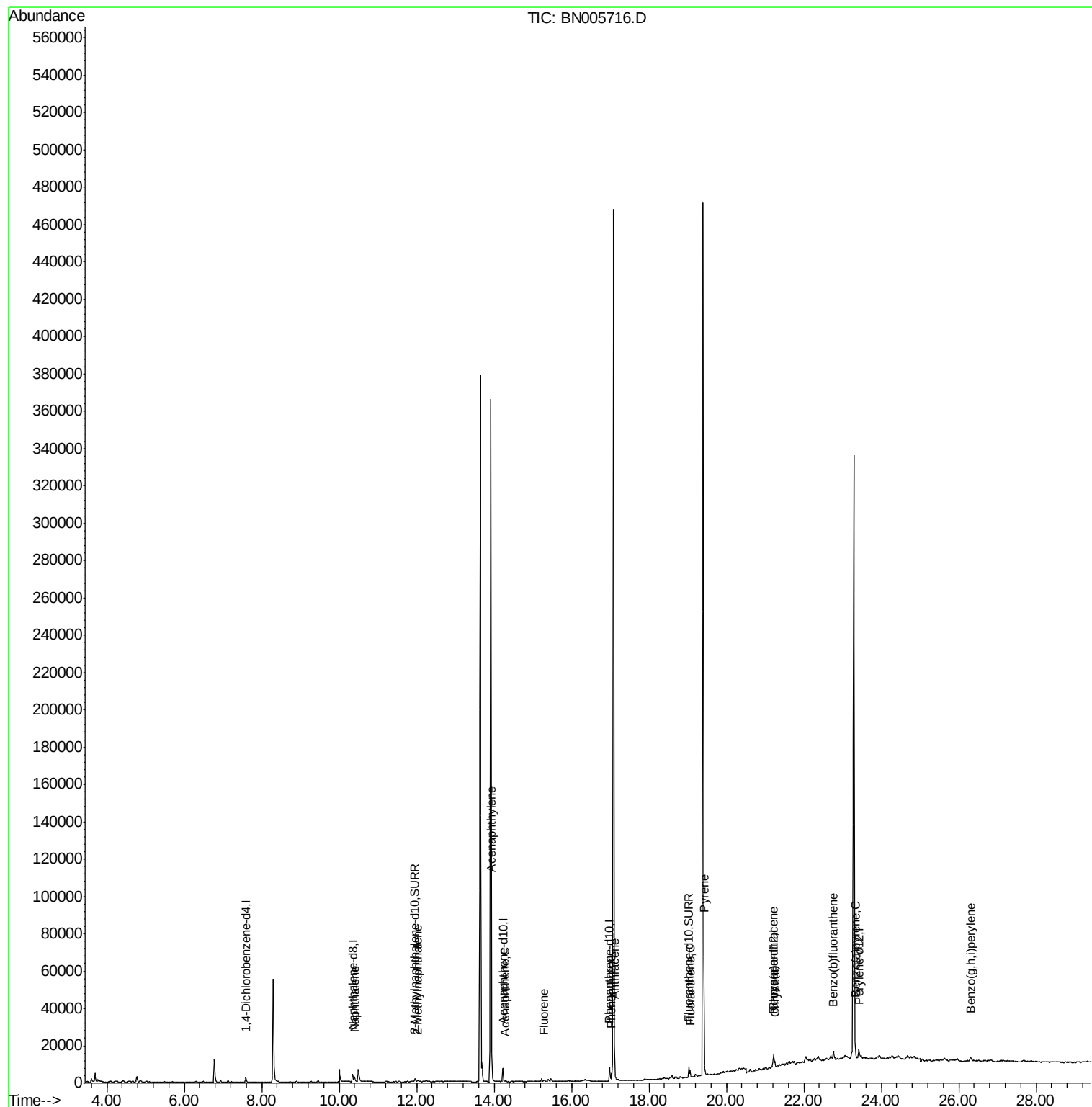
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051619\
Data File : BN005716.D
Acq On : 16 May 2019 23:11
Operator : JU/SJ
Sample : K2690-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

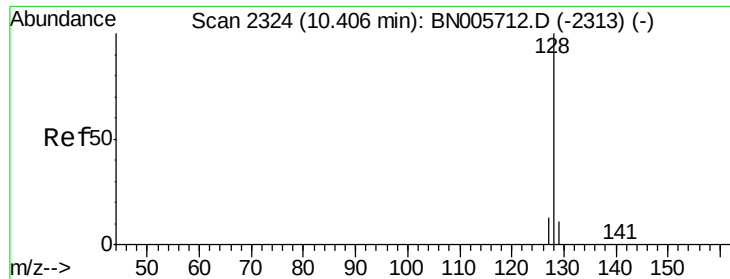
Instrument :
BNA_N
ClientSampleId :
A5160

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Quant Time: May 17 14:05:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 17 04:47:07 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.229 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN005716.D

Acq: 16 May 2019 23:11

Instrument :

