

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006292.D
 Acq On : 12 Jun 2019 21:55
 Operator : JU/SJ
 Sample : K3231-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M0

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:17 AM

Quant Time: Jun 13 03:08:08 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	5556	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	21470	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11982	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	23543m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13987m	0.40	ng/ul	-0.03
20) Perylene-d12	23.49	264	12187m	0.40	ng/ul	-0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5486	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10736m	0.17	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.09	178	4222m	0.056	ng/ul	
15) Fluoranthene	19.12	202	7040m	0.084	ng/ul	
17) Pyrene	19.49	202	4682m	0.064	ng/ul	
18) Benzo(a)anthracene	21.25	228	1943m	0.031	ng/ul	
19) Chrysene	21.30	228	2894m	0.050	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	4458m	0.088	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1941m	0.039	ng/ul	
23) Benzo(a)pyrene	23.39	252	1847	0.039	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.73	276	1924	0.038	ng/ul#	43
26) Benzo(g,h,i)perylene	26.41	276	1752	0.041	ng/ul#	55

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

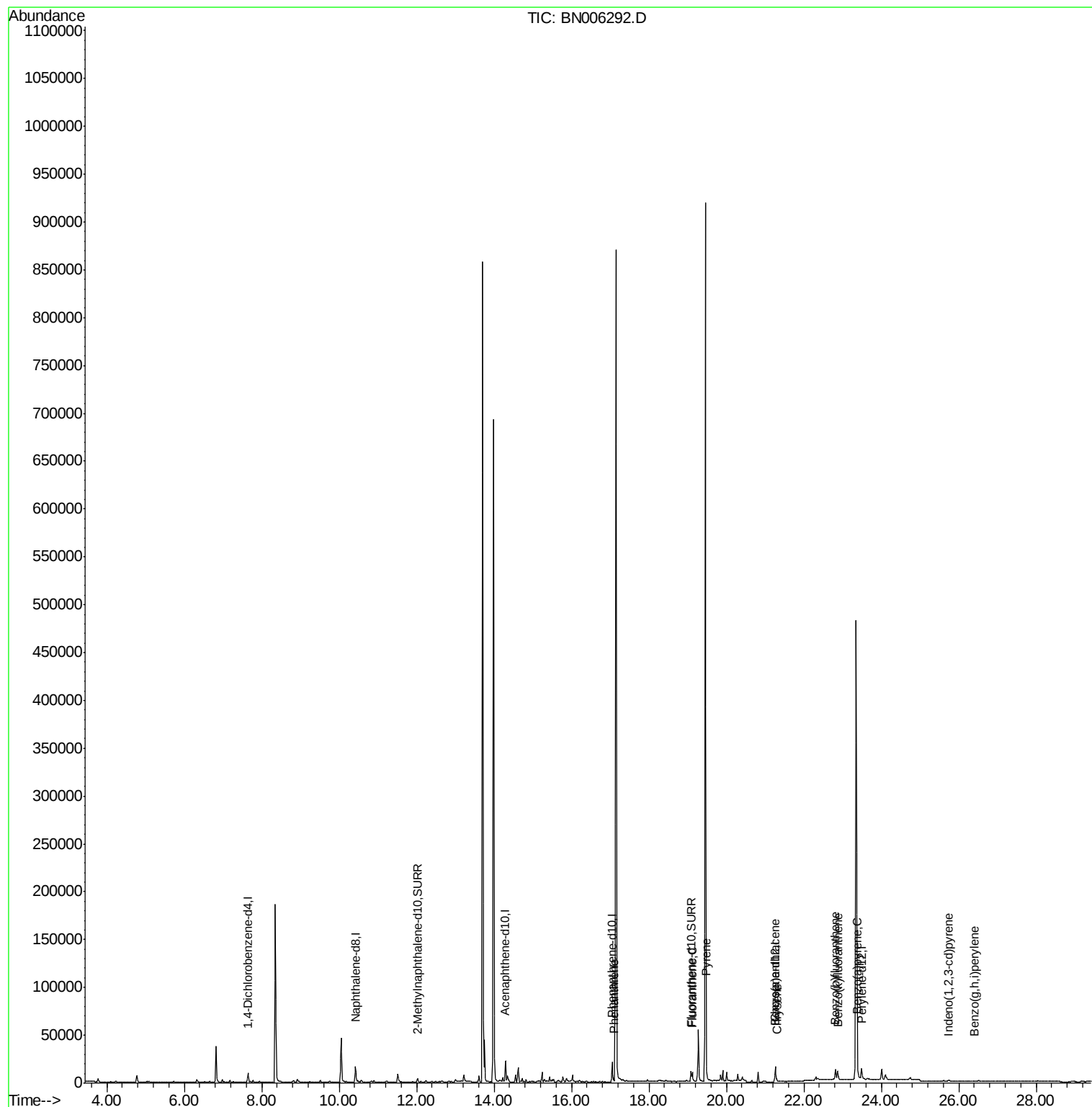
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006292.D
Acq On : 12 Jun 2019 21:55
Operator : JU/SJ
Sample : K3231-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

