

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
 Data File : BN008951.D
 Acq On : 12 Dec 2019 18:28
 Operator : JU
 Sample : K6089-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ6

Manual Integrations
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mohammad
 12/13/2019 9:07:53 AM

Quant Time: Dec 13 01:26:36 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 : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2534	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11030	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7101	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16385	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14193	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14337	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2934	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8962	0.18	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	11.98	142	587	0.025	ng/ul	100
12) Phenanthrene	16.97	178	6230	0.113	ng/ul	98
15) Fluoranthene	18.99	202	8706	0.128	ng/ul	95
17) Pyrene	19.36	202	8537m	0.150	ng/ul	
18) Benzo(a)anthracene	21.11	228	4197	0.074	ng/ul#	87
19) Chrysene	21.17	228	7858	0.140	ng/ul#	92
21) Benzo(b)fluoranthene	22.64	252	6268m	0.106	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	1812m	0.031	ng/ul	
23) Benzo(a)pyrene	23.18	252	3880	0.070	ng/ul#	60
24) Indeno(1,2,3-cd)pyrene	25.38	276	2667	0.041	ng/ul#	45
25) Dibenzo(a,h)anthracene	25.38	278	1366	0.026	ng/ul#	24
26) Benzo(g,h,i)perylene	26.02	276	3267	0.060	ng/ul#	84

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

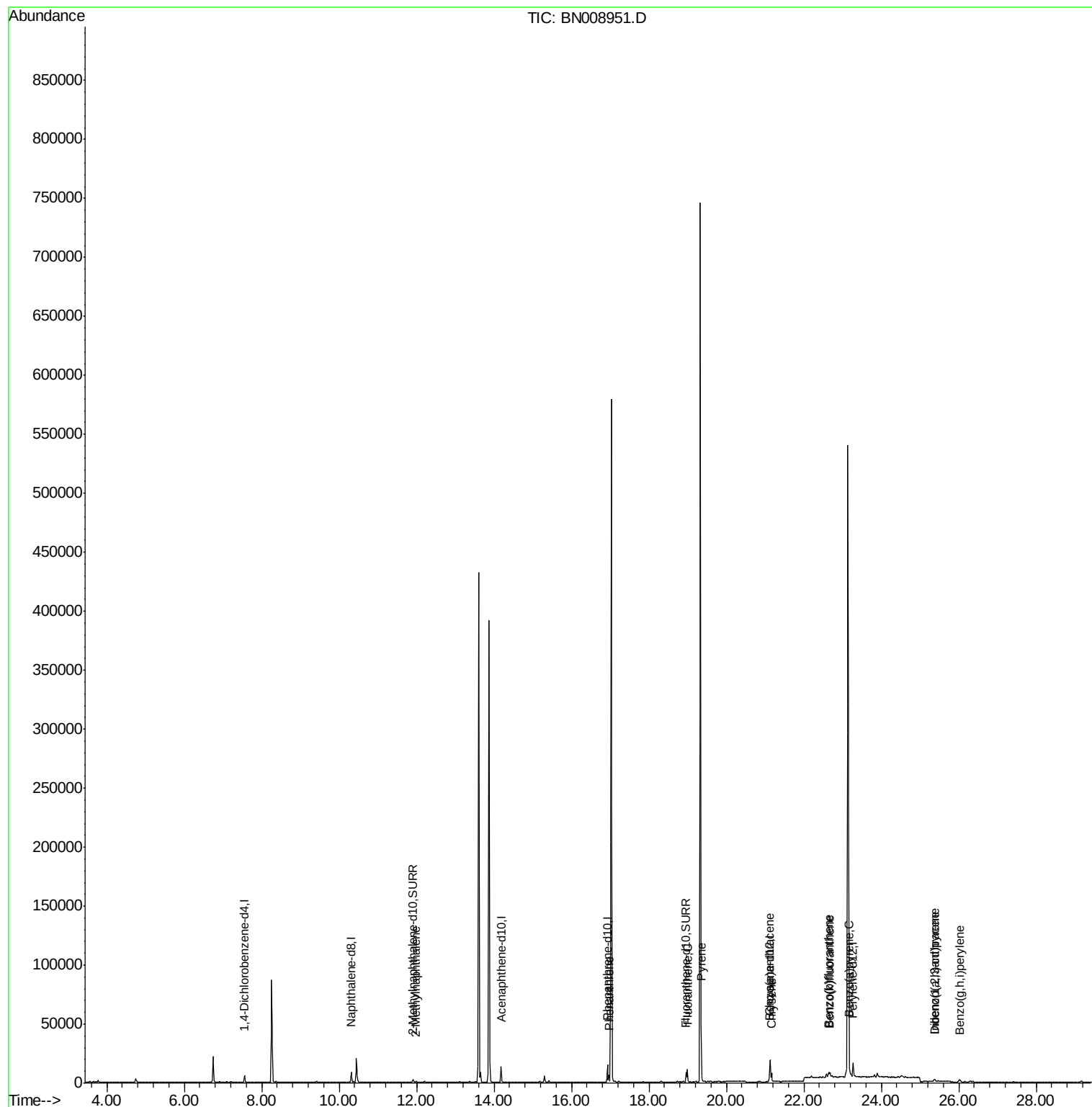
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
Data File : BN008951.D
Acq On : 12 Dec 2019 18:28
Operator : JU
Sample : K6089-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

