

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006545.D
 Acq On : 24 Jun 2019 23:22
 Operator : HP/JU
 Sample : K3362-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41X5

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Quant Time: Jun 25 03:54:01 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	7.63	152	4215	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	16055	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8916	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	18899m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	12624m	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	9223m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	8147	0.33	ng/ul	-0.01
14) Fluoranthene-d10	19.08	212	19918m	0.39	ng/ul	-0.01
Target Compounds				Ovalue		
12) Phenanthrene	17.08	178	1776m	0.029	ng/ul	
15) Fluoranthene	19.11	202	4674m	0.070	ng/ul	
17) Pyrene	19.47	202	4012	0.060	ng/ul#	91
18) Benzo(a)anthracene	21.24	228	1424	0.026	ng/ul#	88
19) Chrysene	21.29	228	1669	0.032	ng/ul#	89
21) Benzo(b)fluoranthene	22.82	252	2089m	0.054	ng/ul	
23) Benzo(a)pyrene	23.38	252	1104m	0.031	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	860m	0.022	ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	748m	0.023	ng/ul	

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

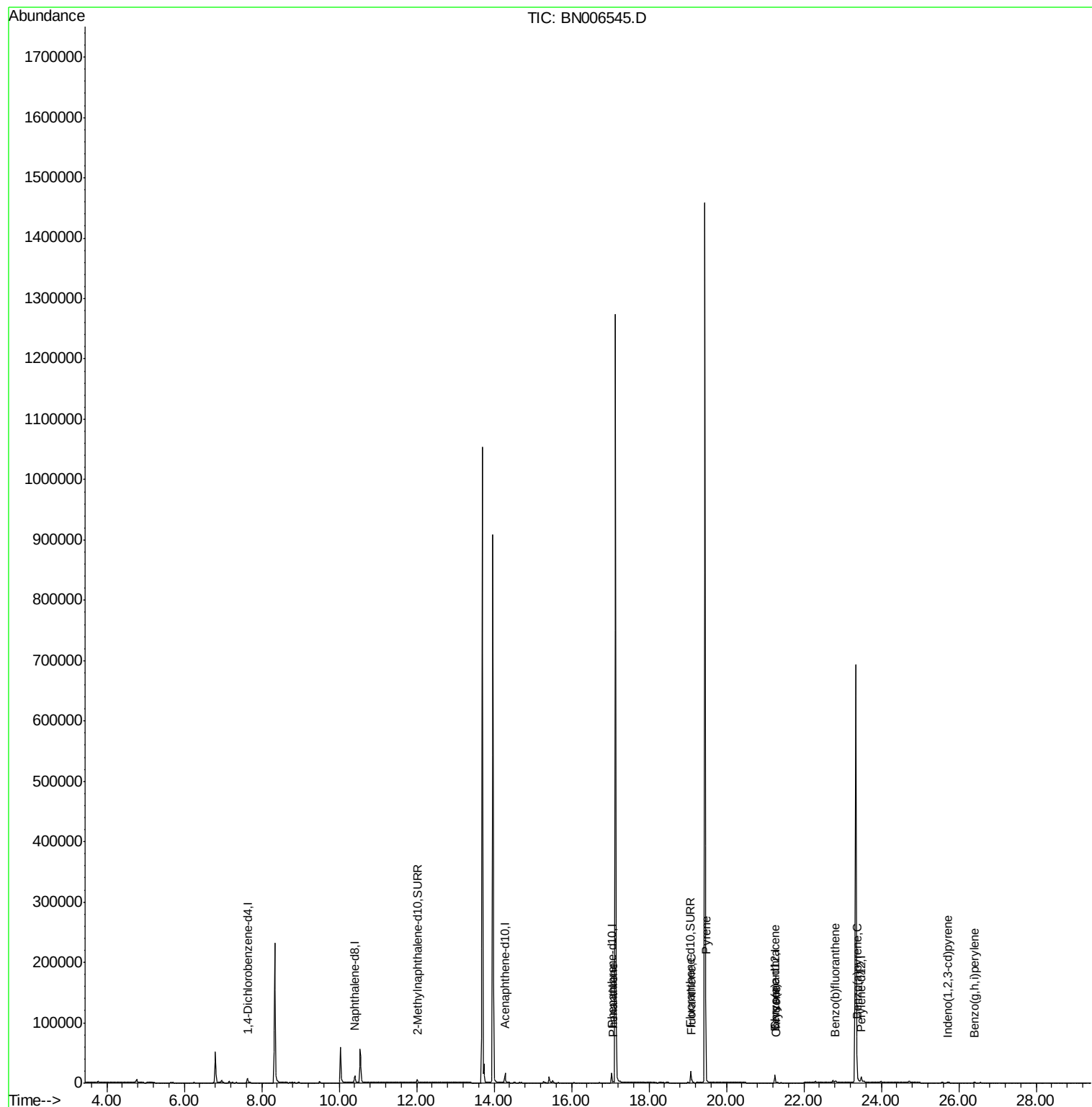
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
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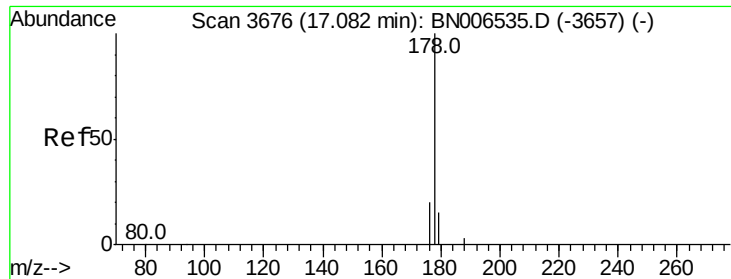
Instrument :
BNA_N
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A41X5

