

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008928.D
 Acq On : 11 Dec 2019 21:45
 Operator : JU
 Sample : K6088-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BP0

Manual Integrations
 APPROVED

mohammad
 12/12/2019 11:32:30 AM

Quant Time: Dec 12 01:46:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 11 10:35:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2407	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10425	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6751	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	15718	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13921	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	15252	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3001	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9395	0.20	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	11.98	142	511	0.023	ng/ul	98
12) Phenanthrene	16.97	178	2464	0.046	ng/ul	95
15) Fluoranthene	19.00	202	2528	0.039	ng/ul	94
17) Pyrene	19.36	202	2358	0.042	ng/ul#	90
18) Benzo(a)anthracene	21.12	228	1252	0.022	ng/ul#	84
19) Chrysene	21.17	228	2560	0.047	ng/ul#	90
21) Benzo(b)fluoranthene	22.65	252	2671m	0.042	ng/ul	
26) Benzo(g,h,i)perylene	26.03	276	1306	0.023	ng/ul#	66

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

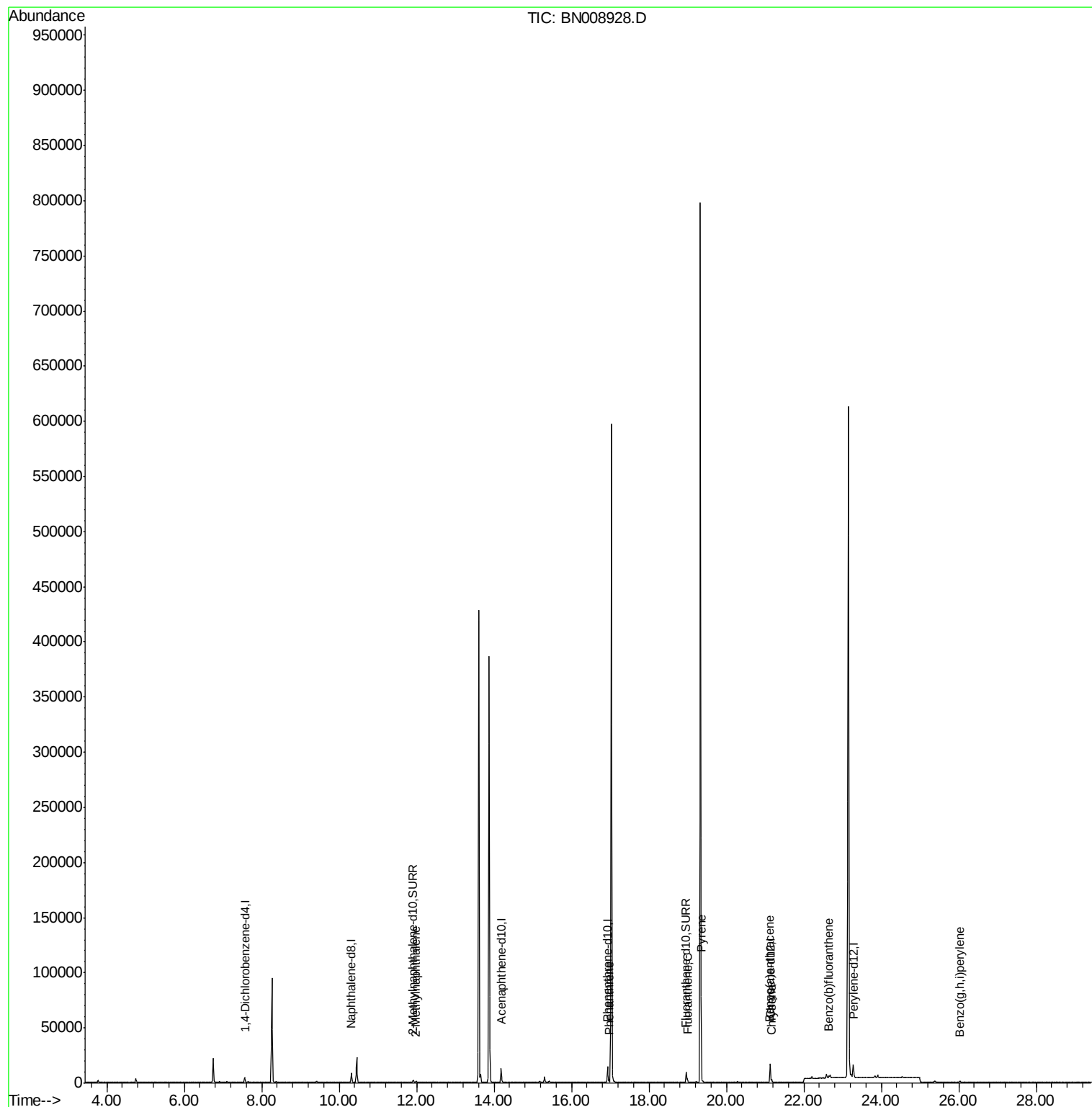
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008928.D
Acq On : 11 Dec 2019 21:45
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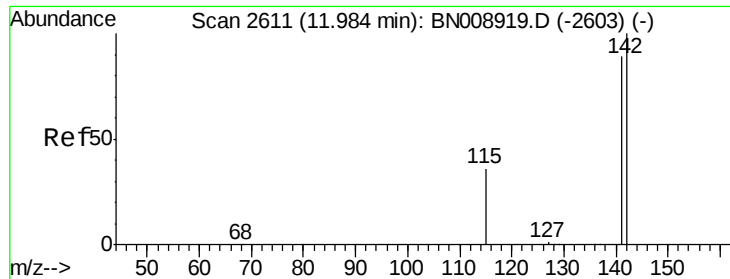
Instrument :
BNA_N
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QLast Update : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 11.98 min Scan# 2611