BNA_N

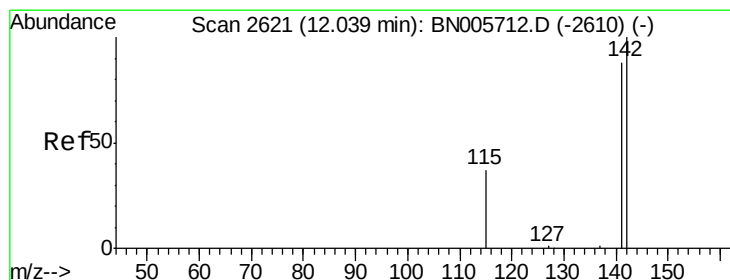
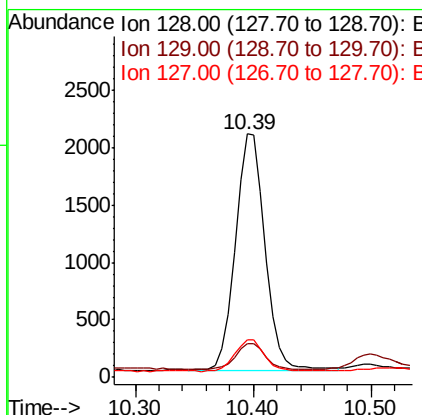
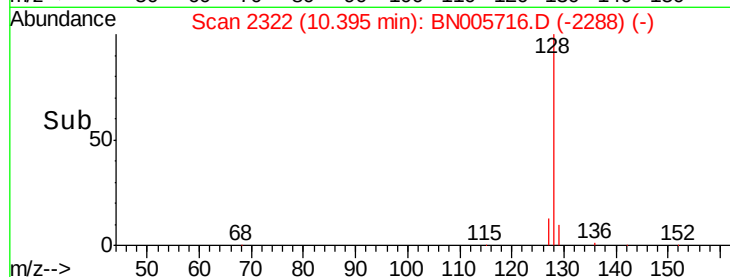
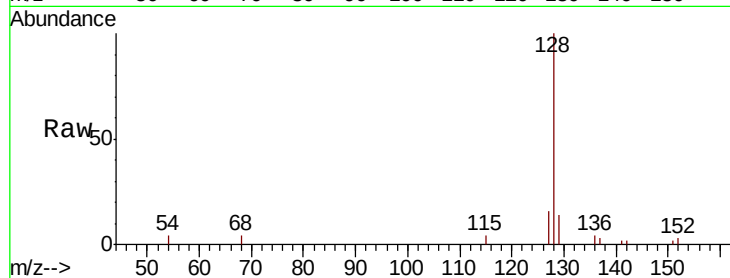
ClientSampled :

A5160

Tot Ion:	128	Resp:	3612
Ion	Ratio	Lower	Upper
128	100		
129	14.0	10.2	15.2
127	15.6	11.8	17.8

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#5

2-Methylnaphthalene

Concen: 0.086 ng/ul

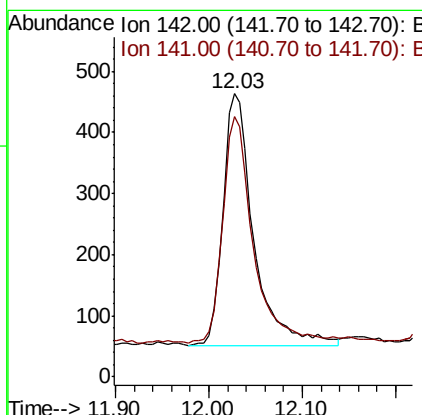
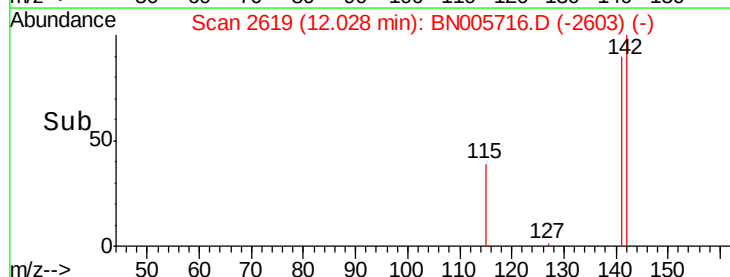
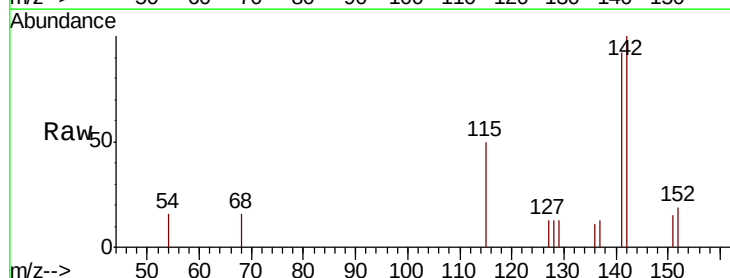
RT: 12.03 min Scan# 2619

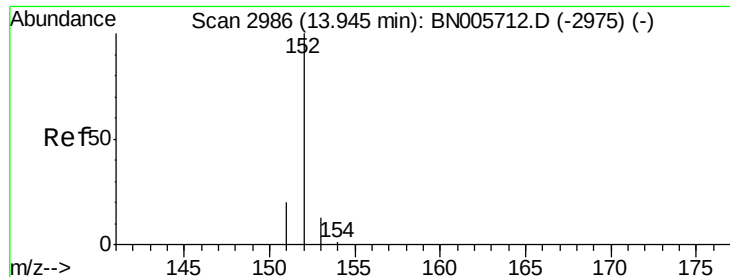
Delta R.T. -0.01 min

Lab File: BN005716.D

Acq: 16 May 2019 23:11

Tgt Ion:	142	Resp:	922
Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.2	108.2





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN005716.D

Acq: 16 May 2019 23:11

Instrument :