Quant Time: Jun 25 03:54:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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#12

Phenanthrene

Concen: 0.029 ng/ul m

RT: 17.08 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BN006545.D

Acq: 24 Jun 2019 23:22

Instrument :

BNA_N

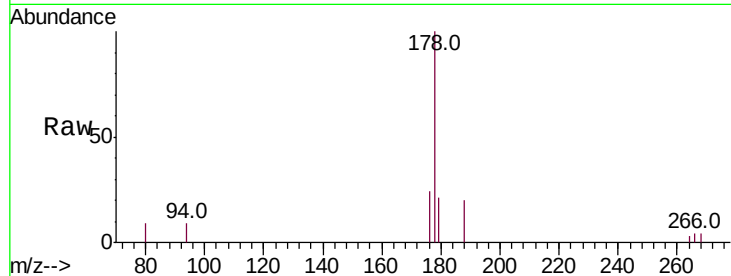
ClientSampleId :

A41X5

Tot Ion:178	Resp:	1776
Ion Ratio	Lower	Upper
178	100	
179	20.6	12.3 18.5#
176	23.8	15.3 22.9#

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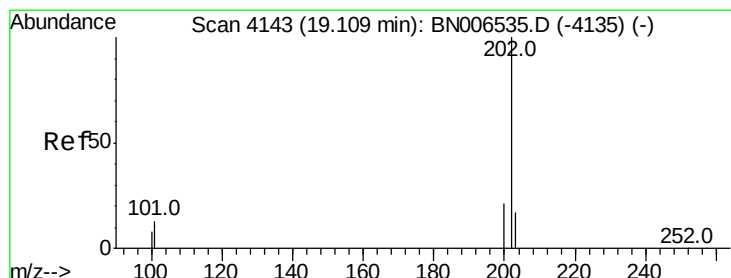
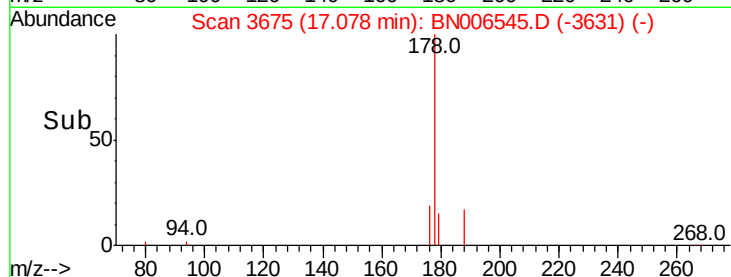
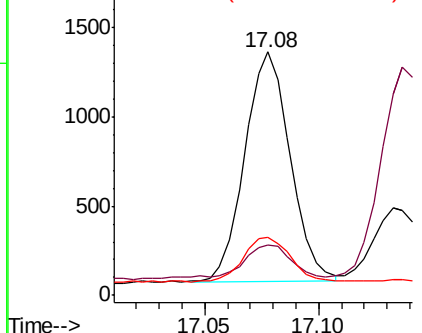
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.070 ng/ul m