Delta R.T. -0.00 min

Lab File: BN008928.D

Acq: 11 Dec 2019 21:45

Instrument :

BNA_N

ClientSampleId :

C0BP0

Tot Ion:142 Resp: 511

Ion Ratio Lower Upper

142 100

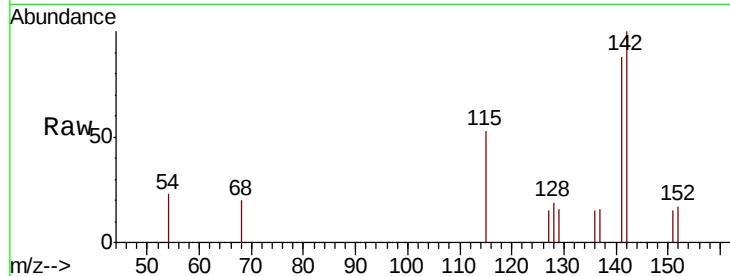
141 89.2 70.1 105.1

Manual Integrations

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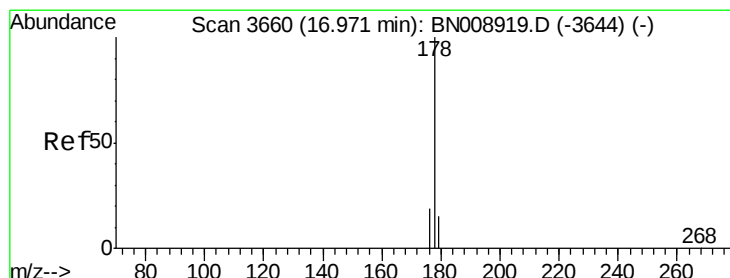
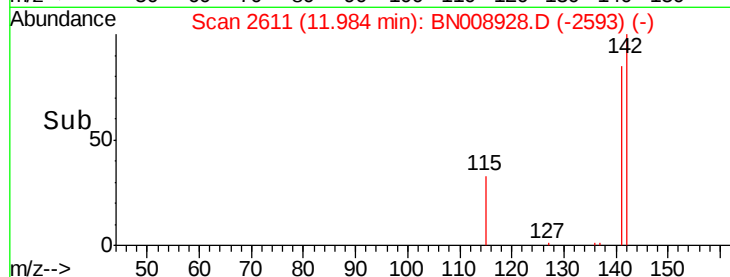
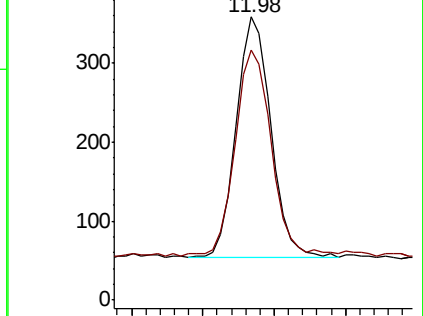
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#12