BNA_N

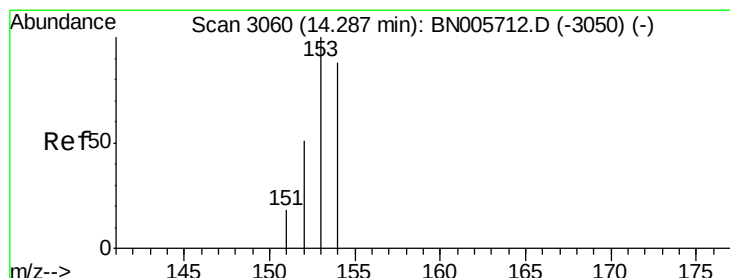
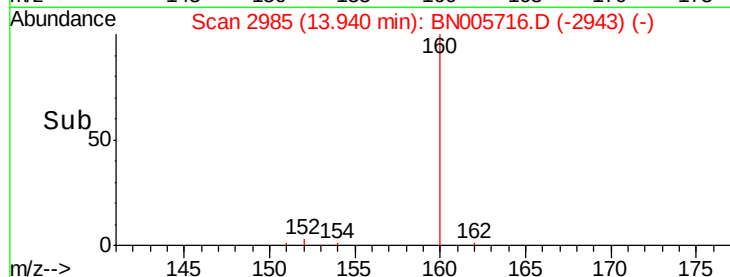
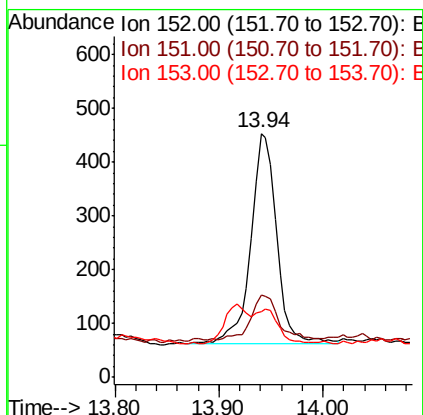
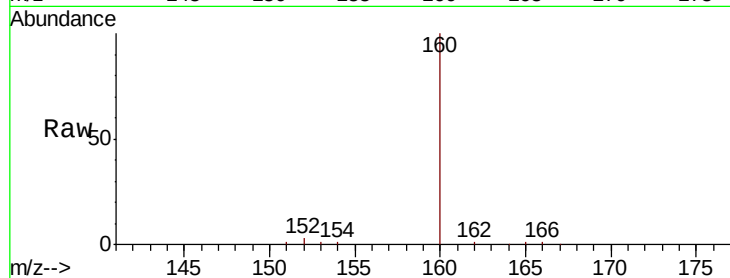
ClientSampleId :

A5160

Tot Ion:	152	Resp:	681
Ion Ratio	Lower	Upper	
152	100		
151	33.6	16.7	25.1#
153	27.2	11.6	17.4#

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#8

Acenaphthene

Concen: 0.030 ng/ul

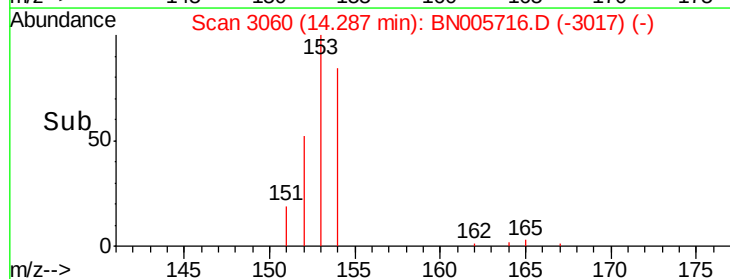
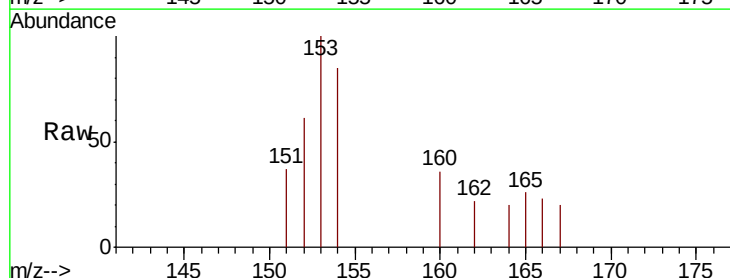
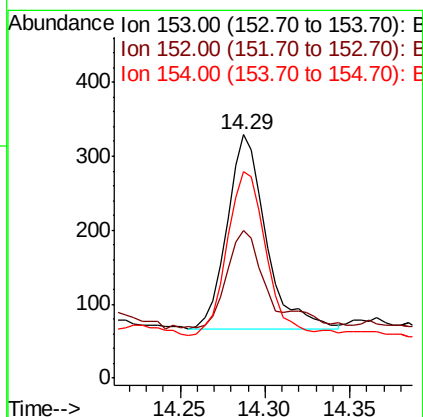
RT: 14.29 min Scan# 3060

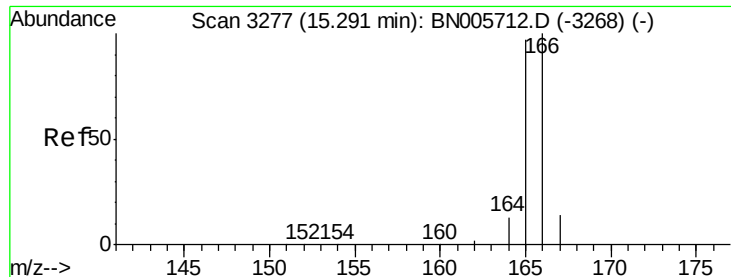
Delta R.T. -0.00 min

Lab File: BN005716.D

Acq: 16 May 2019 23:11

Tgt Ion:	153	Resp:	416
Ion Ratio	Lower	Upper	
153	100		
152	60.8	40.8	61.2
154	84.8	73.2	109.8





