

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006297.D
 Acq On : 13 Jun 2019 00:48
 Operator : JU/SJ
 Sample : K3231-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M5

Manual Integrations
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mohammad
 6/14/2019 8:34:34 AM

Quant Time: Jun 13 04:00:08 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	6150	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	24375	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12642	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	25437m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	16181m	0.40	ng/ul	-0.03
20) Perylene-d12	23.49	264	15166m	0.40	ng/ul	-0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5297	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	10494m	0.15	ng/ul	0.00
Target Compounds				Ovalue		
11) Pentachlorophenol	16.72	266	437m	0.068	ng/ul	
12) Phenanthrene	17.09	178	2953m	0.036	ng/ul	
15) Fluoranthene	19.12	202	11568m	0.128	ng/ul	
17) Pyrene	19.49	202	10731	0.126	ng/ul	95
18) Benzo(a)anthracene	21.24	228	6209m	0.087	ng/ul	
19) Chrysene	21.30	228	7210m	0.107	ng/ul	
21) Benzo(b)fluoranthene	22.83	252	12281m	0.194	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	4269m	0.069	ng/ul	
23) Benzo(a)pyrene	23.39	252	5274	0.090	ng/ul#	61
24) Indeno(1,2,3-cd)pyrene	25.73	276	4611	0.072	ng/ul#	94
26) Benzo(g,h,i)perylene	26.41	276	4267	0.080	ng/ul#	76

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

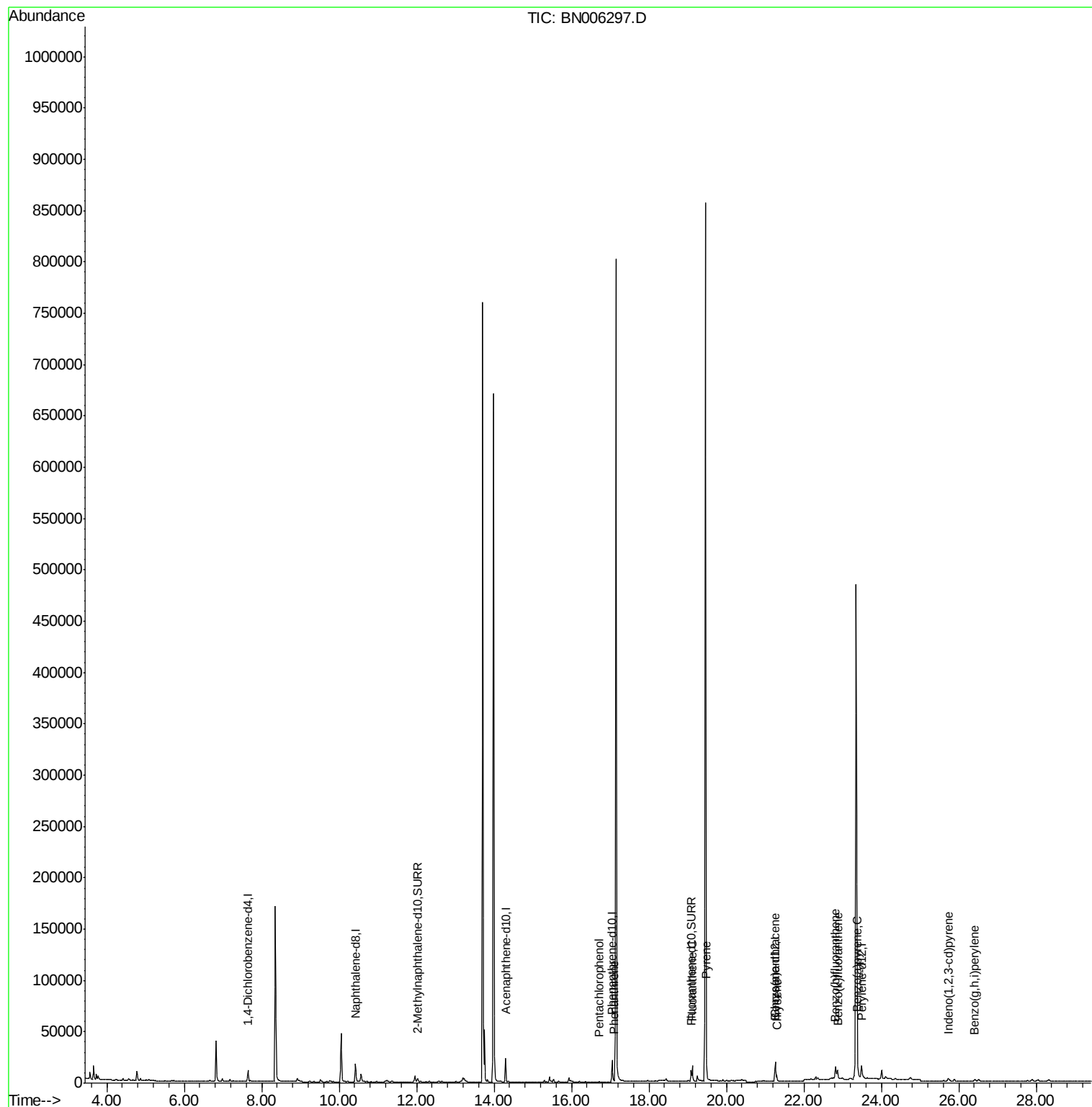
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006297.D
Acq On : 13 Jun 2019 00:48
Operator : JU/SJ
Sample : K3231-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