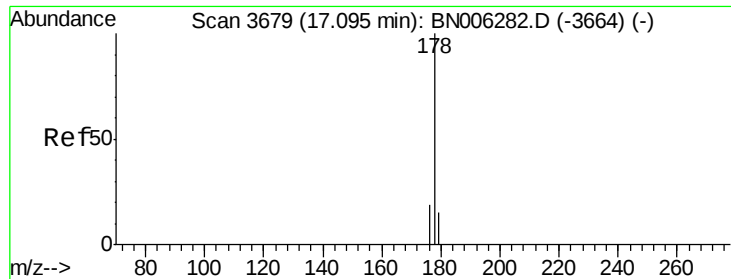
Instrument :
BNA_N
ClientSampleId :
DB8M0

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QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.056 ng/ul m

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006292.D

Acq: 12 Jun 2019 21:55

Instrument :

BNA_N

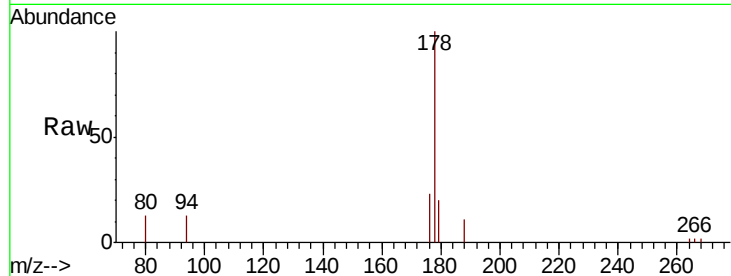
ClientSampleId :

DB8M0

Tot Ion:	178	Resp:	4222
Ion	Ratio	Lower	Upper
178	100		
179	20.3	12.3	18.5#
176	23.2	15.3	22.9#

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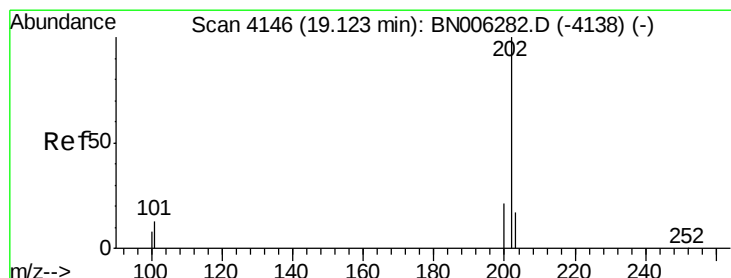
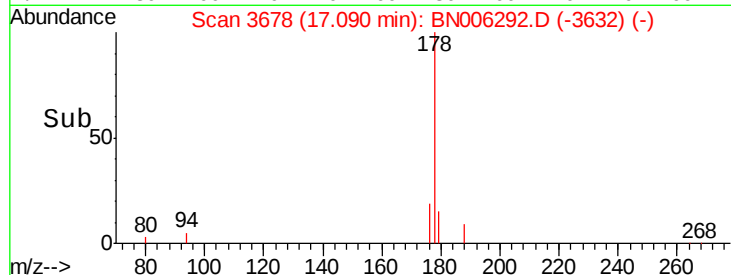
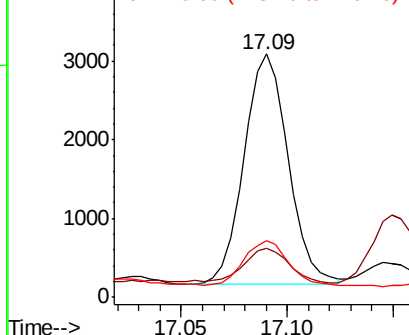