#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.29 min Scan# 3276

Delta R.T. -0.00 min

Lab File: BN005716.D

Acq: 16 May 2019 23:11

Instrument :

BNA_N

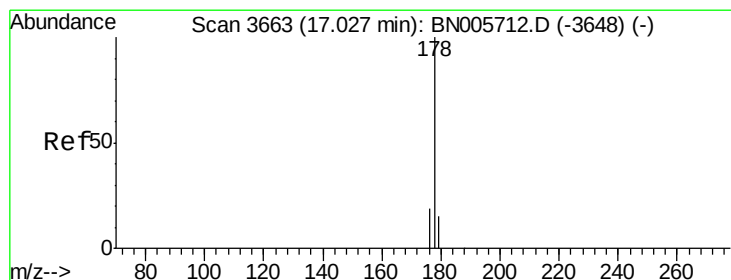
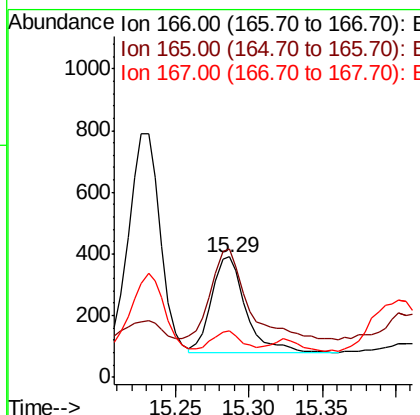
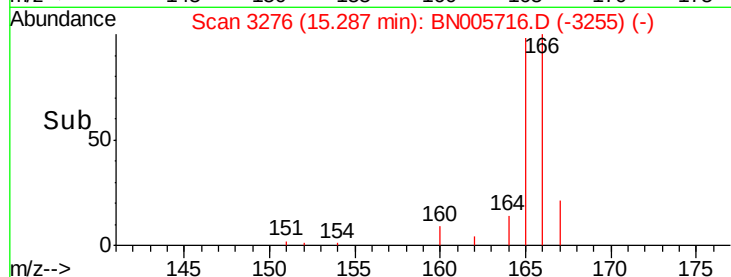
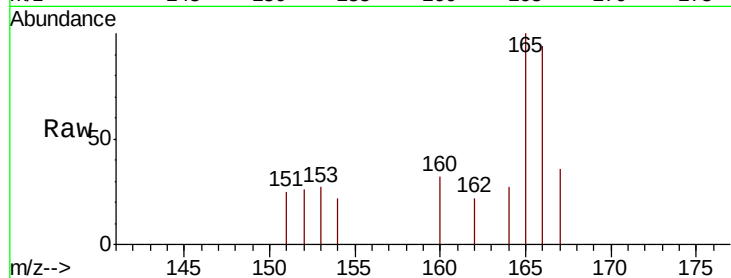
ClientSampleId :

A5160

Tot Ion	Ratio	Lower	Upper
166	100		
165	106.4	78.0	117.0
167	38.6	12.2	18.4

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#12

Phenanthrene

Concen: 0.185 ng/ul m

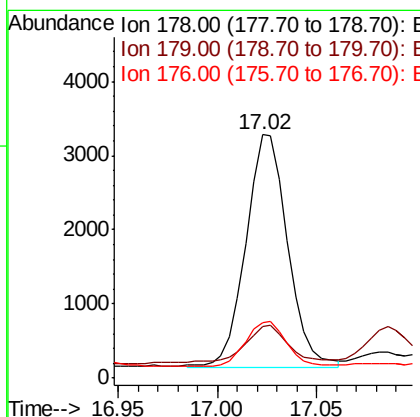
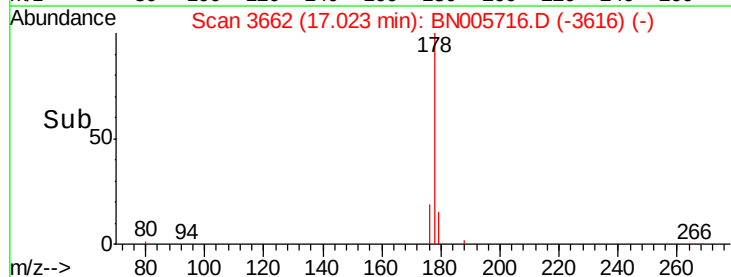
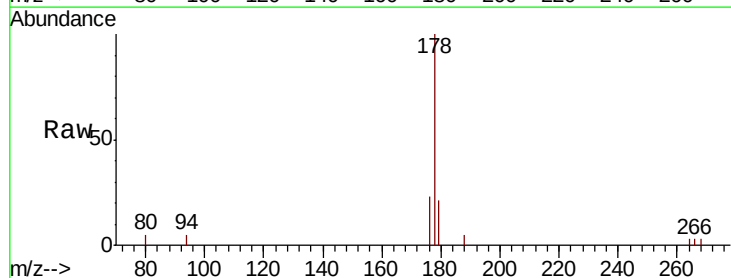
RT: 17.02 min Scan# 3662