RT: 19.11 min Scan# 4143

Delta R.T. -0.01 min

Lab File: BN006545.D

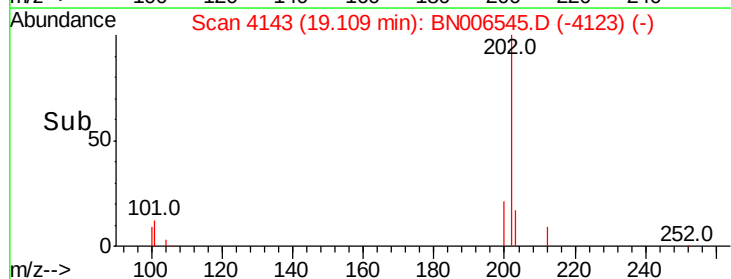
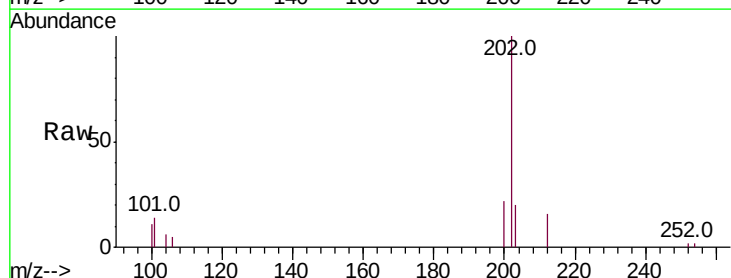
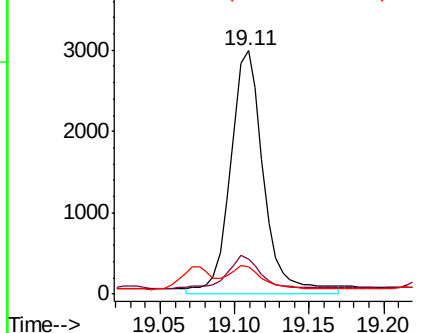
Acq: 24 Jun 2019 23:22

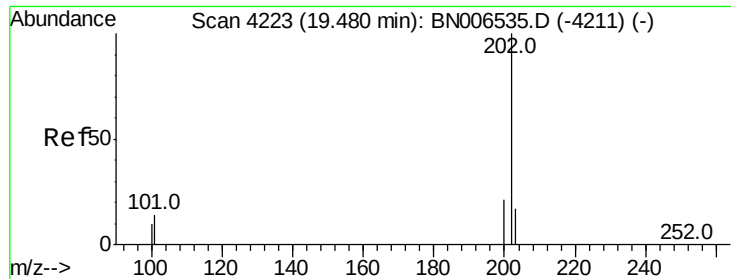
Tgt Ion:202	Resp:	4674
Ion Ratio	Lower	Upper
202	100	
101	14.4	0.0 32.1
100	11.3	0.0 28.7