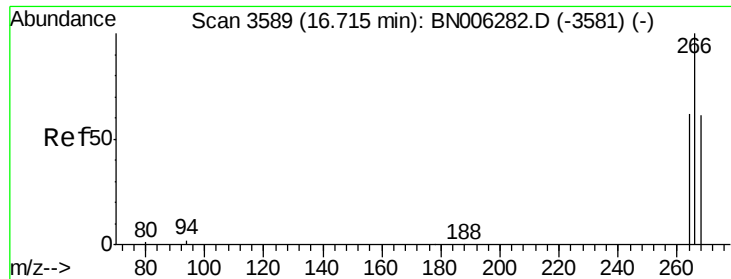
Instrument :
BNA_N
ClientSampleId :
DB8M5

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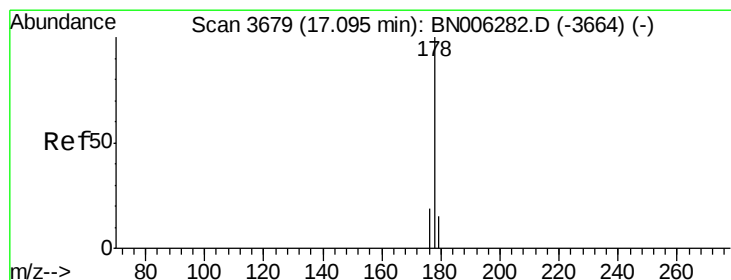
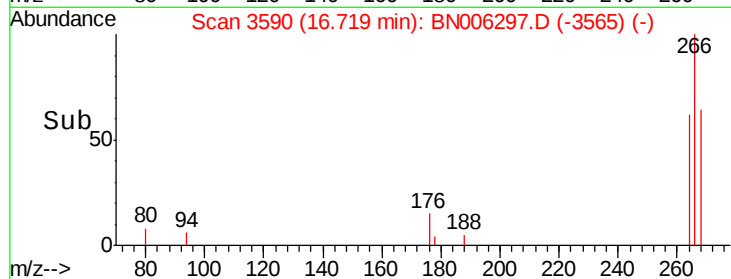
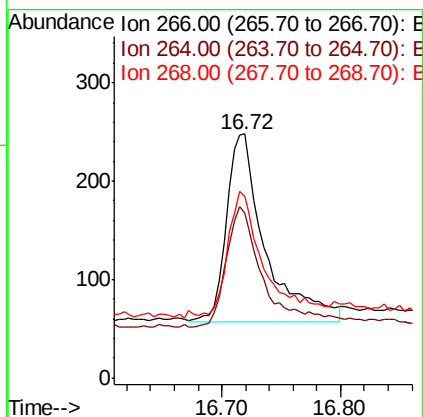
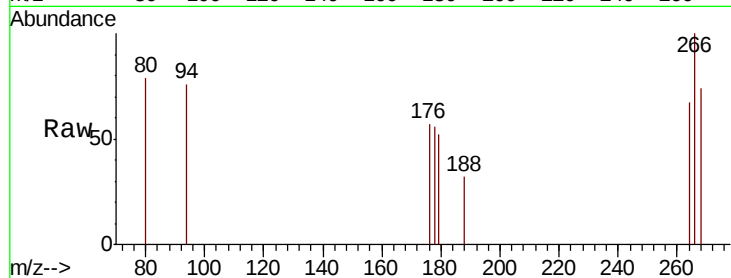
#11
 Pentachlorophenol
 Concen: 0.068 ng/ul m
 RT: 16.72 min Scan# 3590
 Delta R.T. 0.00 min
 Lab File: BN006297.D
 Acq: 13 Jun 2019 00:48

Instrument :
 BNA_N
 ClientSampleId :
 DB8M5

Tot Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.3	75.5#
268	0.0	51.3	76.9#

