

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007448.D
 Acq On : 28 Aug 2019 00:53
 Operator : HP/JU
 Sample : K4337-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AG4

Manual Integrations
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mohammad
 8/28/2019 7:48:15 AM

Quant Time: Aug 28 01:43:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 20:30:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5229	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	21790	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	12270	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	25726m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	21908m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	20028m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	9805	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	25430m	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	1547	0.025	ng/ul#	77
12) Phenanthrene	16.84	178	8217	0.102	ng/ul	96
15) Fluoranthene	18.87	202	13524m	0.126	ng/ul	
17) Pyrene	19.24	202	10179m	0.095	ng/ul	
18) Benzo(a)anthracene	21.00	228	5444	0.056	ng/ul#	94
19) Chrysene	21.05	228	5276m	0.050	ng/ul	
21) Benzo(b)fluoranthene	22.50	252	6741m	0.077	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	2826m	0.031	ng/ul	
23) Benzo(a)pyrene	23.03	252	4219m	0.048	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.18	276	3006m	0.031	ng/ul	
26) Benzo(g,h,i)perylene	25.81	276	2864	0.034	ng/ul#	70

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

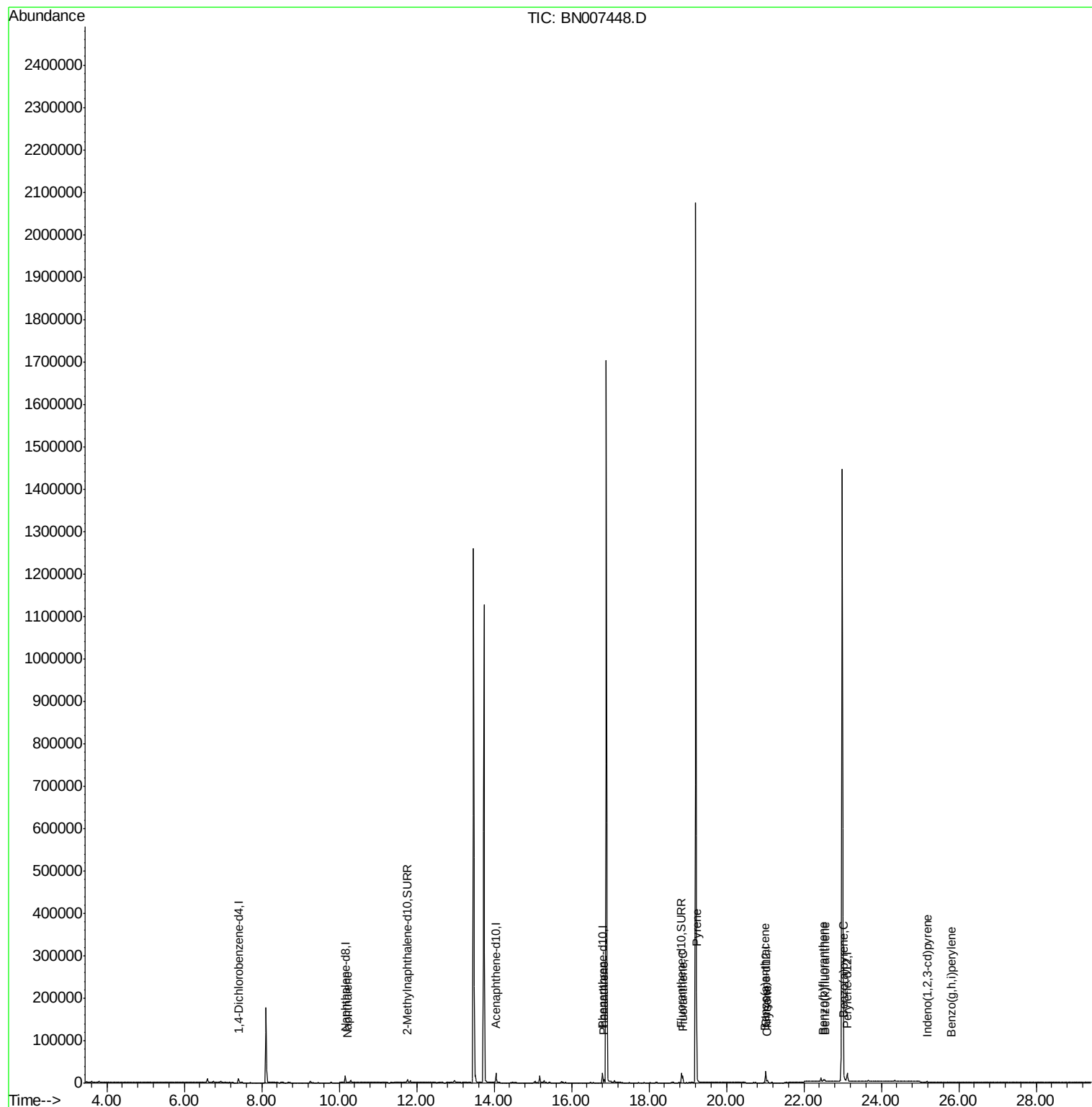
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007448.D
Acq On : 28 Aug 2019 00:53
Operator : HP/JU
Sample : K4337-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

