

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
 Data File : BN006385.D
 Acq On : 18 Jun 2019 20:08
 Operator : JU/SJ
 Sample : K3335-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Z4

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:39:22 AM

Quant Time: Jun 19 02:06:25 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4103	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15616	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	7805	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	14588m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10738m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	15706	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	3435	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	6930m	0.18	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	2473	0.057	ng/ul#	91
9) Fluorene	15.35	166	1899	0.054	ng/ul#	94
12) Phenanthrene	17.09	178	38073	0.813	ng/ul	99
13) Anthracene	17.17	178	3177m	0.071	ng/ul	
15) Fluoranthene	19.11	202	52341m	1.012	ng/ul	
17) Pyrene	19.48	202	44089	0.779	ng/ul	100
18) Benzo(a)anthracene	21.24	228	16632	0.350	ng/ul	99
19) Chrysene	21.30	228	22901	0.514	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	27838m	0.425	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	9228m	0.145	ng/ul	
23) Benzo(a)pyrene	23.39	252	16120	0.264	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.73	276	11989	0.182	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.73	278	2830	0.054	ng/ul#	76
26) Benzo(g,h,i)perylene	26.41	276	9185	0.166	ng/ul	100

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

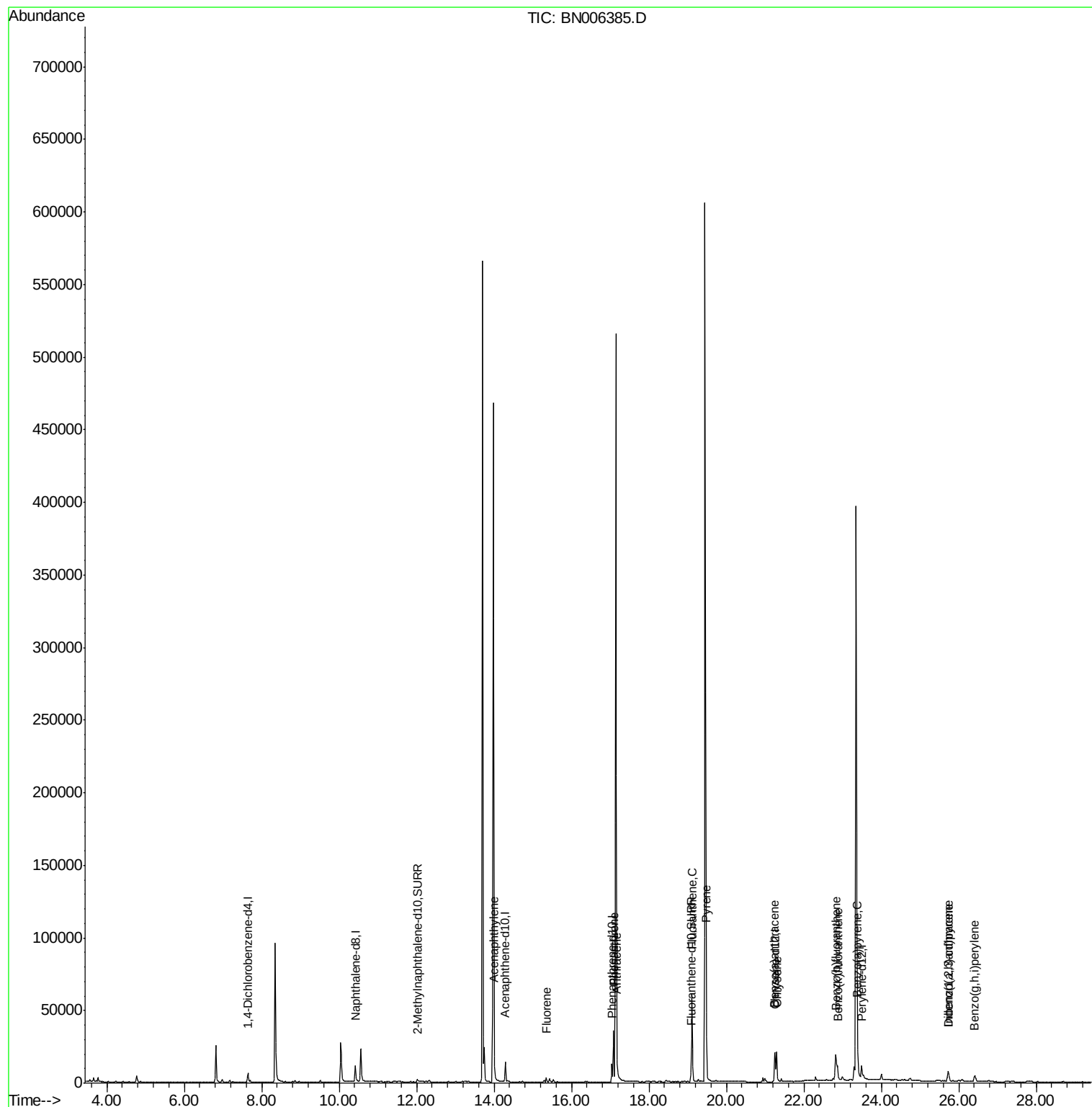
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

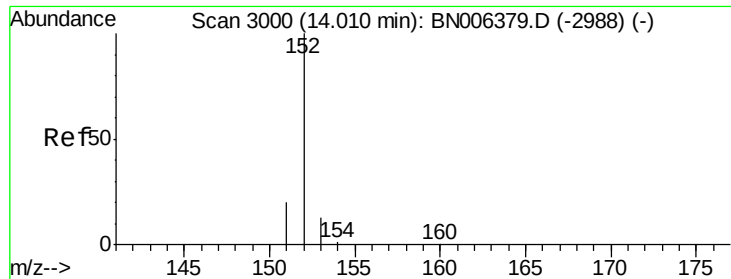
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
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#7