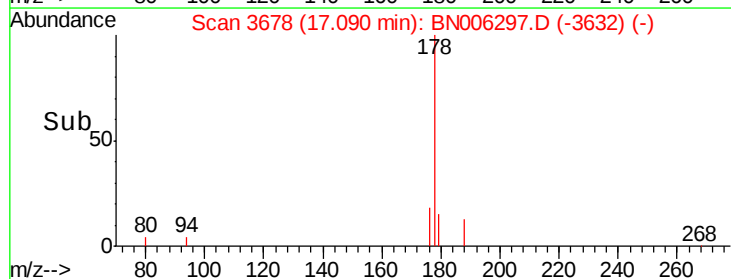
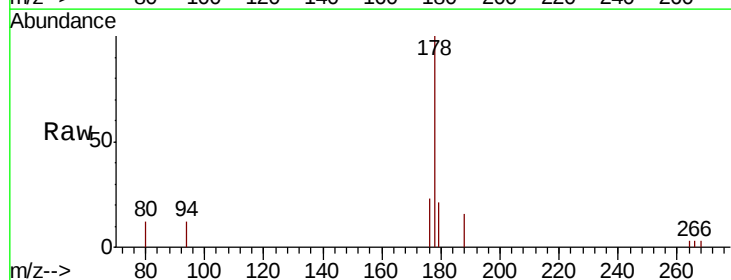
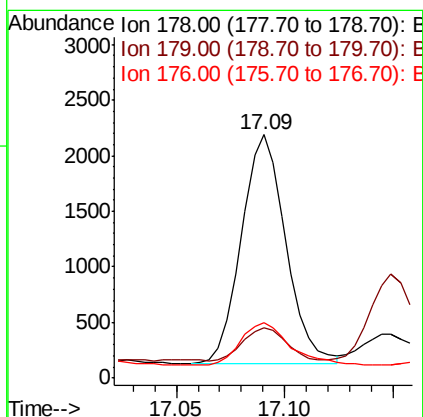
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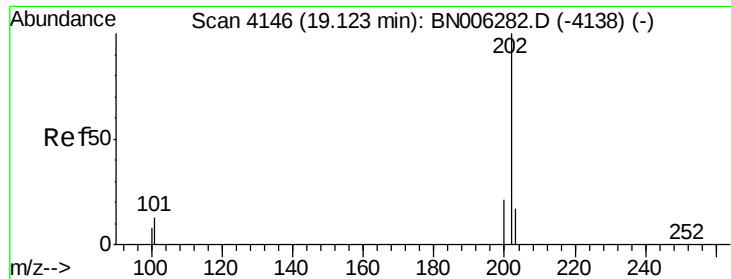
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#12
 Phenanthrene
 Concen: 0.036 ng/ul m
 RT: 17.09 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN006297.D
 Acq: 13 Jun 2019 00:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.9	12.3	18.5#
176	23.0	15.3	22.9#





#15

Fluoranthene

Concen: 0.128 ng/ul m

RT: 19.12 min Scan# 4145

Delta R.T. -0.01 min

Lab File: BN006297.D

Acq: 13 Jun 2019 00:48

Instrument :

BNA_N

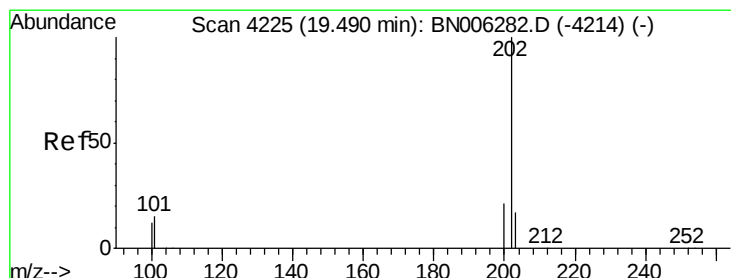
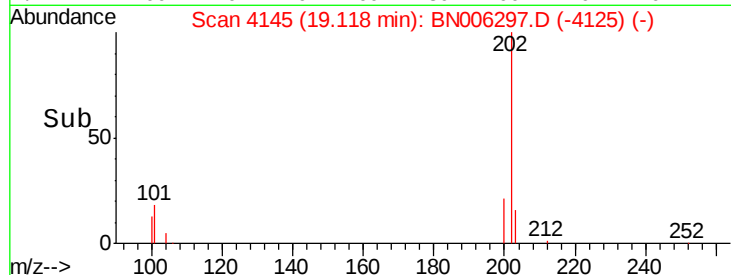
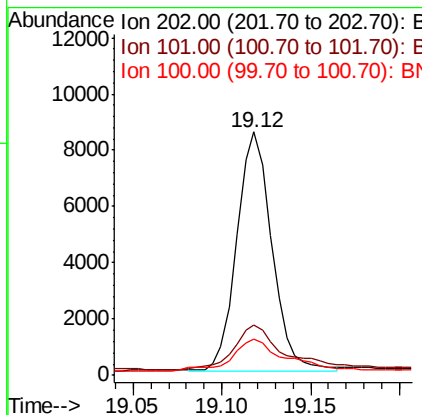
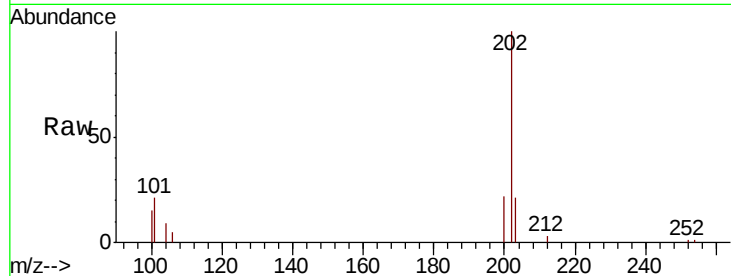
ClientSampleId :

