

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006542.D
 Acq On : 24 Jun 2019 21:39
 Operator : HP/JU
 Sample : K3362-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Z9

Manual Integrations
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mohammad
 6/25/2019 10:20:31 PM

Quant Time: Jun 25 03:36:46 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4877	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	18665	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9657	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	18115m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9667m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	8517m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	10704	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	17806m	0.37	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.08	178	3024	0.052	ng/ul	93
15) Fluoranthene	19.11	202	7245m	0.113	ng/ul	
17) Pyrene	19.48	202	5452	0.107	ng/ul#	95
18) Benzo(a)anthracene	21.25	228	1995m	0.047	ng/ul	
19) Chrysene	21.30	228	2852m	0.071	ng/ul	
21) Benzo(b)fluoranthene	22.83	252	3845m	0.108	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1524m	0.044	ng/ul	
23) Benzo(a)pyrene	23.40	252	2218	0.067	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.74	276	1830	0.051	ng/ul	89
26) Benzo(g,h,i)perylene	26.42	276	1573	0.052	ng/ul#	80

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

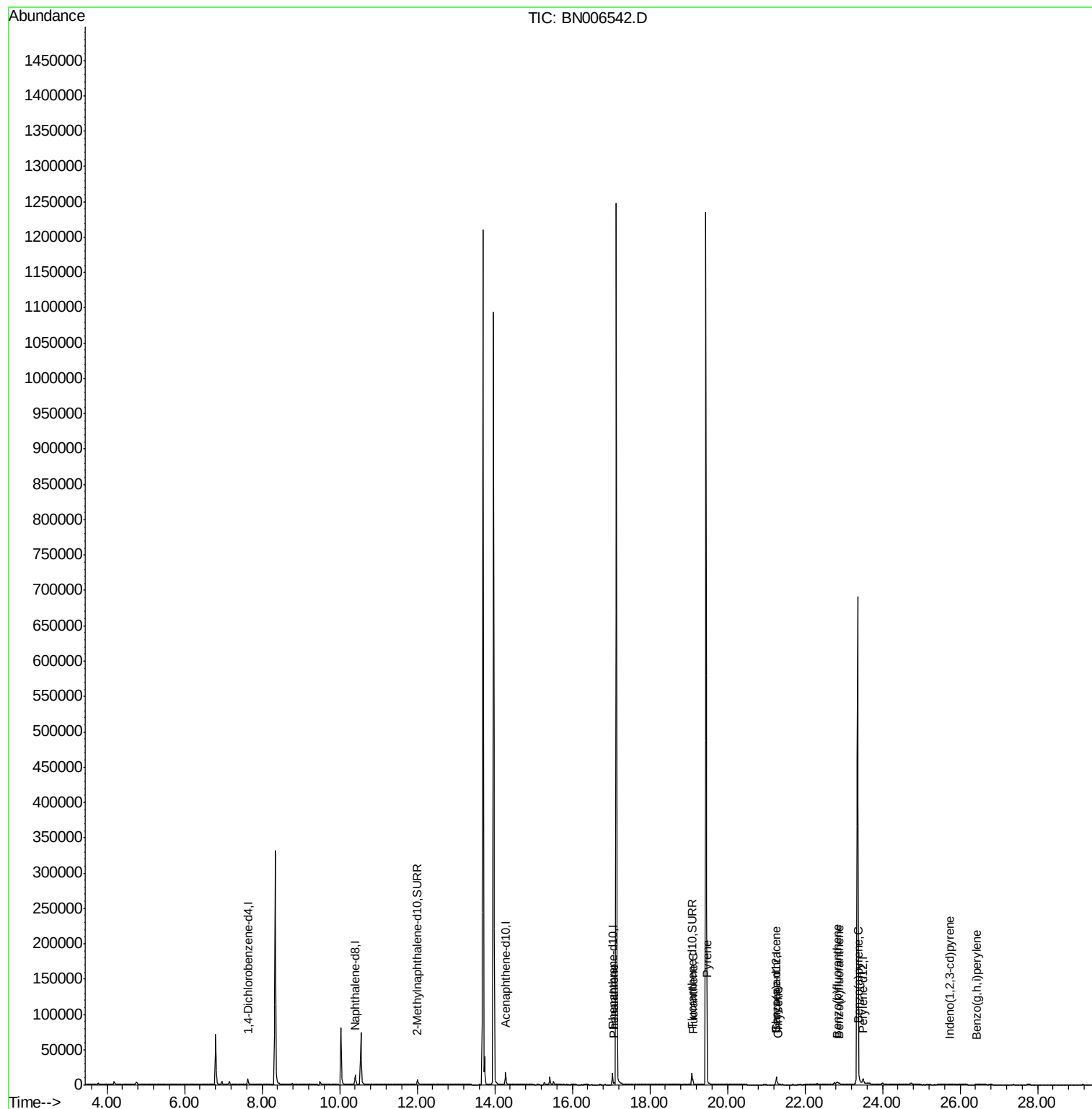
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

