

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006285.D
 Acq On : 12 Jun 2019 17:53
 Operator : JU/SJ
 Sample : K3083-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F3

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:33:58 AM

Quant Time: Jun 13 02:09:46 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5413	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	20954	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10968	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19886m	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	12475m	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	17847	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7602	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	12525m	0.23	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.09	178	29521	0.462	ng/ul	99
13) Anthracene	17.18	178	2751m	0.045	ng/ul	
15) Fluoranthene	19.12	202	94932m	1.347	ng/ul	
17) Pyrene	19.49	202	70709	1.076	ng/ul	100
18) Benzo(a)anthracene	21.26	228	25193m	0.457	ng/ul	
19) Chrysene	21.31	228	38120	0.736	ng/ul	97
21) Benzo(b)fluoranthene	22.85	252	55040m	0.740	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	19552m	0.270	ng/ul	
23) Benzo(a)pyrene	23.42	252	31526	0.455	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.76	276	27434	0.366	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.76	278	5690	0.095	ng/ul#	67
26) Benzo(g,h,i)perylene	26.44	276	23876	0.380	ng/ul	99

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

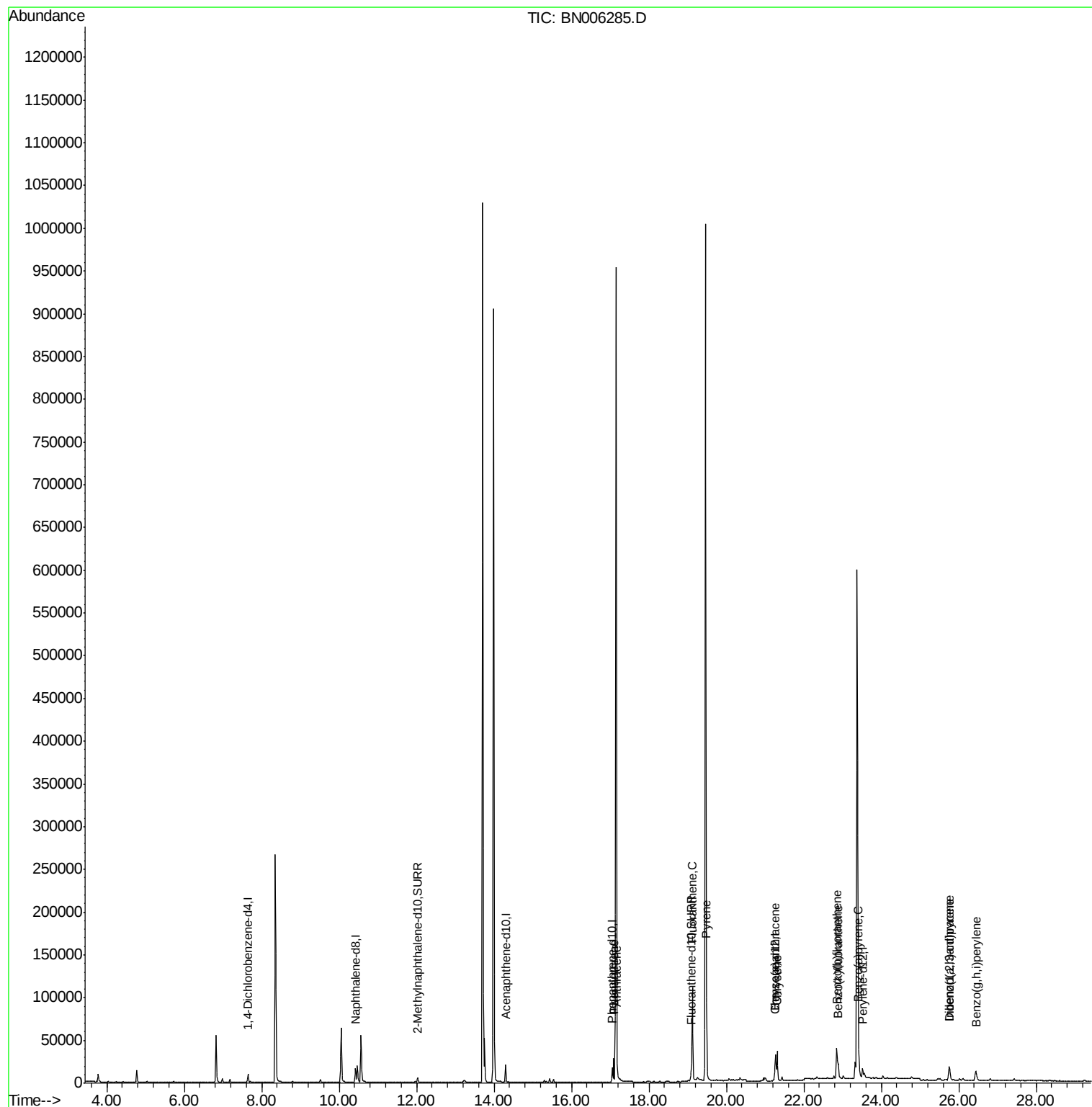
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006285.D
Acq On : 12 Jun 2019 17:53
Operator : JU/SJ
Sample : K3083-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