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





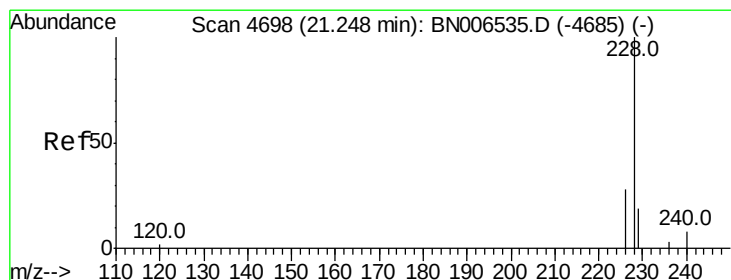
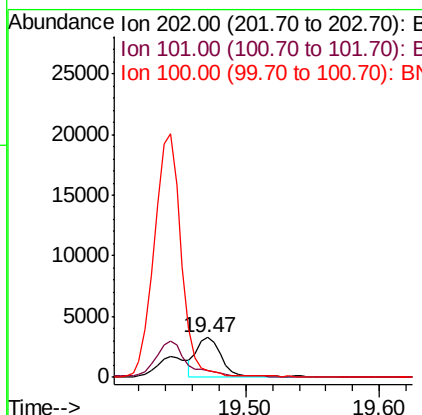
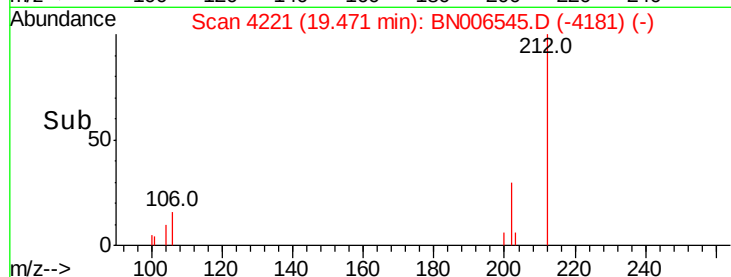
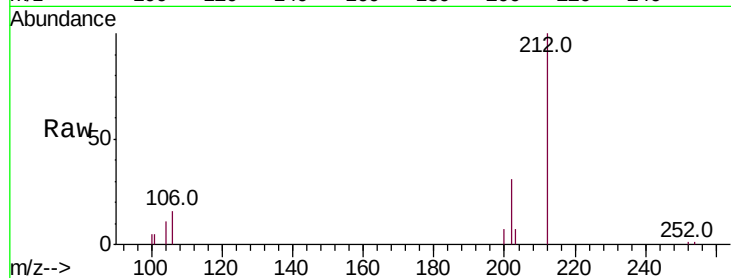
#17
Pvrene
Concen: 0.060 ng/ul
RT: 19.47 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN006545.D
Acq: 24 Jun 2019 23:22

Instrument :
BNA_N
ClientSampled :
A41X5

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.9	12.2	18.2
100	17.7	9.8	14.6

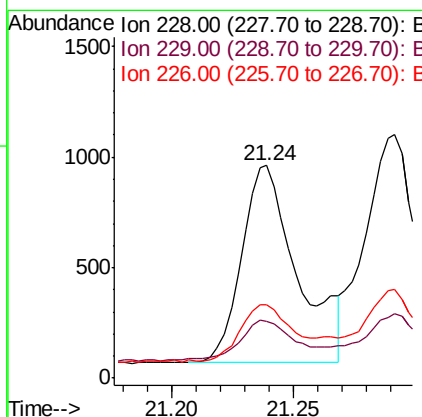
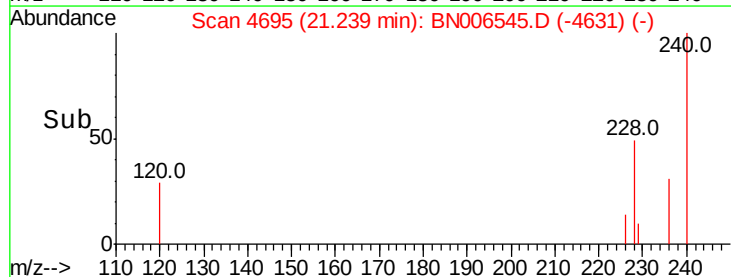
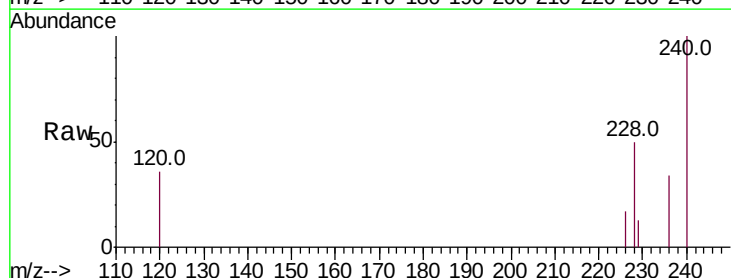
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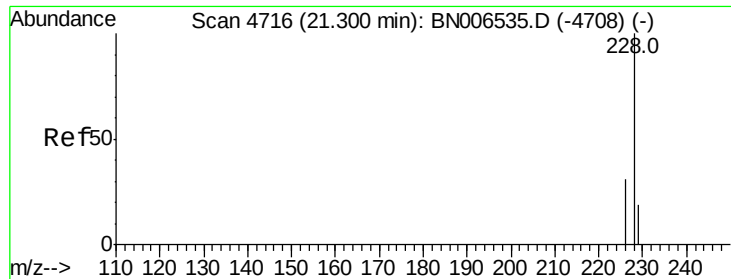
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#18
Benzo(a)anthracene
Concen: 0.026 ng/ul
RT: 21.24 min Scan# 4695
Delta R.T. -0.01 min
Lab File: BN006545.D
Acq: 24 Jun 2019 23:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	26.4	16.5	24.7
226	34.6	22.8	34.2