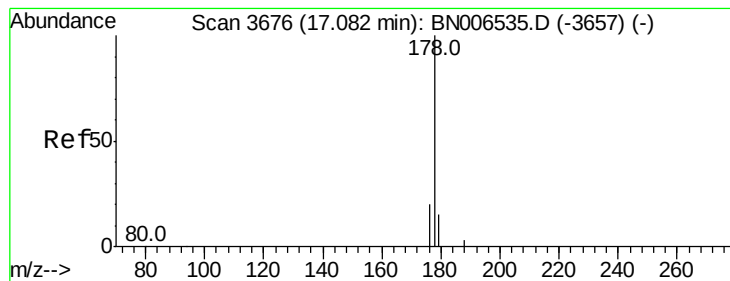
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#12

Phenanthrene

Concen: 0.052 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BN006542.D

Acq: 24 Jun 2019 21:39

Instrument :

BNA_N

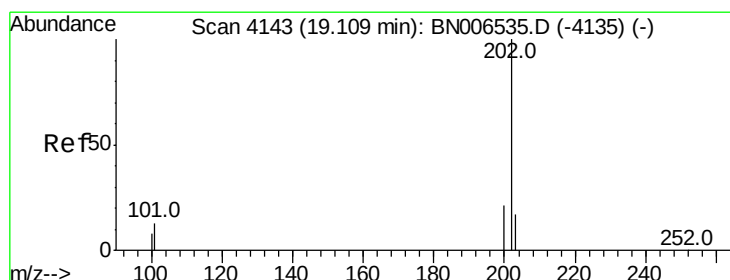
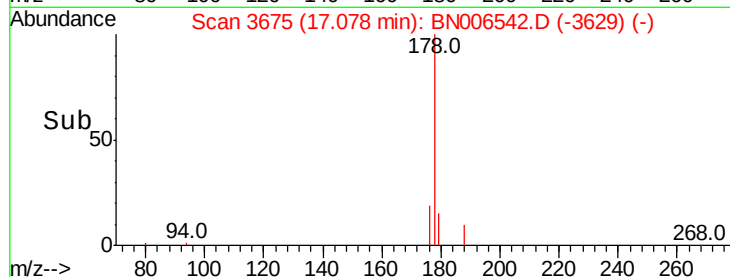
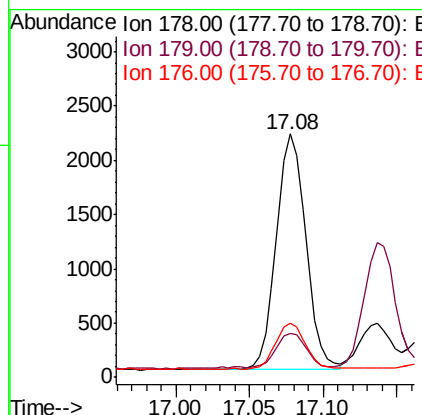
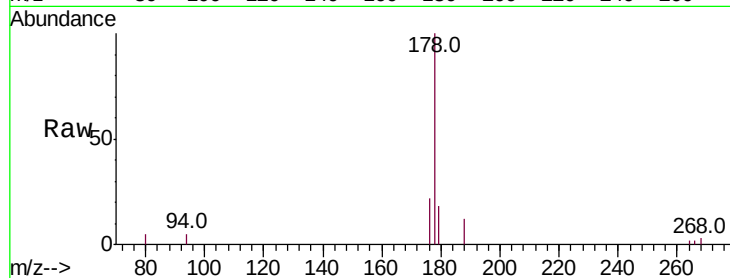
ClientSampleId :