DB8M5

Tot Ion:	202	Resp:	11568
Ion Ratio	Lower	Upper	
202	100		
101	20.6	0.0	32.1
100	14.7	0.0	28.7

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#17

Pyrene

Concen: 0.126 ng/ul

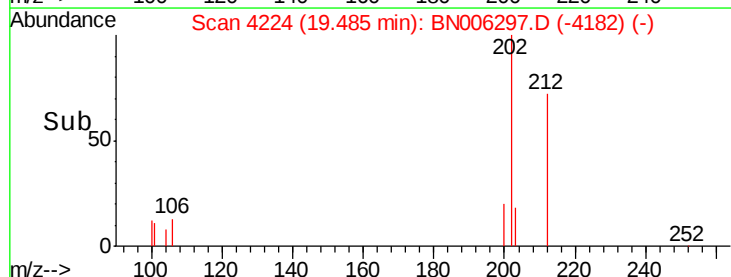
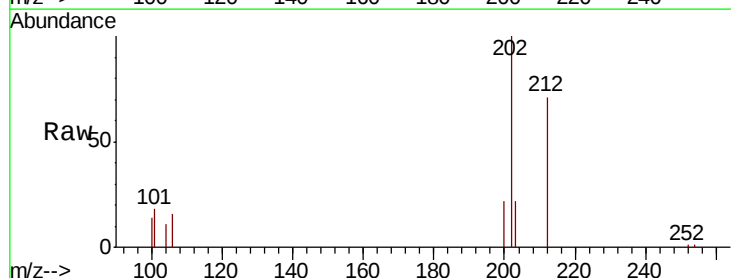
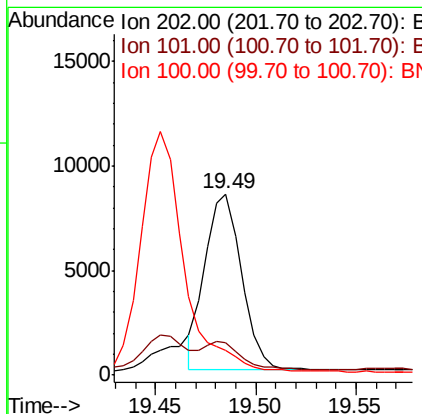
RT: 19.49 min Scan# 4224

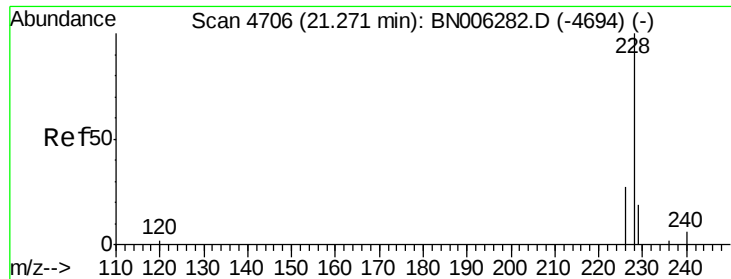
Delta R.T. -0.01 min

Lab File: BN006297.D

Acq: 13 Jun 2019 00:48

Tgt Ion:	202	Resp:	10731
Ion Ratio	Lower	Upper	
202	100		
101	17.6	12.2	18.2
100	13.7	9.8	14.6