Acenaphthylene

Concen: 0.057 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BN006385.D

Acq: 18 Jun 2019 20:08

Instrument :

BNA_N

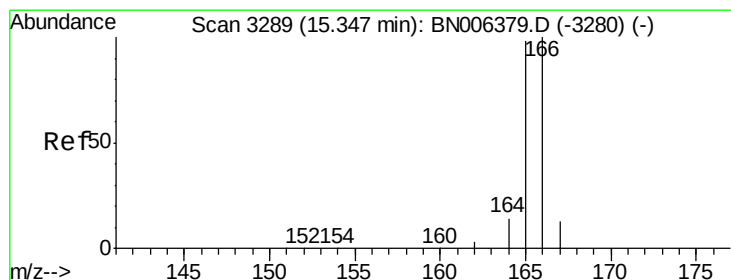
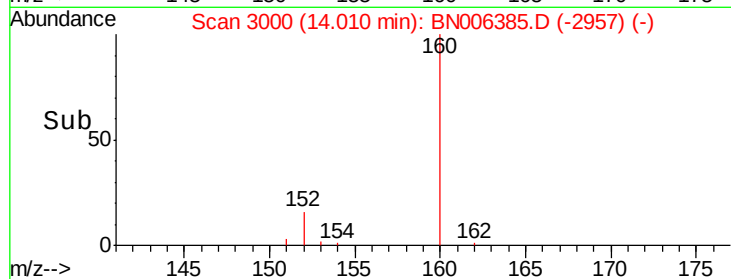
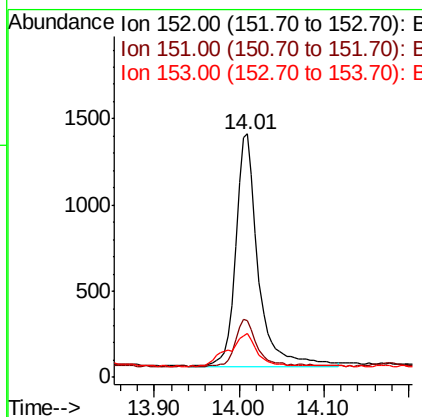
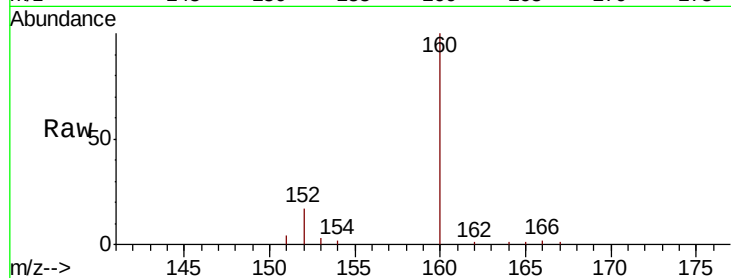
ClientSampleId :

A41Z4

Tot Ion:	152	Resp:	2473
Ion Ratio	Lower	Upper	
152	100		
151	23.3	15.8	23.8
153	18.1	10.8	16.2

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#9

Fluorene

Concen: 0.054 ng/ul

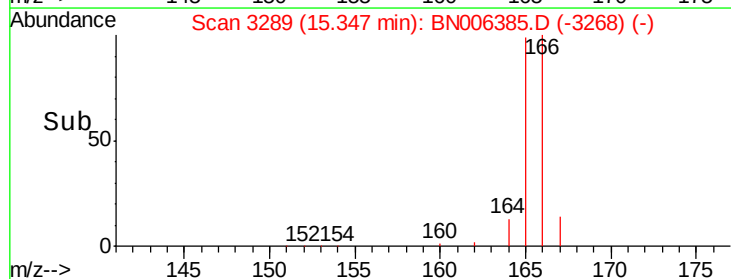
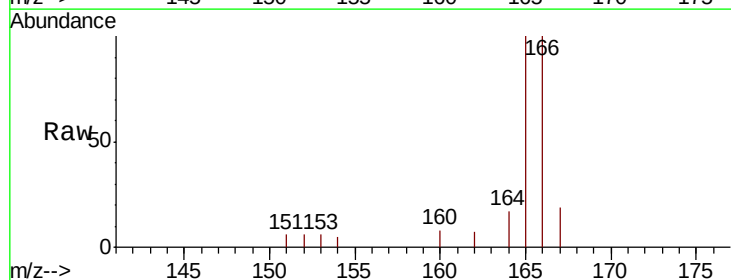
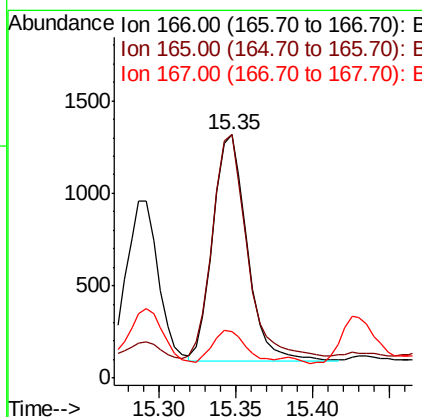
RT: 15.35 min Scan# 3289