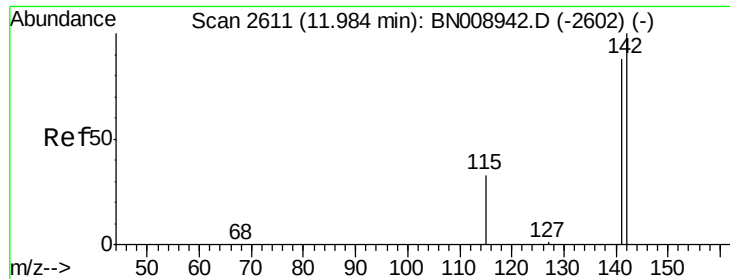
Instrument :
BNA_N
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Quant Time: Dec 13 01:26:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 11.98 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

Instrument :

BNA_N

ClientSampleId :

C0BQ6

Tgt Ion:142 Resp: 587

Ion Ratio Lower Upper

142 100

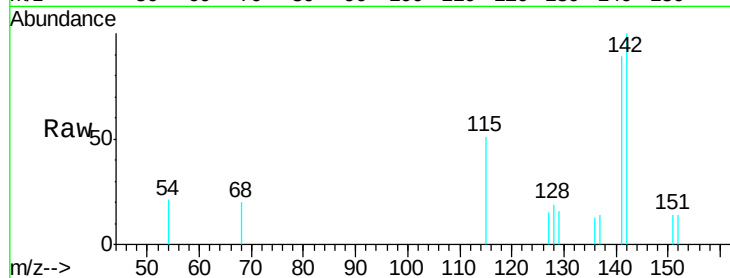
141 87.4 70.1 105.1

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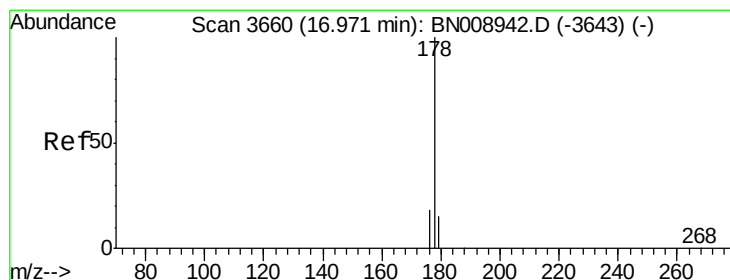
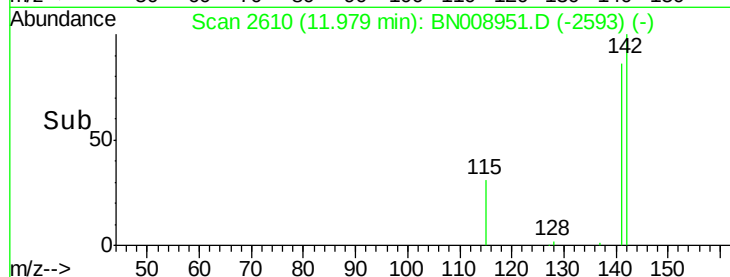
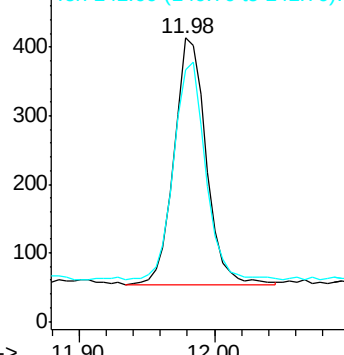
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#12