Phenanthrene

Concen: 0.046 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008928.D

Acq: 11 Dec 2019 21:45

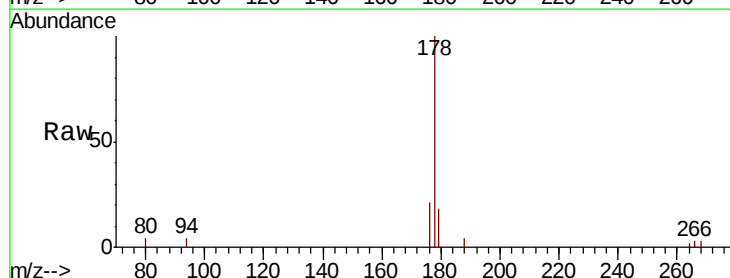
Tgt Ion:178 Resp: 2464

Ion Ratio Lower Upper

178 100

179 18.3 12.6 18.8

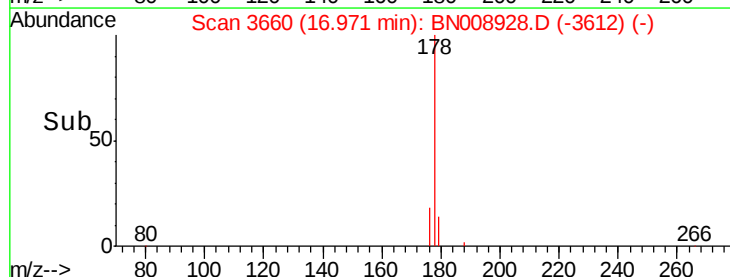
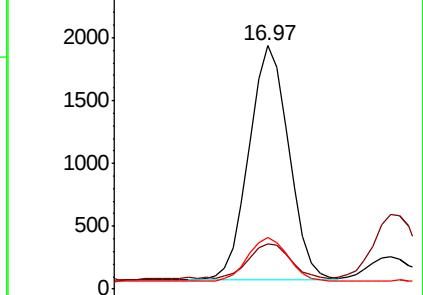
176 21.0 15.3 22.9

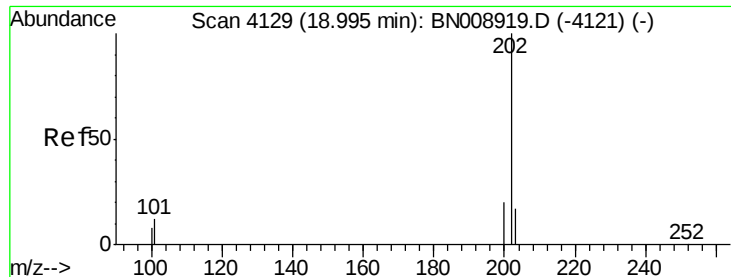


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





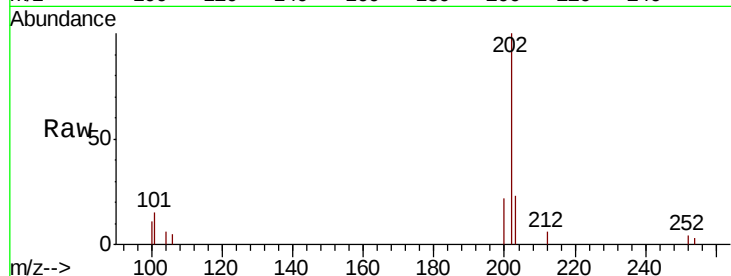
#15
Fluoranthene
Concen: 0.039 ng/ul
RT: 19.00 min Scan# 4129
Delta R.T. 0.00 min
Lab File: BN008928.D
Acq: 11 Dec 2019 21:45

Instrument :
BNA_N
ClientSampleId :
C0BP0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.1	0.0	32.4
100	11.0	0.0	29.2