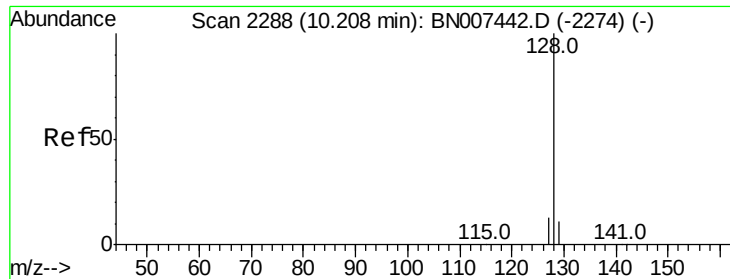
Instrument :
BNA_N
ClientSampleId :
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QLast Update : Tue Aug 27 20:30:31 2019
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#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BN007448.D

Acq: 28 Aug 2019 00:53

Instrument :

BNA_N

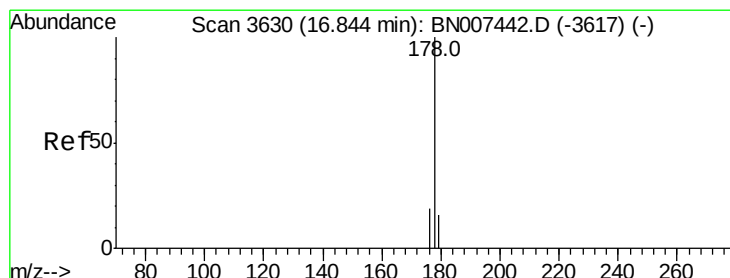
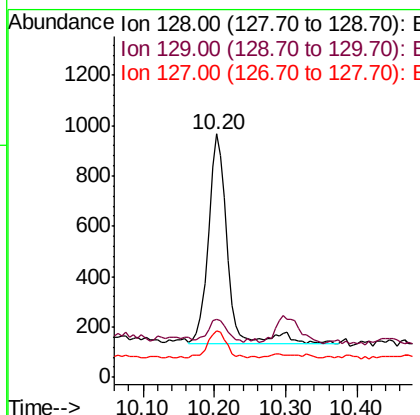
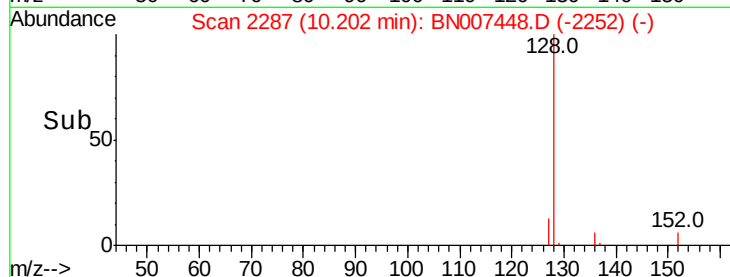
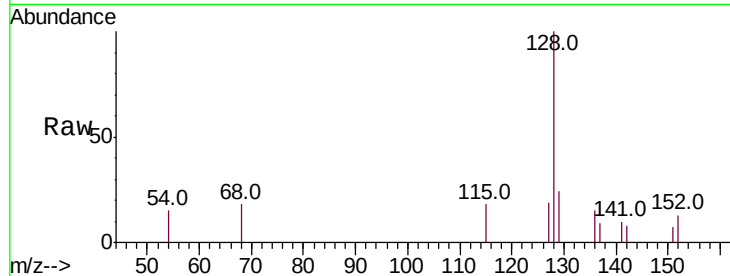
ClientSampleId :

C0AG4

Tot Ion:	128	Resp:	1547
Ion Ratio	Lower	Upper	
128	100		
129	23.8	9.2	13.8#
127	18.9	10.4	15.6#