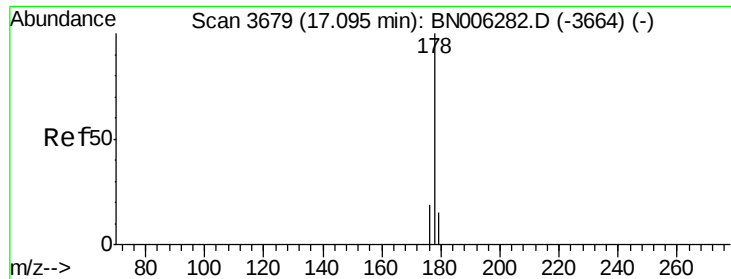
Instrument :
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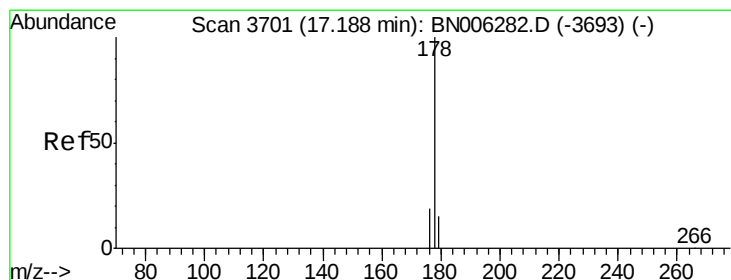
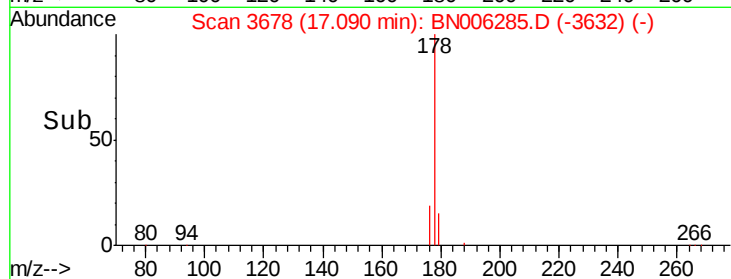
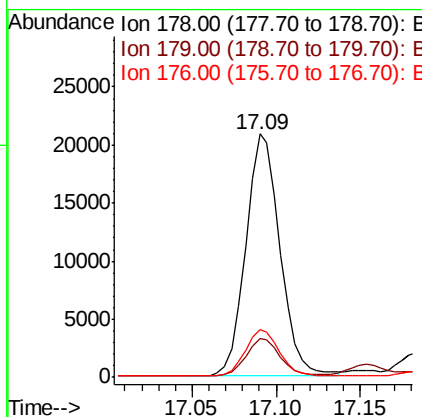
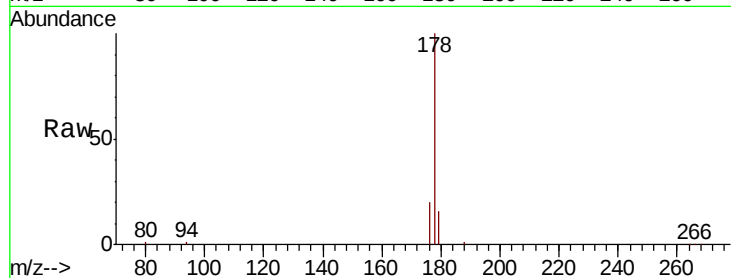
#12
Phenanthrene
Concen: 0.462 ng/ul
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006285.D
Acq: 12 Jun 2019 17:53

Instrument :
BNA_N
ClientSampleId :
A51F3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.6	15.3	22.9

