

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
 Data File : BN006374.D
 Acq On : 18 Jun 2019 12:56
 Operator : JU/SJ
 Sample : K3332-21DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W0DL

Manual Integrations
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 6/21/2019 8:38:52 AM

Quant Time: Jun 18 16:30:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 15:57:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4740	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18340	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8881	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15762	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	10743	0.40	ng/ul	0.04
20) Perylene-d12	23.57	264	11234	0.40	ng/ul	0.07
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1024	0.04	ng/ul	0.01
14) Fluoranthene-d10	19.09	212	2169	0.05	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.36	153	690	0.020	ng/ul	95
9) Fluorene	15.35	166	1020	0.025	ng/ul#	93
12) Phenanthrene	17.09	178	30724	0.607	ng/ul	99
13) Anthracene	17.18	178	4548	0.094	ng/ul#	92
15) Fluoranthene	19.13	202	87867	1.573	ng/ul	100
17) Pyrene	19.49	202	72217	1.276	ng/ul	99
18) Benzo(a)anthracene	21.29	228	26449	0.557	ng/ul	99
19) Chrysene	21.34	228	40082	0.899	ng/ul	99
21) Benzo(b)fluoranthene	22.90	252	45849m	0.979	ng/ul	
22) Benzo(k)fluoranthene	22.94	252	20593m	0.451	ng/ul	
23) Benzo(a)pyrene	23.47	252	28549	0.654	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.83	276	20935	0.443	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.83	278	4935	0.131	ng/ul	98
26) Benzo(g,h,i)perylene	26.51	276	17926	0.453	ng/ul	96

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

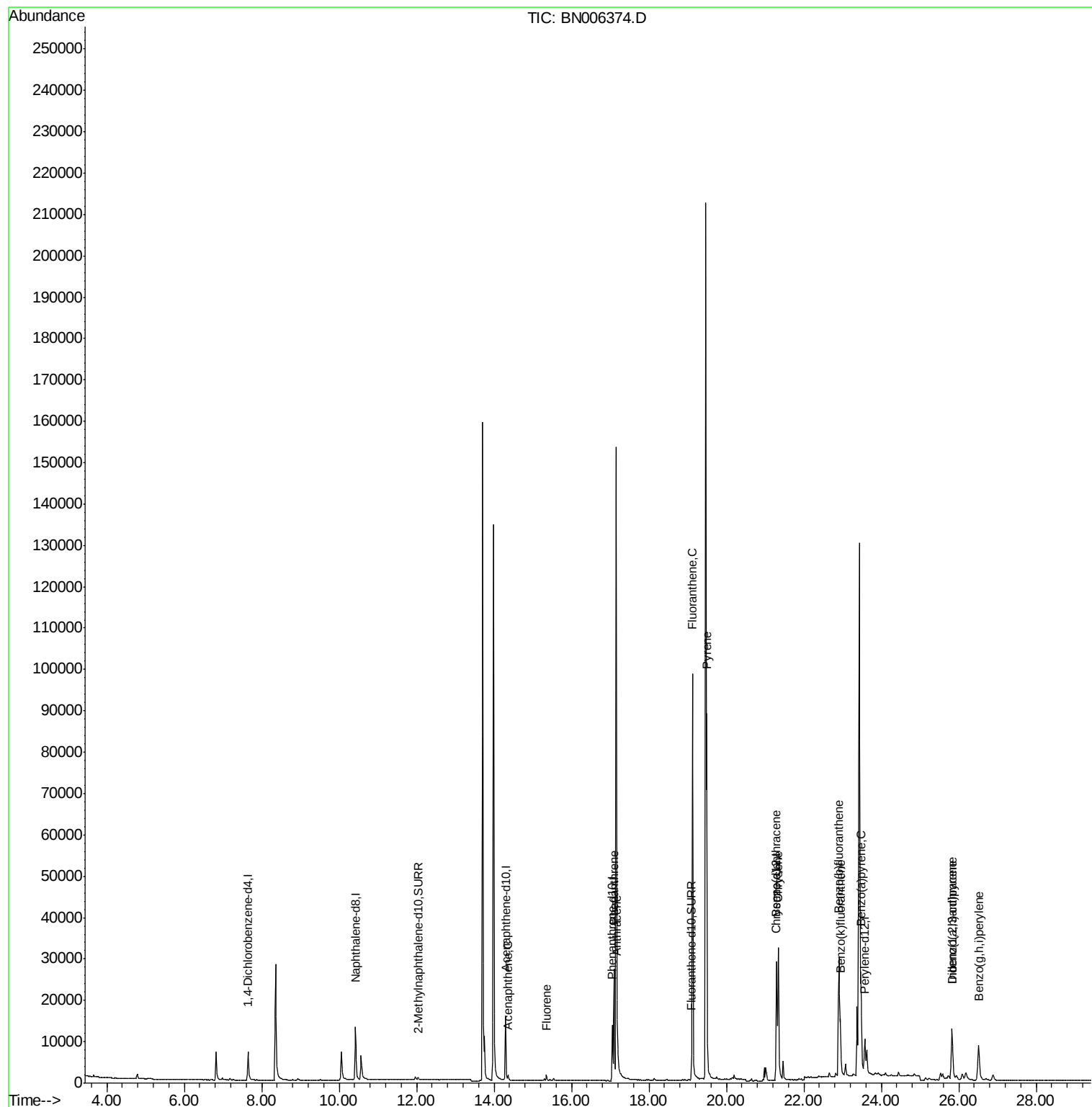
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