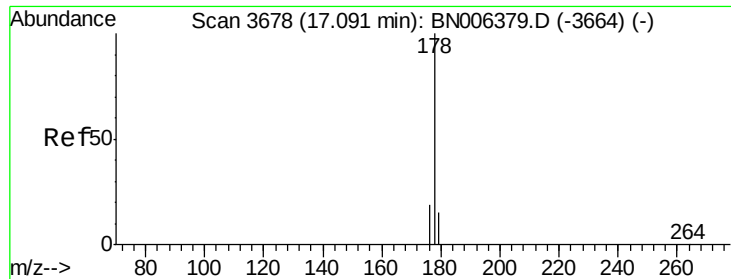
Delta R.T. -0.00 min

Lab File: BN006385.D

Acq: 18 Jun 2019 20:08

Tgt Ion:	166	Resp:	1899
Ion Ratio	Lower	Upper	
166	100		
165	100.1	76.4	114.6
167	18.9	11.0	16.6





#12

Phenanthrene

Concen: 0.813 ng/ul

RT: 17.09 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BN006385.D

Acq: 18 Jun 2019 20:08

Instrument :

BNA_N

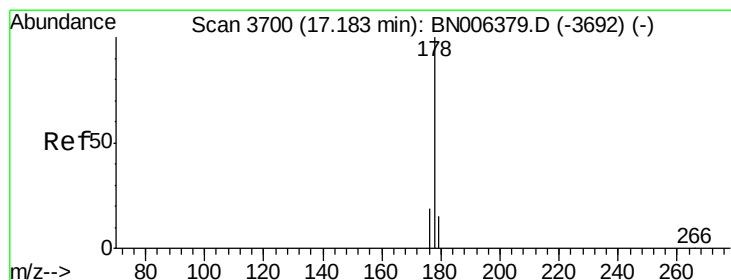
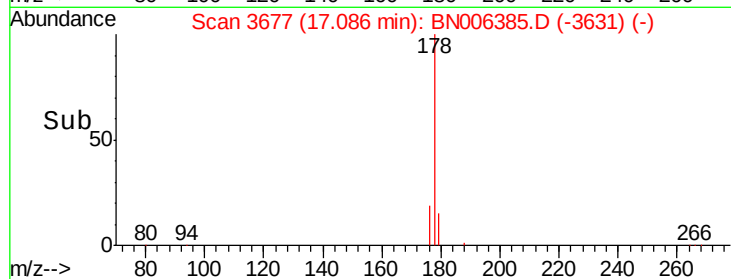
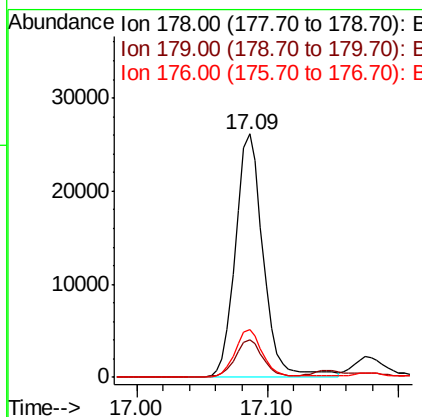
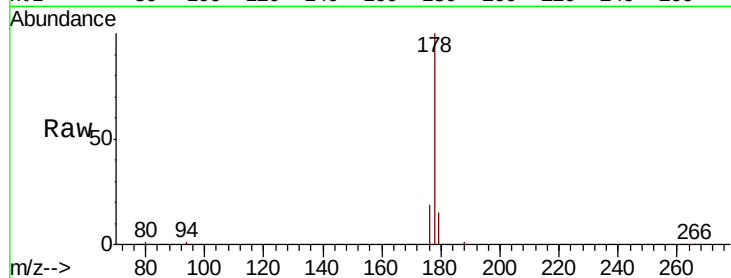
ClientSampleId :

A41Z4

Tot Ion:178	Resp:	38073
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.3 18.5
176	19.5	15.3 22.9

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#13

Anthracene

Concen: 0.071 ng/ul m

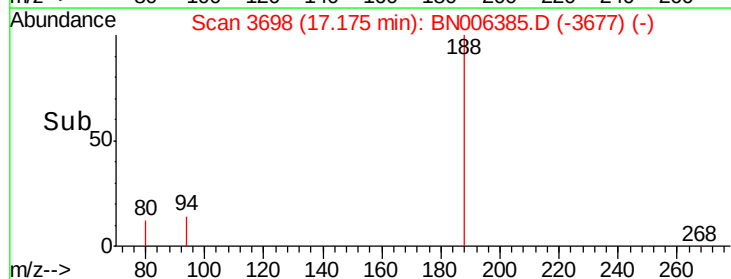
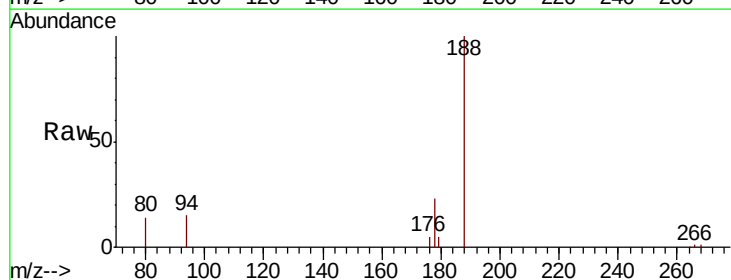
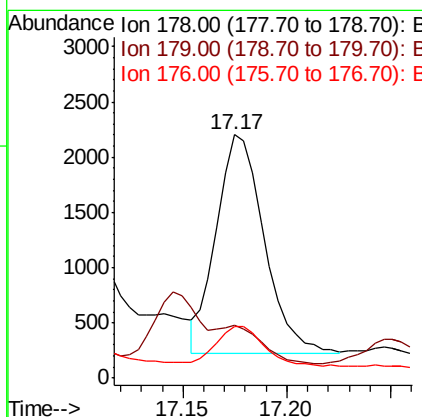
RT: 17.17 min Scan# 3698