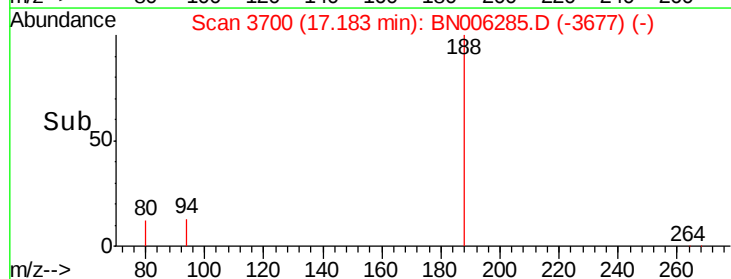
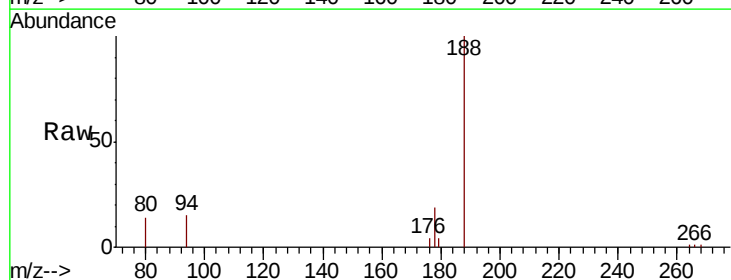
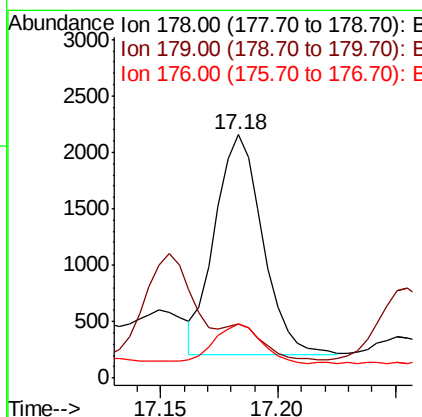
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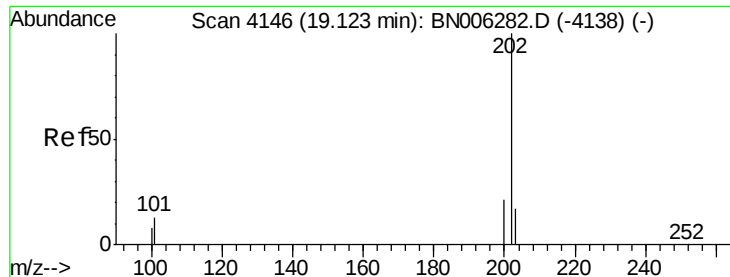
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#13
Anthracene
Concen: 0.045 ng/ul m
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006285.D
Acq: 12 Jun 2019 17:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.0	12.2	18.4#
176	22.4	15.1	22.7





#15

Fluoranthene

Concen: 1.347 ng/ul m

RT: 19.12 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN006285.D

Acq: 12 Jun 2019 17:53

Instrument :

BNA_N

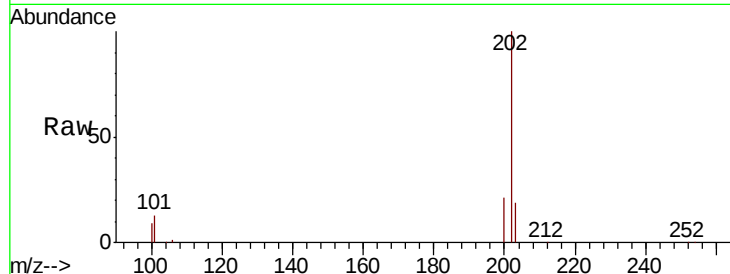
ClientSampleId :

A51F3

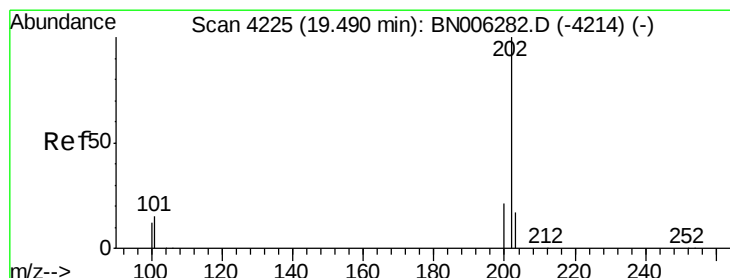
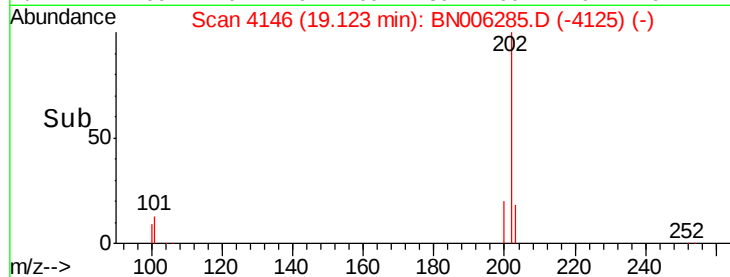
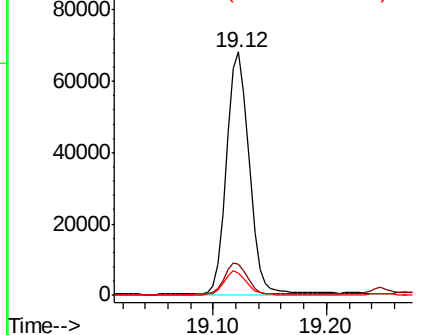
Tot Ion:	202	Resp:	94932
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	32.1
100	9.3	0.0	28.7