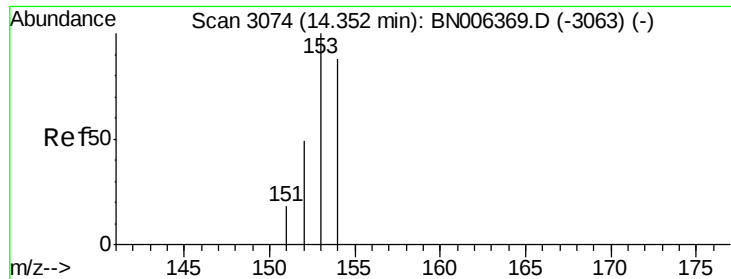
Instrument :
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Quant Time: Jun 18 16:30:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 15:57:40 2019
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.020 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN006374.D

Acq: 18 Jun 2019 12:56

Instrument :

BNA_N

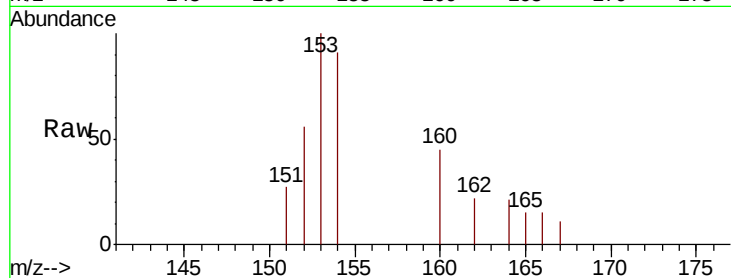
ClientSampleId :

A41W0DL

Tot Ion:	153	Resp:	690
Ion	Ratio	Lower	Upper
153	100		
152	56.1	39.1	58.7
154	91.3	71.1	106.7

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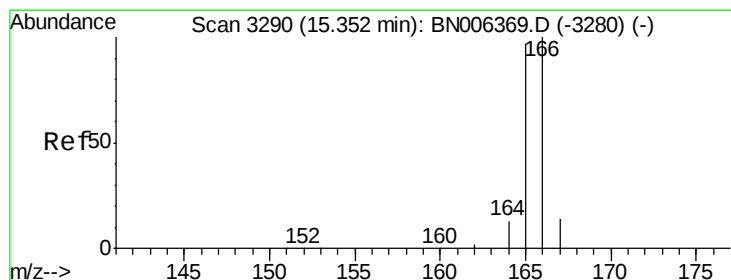
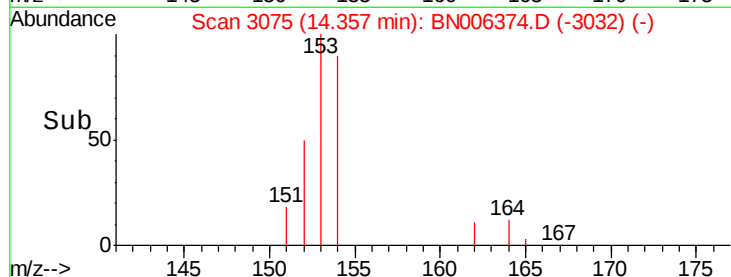
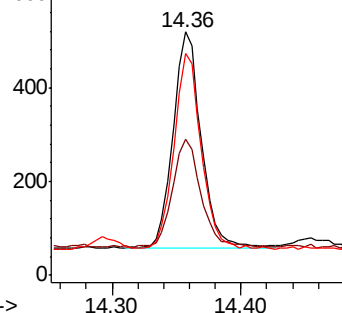


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.025 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. 0.00 min

Lab File: BN006374.D

Acq: 18 Jun 2019 12:56

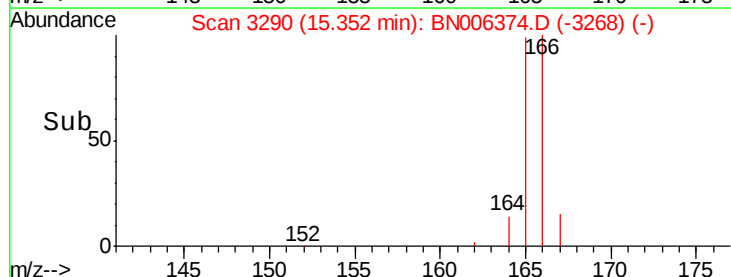
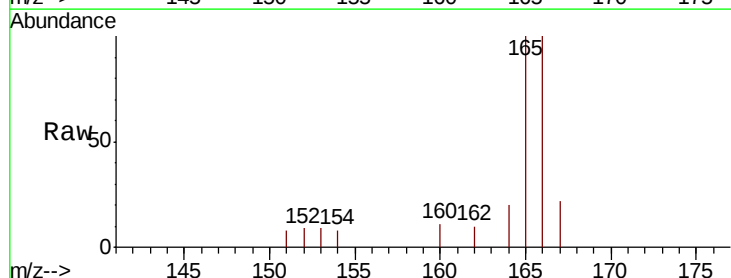
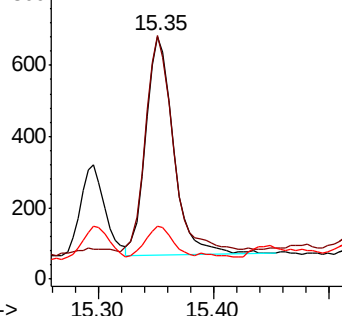
Tgt Ion:	166	Resp:	1020
Ion	Ratio	Lower	Upper
166	100		
165	100.3	76.4	114.6
167	21.9	11.0	16.6#