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#12

Phenanthrene

Concen: 0.102 ng/ul

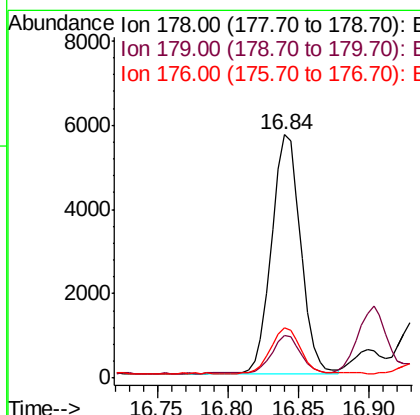
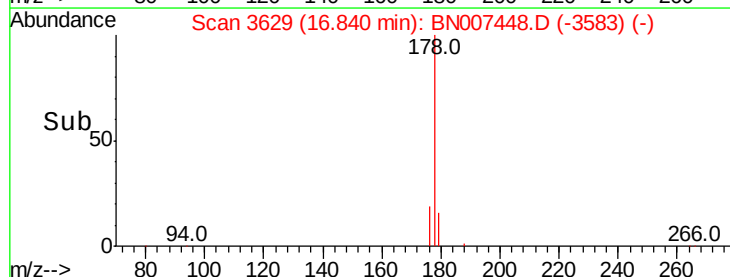
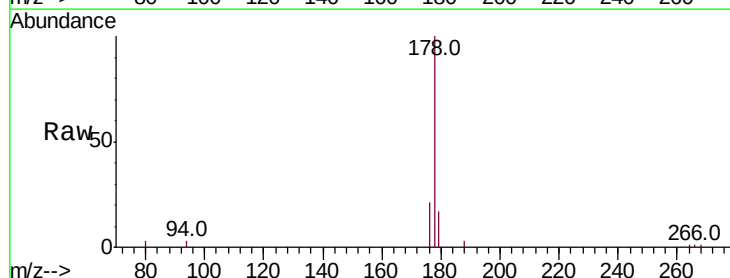
RT: 16.84 min Scan# 3629

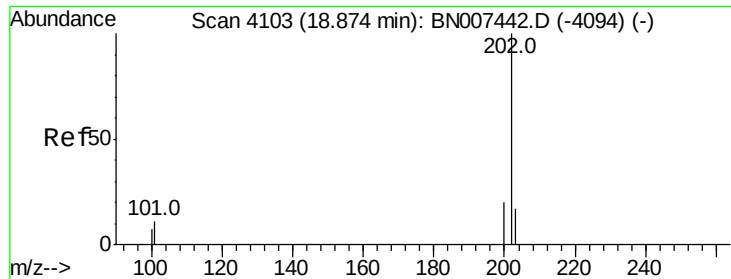
Delta R.T. -0.00 min

Lab File: BN007448.D

Acq: 28 Aug 2019 00:53

Tgt Ion:	178	Resp:	8217
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.8	19.2
176	20.9	15.2	22.8





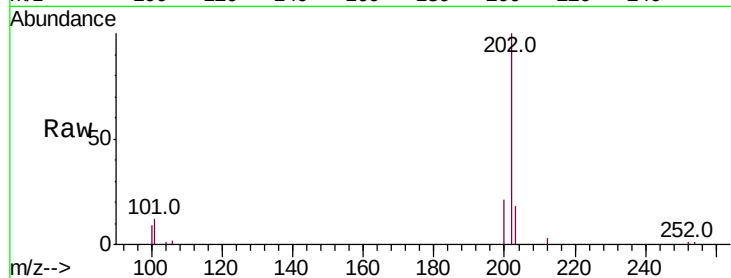
#15
Fluoranthene
Concen: 0.126 ng/ul m
RT: 18.87 min Scan# 4102
Delta R.T. -0.00 min
Lab File: BN007448.D
Acq: 28 Aug 2019 00:53