Abundance

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: 0.084 ng/ul m

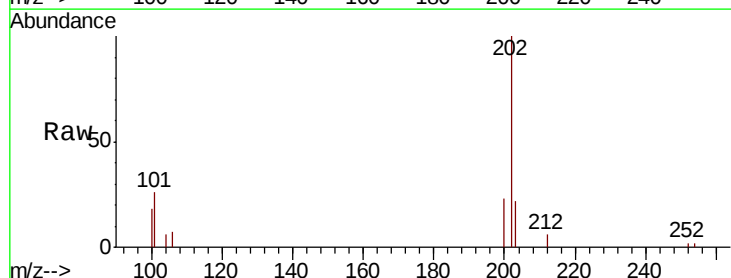
RT: 19.12 min Scan# 4145

Delta R.T. -0.01 min

Lab File: BN006292.D

Acq: 12 Jun 2019 21:55

Tgt Ion:	202	Resp:	7040
Ion	Ratio	Lower	Upper
202	100		
101	26.0	0.0	32.1
100	17.7	0.0	28.7

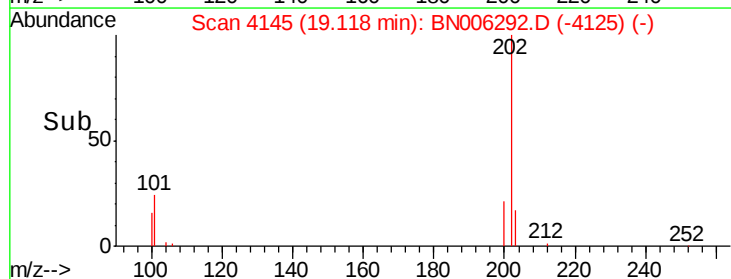
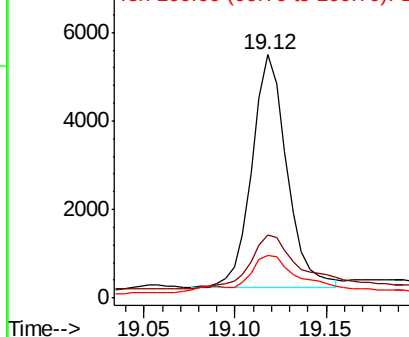