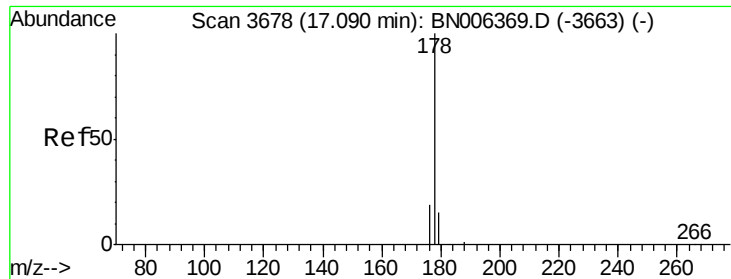
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.607 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BN006374.D

Acq: 18 Jun 2019 12:56

Instrument :

BNA_N

ClientSampleId :

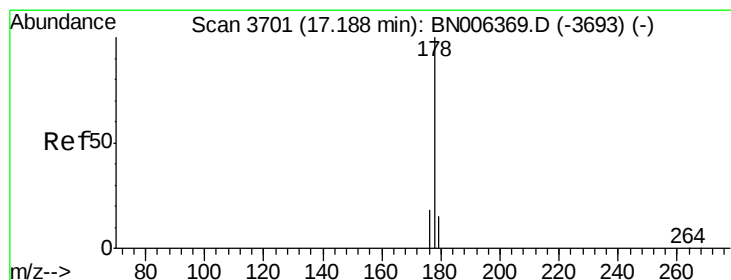
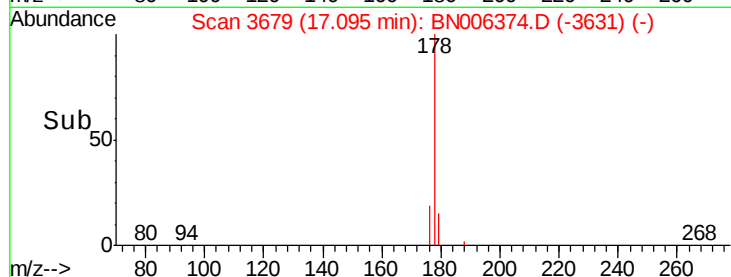
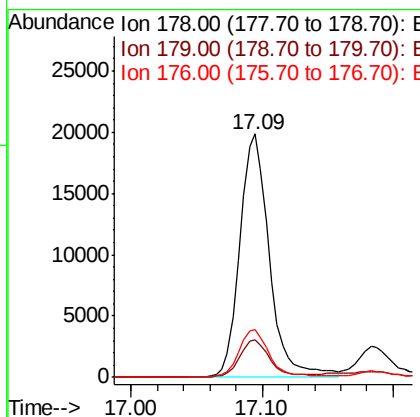
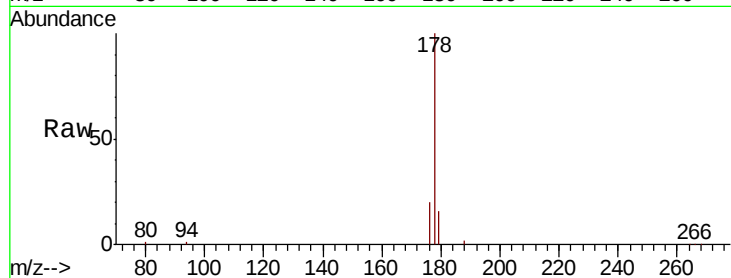
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Tot Ion:178 Resp: 30724

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.5	15.3	22.9

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#13

Anthracene

Concen: 0.094 ng/ul

RT: 17.18 min Scan# 3700

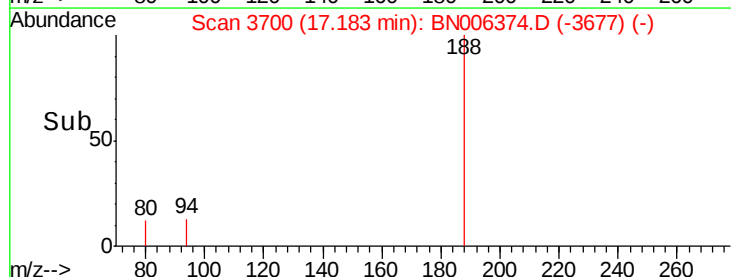
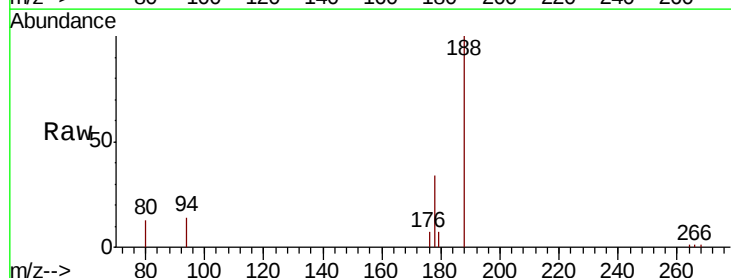
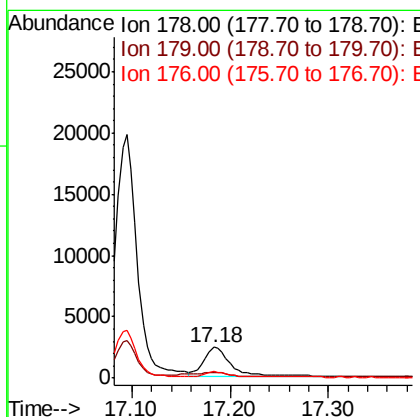
Delta R.T. -0.00 min