#19

Chrysene

Concen: 0.032 ng/ul

RT: 21.29 min Scan# 4713

Delta R.T. -0.01 min

Lab File: BN006545.D

Acq: 24 Jun 2019 23:22

Instrument :

BNA_N

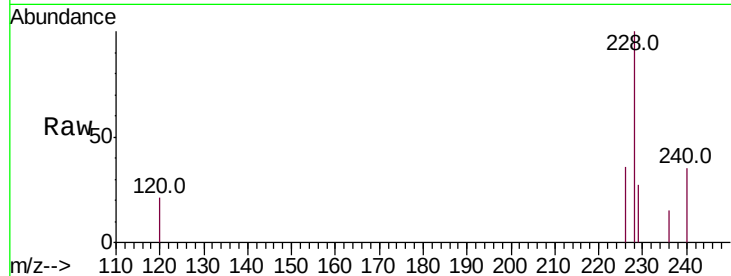
ClientSampled :

A41X5

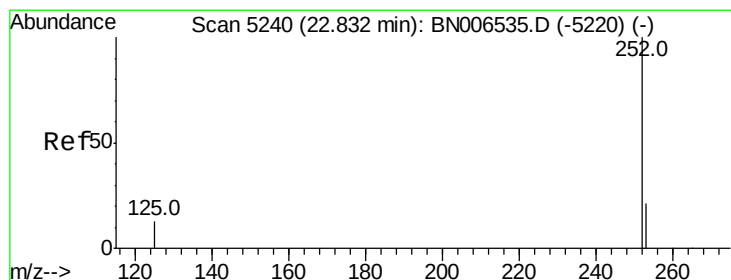
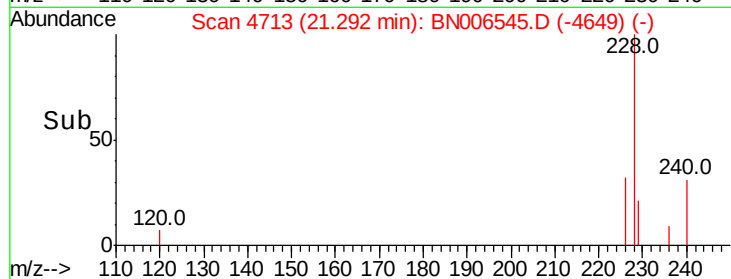
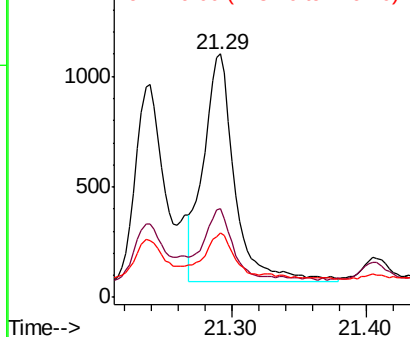
Tot Ion:228	Resp:	1669
Ion Ratio	Lower	Upper
228 100		
226 36.3	25.0	37.6
229 26.7	16.3	24.5#