A41Z9

Tot Ion:	178	Resp:	3024
Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.3	18.5
176	22.3	15.3	22.9

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#15

Fluoranthene

Concen: 0.113 ng/ul m

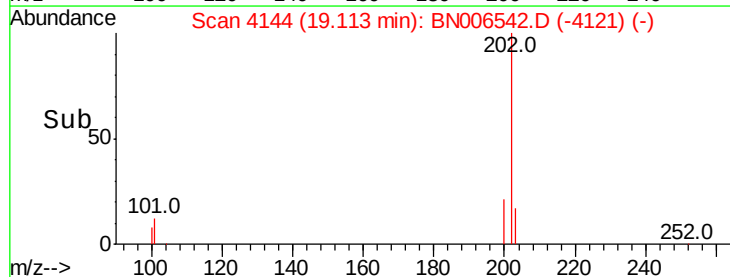
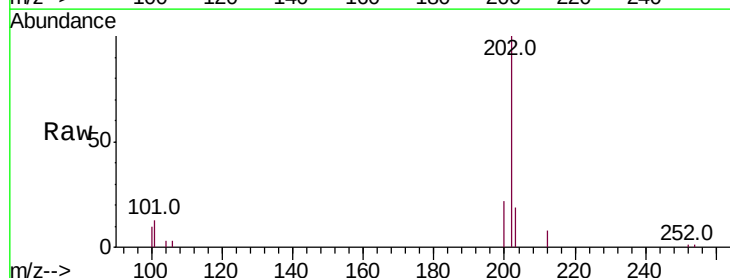
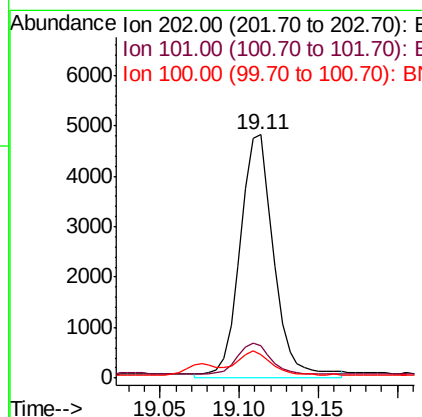
RT: 19.11 min Scan# 4144

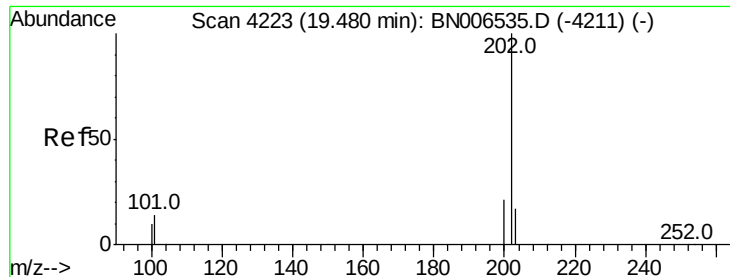
Delta R.T. 0.00 min

Lab File: BN006542.D

Acq: 24 Jun 2019 21:39

Tgt Ion:	202	Resp:	7245
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	32.1
100	9.8	0.0	28.7