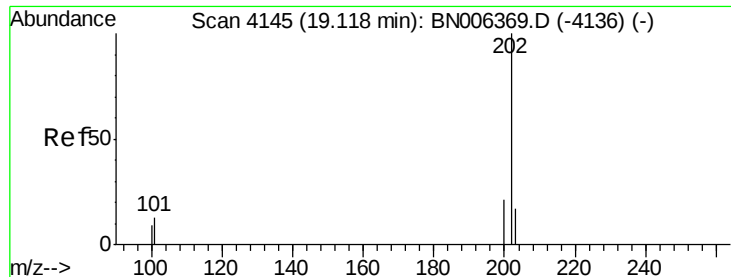
Lab File: BN006374.D

Acq: 18 Jun 2019 12:56

Tgt Ion:178 Resp: 4548

Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.2	18.4#
176	21.3	15.1	22.7





#15

Fluoranthene

Concen: 1.573 ng/ul

RT: 19.13 min Scan# 4147

Delta R.T. 0.01 min

Lab File: BN006374.D

Acq: 18 Jun 2019 12:56

Instrument :

BNA_N

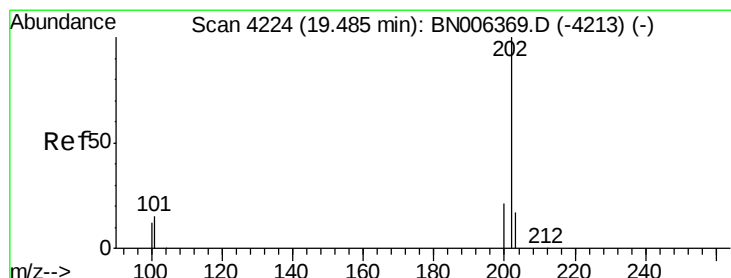
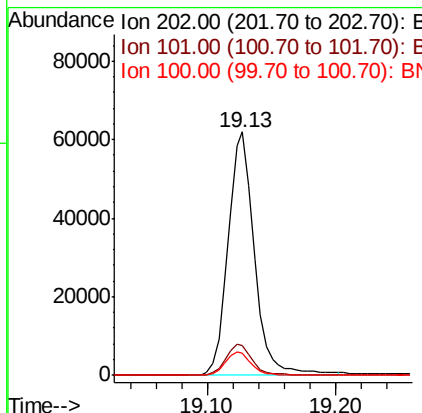
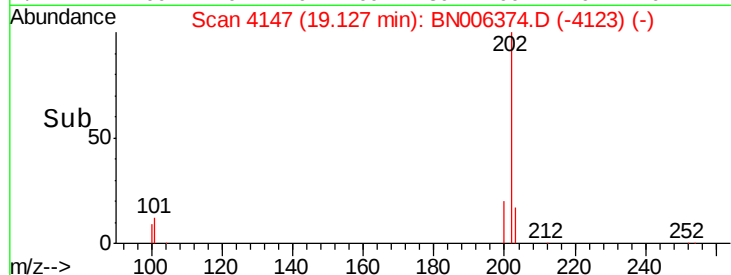
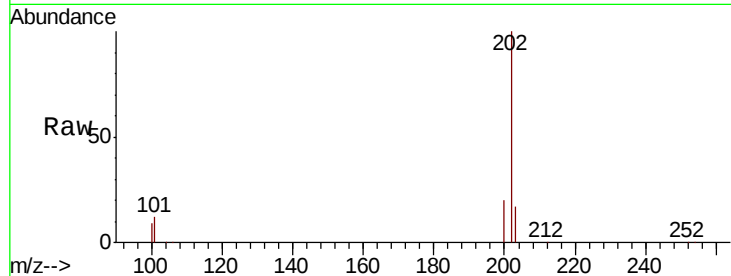
ClientSampleId :

A41W0DL

Tot Ion:	202	Resp:	87867
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	32.1
100	8.9	0.0	28.7

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#17

Pyrene

Concen: 1.276 ng/ul

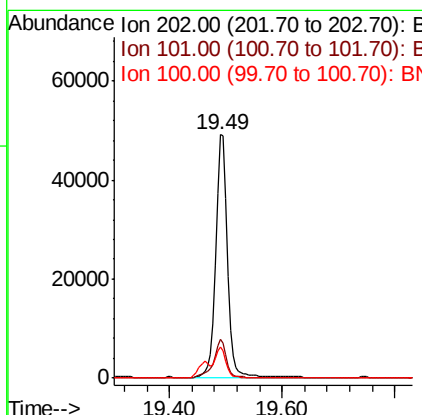
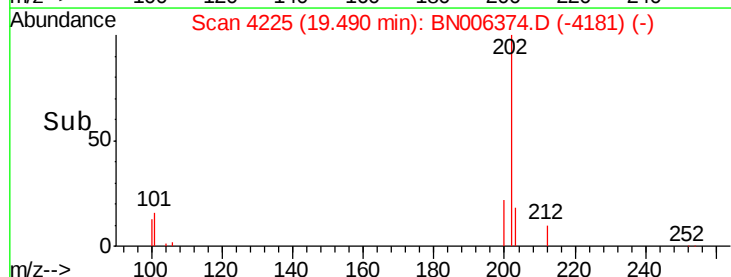
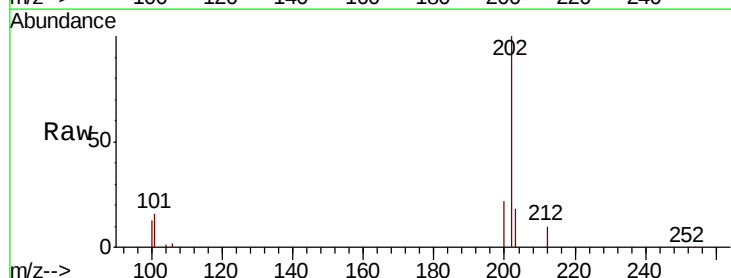
RT: 19.49 min Scan# 4225