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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

Pyrene

Concen: 1.076 ng/ul

RT: 19.49 min Scan# 4225

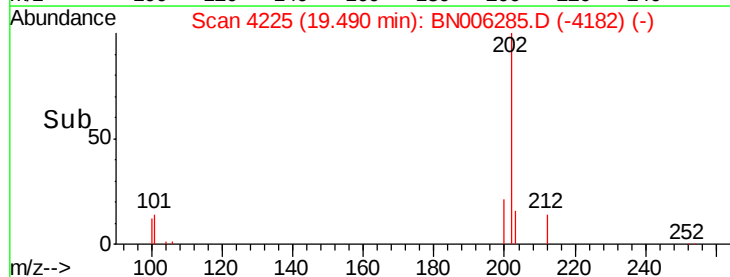
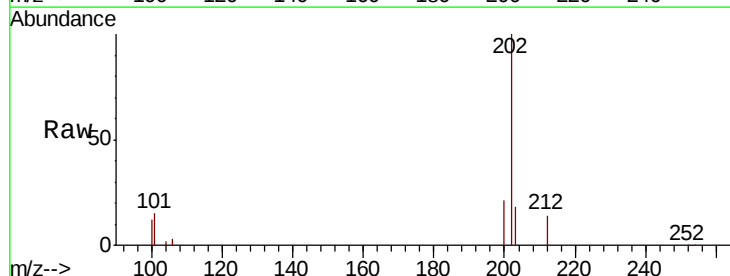
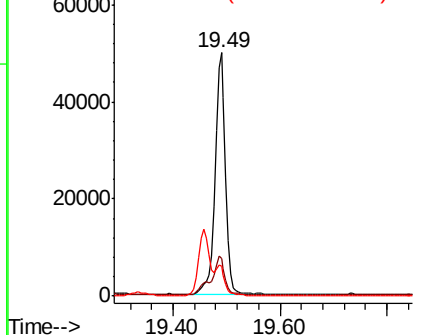
Delta R.T. -0.00 min

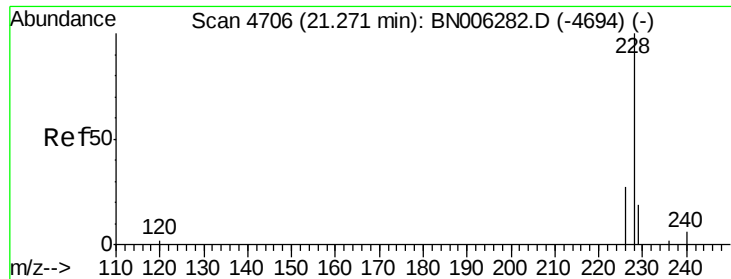
Lab File: BN006285.D

Acq: 12 Jun 2019 17:53

Tgt Ion:	202	Resp:	70709
Ion Ratio	Lower	Upper	
202	100		
101	15.2	12.2	18.2
100	12.0	9.8	14.6

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





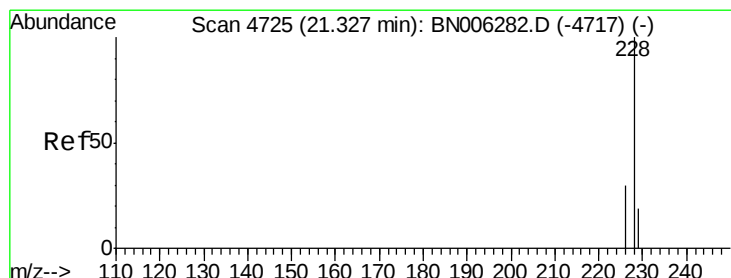
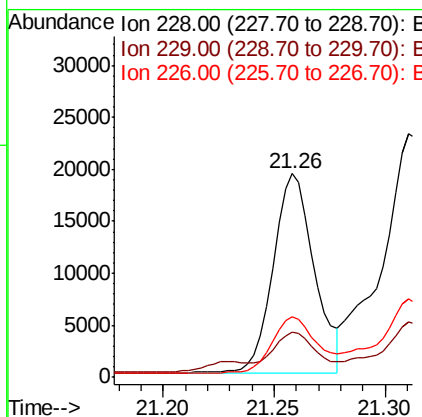
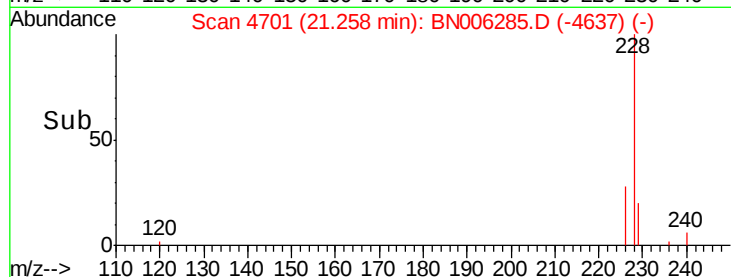
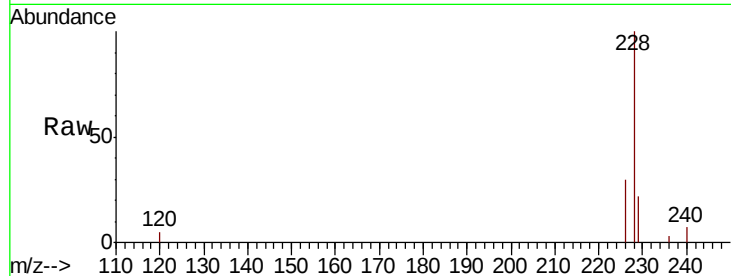
#18
Benzo(a)anthracene
Concen: 0.457 ng/ul m
RT: 21.26 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BN006285.D
Acq: 12 Jun 2019 17:53