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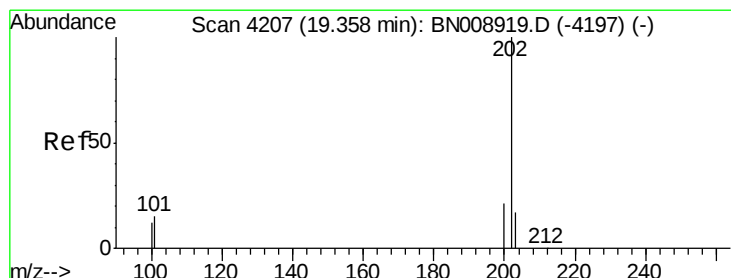
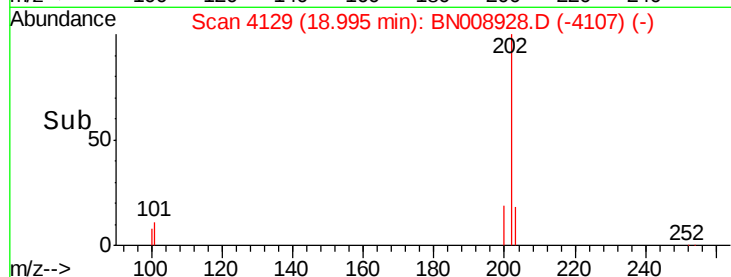
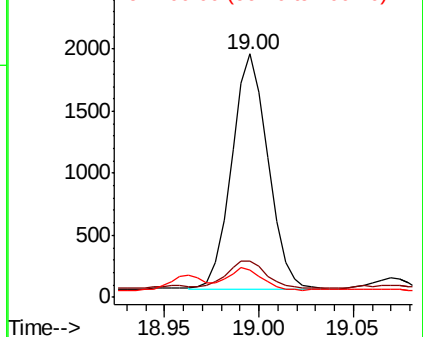


Abundance

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: 0.042 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008928.D
Acq: 11 Dec 2019 21:45

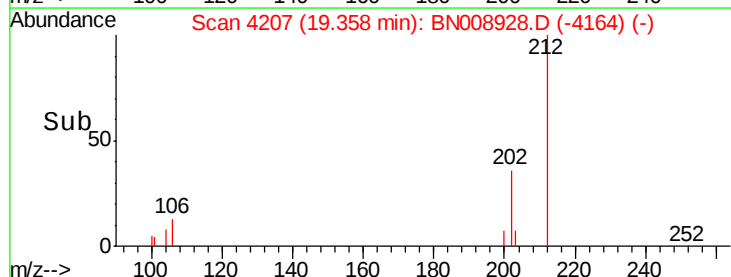
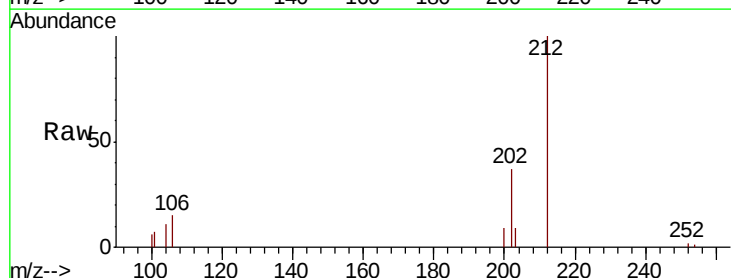
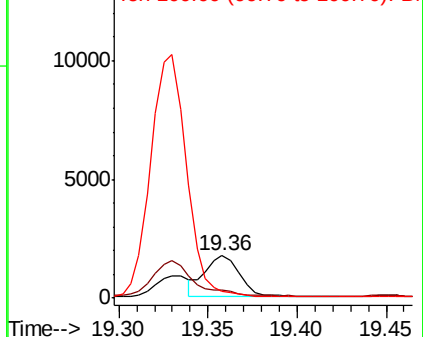
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	18.7	12.2	18.4#
100	16.7	9.5	14.3#