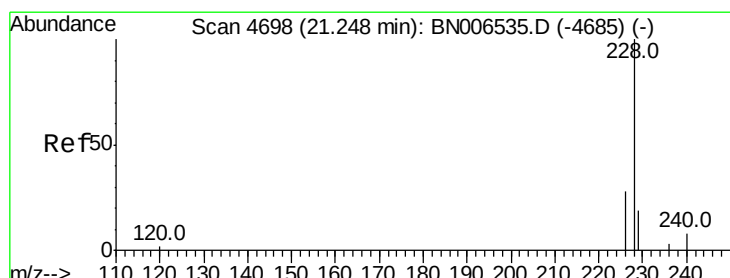
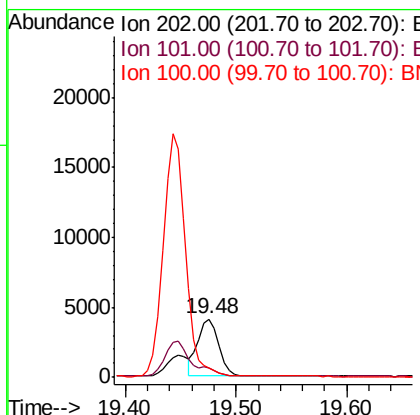
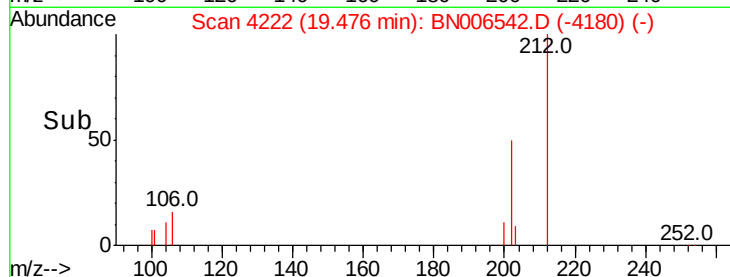
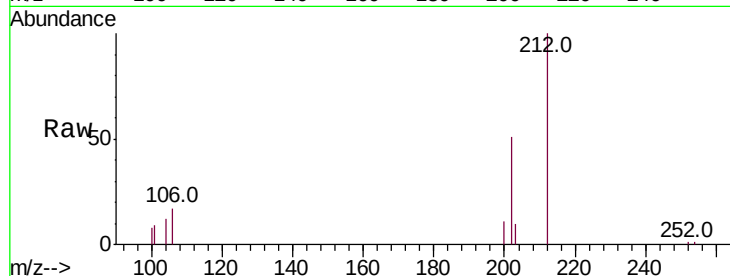
#17
Pvrene
Concen: 0.107 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BN006542.D
Acq: 24 Jun 2019 21:39

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100	5452		
101	16.7	12.2	18.2	
100	15.1	9.8	14.6	

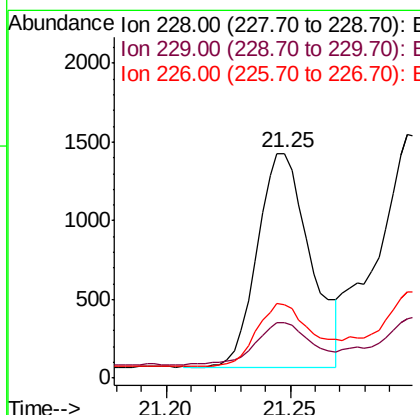
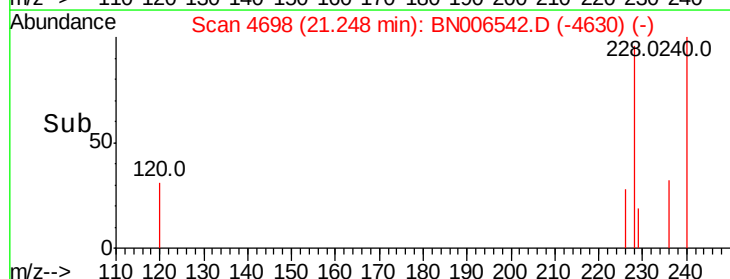
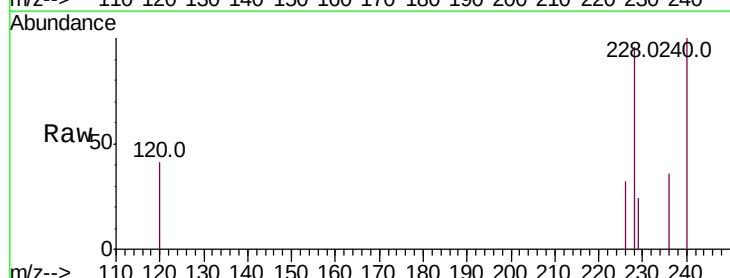
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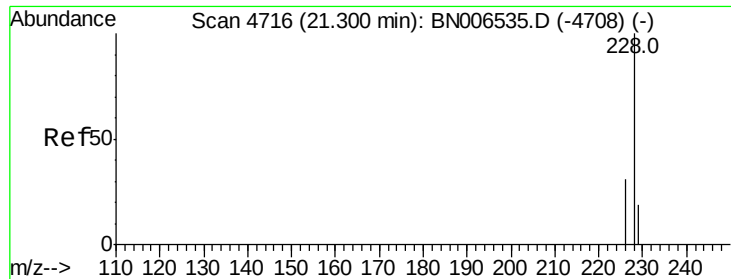
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#18
Benzo(a)anthracene
Concen: 0.047 ng/ul m
RT: 21.25 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN006542.D
Acq: 24 Jun 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1995		
229	24.9	16.5	24.7	
226	32.9	22.8	34.2	