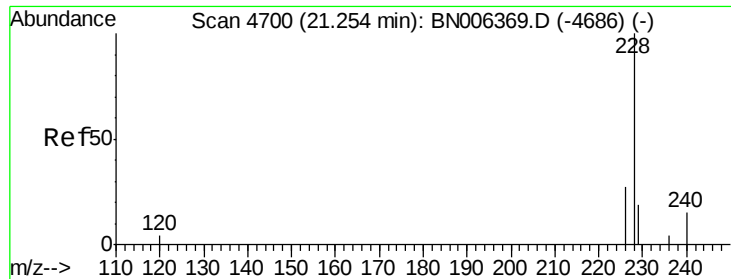
Delta R.T. 0.00 min

Lab File: BN006374.D

Acq: 18 Jun 2019 12:56

Tgt Ion:	202	Resp:	72217
Ion Ratio	Lower	Upper	
202	100		
101	15.8	12.2	18.2
100	12.6	9.8	14.6





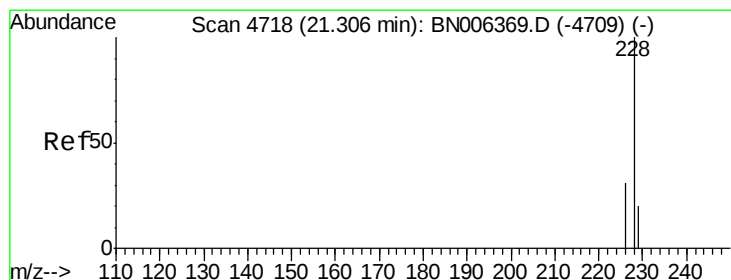
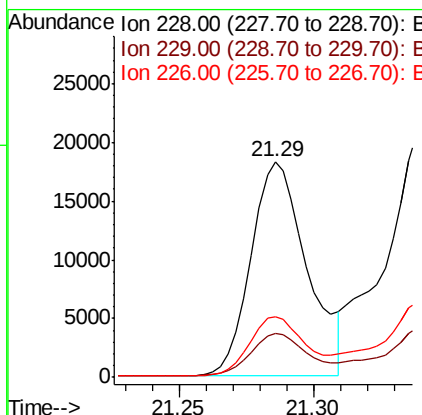
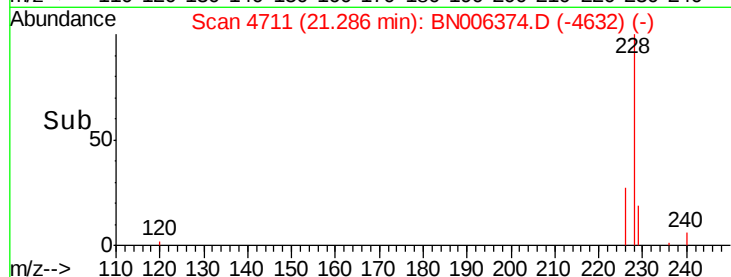
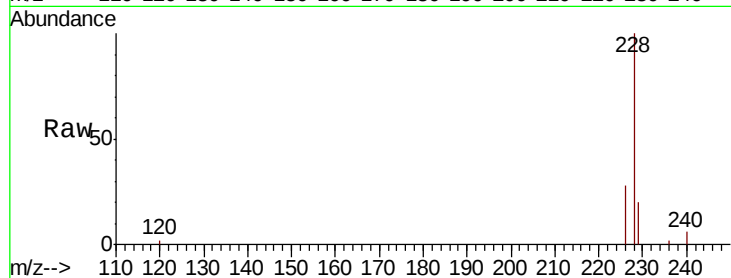
#18
Benzo(a)anthracene
Concen: 0.557 ng/ul
RT: 21.29 min Scan# 4711
Delta R.T. 0.03 min
Lab File: BN006374.D
Acq: 18 Jun 2019 12:56

Instrument :
BNA_N
ClientSampleId :
A41W0DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.5	24.7
226	28.0	22.8	34.2