Instrument :
BNA_N
ClientSampleId :
C0AG4

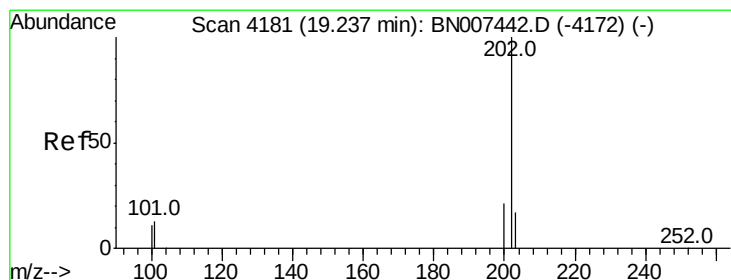
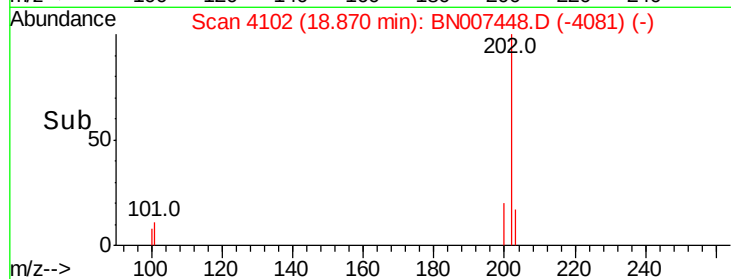
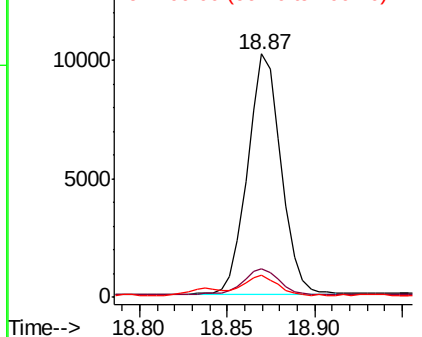
Tot Ion:	202	Resp:	13524
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	31.3
100	8.9	0.0	28.5

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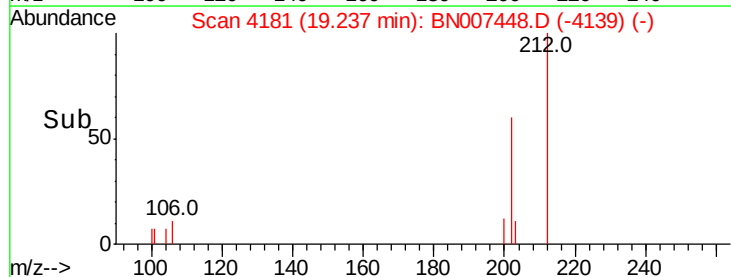
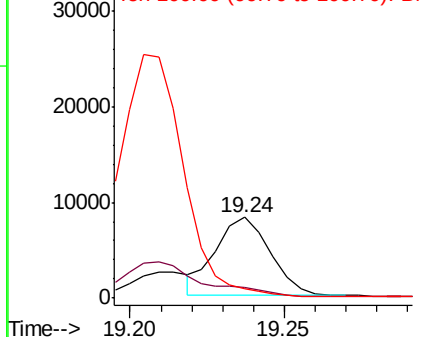
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

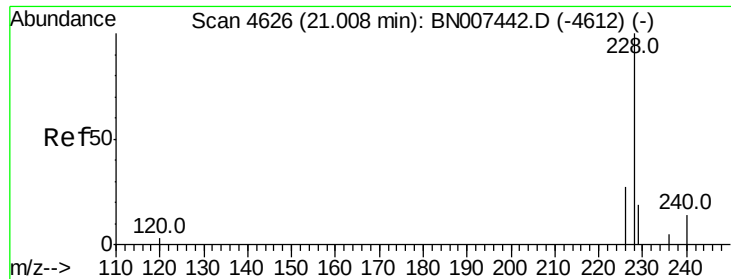


#17
Pyrene
Concen: 0.095 ng/ul m
RT: 19.24 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN007448.D
Acq: 28 Aug 2019 00:53

Tgt Ion:	202	Resp:	10179
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.7	16.1
100	12.4	8.6	12.8