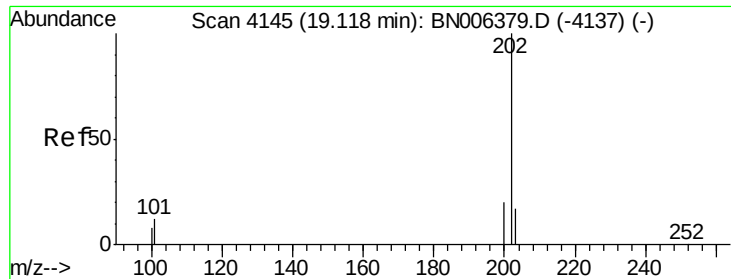
Delta R.T. -0.01 min

Lab File: BN006385.D

Acq: 18 Jun 2019 20:08

Tgt Ion:178	Resp:	3177
Ion Ratio	Lower	Upper
178	100	
179	21.5	12.2 18.4#
176	21.1	15.1 22.7





#15

Fluoranthene

Concen: 1.012 ng/ul m

RT: 19.11 min Scan# 4144

Delta R.T. -0.00 min

Lab File: BN006385.D

Acq: 18 Jun 2019 20:08

Instrument :

BNA_N

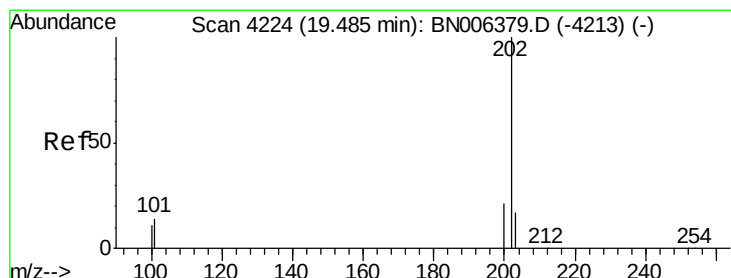
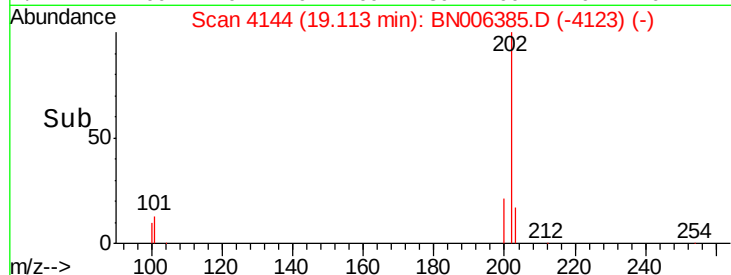
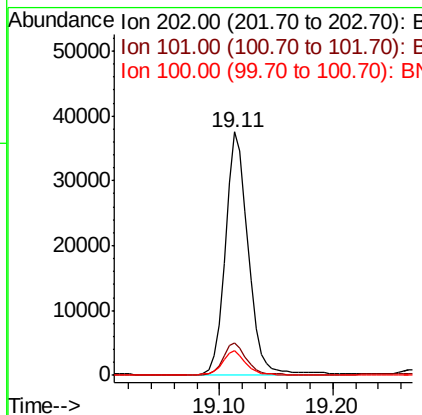
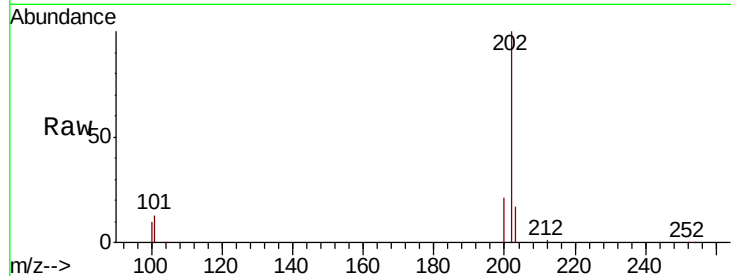
ClientSampleId :

A41Z4

Tot Ion:	202	Resp:	52341
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	32.1
100	10.0	0.0	28.7

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#17

Pyrene

Concen: 0.779 ng/ul

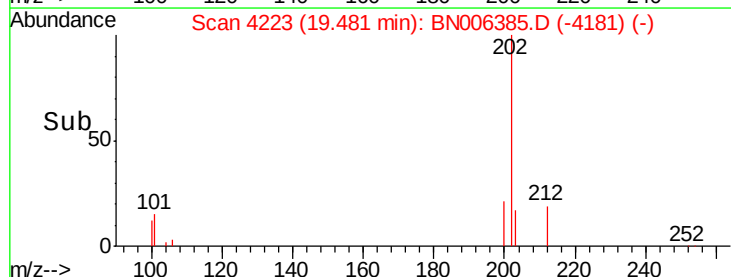
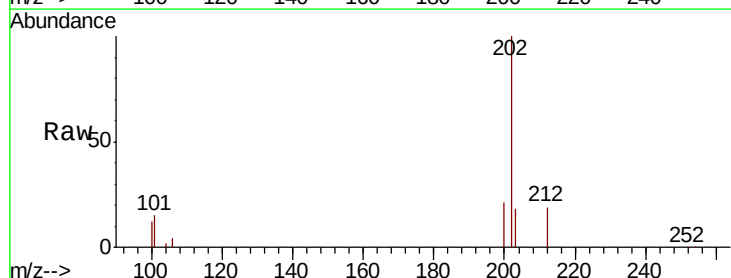
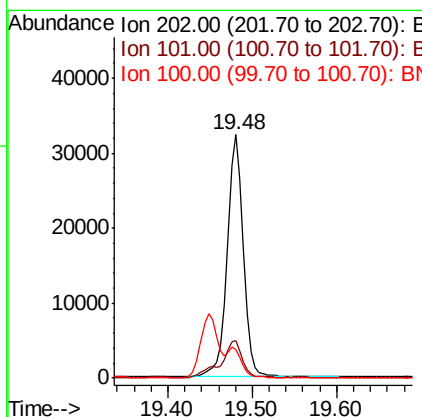
RT: 19.48 min Scan# 4223