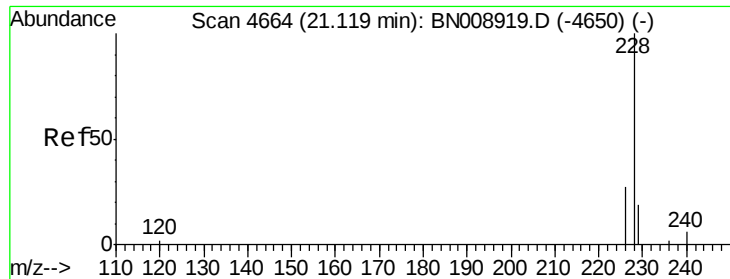
Abundance

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





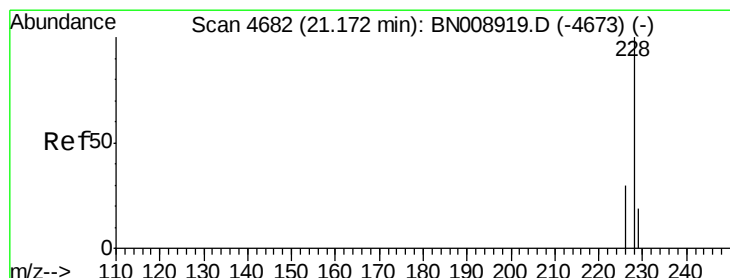
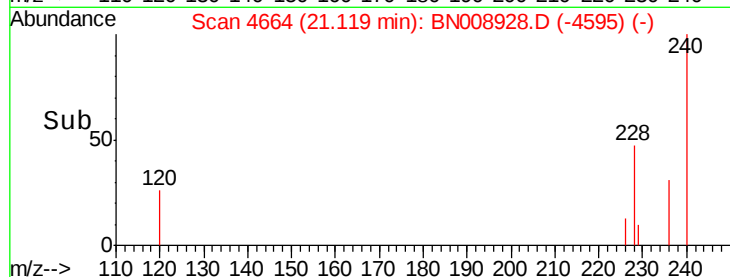
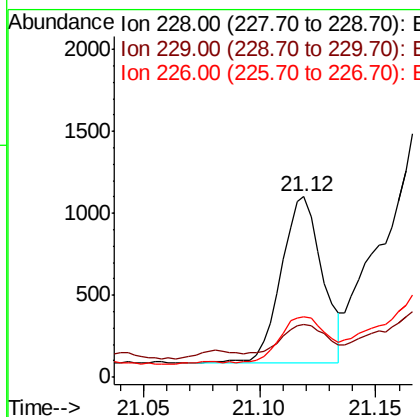
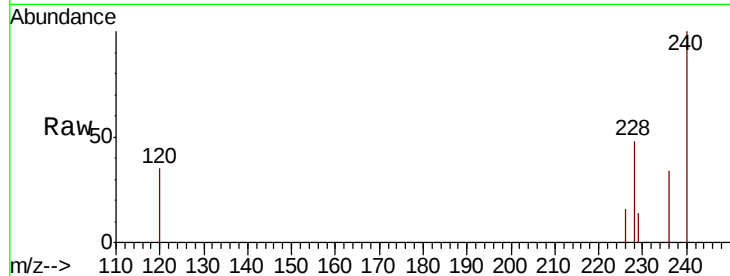
#18
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.12 min Scan# 4664
Delta R.T. 0.00 min
Lab File: BN008928.D
Acq: 11 Dec 2019 21:45

Instrument :
BNA_N
ClientSampleId :
C0BP0

Tot Ion	Ratio	Lower	Upper
228	100		
229	28.9	15.7	23.5#
226	33.8	21.5	32.3#

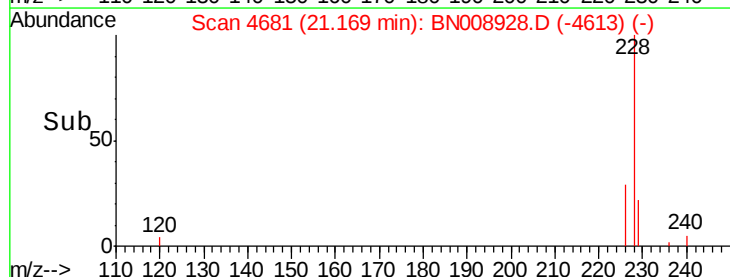
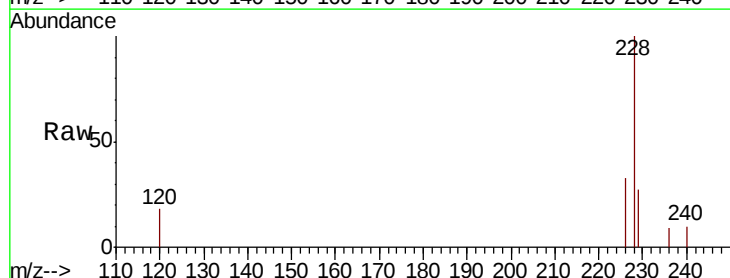
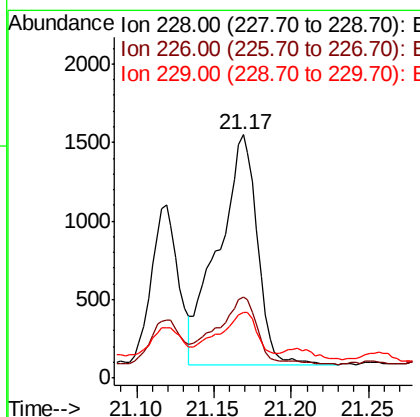
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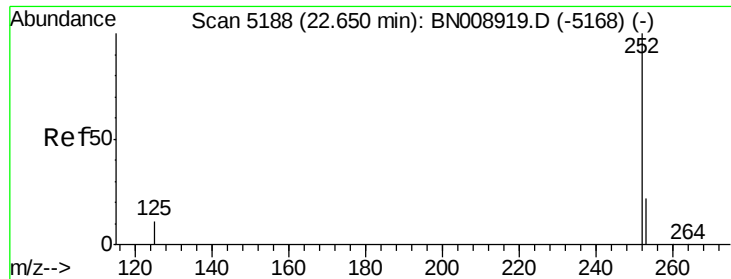
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#19
Chrysene
Concen: 0.047 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008928.D
Acq: 11 Dec 2019 21:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.8	35.6
229	26.8	15.6	23.4#