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





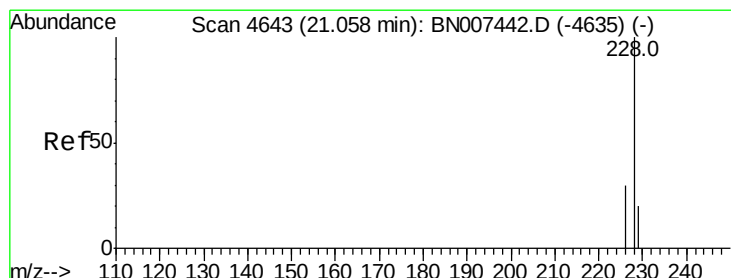
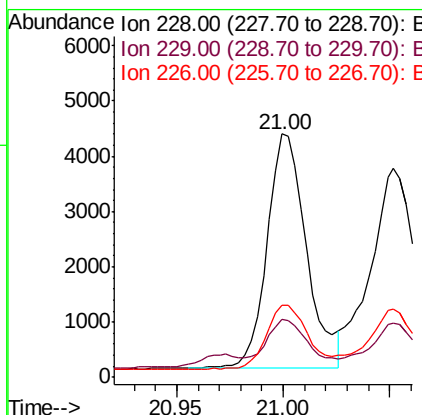
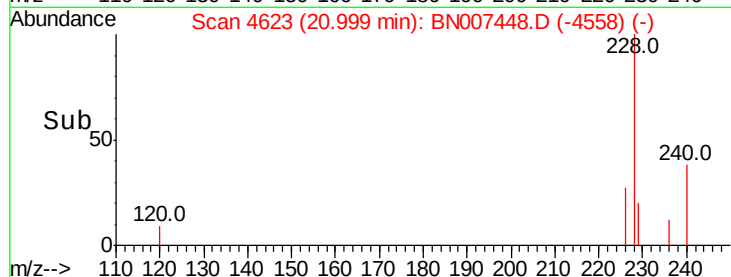
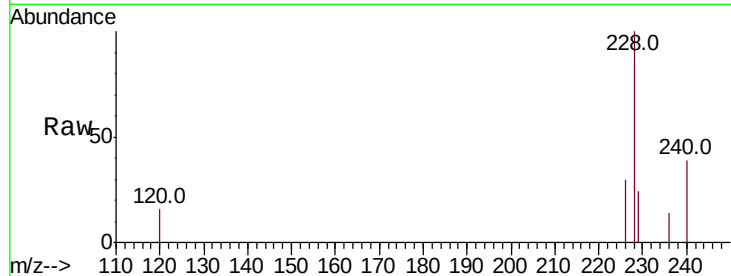
#18
Benzo(a)anthracene
Concen: 0.056 ng/ul
RT: 21.00 min Scan# 4623
Delta R.T. -0.01 min
Lab File: BN007448.D
Acq: 28 Aug 2019 00:53

Instrument :
BNA_N
ClientSampleId :
C0AG4

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.8	15.4	23.2#
226	29.5	22.0	33.0

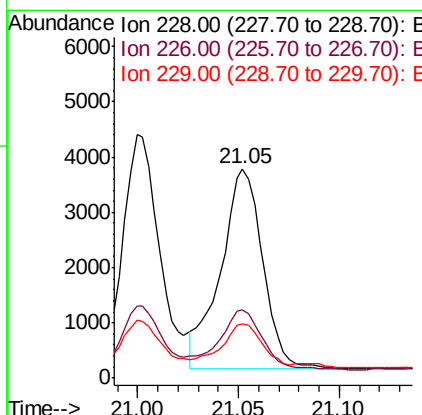
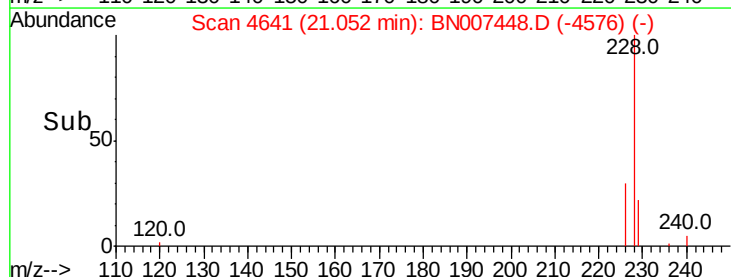
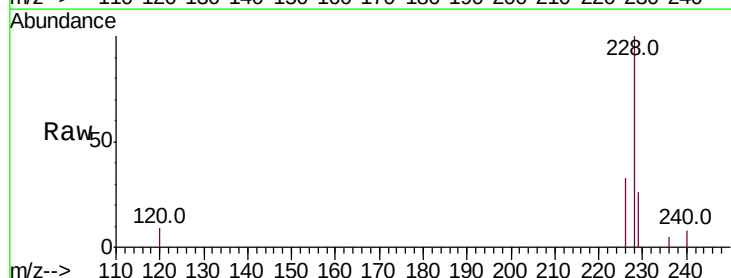
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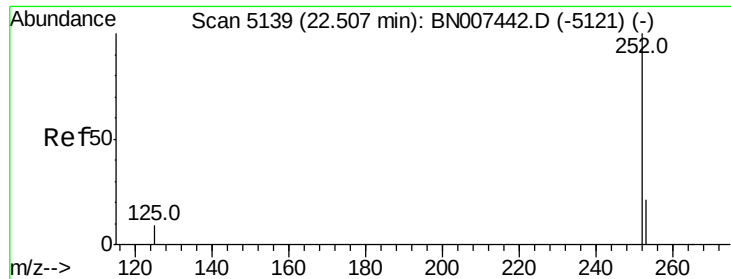
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#19
Chrysene
Concen: 0.050 ng/ul m
RT: 21.05 min Scan# 4641
Delta R.T. -0.01 min
Lab File: BN007448.D
Acq: 28 Aug 2019 00:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.1	36.1
229	25.7	16.1	24.1#