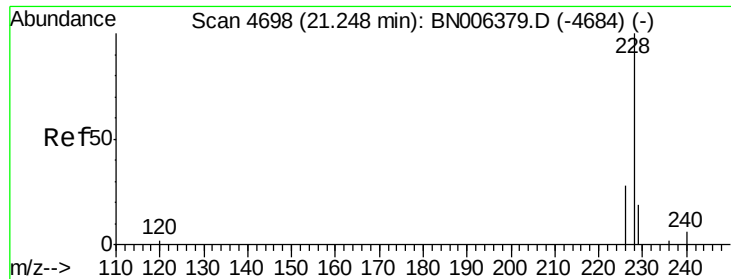
Delta R.T. -0.00 min

Lab File: BN006385.D

Acq: 18 Jun 2019 20:08

Tgt Ion:	202	Resp:	44089
Ion Ratio	Lower	Upper	
202	100		
101	15.2	12.2	18.2
100	11.9	9.8	14.6





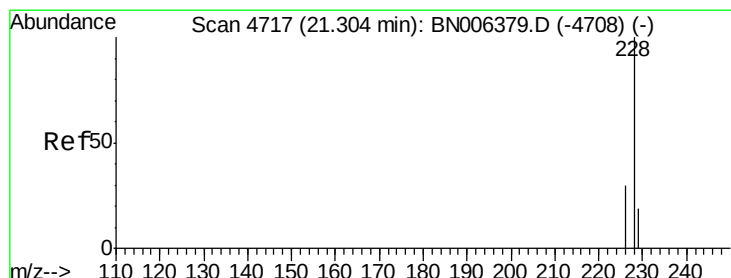
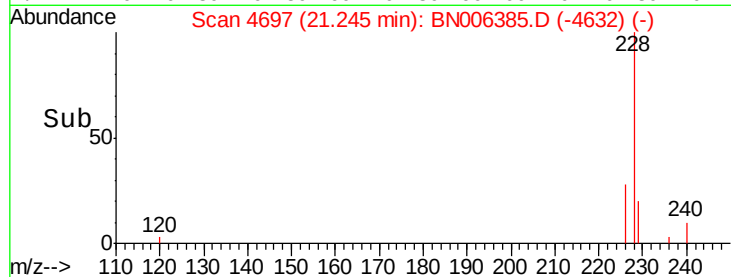
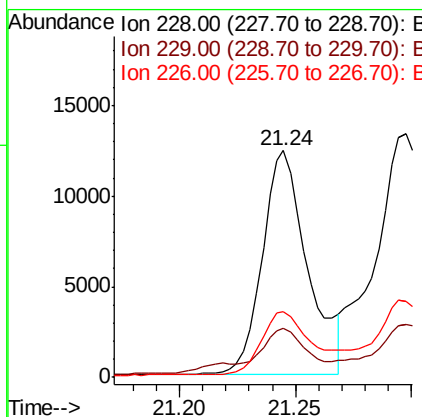
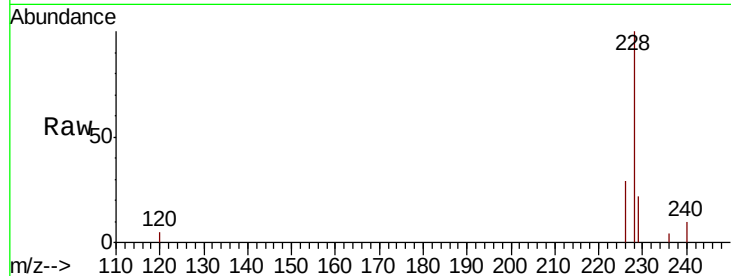
#18
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.24 min Scan# 4697
Delta R.T. -0.01 min
Lab File: BN006385.D
Acq: 18 Jun 2019 20:08