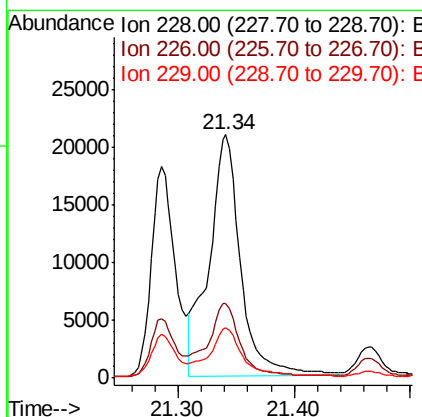
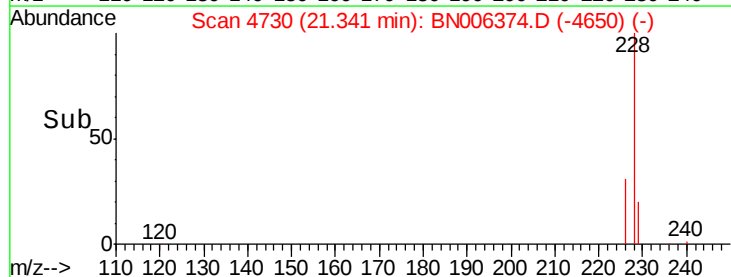
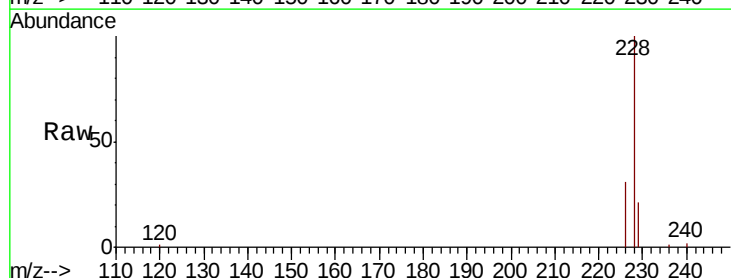
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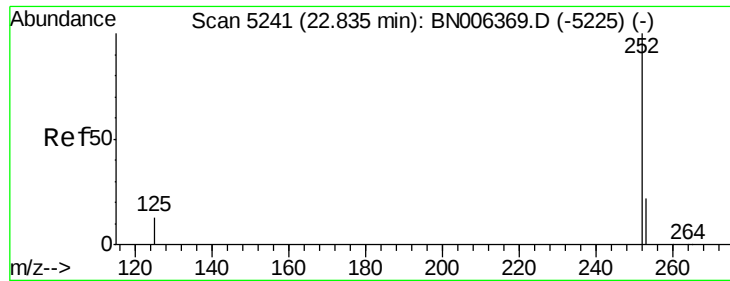
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#19
Chrysene
Concen: 0.899 ng/ul
RT: 21.34 min Scan# 4730
Delta R.T. 0.04 min
Lab File: BN006374.D
Acq: 18 Jun 2019 12:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.9	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.979 ng/ul m

RT: 22.90 min Scan# 5264

Delta R.T. 0.06 min

Lab File: BN006374.D

Acq: 18 Jun 2019 12:56

Instrument :

BNA_N

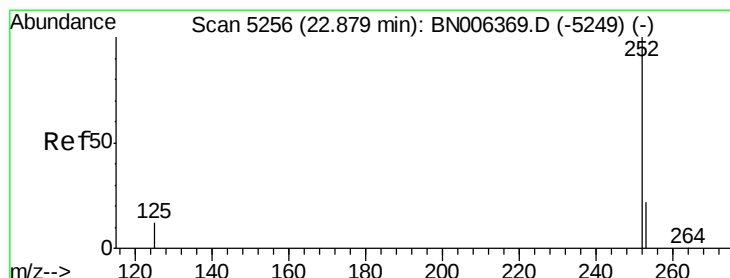
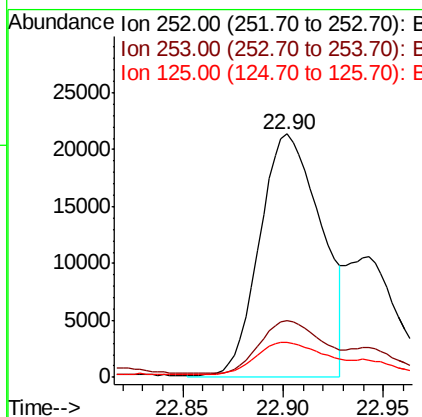
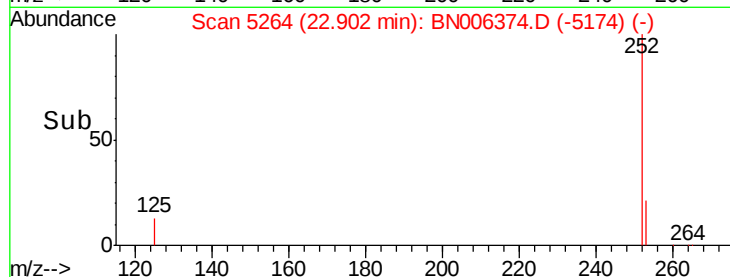
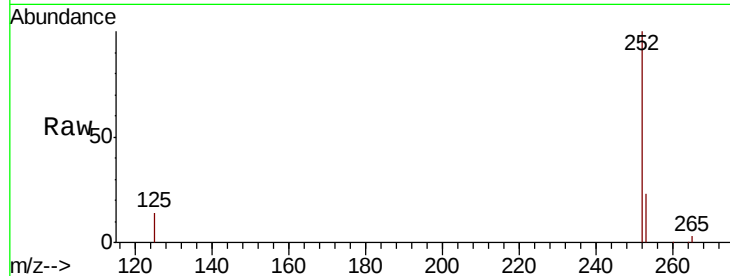
ClientSampleId :

A41W0DL

Tot Ion:	252	Resp:	45849
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	51.4
125	14.4	0.0	41.0

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#22

Benzo(k)fluoranthene

Concen: 0.451 ng/ul m

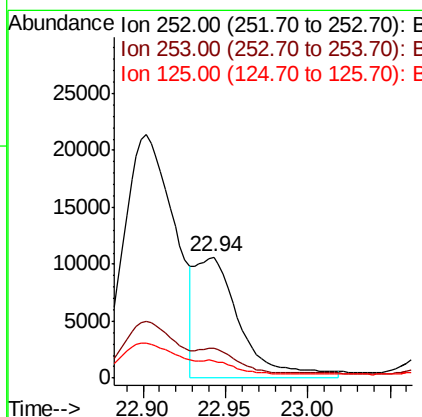
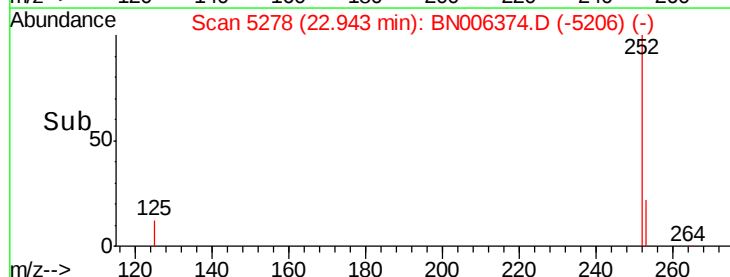
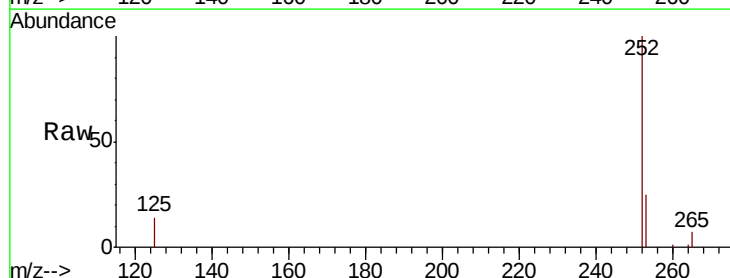
RT: 22.94 min Scan# 5278