#19

Chrysene

Concen: 0.071 ng/ul m

RT: 21.30 min Scan# 4715

Delta R.T. -0.00 min

Lab File: BN006542.D

Acq: 24 Jun 2019 21:39

Instrument :

BNA_N

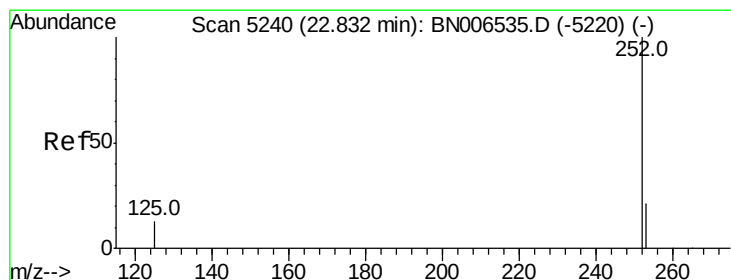
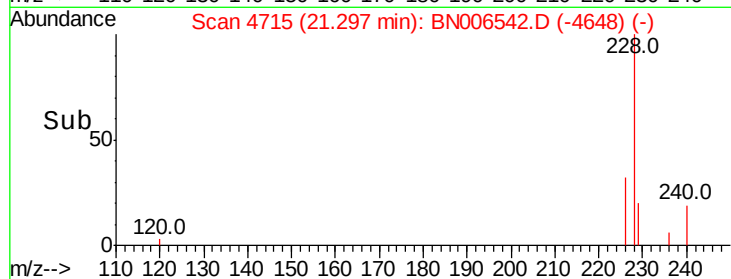
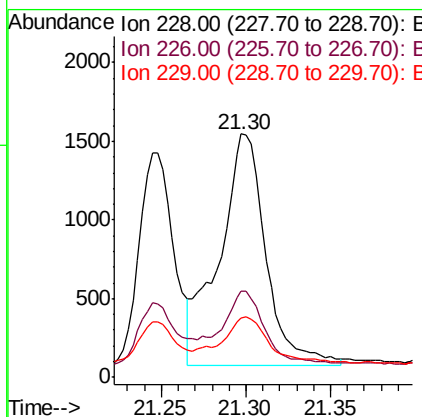
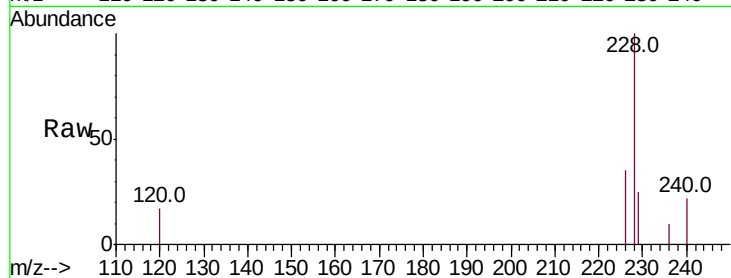
ClientSampleId :

A41Z9

Tot Ion:	228	Resp:	2852
Ion Ratio	Lower	Upper	
228	100		
226	35.2	25.0	37.6
229	24.6	16.3	24.5#