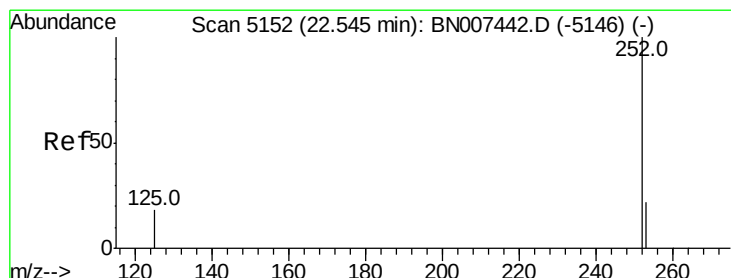
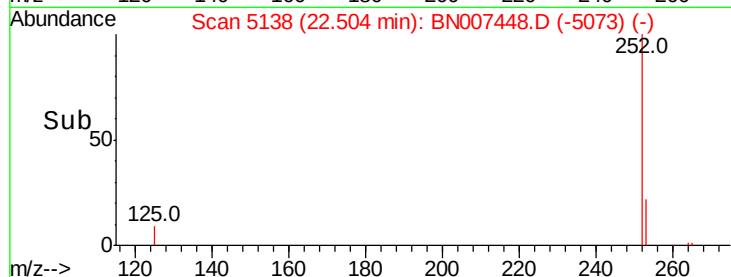
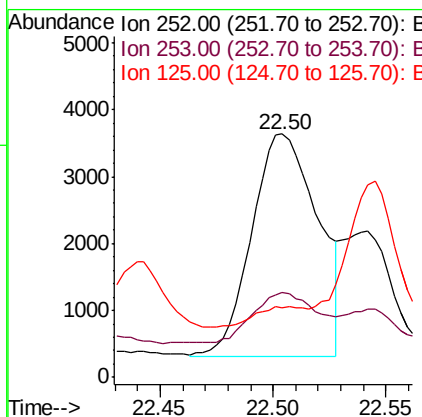
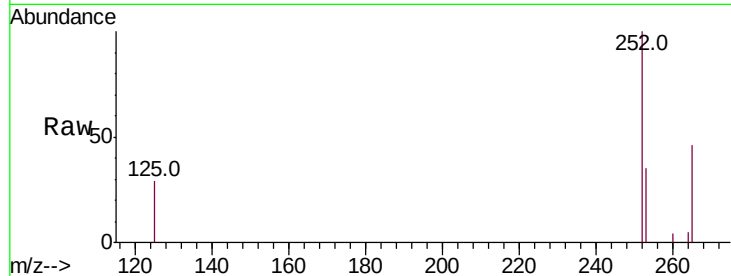
#21
Benzo(b)fluoranthene
Concen: 0.077 ng/ul m
RT: 22.50 min Scan# 5138
Delta R.T. -0.01 min
Lab File: BN007448.D
Acq: 28 Aug 2019 00:53

Instrument :
BNA_N
ClientSampleId :
C0AG4

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.8	0.0	47.0
125	28.7	0.0	24.8