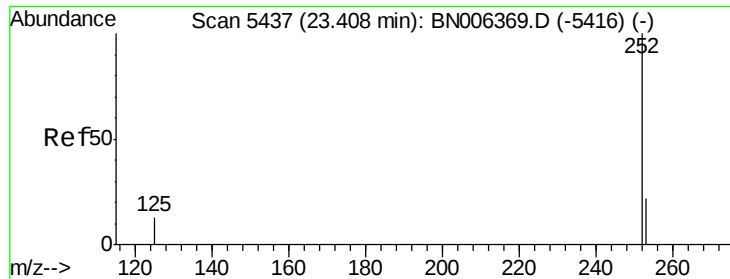
Delta R.T. 0.06 min

Lab File: BN006374.D

Acq: 18 Jun 2019 12:56

Tgt Ion:	252	Resp:	20593
Ion Ratio	Lower	Upper	
252	100		
253	24.8	20.3	30.5
125	14.4	14.3	21.5





#23

Benzo(a)pyrene

Concen: 0.654 ng/ul

RT: 23.47 min Scan# 5460

Delta R.T. 0.06 min

Lab File: BN006374.D

Acq: 18 Jun 2019 12:56

Instrument :

BNA_N

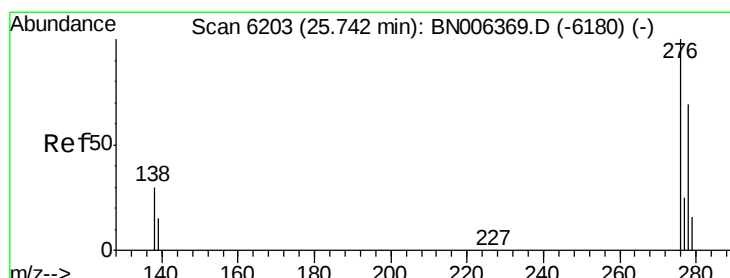
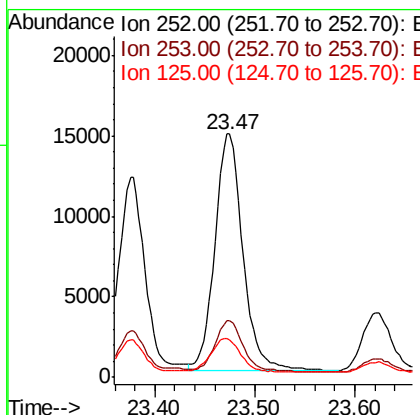
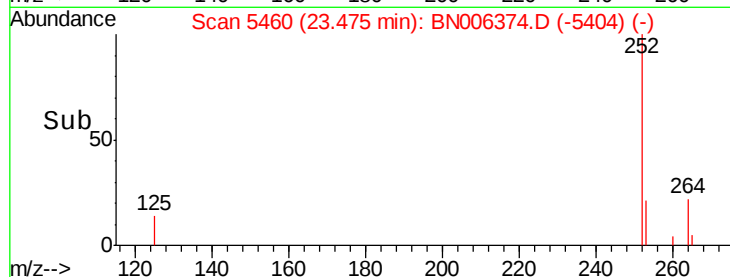
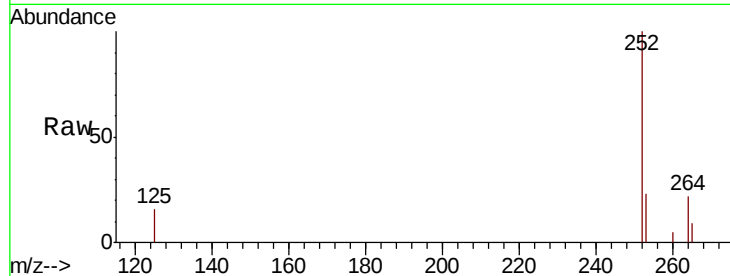
ClientSampleId :

A41W0DL

Tot Ion:	252	Resp:	28549
Ion Ratio	Lower	Upper	
252	100		
253	23.3	21.1	31.7
125	15.7	20.3	30.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.443 ng/ul