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.054 ng/ul m

RT: 22.82 min Scan# 5235

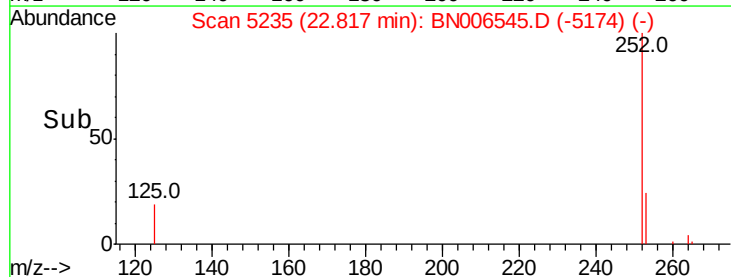
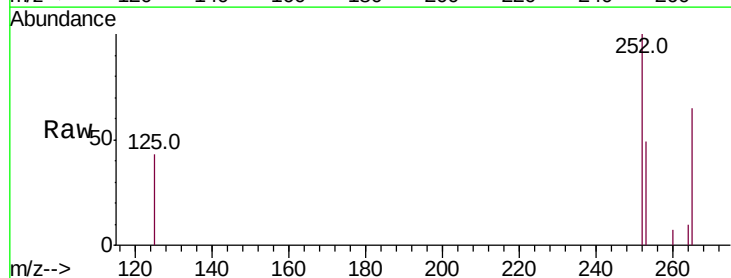
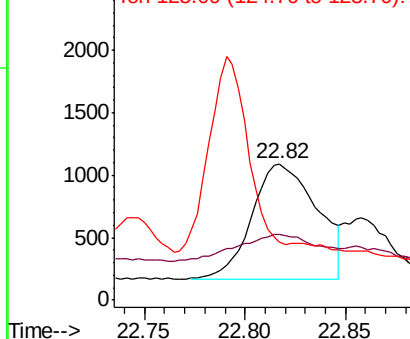
Delta R.T. -0.02 min

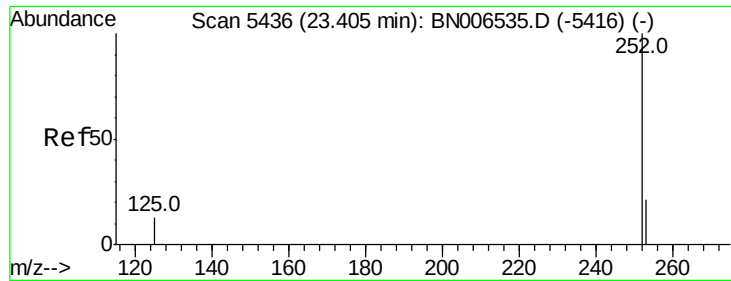
Lab File: BN006545.D

Acq: 24 Jun 2019 23:22

Tgt Ion:252	Resp:	2089
Ion Ratio	Lower	Upper
252 100		
253 48.5	0.0	51.4
125 42.7	0.0	41.0#

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: 0.031 ng/ul m

RT: 23.38 min Scan# 5427

Delta R.T. -0.03 min

Lab File: BN006545.D

Acq: 24 Jun 2019 23:22

Instrument :

BNA_N

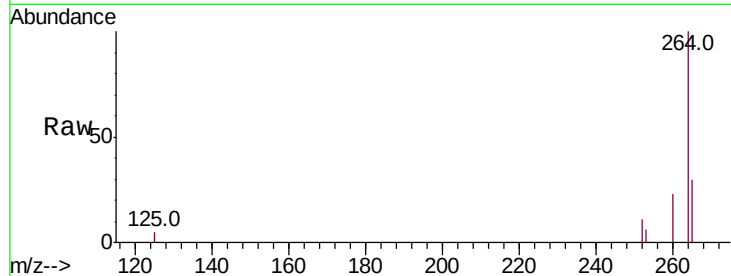
ClientSampled :

A41X5

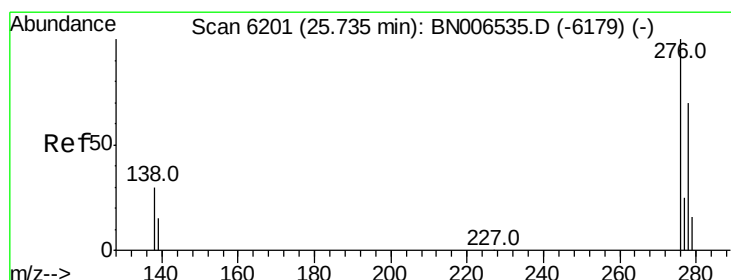
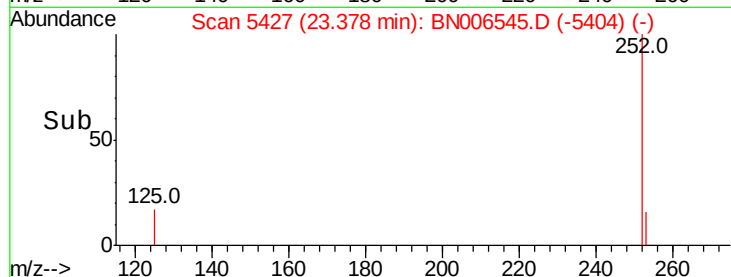
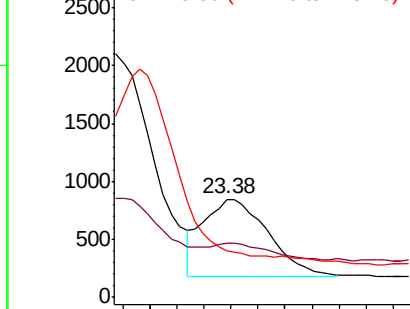
Tot Ion:	252	Resp:	1104
Ion Ratio	Lower	Upper	
252	100		
253	55.7	21.1	31.7#
125	47.3	20.3	30.5#