Instrument :
BNA_N
ClientSampleId :
A41Z4

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.5	24.7
226	29.0	22.8	34.2

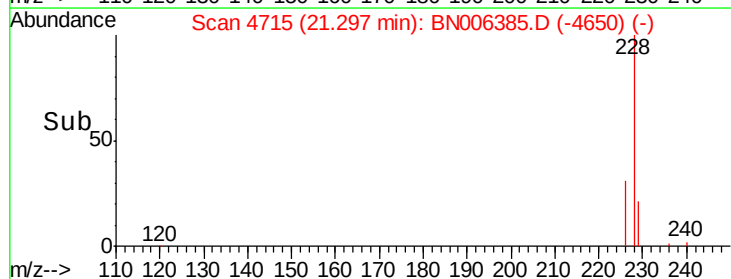
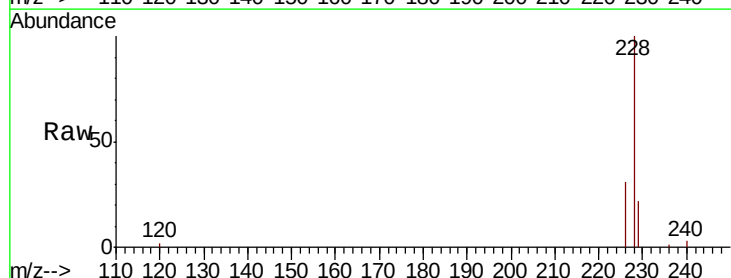
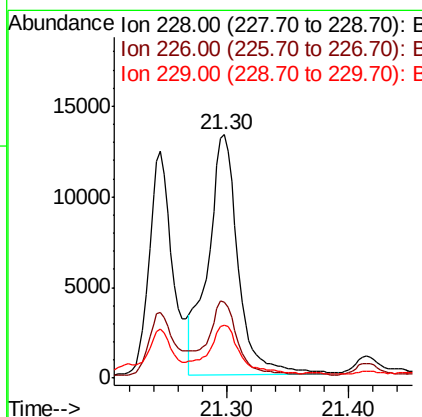
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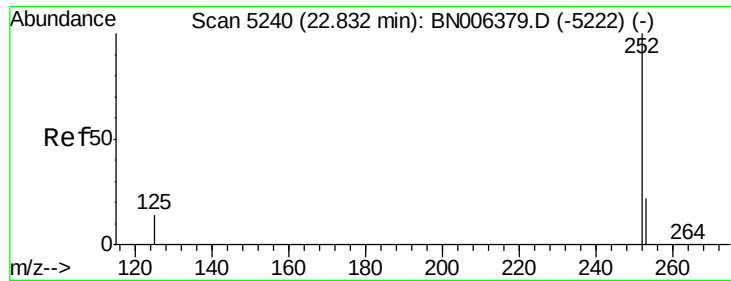
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#19
Chrysene
Concen: 0.514 ng/ul
RT: 21.30 min Scan# 4715
Delta R.T. -0.01 min
Lab File: BN006385.D
Acq: 18 Jun 2019 20:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	21.9	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.425 ng/ul m

RT: 22.83 min Scan# 5238

Delta R.T. -0.01 min

Lab File: BN006385.D

Acq: 18 Jun 2019 20:08

Instrument :

BNA_N

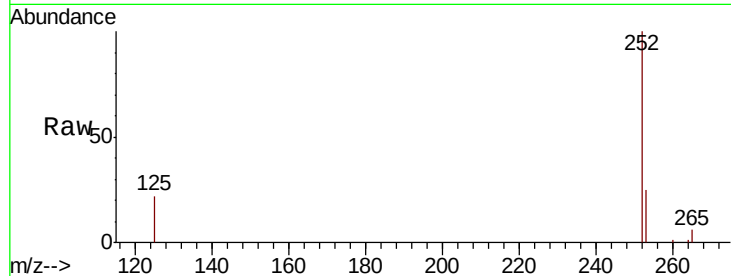
ClientSampleId :

A41Z4

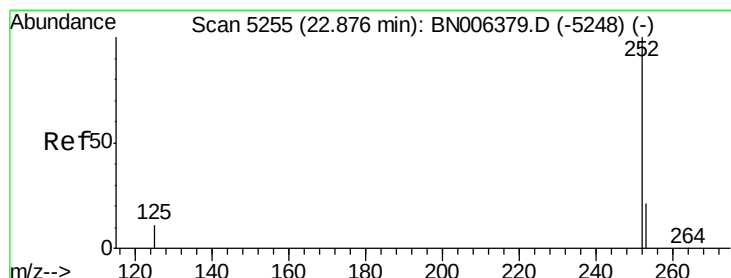
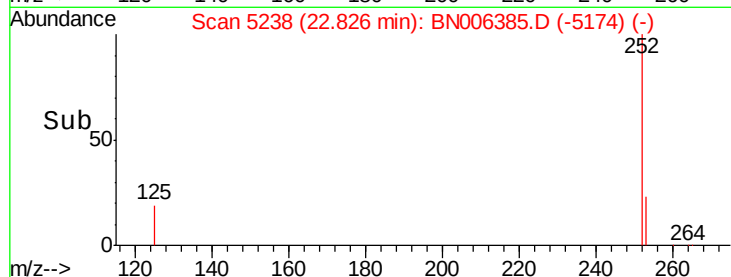
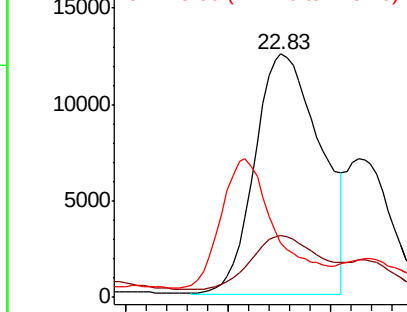
Tot Ion:	252	Resp:	27838
Ion Ratio	Lower	Upper	
252	100		
253	25.4	0.0	51.4
125	22.4	0.0	41.0

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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