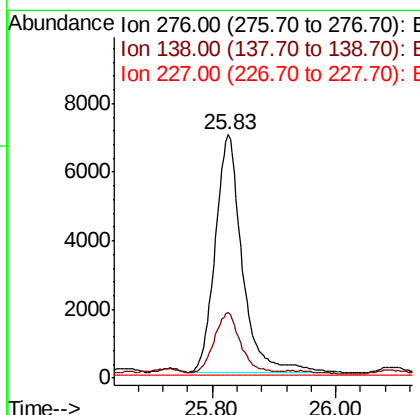
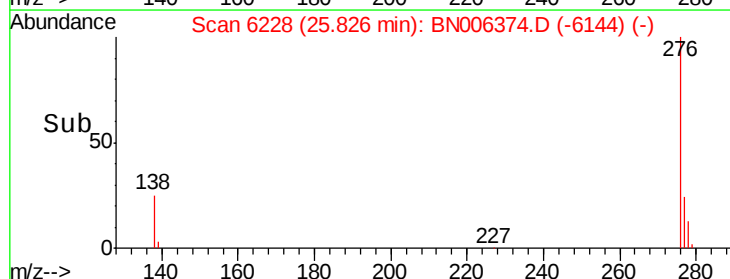
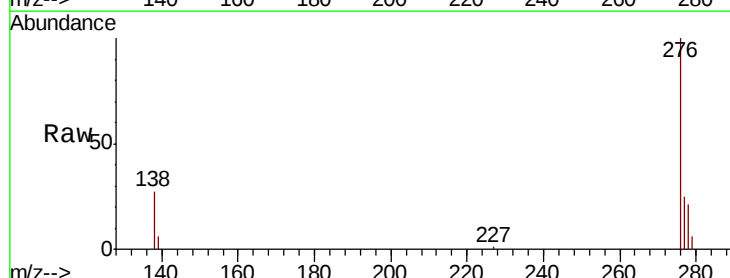
RT: 25.83 min Scan# 6228

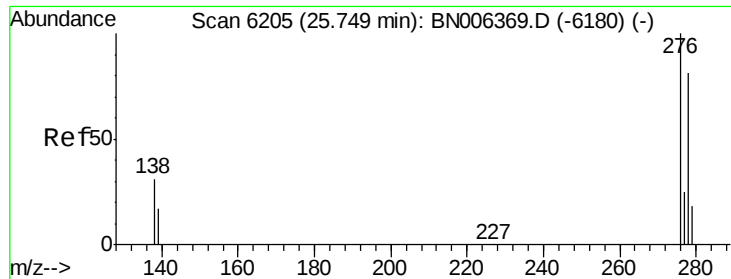
Delta R.T. 0.08 min

Lab File: BN006374.D

Acq: 18 Jun 2019 12:56

Tgt Ion:	276	Resp:	20935
Ion Ratio	Lower	Upper	
276	100		
138	26.8	25.6	38.4
227	0.0	0.3	0.5#





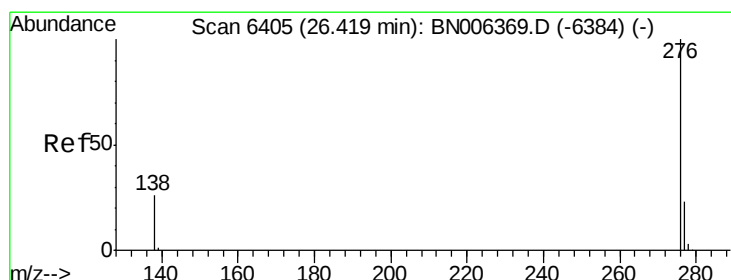
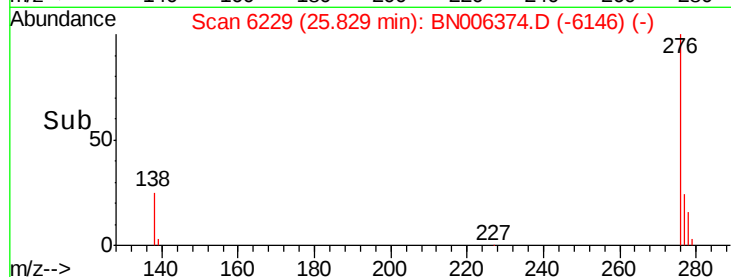
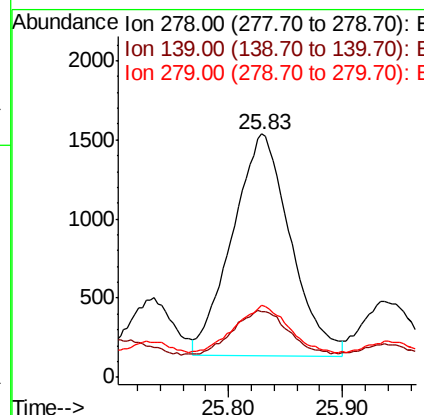
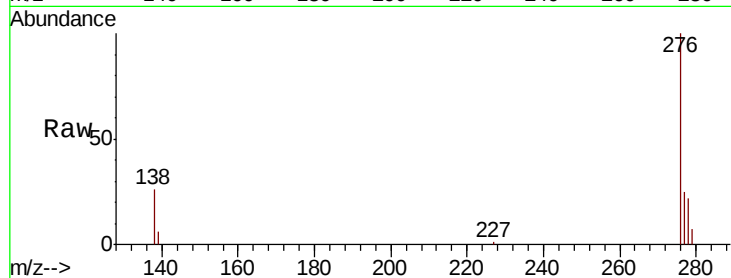
#25
Dibenzo(a,h)anthracene
Concen: 0.131 ng/ul
RT: 25.83 min Scan# 6229
Delta R.T. 0.08 min
Lab File: BN006374.D
Acq: 18 Jun 2019 12:56

Instrument :
BNA_N
ClientSampleId :
A41W0DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.2	21.2	31.8
279	29.5	22.6	33.8

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#26
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 26.51 min Scan# 6432
Delta R.T. 0.08 min
Lab File: BN006374.D
Acq: 18 Jun 2019 12:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	24.2	36.4
277	25.0	21.5	32.3