Phenanthrene

Concen: 0.113 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

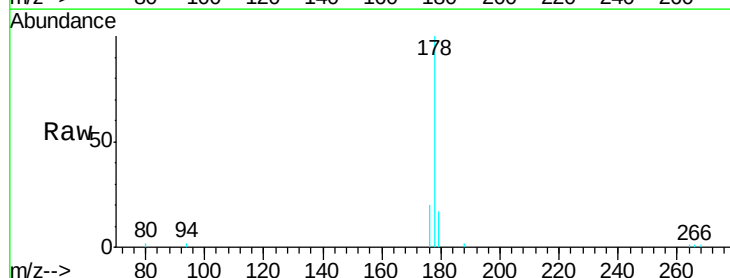
Tgt Ion:178 Resp: 6230

Ion Ratio Lower Upper

178 100

179 17.3 12.6 18.8

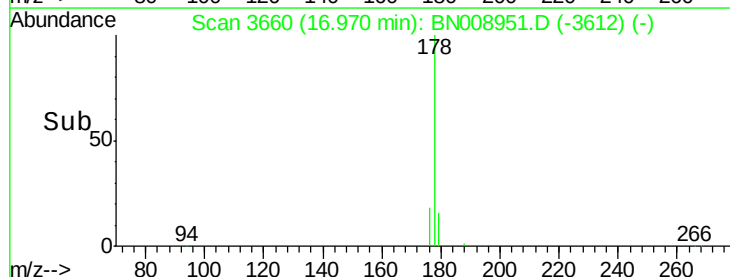
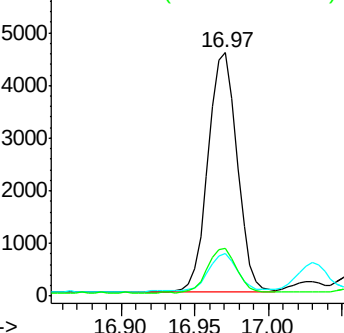
176 19.6 15.3 22.9

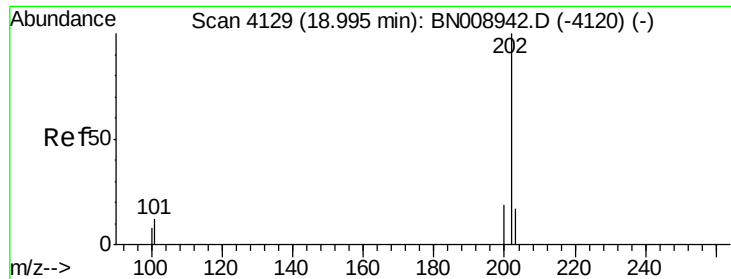


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.128 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

Instrument :

BNA_N

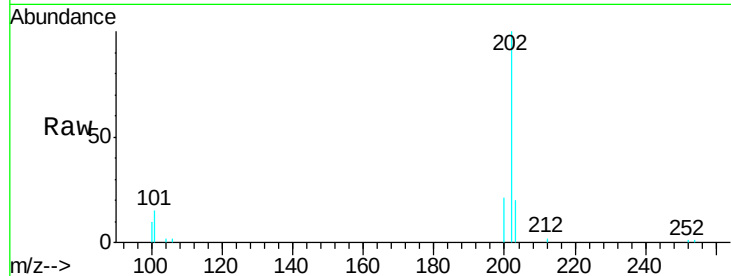
ClientSampleId :

C0BQ6

Tgt Ion:	202	Resp:	8706
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	32.4
100	10.4	0.0	29.2