Instrument :
BNA_N
ClientSampleId :
A51F3

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.5	24.7
226	29.8	22.8	34.2

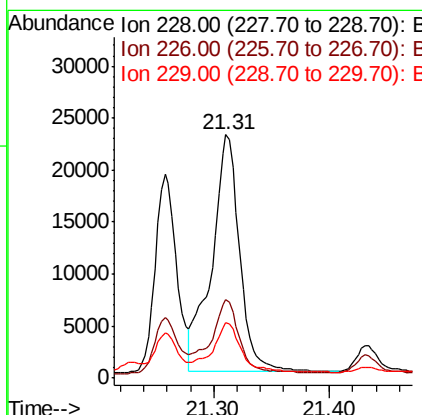
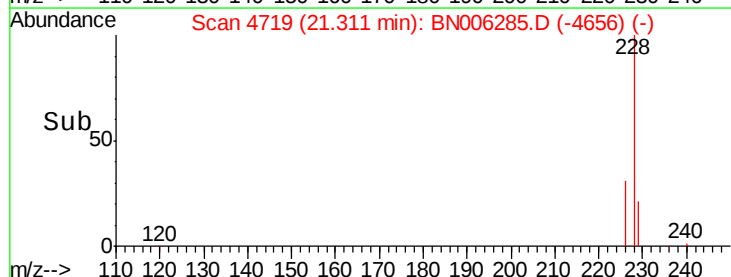
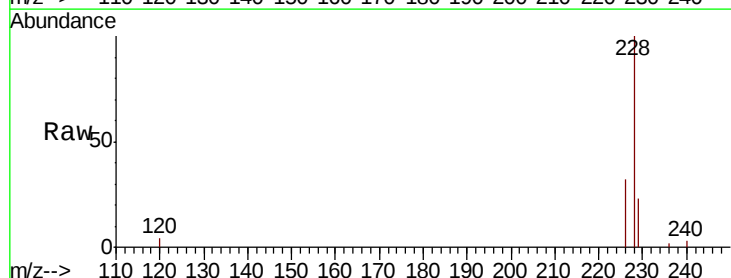
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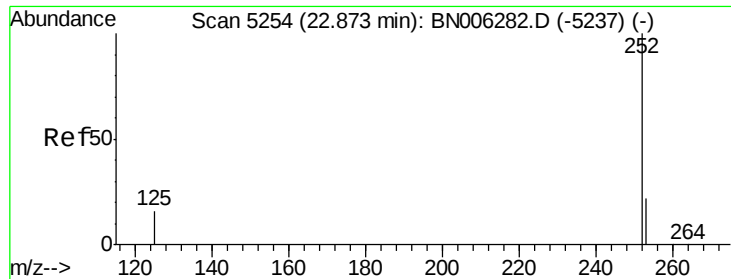
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#19
Chrysene
Concen: 0.736 ng/ul
RT: 21.31 min Scan# 4719
Delta R.T. -0.02 min
Lab File: BN006285.D
Acq: 12 Jun 2019 17:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	22.6	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.740 ng/ul m

RT: 22.85 min Scan# 5245

Delta R.T. -0.03 min

Lab File: BN006285.D

Acq: 12 Jun 2019 17:53

Instrument :

BNA_N

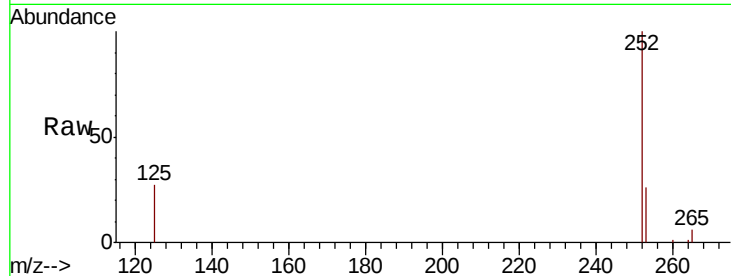
ClientSampleId :