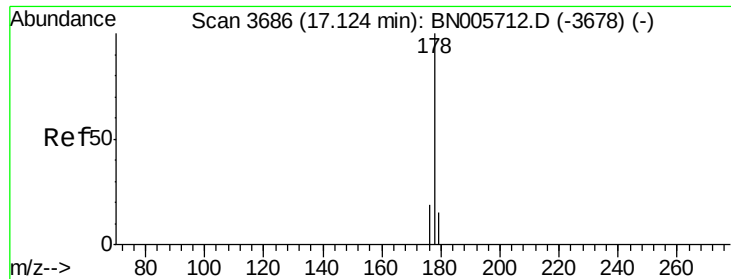
Delta R.T. -0.00 min

Lab File: BN005716.D

Acq: 16 May 2019 23:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.0	12.8	19.2
176	22.8	15.3	22.9





#13

Anthracene

Concen: 0.049 ng/ul m

RT: 17.12 min Scan# 3684

Delta R.T. -0.01 min

Lab File: BN005716.D

Acq: 16 May 2019 23:11

Instrument :

BNA_N

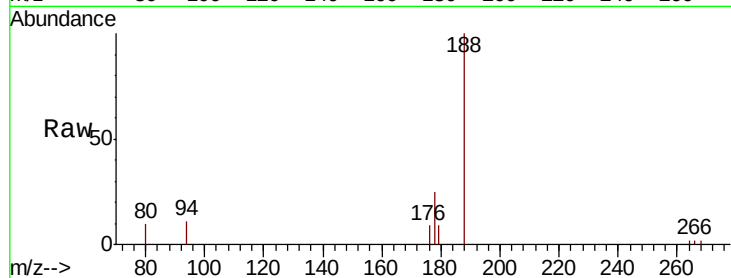
ClientSampleId :

A5160

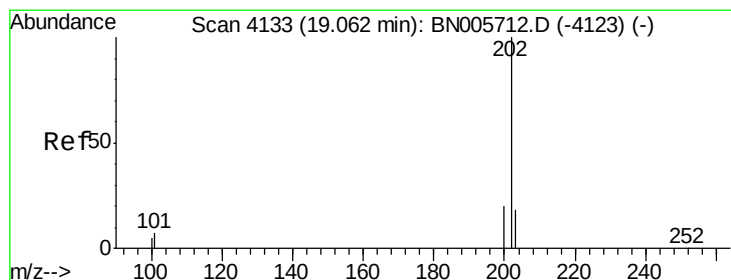
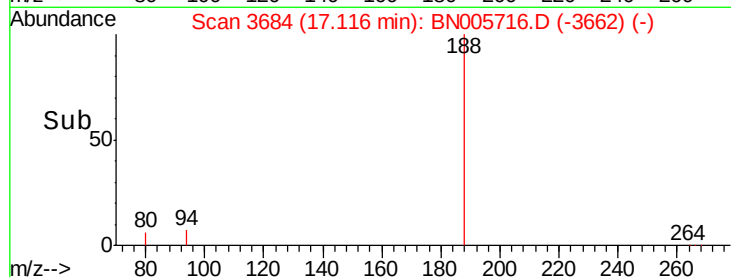
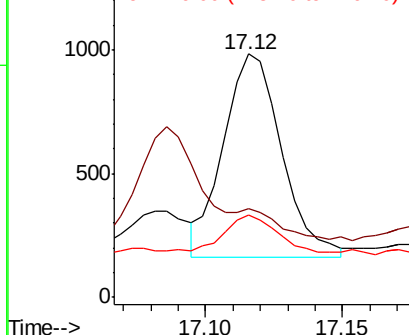
Tot Ion:	178	Resp:	1213
Ion Ratio	Lower	Upper	
178	100		
179	36.2	13.4	20.2#
176	33.8	15.1	22.7#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.107 ng/ul m

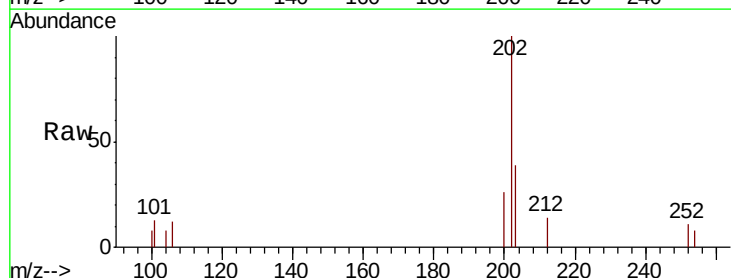
RT: 19.06 min Scan# 4133

Delta R.T. -0.00 min

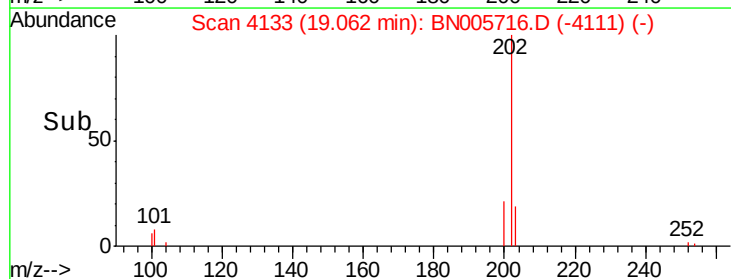
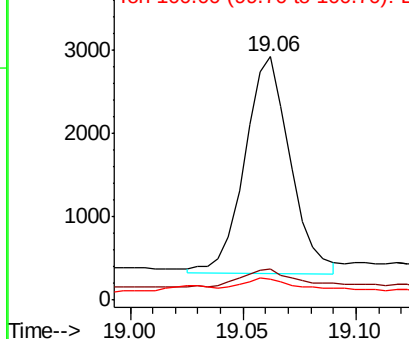
Lab File: BN005716.D