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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: 0.022 ng/ul m

RT: 25.73 min Scan# 6198

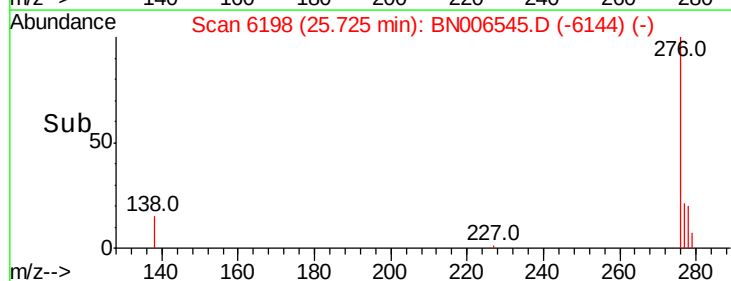
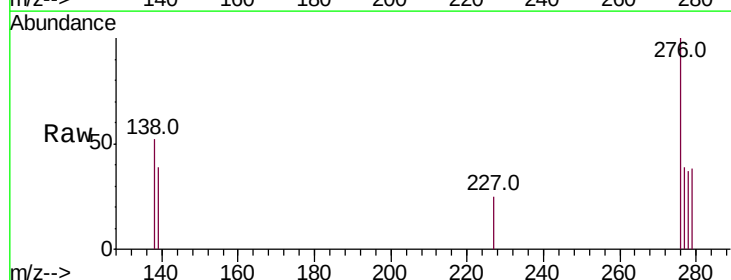
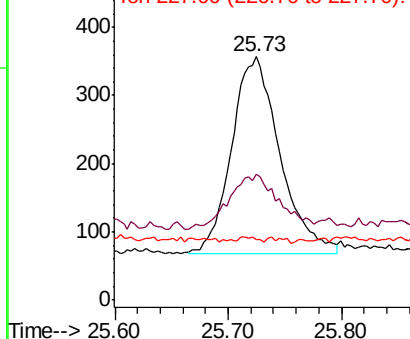
Delta R.T. -0.02 min

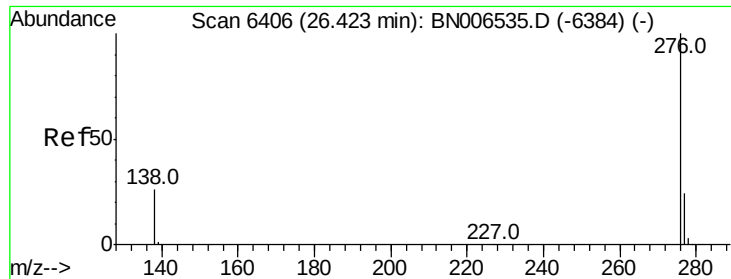
Lab File: BN006545.D

Acq: 24 Jun 2019 23:22

Tgt Ion:	276	Resp:	860
Ion Ratio	Lower	Upper	
276	100		
138	23.8	25.6	38.4#
227	0.3	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





#26

Benzo(a,h,i)perylene

Concen: 0.023 ng/ul m

RT: 26.41 min Scan# 6402

Delta R.T. -0.02 min

Lab File: BN006545.D

Acq: 24 Jun 2019 23:22

Instrument :

BNA_N

ClientSampleId :

A41X5

Tot Ion:	276	Resp:	748
Ion Ratio	Lower	Upper	
276	100		
138	54.5	24.2	36.4#
277	40.4	21.5	32.3#

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