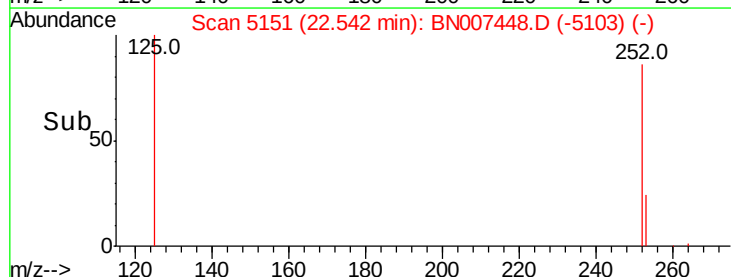
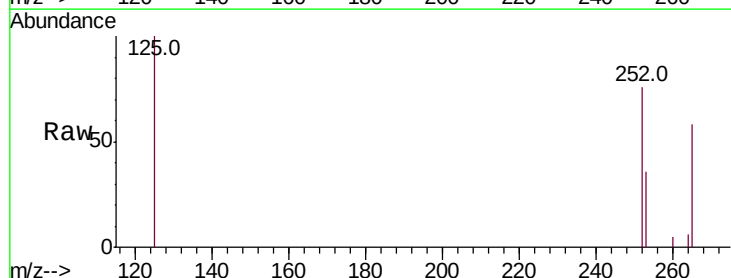
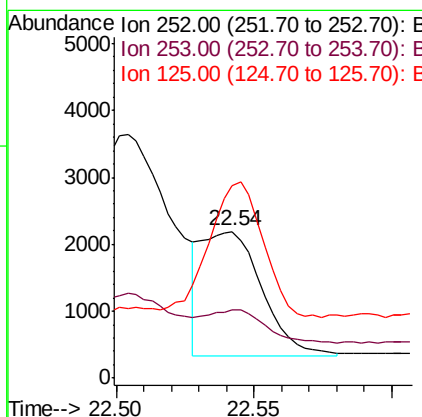
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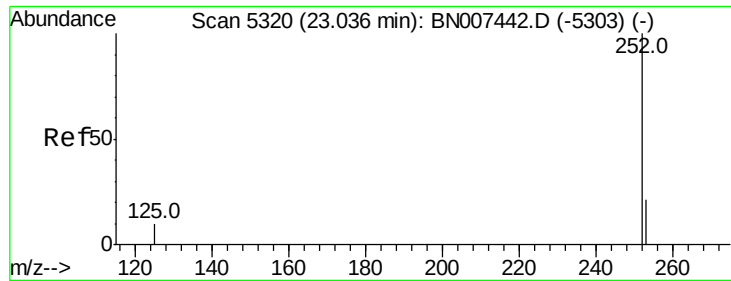
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#22
Benzo(k)fluoranthene
Concen: 0.031 ng/ul m
RT: 22.54 min Scan# 5151
Delta R.T. -0.01 min
Lab File: BN007448.D
Acq: 28 Aug 2019 00:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.8	18.7	28.1
125	131.4	12.4	18.6





#23

Benzo(a)pyrene

Concen: 0.048 ng/ul m

RT: 23.03 min Scan# 5318

Delta R.T. -0.01 min

Lab File: BN007448.D

Acq: 28 Aug 2019 00:53

Instrument :

BNA_N

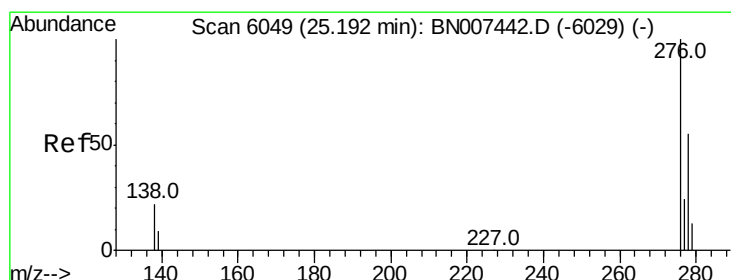
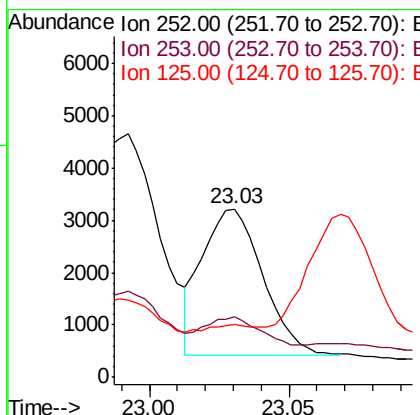
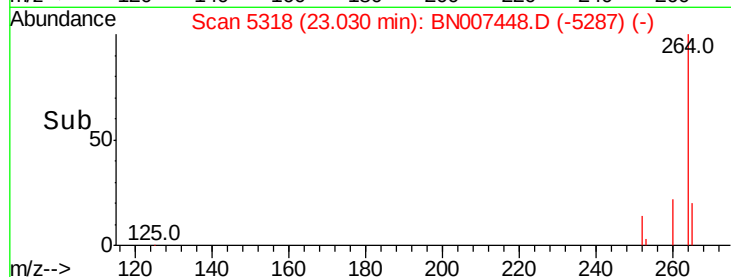
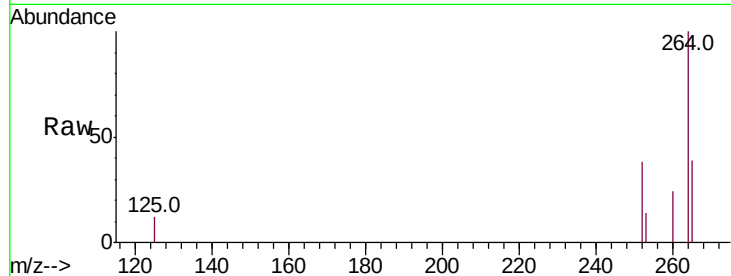
ClientSampleId :