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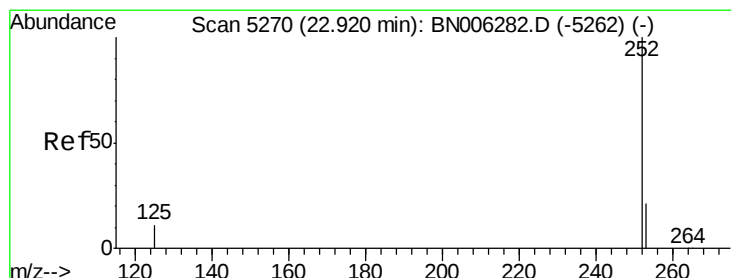
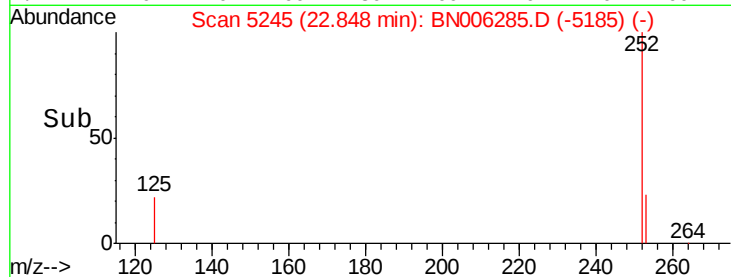
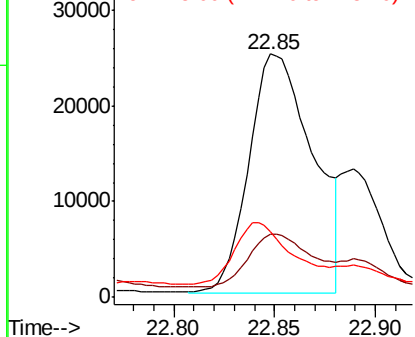
Tot Ion:	252	Resp:	55040
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	51.4
125	27.0	0.0	41.0

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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: 0.270 ng/ul m

RT: 22.89 min Scan# 5259

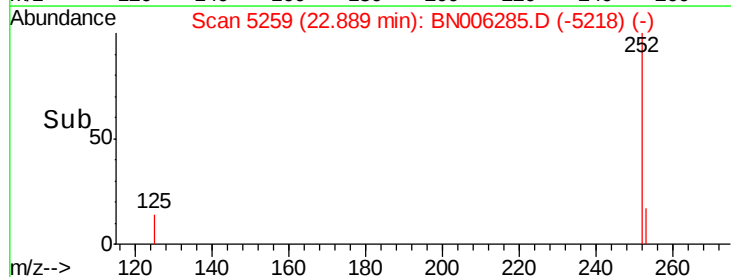
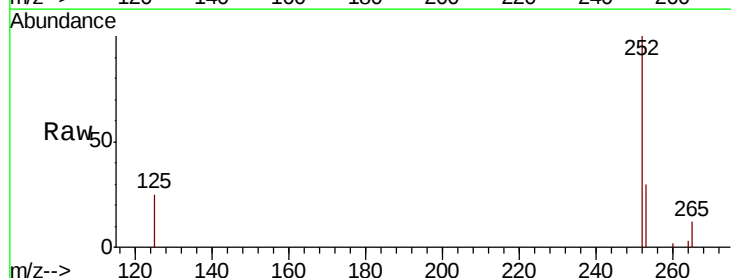
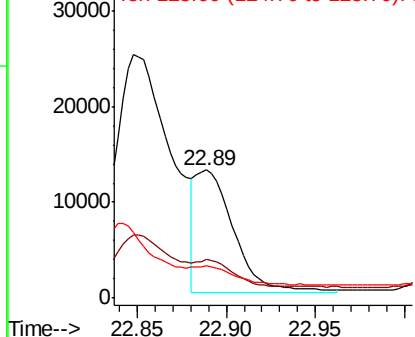
Delta R.T. -0.03 min

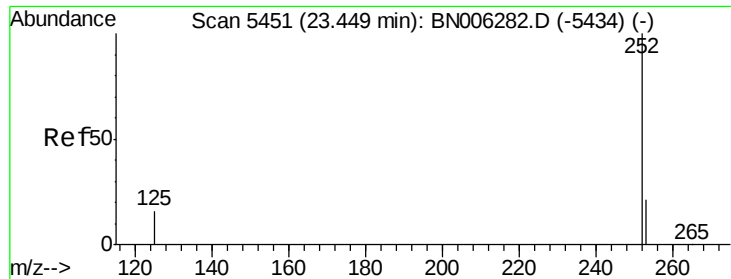
Lab File: BN006285.D

Acq: 12 Jun 2019 17:53

Tgt Ion:	252	Resp:	19552
Ion Ratio	Lower	Upper	
252	100		
253	29.8	20.3	30.5
125	24.8	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: 0.455 ng/ul