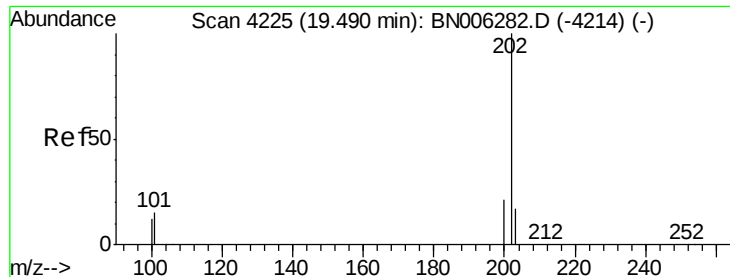
Abundance

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





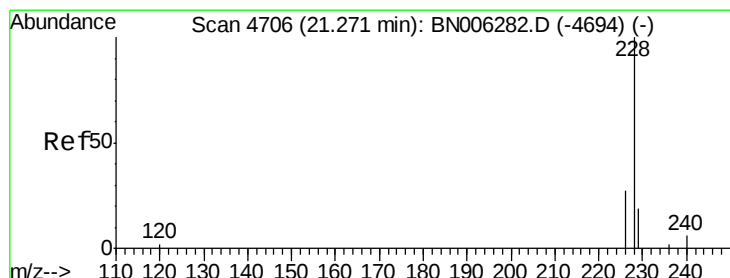
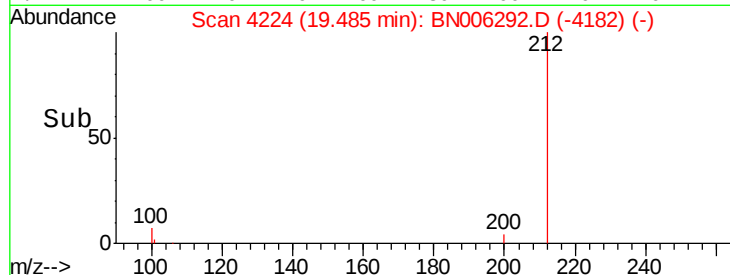
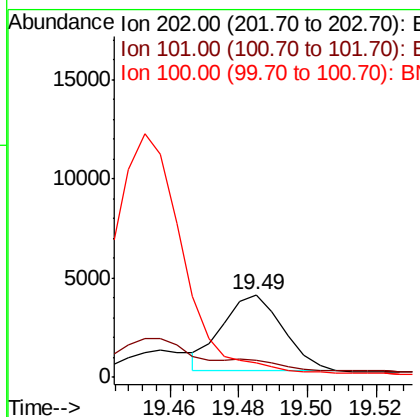
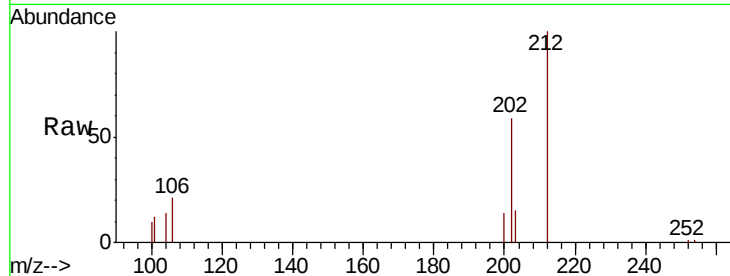
#17
Pvrene
Concen: 0.064 ng/ul m
RT: 19.49 min Scan# 4224
Delta R.T. -0.01 min
Lab File: BN006292.D
Acq: 12 Jun 2019 21:55

Instrument :
BNA_N
ClientSampleId :
DB8M0

Tot Ion	Ratio	Lower	Upper
202	100		
101	20.9	12.2	18.2#
100	16.8	9.8	14.6#

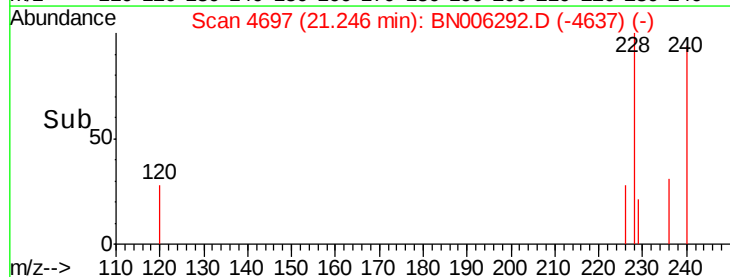
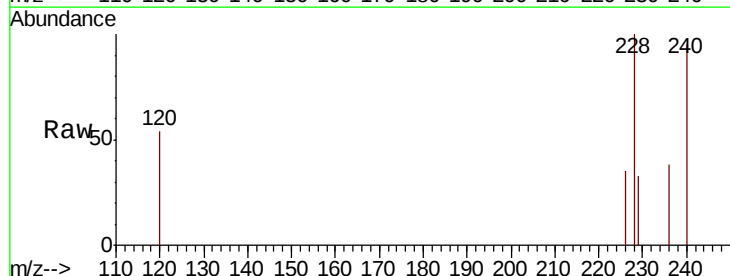
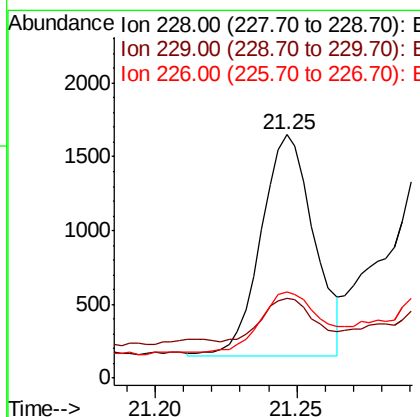
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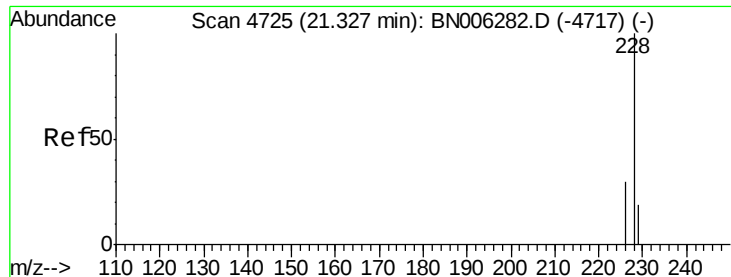
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#18
Benzo(a)anthracene
Concen: 0.031 ng/ul m
RT: 21.25 min Scan# 4697
Delta R.T. -0.02 min
Lab File: BN006292.D
Acq: 12 Jun 2019 21:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	32.9	16.5	24.7#
226	35.3	22.8	34.2#