#22

Benzo(k)fluoranthene

Concen: 0.145 ng/ul m

RT: 22.86 min Scan# 5251

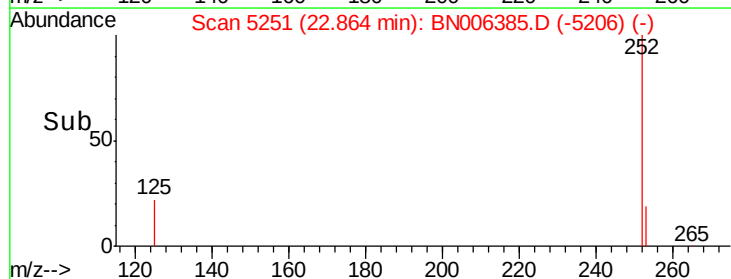
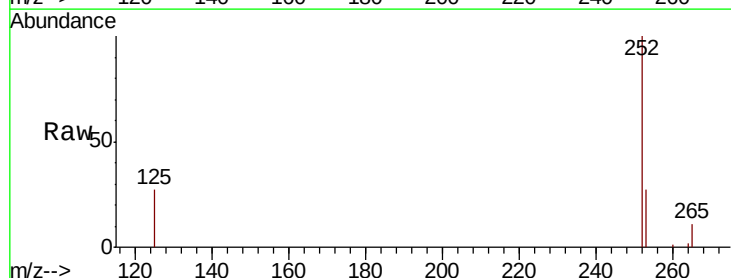
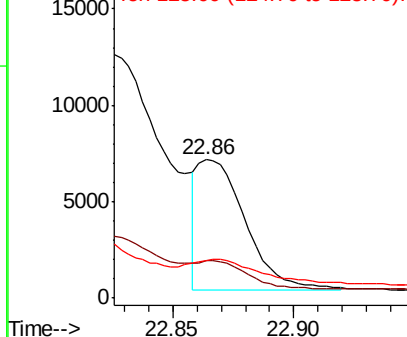
Delta R.T. -0.02 min

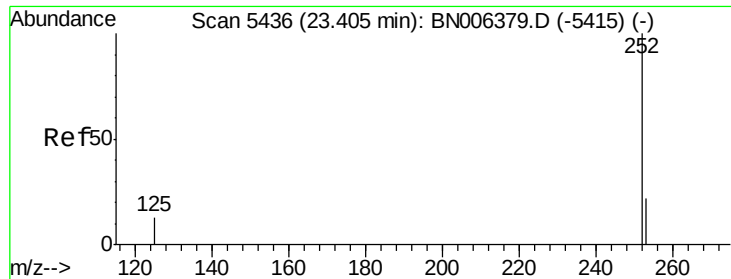
Lab File: BN006385.D

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Tgt Ion:	252	Resp:	9228
Ion Ratio	Lower	Upper	
252	100		
253	27.3	20.3	30.5
125	27.4	14.3	21.5#

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: 0.264 ng/ul

RT: 23.39 min Scan# 5431

Delta R.T. -0.02 min

Lab File: BN006385.D

Acq: 18 Jun 2019 20:08

Instrument :

BNA_N

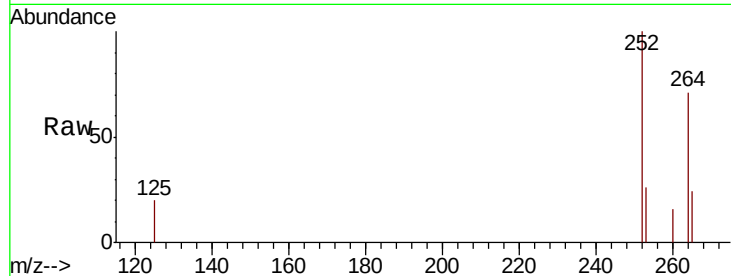
ClientSampleId :

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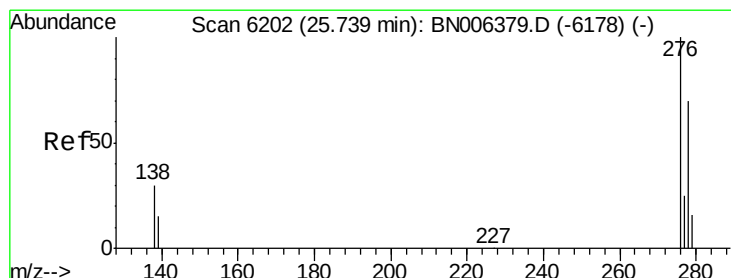
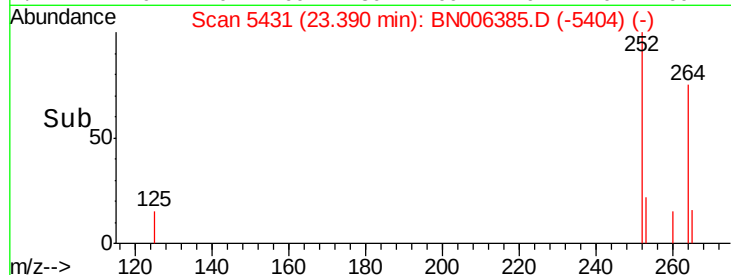
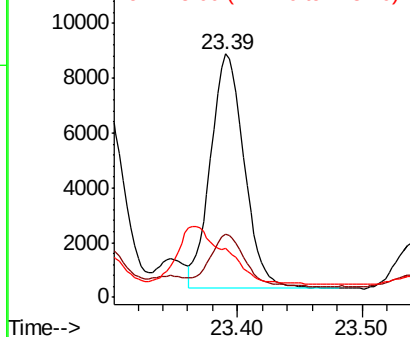
Tot Ion:	252	Resp:	16120
Ion Ratio	Lower	Upper	
252	100		
253	25.9	21.1	31.7
125	20.0	20.3	30.5#