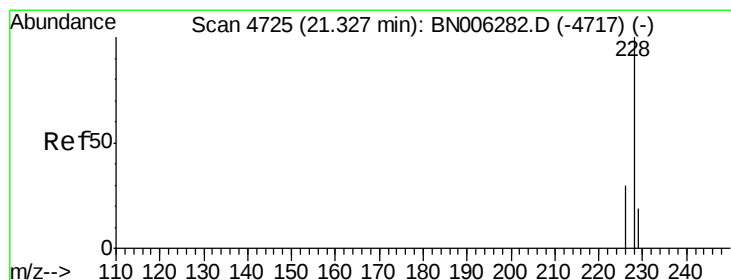
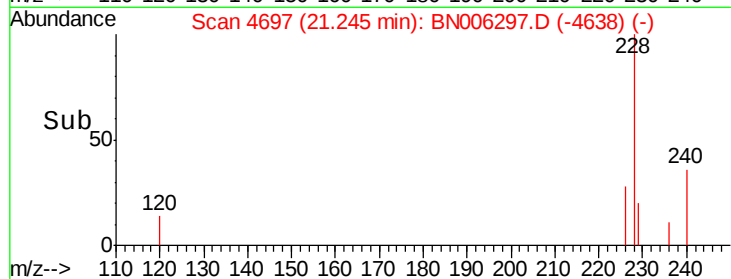
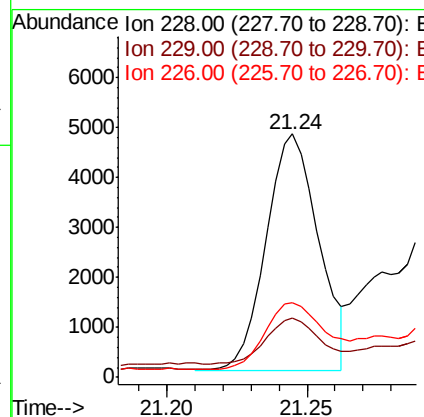
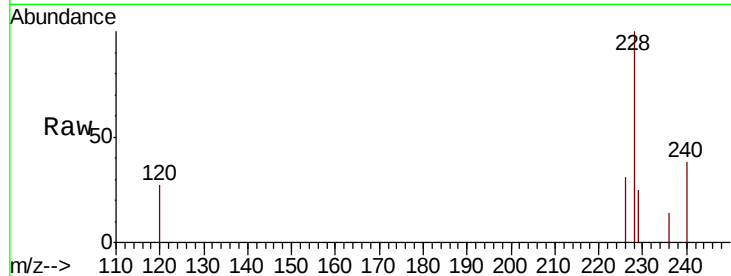
#18
Benzo(a)anthracene
Concen: 0.087 ng/ul m
RT: 21.24 min Scan# 4697
Delta R.T. -0.03 min
Lab File: BN006297.D
Acq: 13 Jun 2019 00:48

Instrument :
BNA_N
ClientSampleId :
DB8M5

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.6	16.5	24.7
226	30.9	22.8	34.2

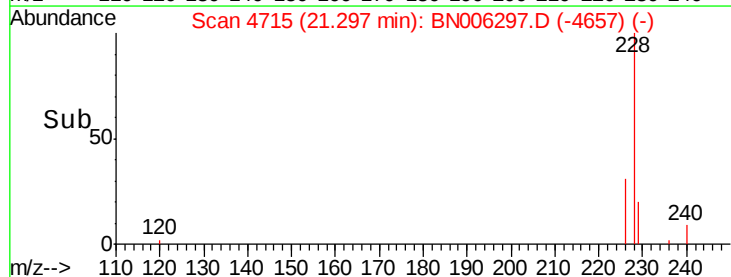
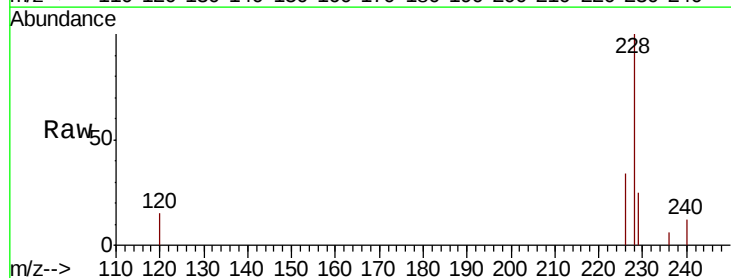
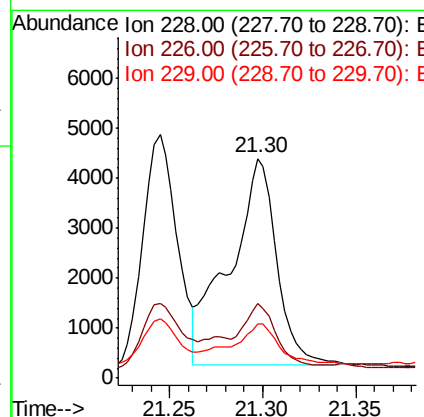
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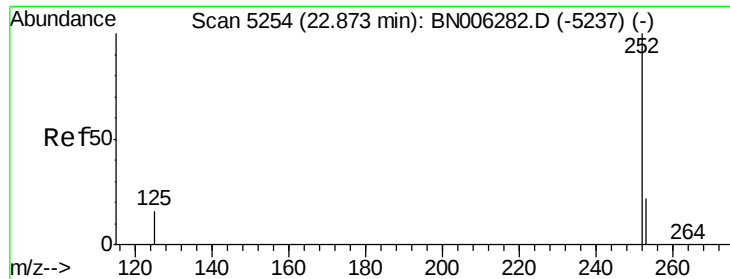
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#19
Chrysene
Concen: 0.107 ng/ul m
RT: 21.30 min Scan# 4715
Delta R.T. -0.03 min
Lab File: BN006297.D
Acq: 13 Jun 2019 00:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	25.0	37.6
229	24.9	16.3	24.5#