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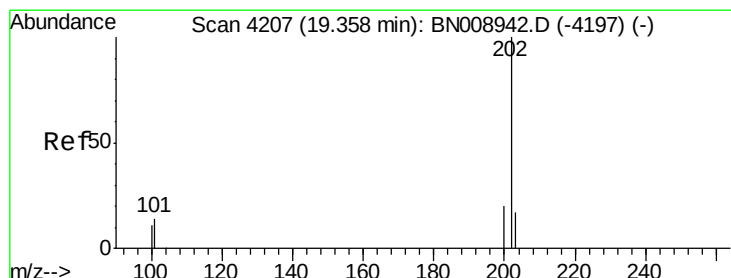
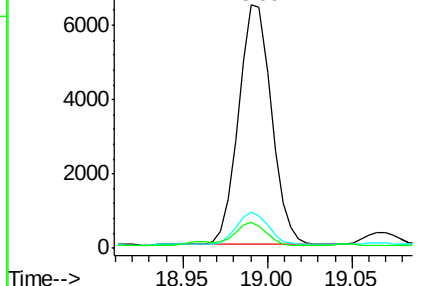
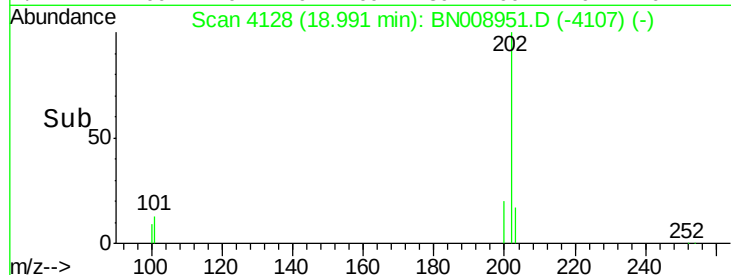
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.150 ng/ul m

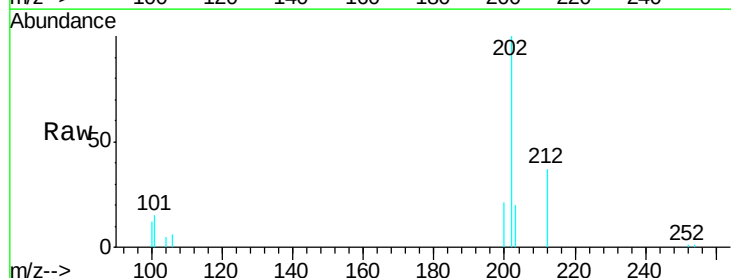
RT: 19.36 min Scan# 4207

Delta R.T. 0.00 min

Lab File: BN008951.D

Acq: 12 Dec 2019 18:28

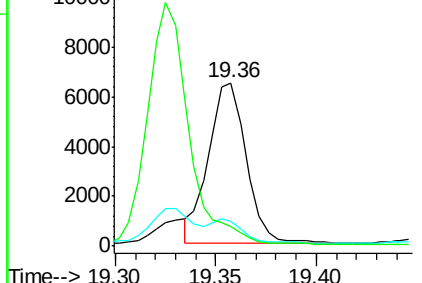
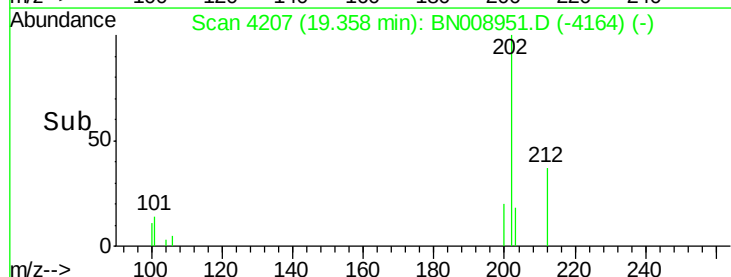
Tgt Ion:	202	Resp:	8537
Ion Ratio	Lower	Upper	
202	100		
101	15.2	12.2	18.4
100	11.9	9.5	14.3