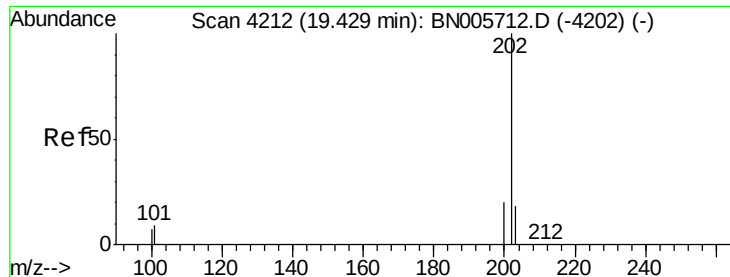
Acq: 16 May 2019 23:11

Tgt Ion:	202	Resp:	3682
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	29.4
100	8.5	0.0	27.1



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





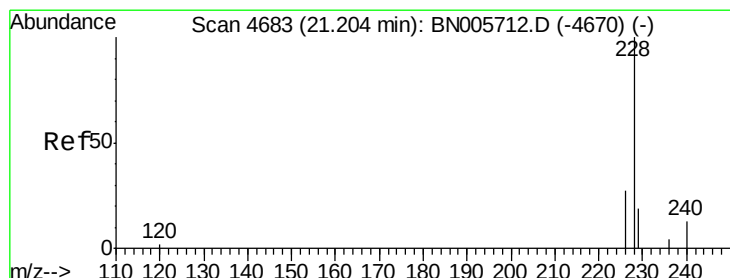
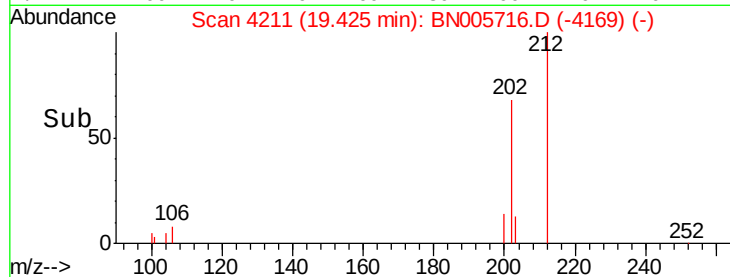
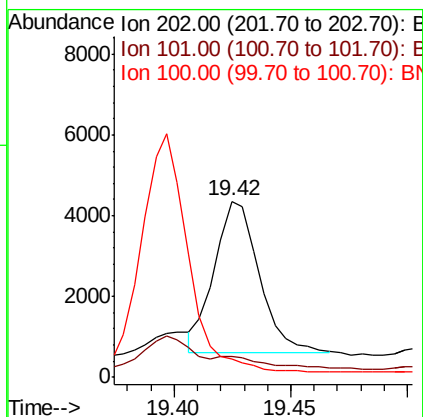
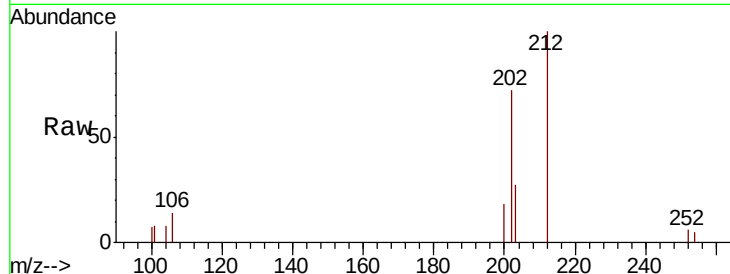
#17
Pvrene
Concen: 0.237 ng/ul m
RT: 19.42 min Scan# 4211
Delta R.T. -0.00 min
Lab File: BN005716.D
Acq: 16 May 2019 23:11

Instrument :
BNA_N
ClientSampleId :
A5160

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	8.5	12.7
100	10.4	6.9	10.3#

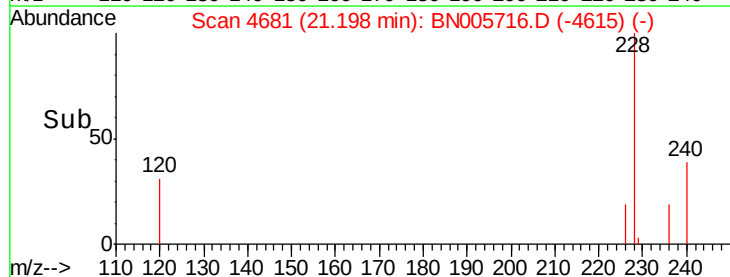
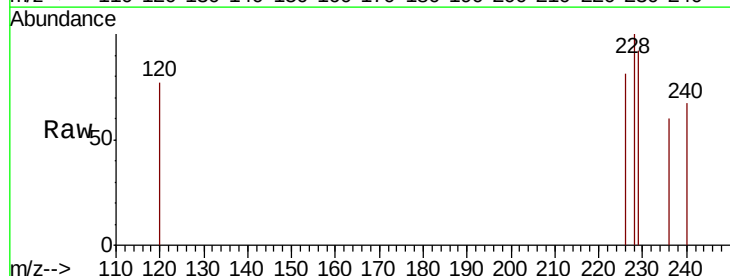
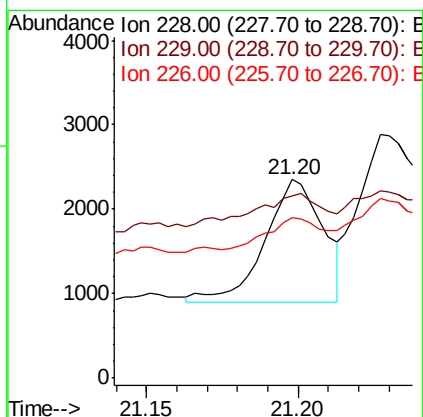
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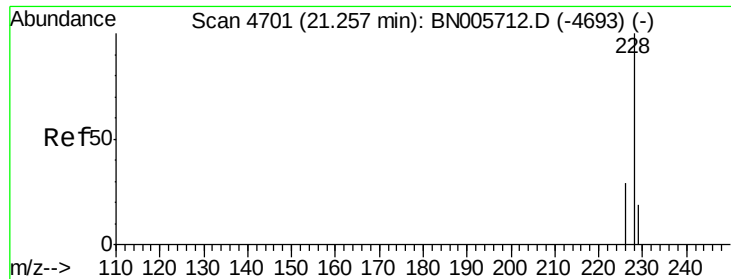
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#18
Benzo(a)anthracene
Concen: 0.096 ng/ul m
RT: 21.20 min Scan# 4681
Delta R.T. -0.01 min
Lab File: BN005716.D
Acq: 16 May 2019 23:11