#19

Chrysene

Concen: 0.050 ng/ul m

RT: 21.30 min Scan# 4715

Delta R.T. -0.03 min

Lab File: BN006292.D

Acq: 12 Jun 2019 21:55

Instrument :

BNA_N

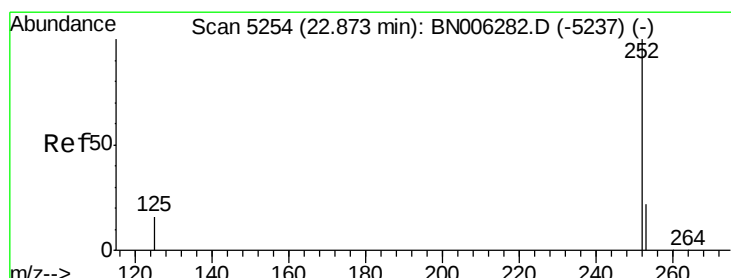
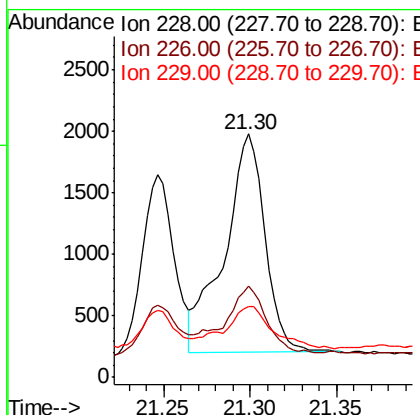
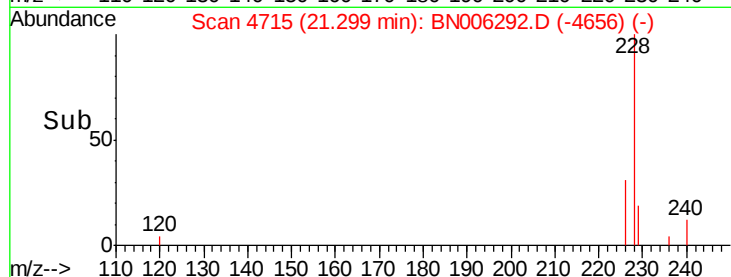
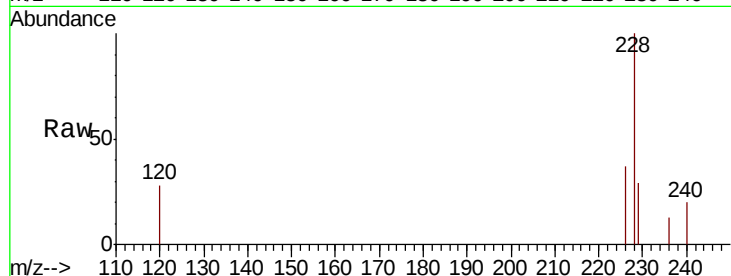
ClientSampleId :

DB8M0

Tot Ion:228	Resp:	2894
Ion Ratio	Lower	Upper
228 100		
226 37.4	25.0	37.6
229 29.0	16.3	24.5#