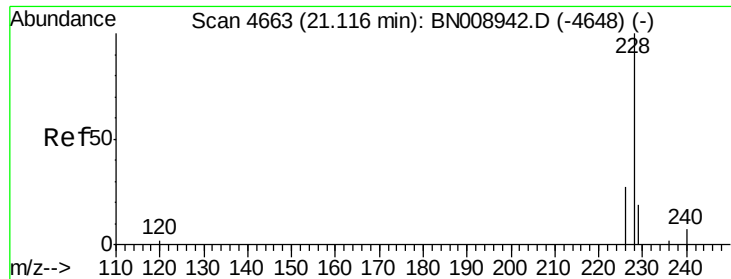


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





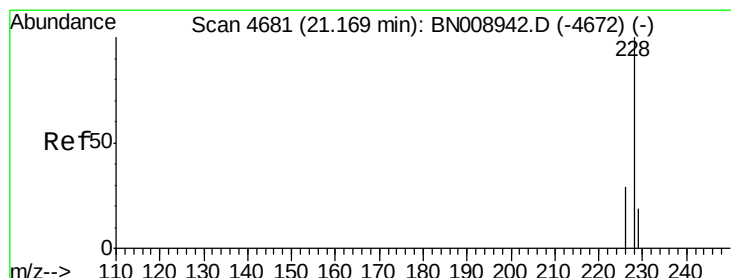
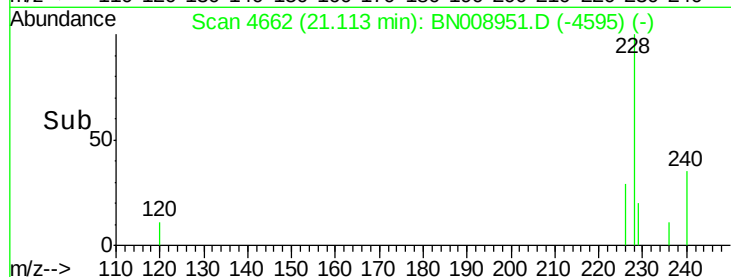
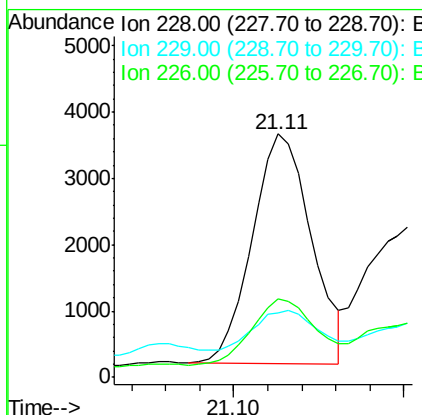
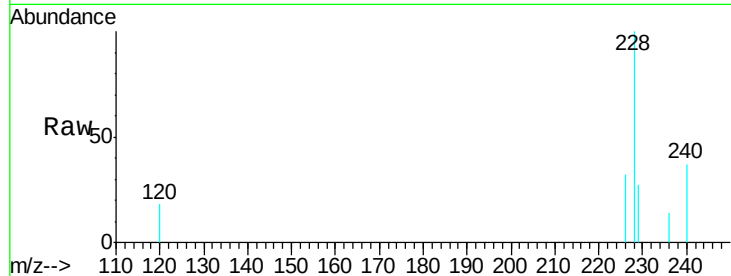
#18
Benzo(a)anthracene
Concen: 0.074 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.01 min
Lab File: BN008951.D
Acq: 12 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
C0BQ6