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.182 ng/ul

RT: 25.73 min Scan# 6199

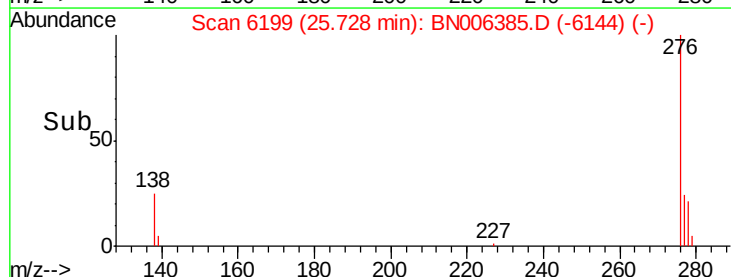
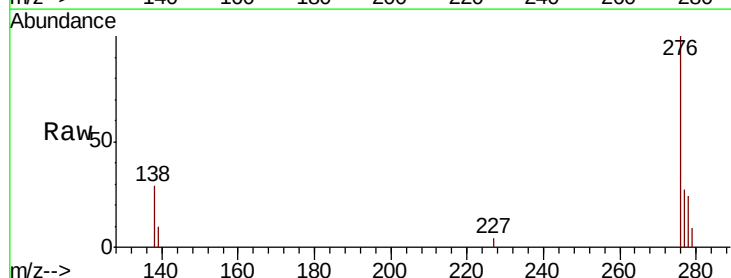
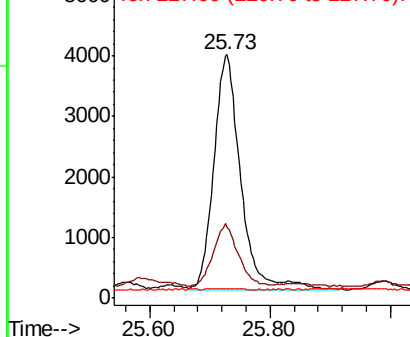
Delta R.T. -0.02 min

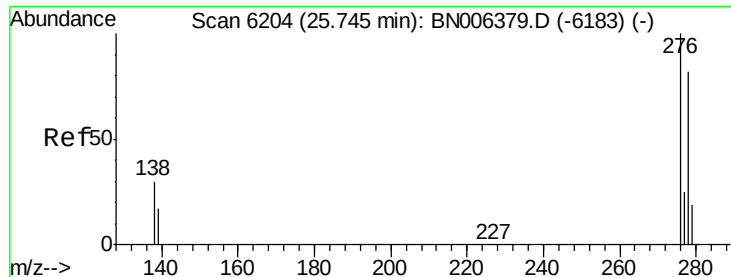
Lab File: BN006385.D

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Tgt Ion:	276	Resp:	11989
Ion Ratio	Lower	Upper	
276	100		
138	24.3	25.6	38.4#
227	0.2	0.3	0.5#

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: 0.054 ng/ul

RT: 25.73 min Scan# 6199

Delta R.T. -0.02 min

Lab File: BN006385.D

Acq: 18 Jun 2019 20:08

Instrument :

BNA_N

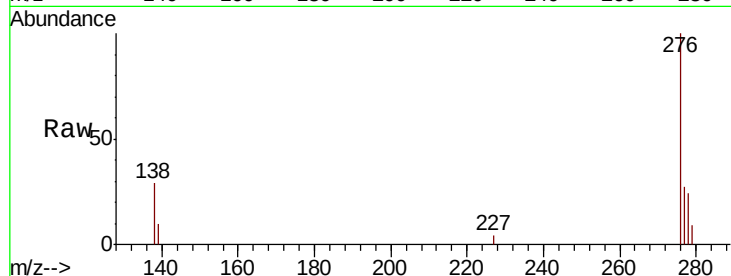
ClientSampleId :

A41Z4

Tot Ion:	278	Resp:	2830
Ion Ratio	Lower	Upper	
278	100		
139	40.6	21.2	31.8#
279	38.8	22.6	33.8#

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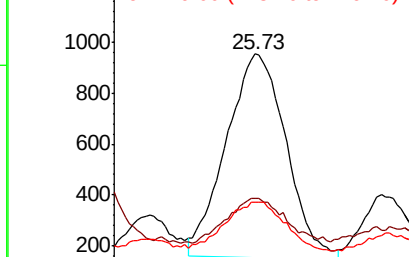


Abundance

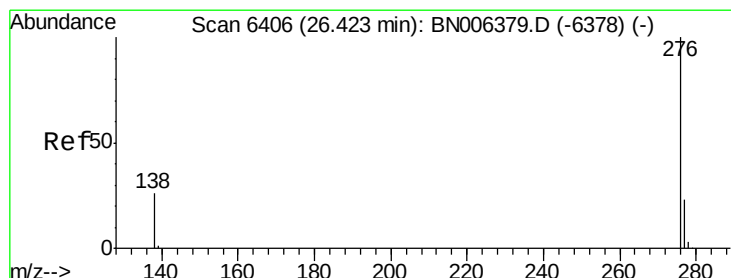
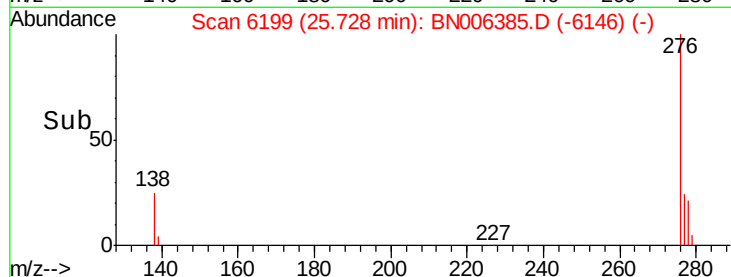
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.166 ng/ul

RT: 26.41 min Scan# 6403

Delta R.T. -0.02 min

Lab File: BN006385.D

Acq: 18 Jun 2019 20:08

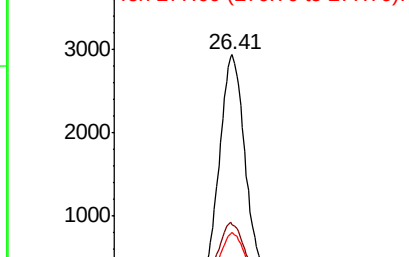
Tgt Ion:	276	Resp:	9185
Ion Ratio	Lower	Upper	
276	100		
138	30.2	24.2	36.4
277	26.8	21.5	32.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