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#21

Benzo(b)fluoranthene

Concen: 0.108 ng/ul m

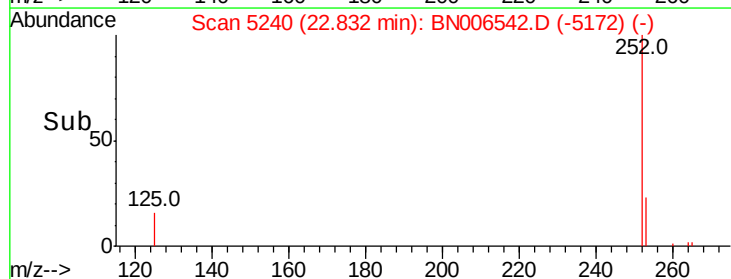
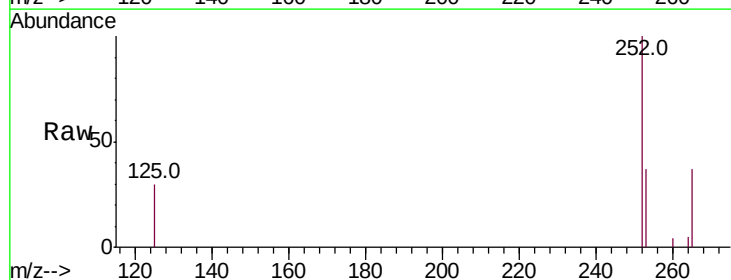
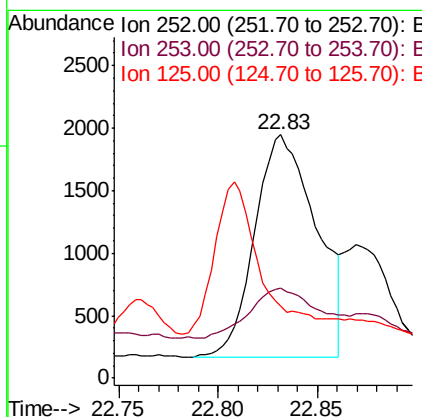
RT: 22.83 min Scan# 5240

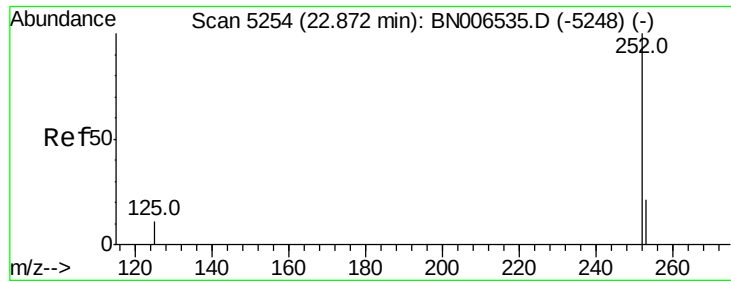
Delta R.T. -0.00 min

Lab File: BN006542.D

Acq: 24 Jun 2019 21:39

Tgt Ion:	252	Resp:	3845
Ion Ratio	Lower	Upper	
252	100		
253	37.2	0.0	51.4
125	29.5	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.044 ng/ul m

RT: 22.87 min Scan# 5253

Delta R.T. -0.00 min

Lab File: BN006542.D

Acq: 24 Jun 2019 21:39

Instrument :