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	91.8	15.8	23.8#
226	81.2	21.7	32.5#





#19

Chrysene

Concen: 0.111 ng/ul m

RT: 21.25 min Scan# 4699

Delta R.T. -0.01 min

Lab File: BN005716.D

Acq: 16 May 2019 23:11

Instrument :

BNA_N

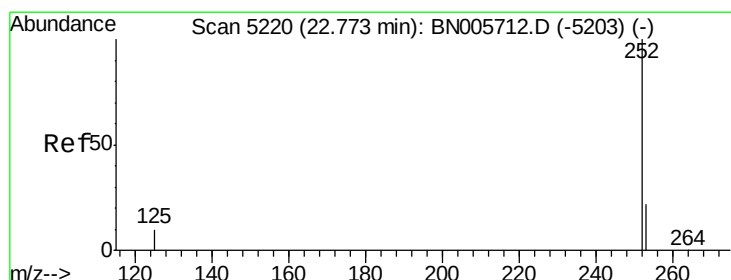
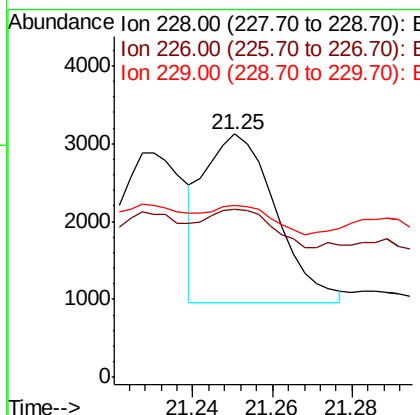
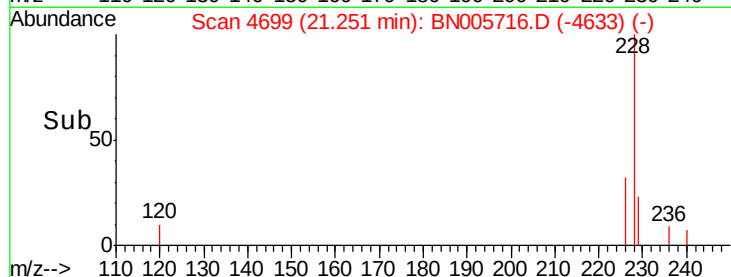
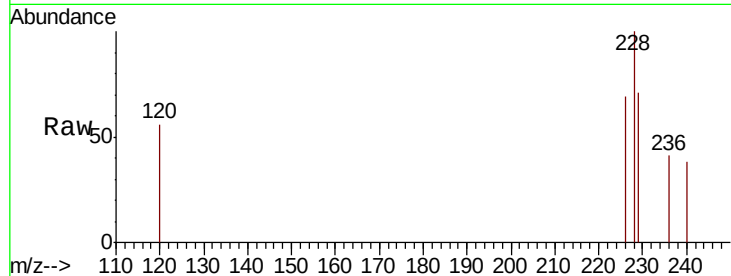
ClientSampleId :

A5160

Tot Ion:	228	Resp:	2698
Ion Ratio	Lower	Upper	
228	100		
226	68.9	23.2	34.8#
229	70.6	16.0	24.0#