Tgt Ion	Ratio	Lower	Upper
228	100		
229	26.7	15.7	23.5#
226	32.4	21.5	32.3#

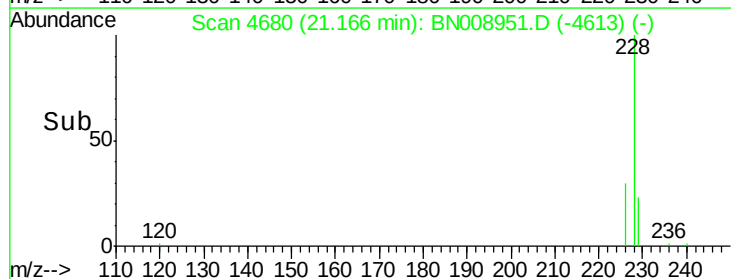
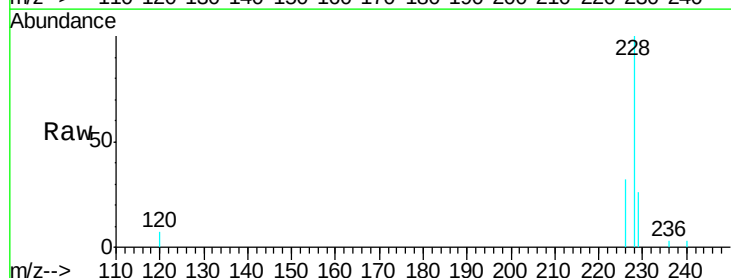
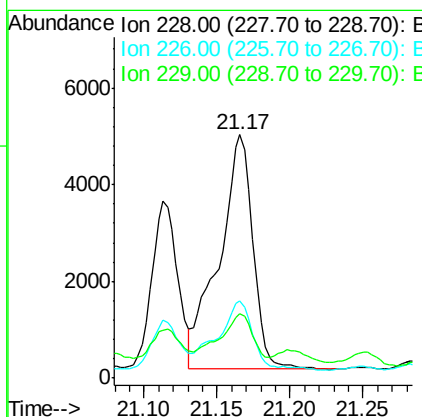
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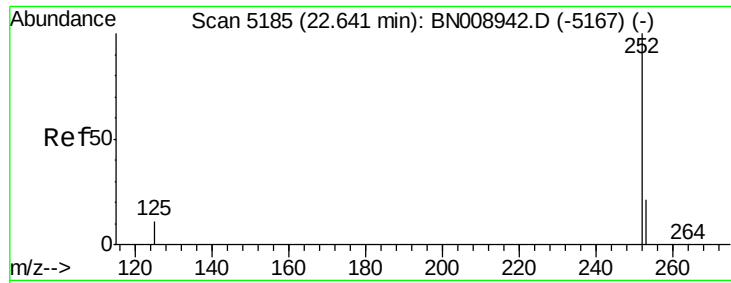
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#19
Chrysene
Concen: 0.140 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.01 min
Lab File: BN008951.D
Acq: 12 Dec 2019 18:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.8	35.6
229	26.3	15.6	23.4#





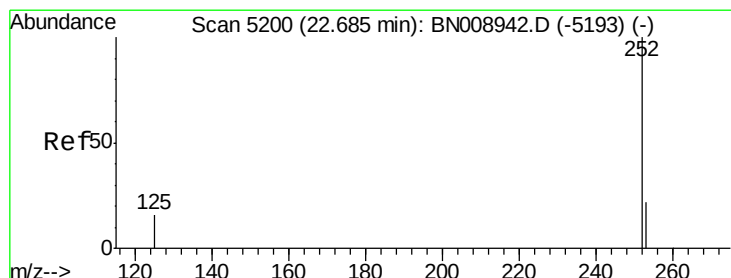
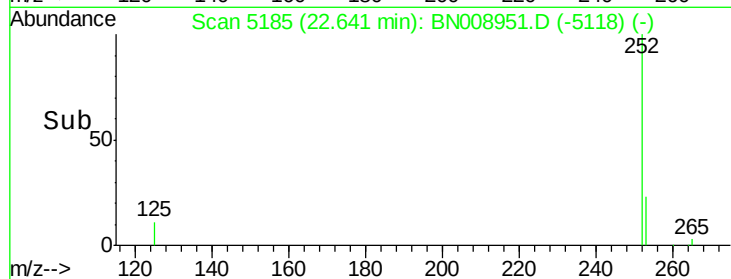
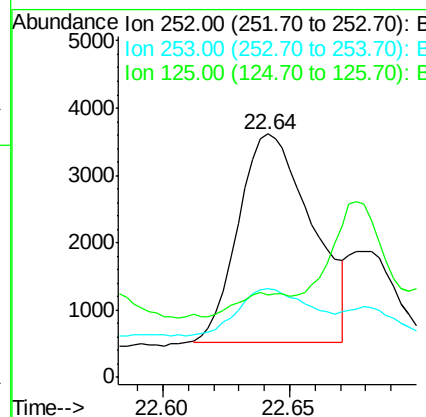
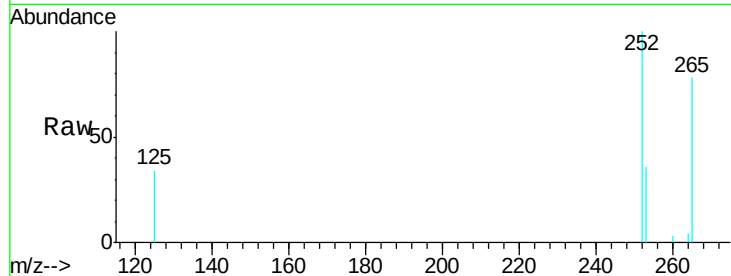
#21
Benzo(b)fluoranthene
Concen: 0.106 ng/ul m
RT: 22.64 min Scan# 5185
Delta R.T. -0.01 min
Lab File: BN008951.D
Acq: 12 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
C0BQ6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		6268
253	36.4	0.0	48.6
125	33.9	0.0	31.6#