RT: 23.42 min Scan# 5441

Delta R.T. -0.03 min

Lab File: BN006285.D

Acq: 12 Jun 2019 17:53

Instrument :

BNA_N

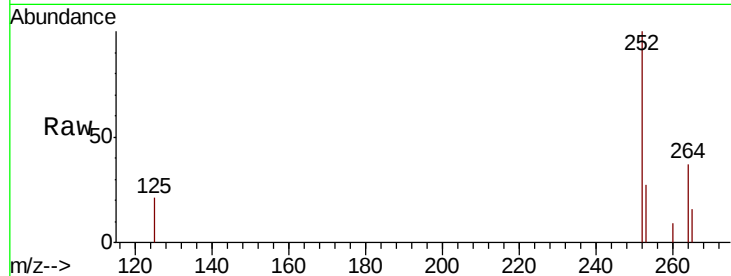
ClientSampleId :

A51F3

Tot Ion:	252	Resp:	31526
Ion Ratio	Lower	Upper	
252	100		
253	27.4	21.1	31.7
125	21.4	20.3	30.5

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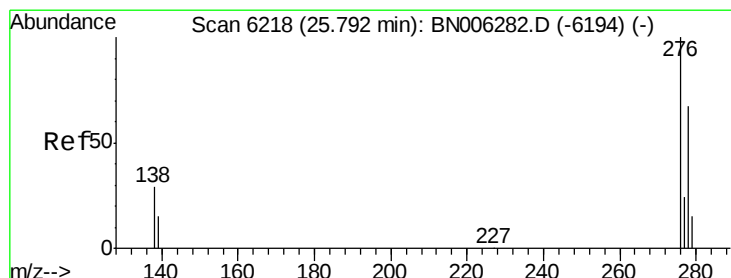
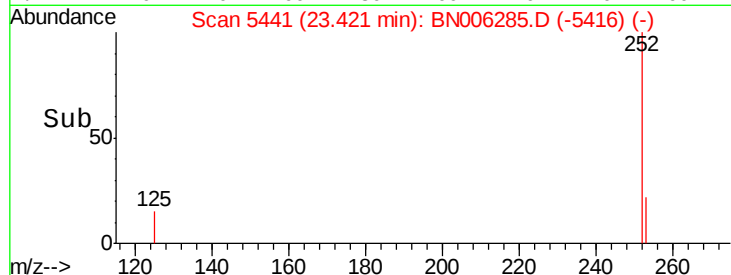
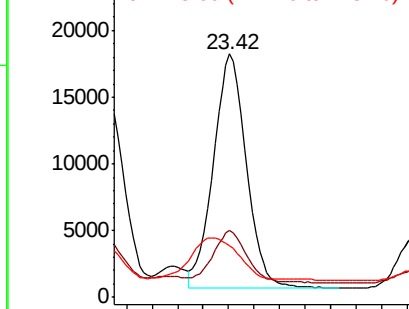


Abundance

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: 0.366 ng/ul

RT: 25.76 min Scan# 6207

Delta R.T. -0.04 min

Lab File: BN006285.D

Acq: 12 Jun 2019 17:53

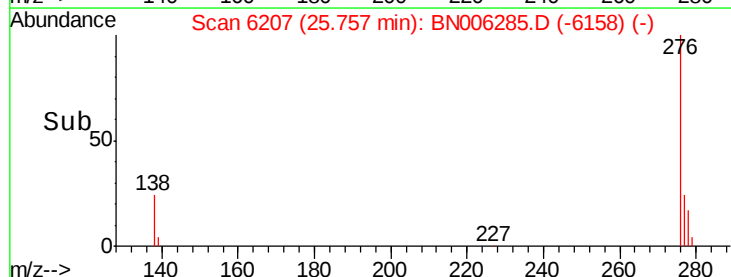
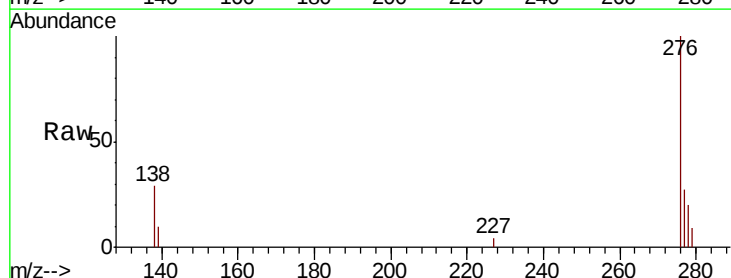
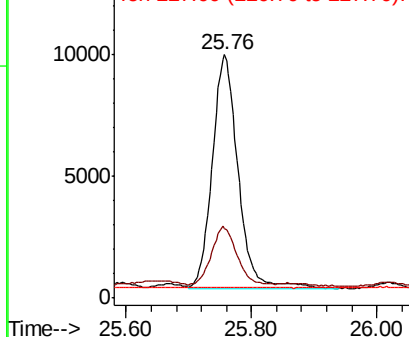
Tgt Ion:	276	Resp:	27434
Ion Ratio	Lower	Upper	
276	100		
138	25.4	25.6	38.4#
227	0.0	0.3	0.5#