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#21

Benzo(b)fluoranthene

Concen: 0.088 ng/ul m

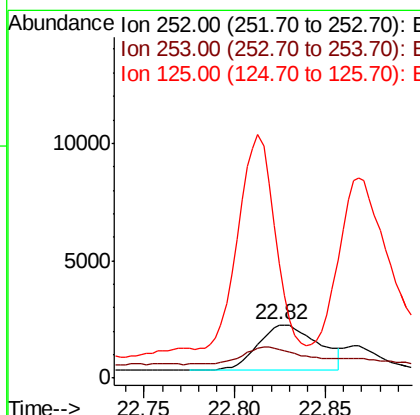
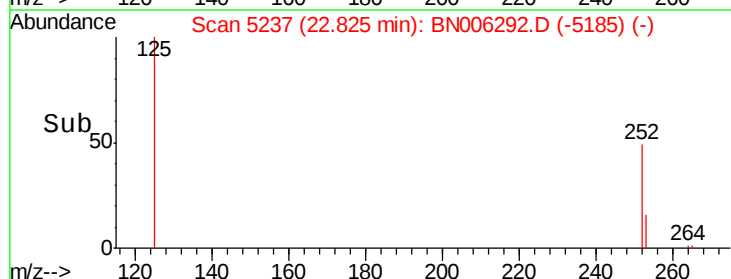
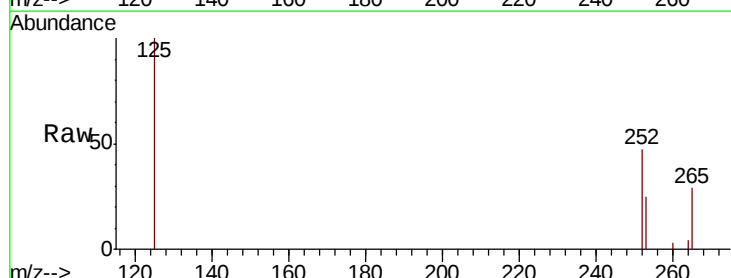
RT: 22.82 min Scan# 5237

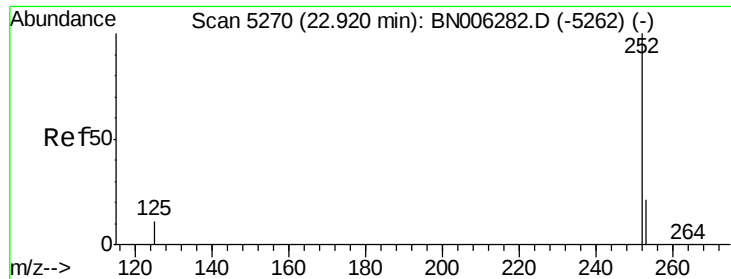
Delta R.T. -0.05 min

Lab File: BN006292.D

Acq: 12 Jun 2019 21:55

Tgt Ion:252	Resp:	4458
Ion Ratio	Lower	Upper
252 100		
253 54.1	0.0	51.4#
125 214.0	0.0	41.0#





#22

Benzo(k)fluoranthene

Concen: 0.039 ng/u1 m

RT: 22.87 min Scan# 5251

Delta R.T. -0.05 min

Lab File: BN006292.D

Acq: 12 Jun 2019 21:55

Instrument :