BNA_N

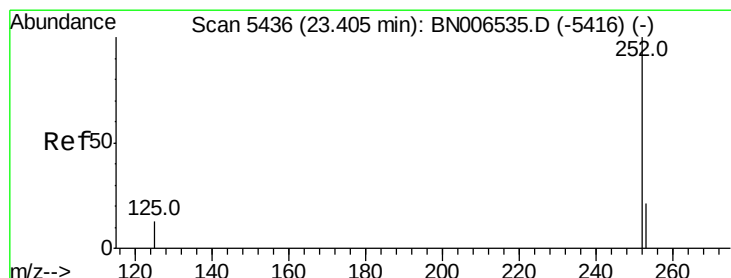
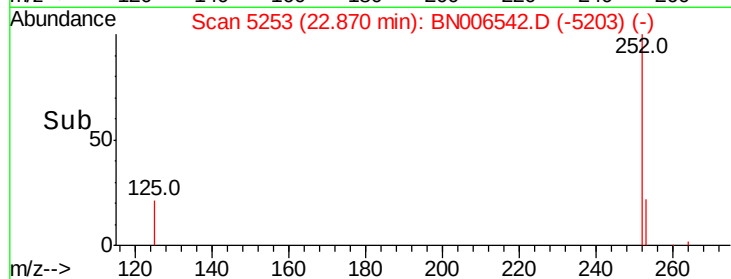
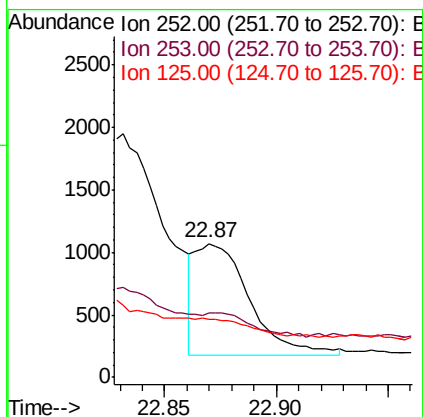
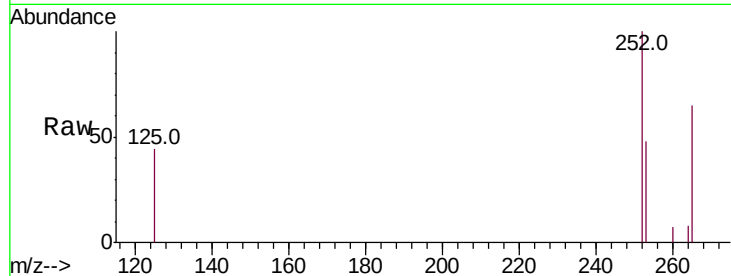
ClientSampleId :

A41Z9

Tot Ion:	252	Resp:	1524
Ion Ratio	Lower	Upper	
252	100		
253	48.5	20.3	30.5#
125	43.5	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 0.067 ng/ul

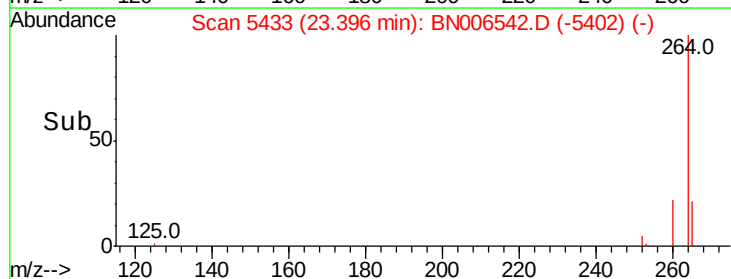
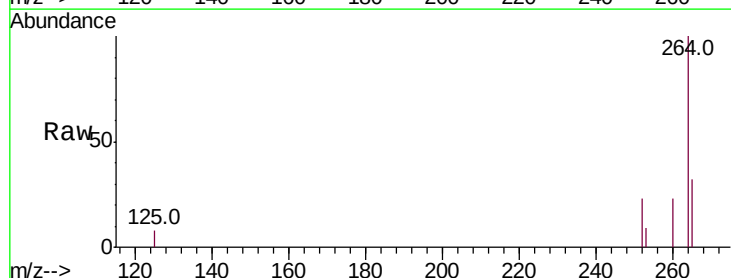
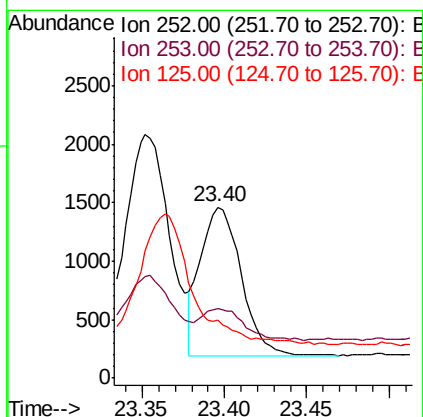
RT: 23.40 min Scan# 5433

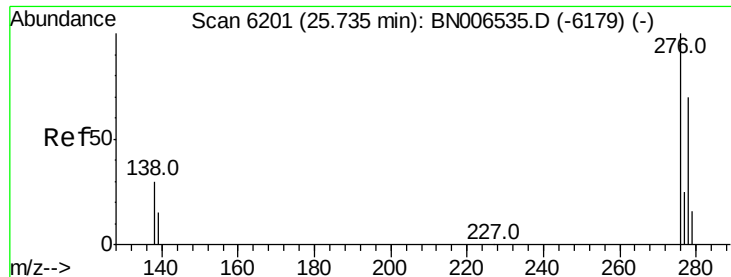
Delta R.T. -0.01 min

Lab File: BN006542.D

Acq: 24 Jun 2019 21:39

Tgt Ion:	252	Resp:	2218
Ion Ratio	Lower	Upper	
252	100		
253	40.6	21.1	31.7#
125	34.1	20.3	30.5#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.051 ng/ul