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#21

Benzo(b)fluoranthene

Concen: 0.238 ng/ul m

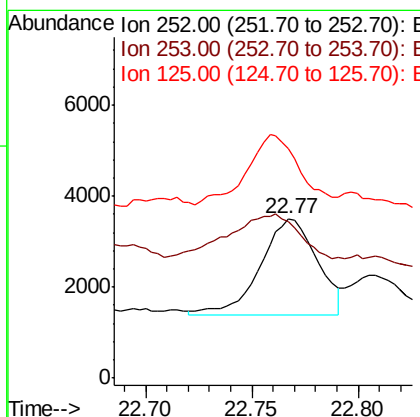
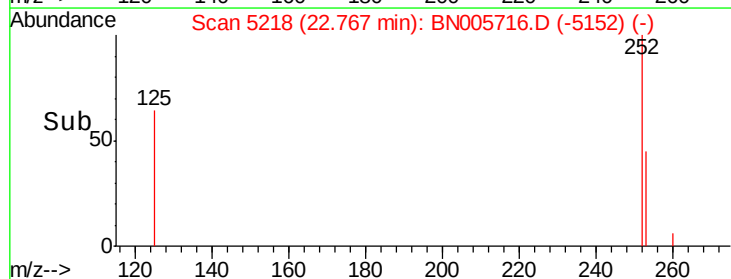
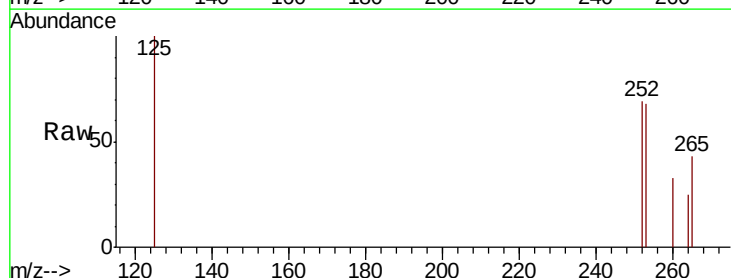
RT: 22.77 min Scan# 5218

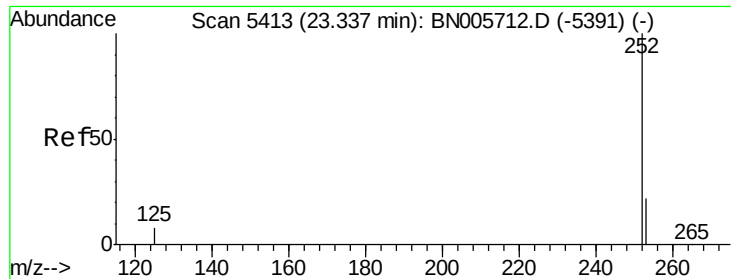
Delta R.T. -0.01 min

Lab File: BN005716.D

Acq: 16 May 2019 23:11

Tgt Ion:	252	Resp:	3871
Ion Ratio	Lower	Upper	
252	100		
253	98.4	0.0	47.6#
125	144.2	0.0	20.8#





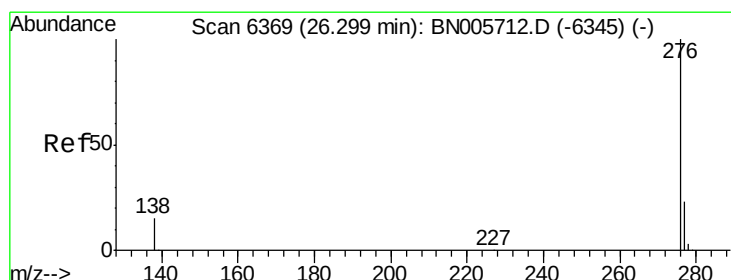
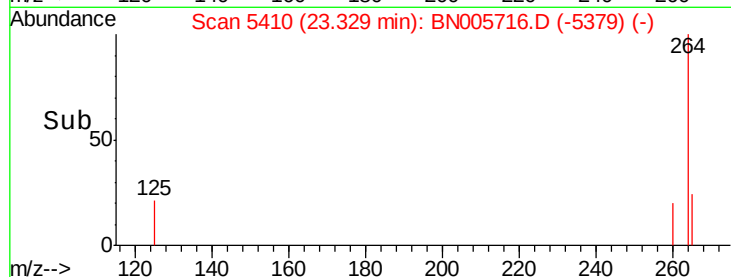
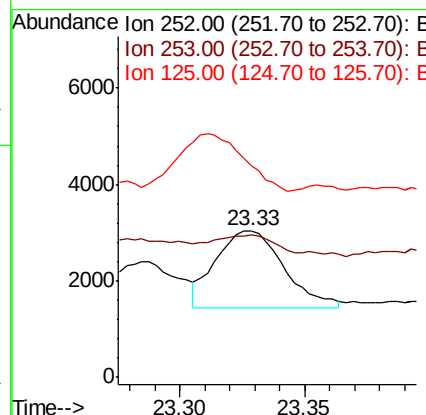
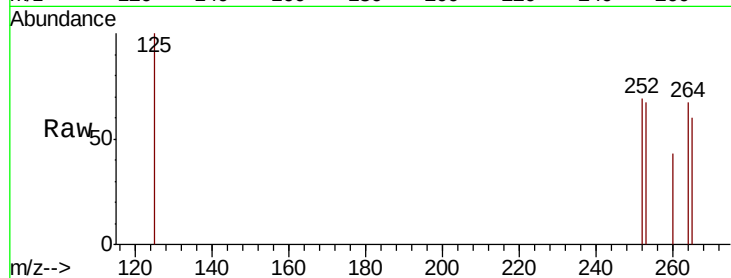
#23
Benzo(a)pyrene
Concen: 0.165 ng/ul m
RT: 23.33 min Scan# 5410
Delta R.T. -0.01 min
Lab File: BN005716.D
Acq: 16 May 2019 23:11

Instrument :
BNA_N
ClientSampleId :
A5160

Tot Ion	Ratio	Lower	Upper
252	100		
253	96.9	19.6	29.4#
125	144.3	10.1	15.1#

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#26
Benzo(g,h,i)perylene
Concen: 0.295 ng/ul
RT: 26.31 min Scan# 6371
Delta R.T. 0.01 min
Lab File: BN005716.D
Acq: 16 May 2019 23:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	47.3	15.6	23.4#
277	70.6	20.6	31.0#