BNA_N

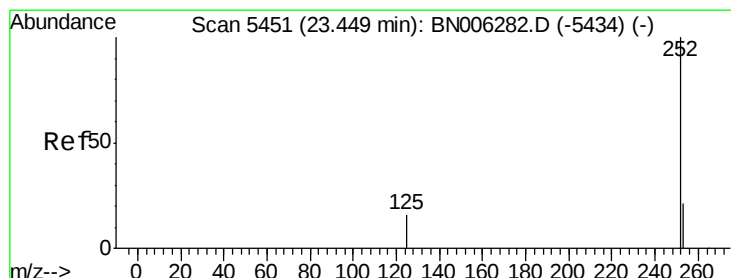
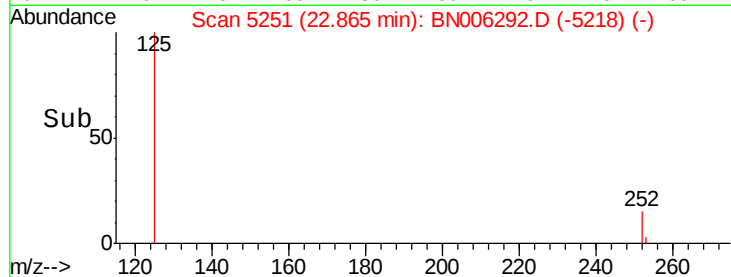
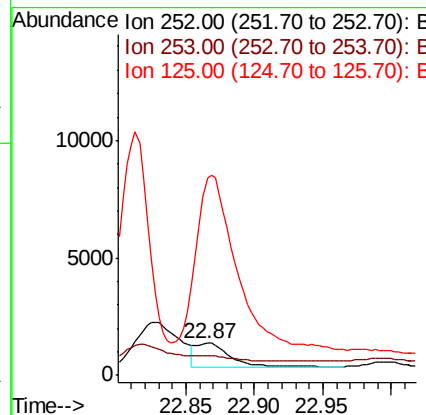
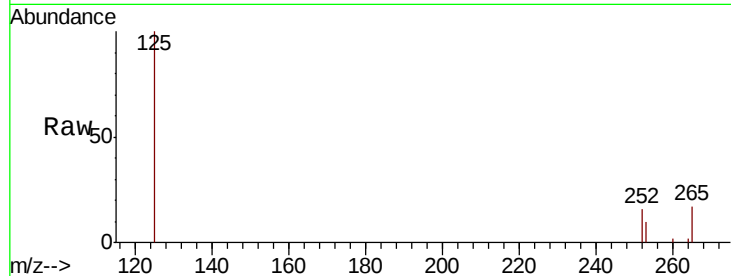
ClientSampleId :

DB8M0

Tot Ion:	252	Resp:	1941
Ion Ratio	Lower	Upper	
252	100		
253	61.0	20.3	30.5#
125	614.5	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 0.039 ng/u1

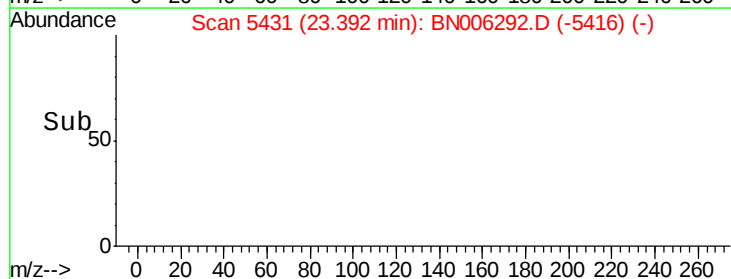
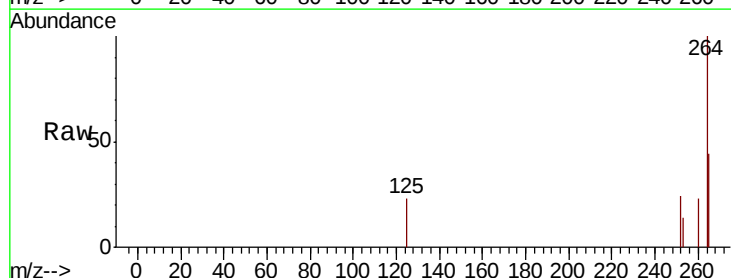
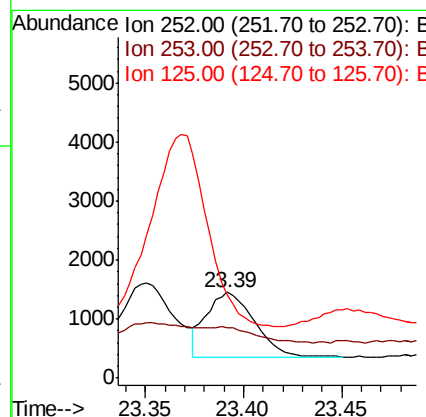
RT: 23.39 min Scan# 5431