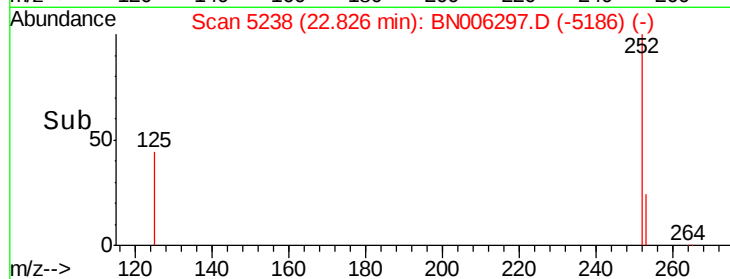
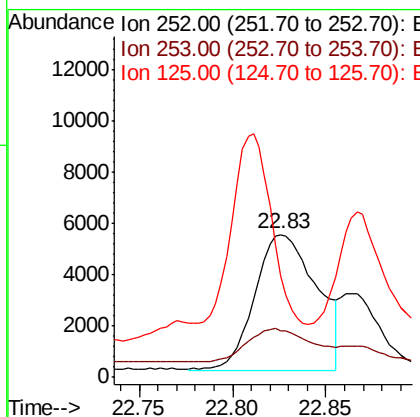
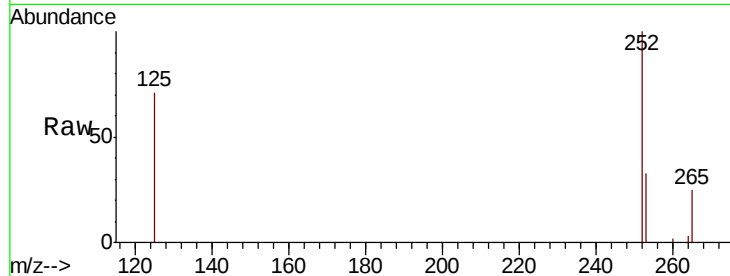
#21
Benzo(b)fluoranthene
Concen: 0.194 ng/ul m
RT: 22.83 min Scan# 5238
Delta R.T. -0.05 min
Lab File: BN006297.D
Acq: 13 Jun 2019 00:48

Instrument :
BNA_N
ClientSampleId :
DB8M5

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.7	0.0	51.4
125	71.1	0.0	41.0