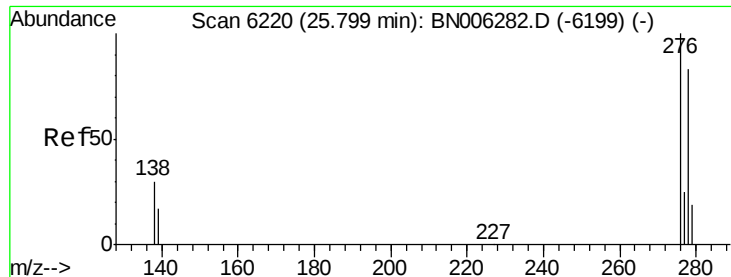
Abundance

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: 0.095 ng/u1

RT: 25.76 min Scan# 6208

Delta R.T. -0.04 min

Lab File: BN006285.D

Acq: 12 Jun 2019 17:53

Instrument :

BNA_N

ClientSampleId :

A51F3

Tot Ion:278 Resp: 5690

Ion Ratio Lower Upper

278 100

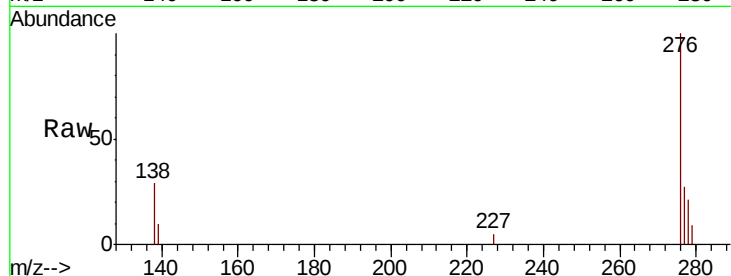
139 48.1 21.2 31.8#

279 41.4 22.6 33.8#

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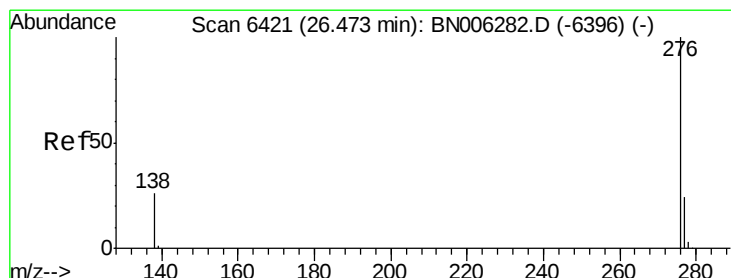
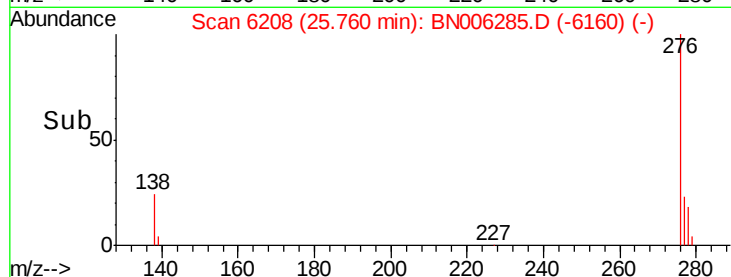
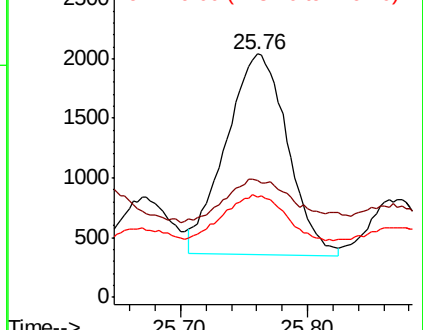
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.380 ng/u1

RT: 26.44 min Scan# 6411

Delta R.T. -0.03 min

Lab File: BN006285.D

Acq: 12 Jun 2019 17:53

Tgt Ion:276 Resp: 23876

Ion Ratio Lower Upper

276 100

138 31.1 24.2 36.4

277 27.5 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