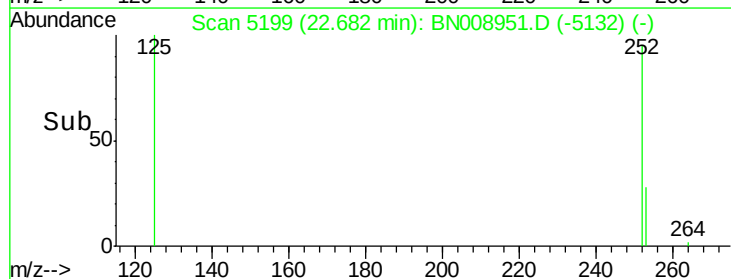
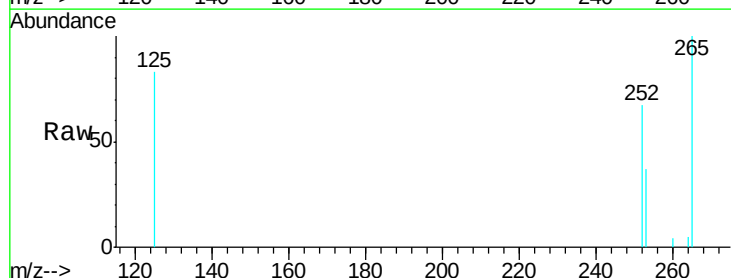
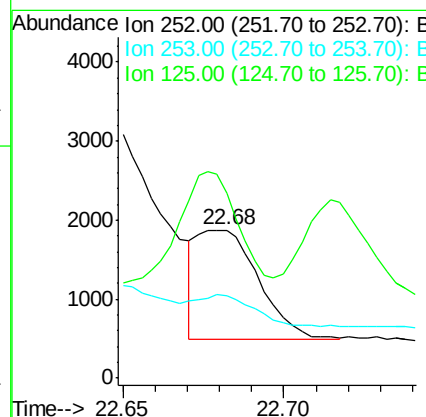
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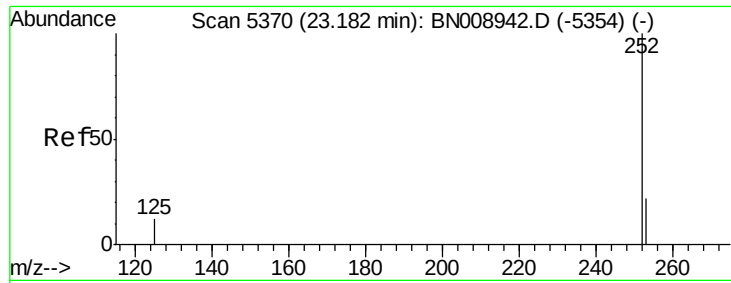
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#22
Benzo(k)fluoranthene
Concen: 0.031 ng/ul m
RT: 22.68 min Scan# 5199
Delta R.T. -0.01 min
Lab File: BN008951.D
Acq: 12 Dec 2019 18:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		1812
253	55.4	19.6	29.4#
125	124.5	13.8	20.6#





#23

Benzo(a)pyrene

Concen: 0.070 ng/ul

RT: 23.18 min Scan# 5370

Delta R.T. -0.01 min

Lab File: BN008951.D

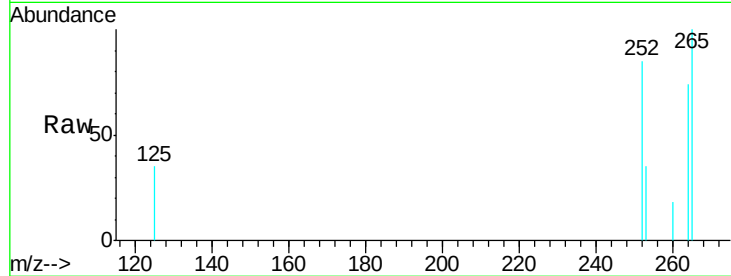
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Instrument :