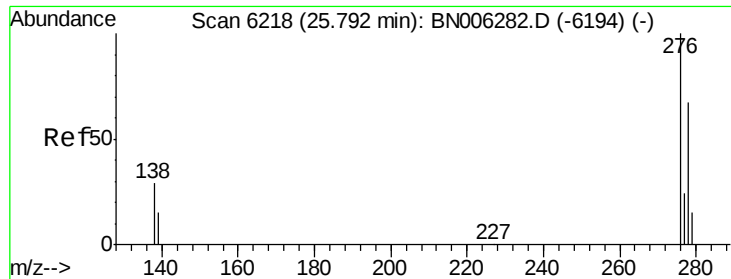
Delta R.T. -0.06 min

Lab File: BN006292.D

Acq: 12 Jun 2019 21:55

Tgt Ion:	252	Resp:	1847
Ion Ratio	Lower	Upper	
252	100		
253	59.3	21.1	31.7#
125	97.0	20.3	30.5#





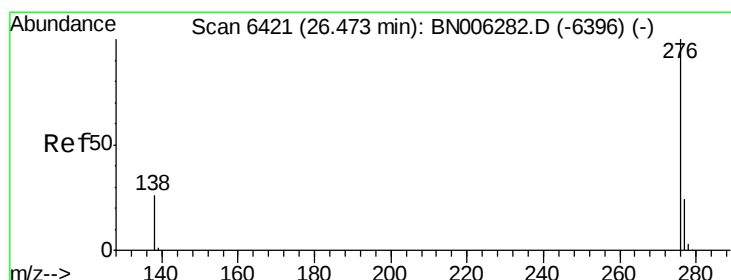
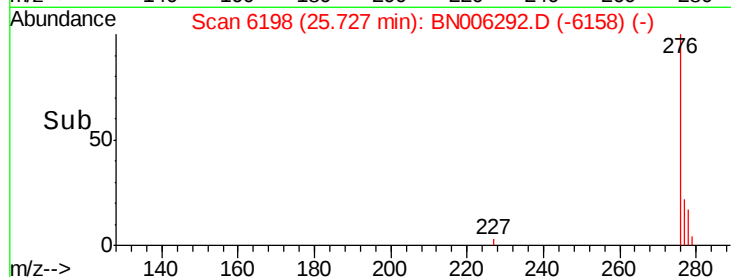
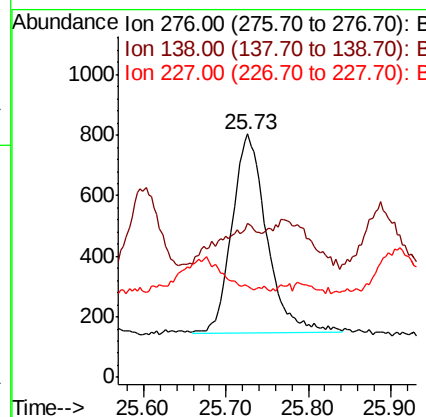
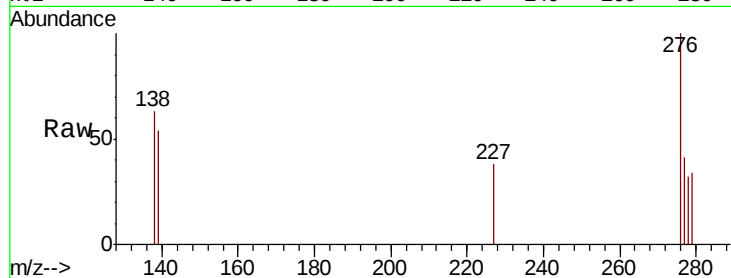
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/u1
RT: 25.73 min Scan# 6198
Delta R.T. -0.07 min
Lab File: BN006292.D
Acq: 12 Jun 2019 21:55

Instrument :
BNA_N
ClientSampleId :
DB8M0

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	25.6	38.4#
227	0.0	0.3	0.5#

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#26
Benzo(g,h,i)perylene
Concen: 0.041 ng/u1
RT: 26.41 min Scan# 6402
Delta R.T. -0.06 min
Lab File: BN006292.D
Acq: 12 Jun 2019 21:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	62.0	24.2	36.4#
277	42.2	21.5	32.3#