C0AG4

Tot Ion:	252	Resp:	4219
Ion Ratio	Lower	Upper	
252	100		
253	35.9	19.0	28.6#
125	31.2	11.2	16.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.031 ng/ul m

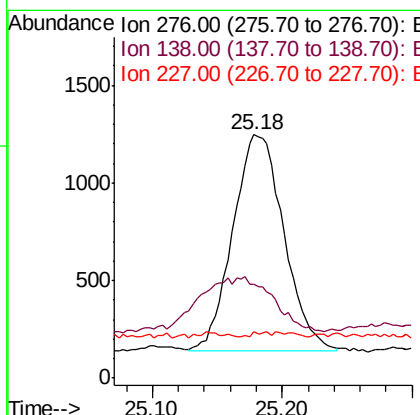
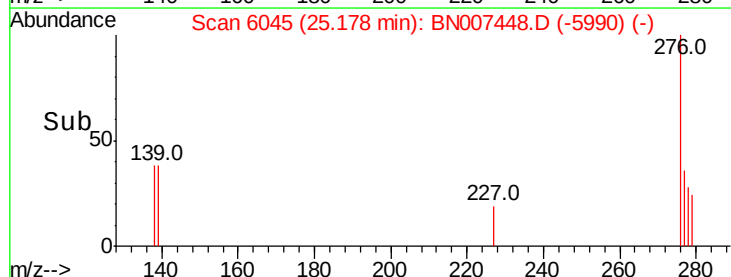
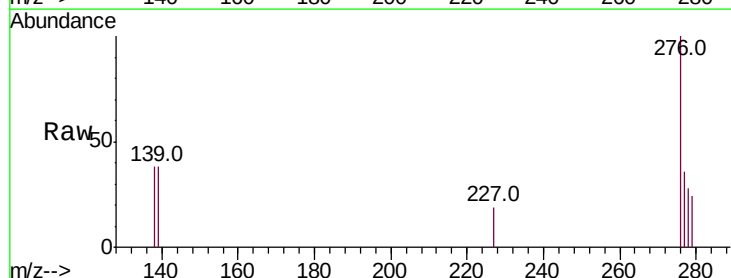
RT: 25.18 min Scan# 6045

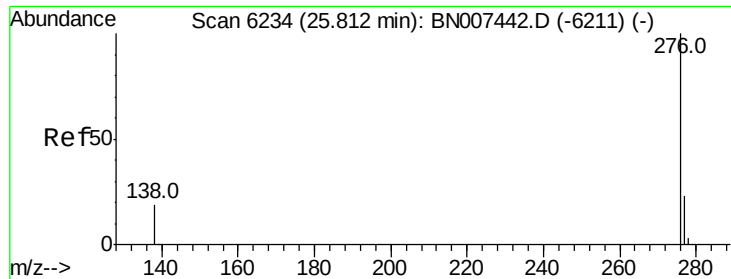
Delta R.T. -0.02 min

Lab File: BN007448.D

Acq: 28 Aug 2019 00:53

Tgt Ion:	276	Resp:	3006
Ion Ratio	Lower	Upper	
276	100		
138	0.0	19.7	29.5#
227	0.0	0.1	0.1#





#26

Benzo(a,h,i)perylene

Concen: 0.034 ng/ul

RT: 25.81 min Scan# 6232

Delta R.T. -0.02 min

Lab File: BN007448.D

Acq: 28 Aug 2019 00:53

Instrument :

BNA_N

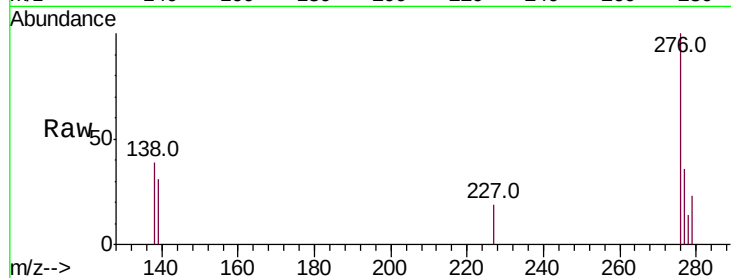
ClientSampleId :

C0AG4

Tot Ion	Ratio	Lower	Upper
276	100		
138	38.5	17.1	25.7#
277	36.2	19.4	29.0#

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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