#21

Benzo(b)fluoranthene

Concen: 0.042 ng/ul m

RT: 22.65 min Scan# 5187

Delta R.T. 0.00 min

Lab File: BN008928.D

Acq: 11 Dec 2019 21:45

Instrument :

BNA_N

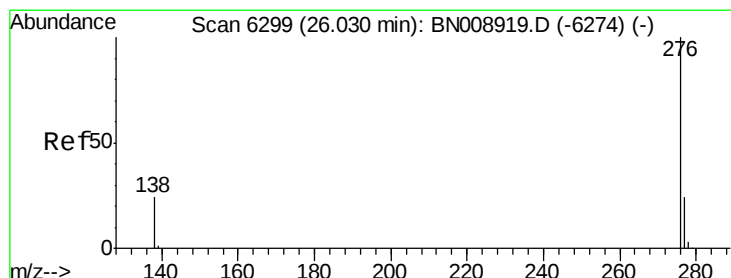
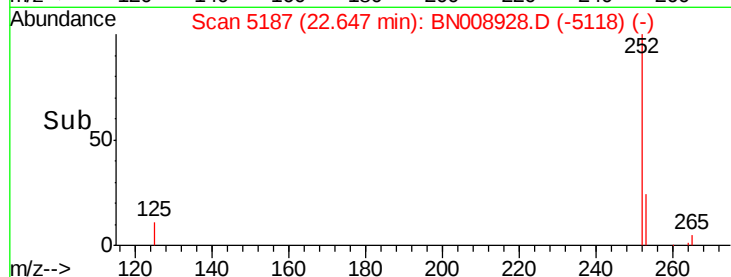
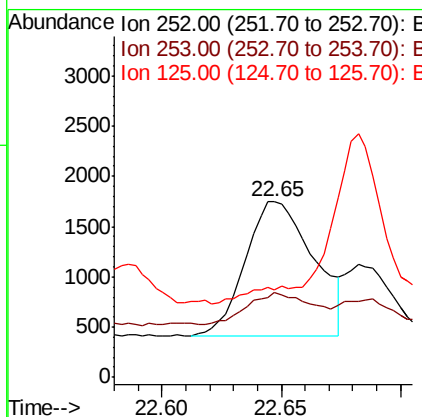
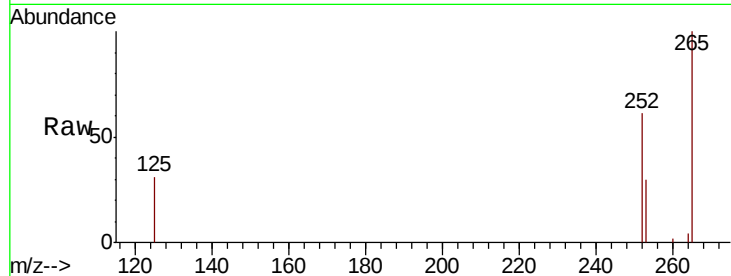
ClientSampleId :

C0BP0

Tot Ion:	252	Resp:	2671
Ion Ratio	Lower	Upper	
252	100		
253	48.1	0.0	48.6
125	49.9	0.0	31.6#

Manual Integrations
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#26

Benzo(g,h,i)perylene

Concen: 0.023 ng/ul

RT: 26.03 min Scan# 6298

Delta R.T. -0.00 min

Lab File: BN008928.D

Acq: 11 Dec 2019 21:45

Tgt Ion:	276	Resp:	1306
Ion Ratio	Lower	Upper	
276	100		
138	48.3	21.9	32.9#
277	38.1	19.9	29.9#