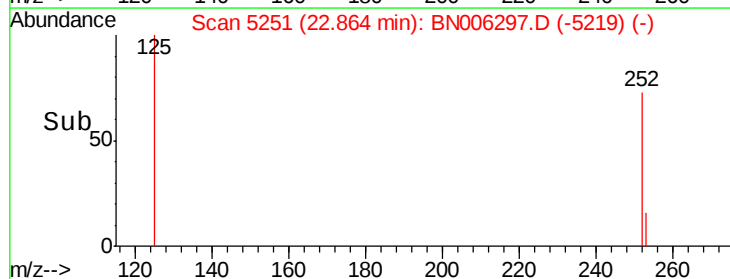
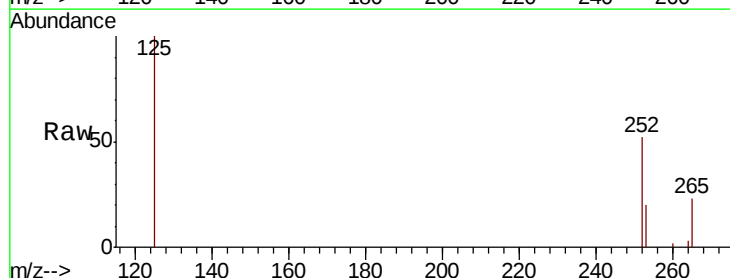
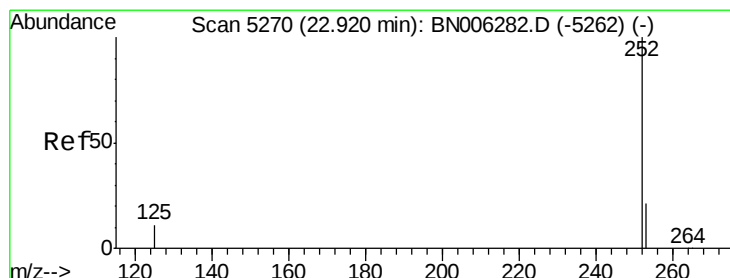
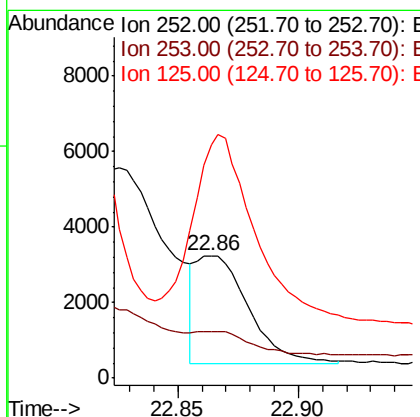
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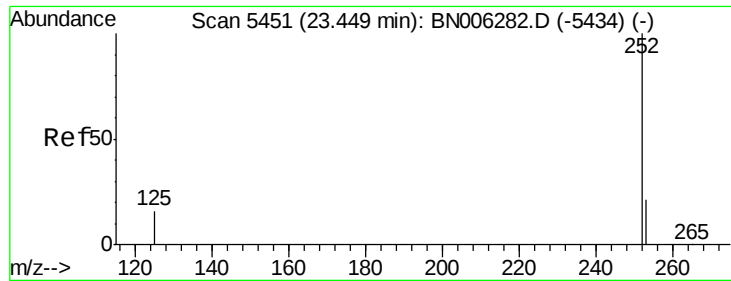
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#22
Benzo(k)fluoranthene
Concen: 0.069 ng/ul m
RT: 22.86 min Scan# 5251
Delta R.T. -0.06 min
Lab File: BN006297.D
Acq: 13 Jun 2019 00:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.2	20.3	30.5
125	191.3	14.3	21.5





#23

Benzo(a)pyrene

Concen: 0.090 ng/ul

RT: 23.39 min Scan# 5432

Delta R.T. -0.06 min

Lab File: BN006297.D

Acq: 13 Jun 2019 00:48

Instrument :

BNA_N

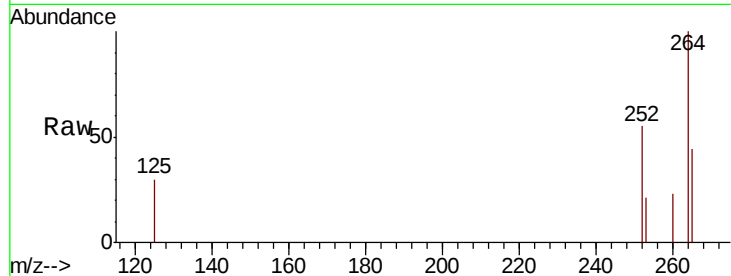
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DB8M5

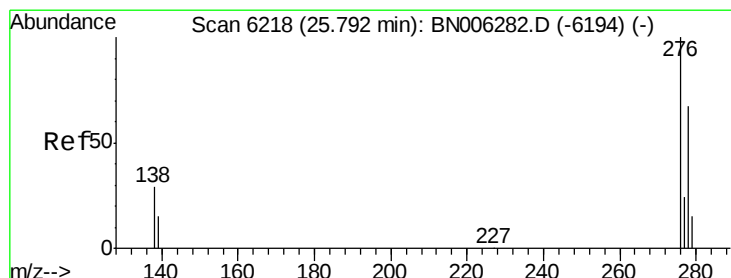
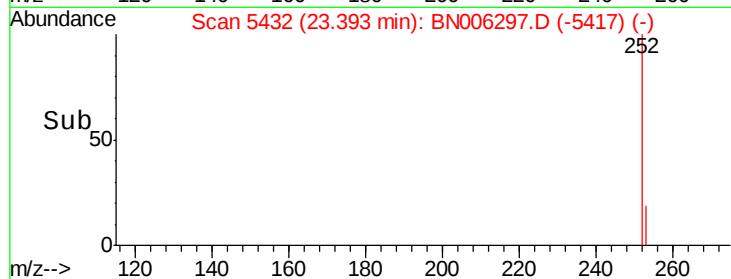
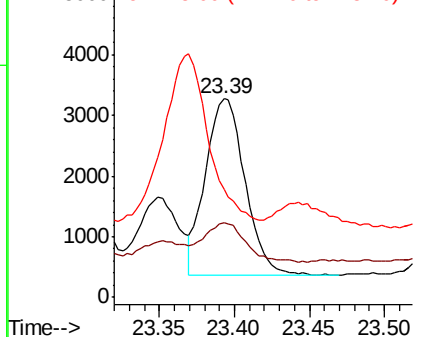
Tot Ion:	252	Resp:	5274
Ion Ratio	Lower	Upper	
252	100		
253	37.6	21.1	31.7#
125	54.4	20.3	30.5#