RT: 25.74 min Scan# 6202

Delta R.T. 0.00 min

Lab File: BN006542.D

Acq: 24 Jun 2019 21:39

Instrument :

BNA_N

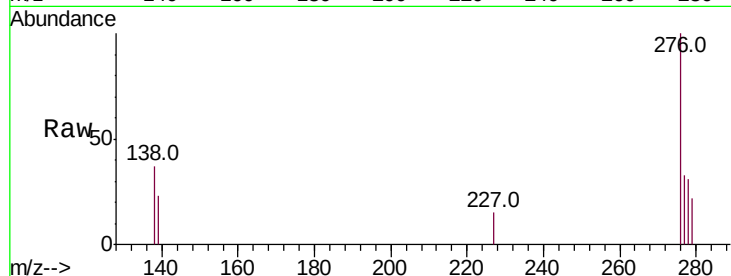
ClientSampleId :

A41Z9

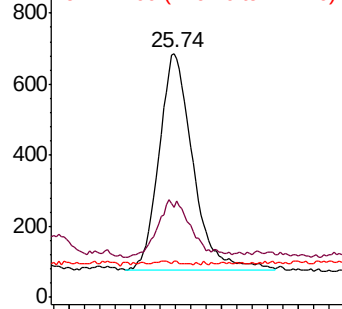
Tot Ion:	276	Resp:	1830
Ion Ratio	Lower	Upper	
276	100		
138	25.8	25.6	38.4
227	0.4	0.3	0.5

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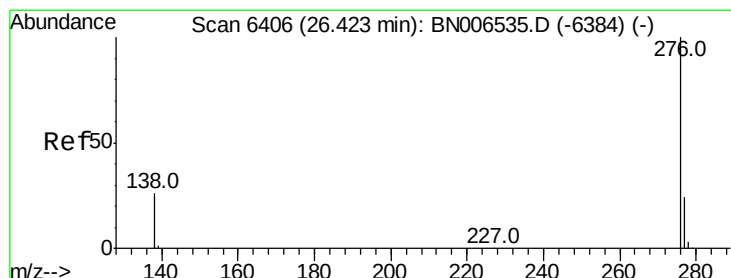
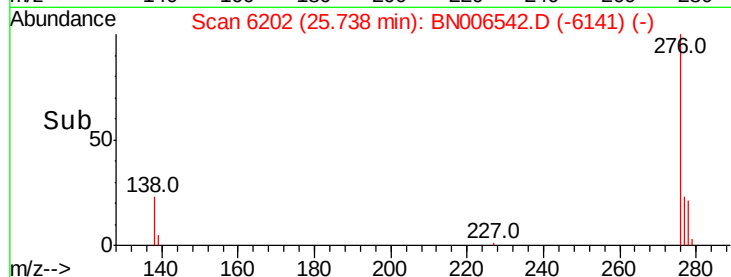
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



Time--> 25.60 25.70 25.80 25.90



#26

Benzo(g,h,i)perylene

Concen: 0.052 ng/ul

RT: 26.42 min Scan# 6405

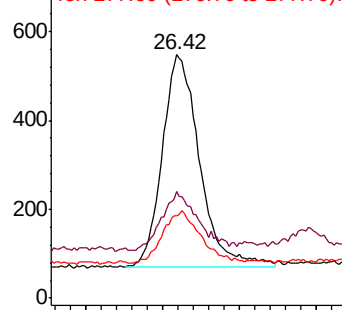
Delta R.T. -0.00 min

Lab File: BN006542.D

Acq: 24 Jun 2019 21:39

Tgt Ion:	276	Resp:	1573
Ion Ratio	Lower	Upper	
276	100		
138	44.0	24.2	36.4#
277	33.8	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--> 26.30 26.40 26.50 26.60