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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: 0.072 ng/ul

RT: 25.73 min Scan# 6199

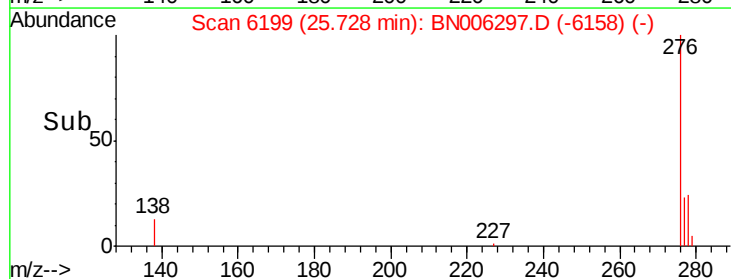
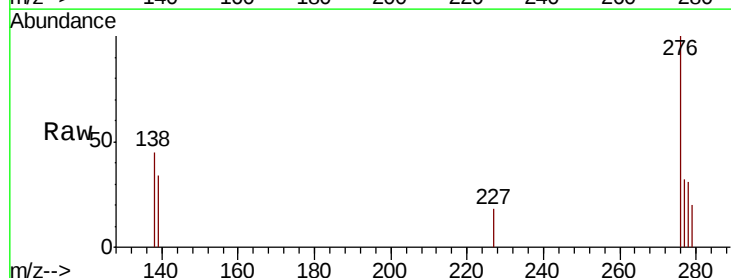
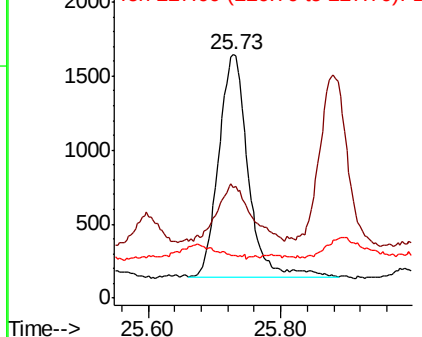
Delta R.T. -0.06 min

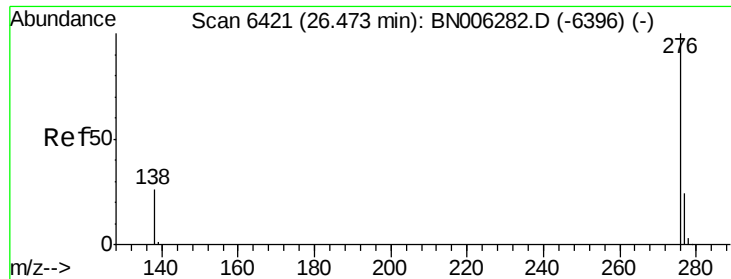
Lab File: BN006297.D

Acq: 13 Jun 2019 00:48

Tgt Ion:	276	Resp:	4611
Ion Ratio	Lower	Upper	
276	100		
138	28.8	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





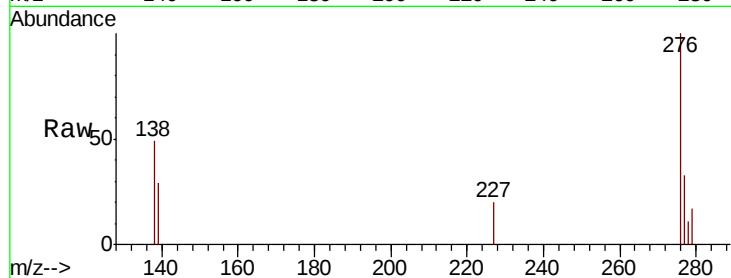
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Benzo(a,h,i)perylene
Concen: 0.080 ng/ul
RT: 26.41 min Scan# 6403
Delta R.T. -0.06 min
Lab File: BN006297.D
Acq: 13 Jun 2019 00:48

Instrument :
BNA_N
ClientSampleId :
DB8M5

Tot Ion	Ratio	Lower	Upper
276	100		
138	48.9	24.2	36.4#
277	33.3	21.5	32.3#

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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