BNA_N

ClientSampleId :

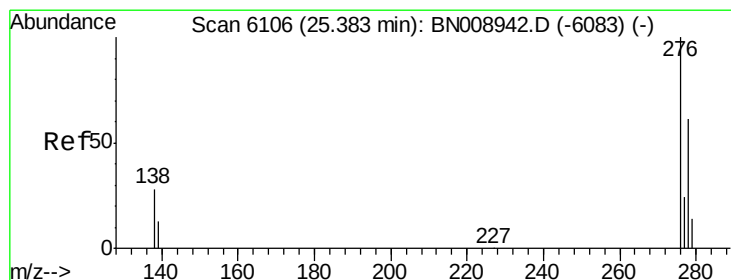
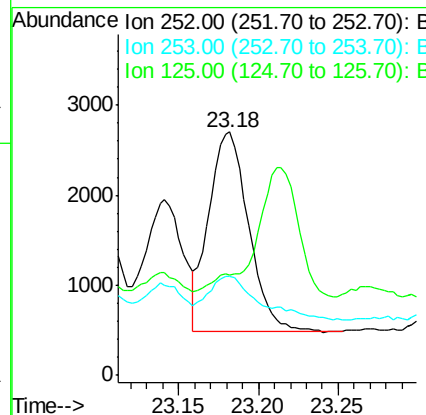
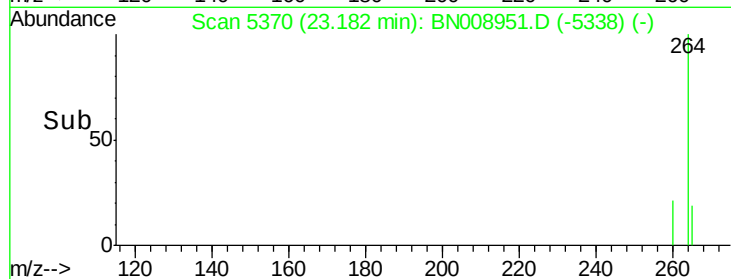
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.9	19.9	29.9#
125	41.2	14.6	22.0#

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#24

Indeno(1,2,3-cd)pyrene

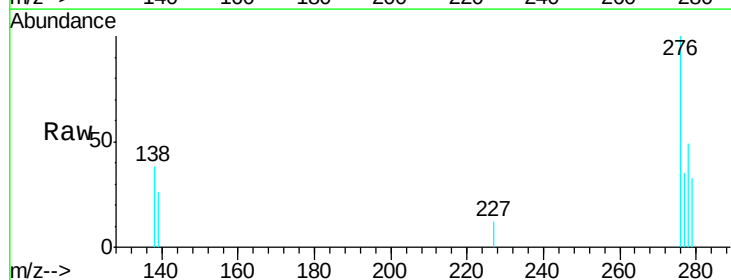
Concen: 0.041 ng/ul

RT: 25.38 min Scan# 6106

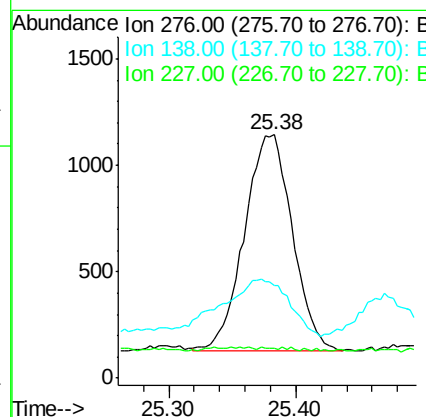
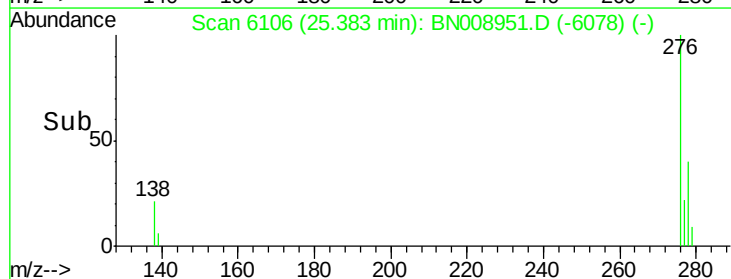
Delta R.T. -0.01 min

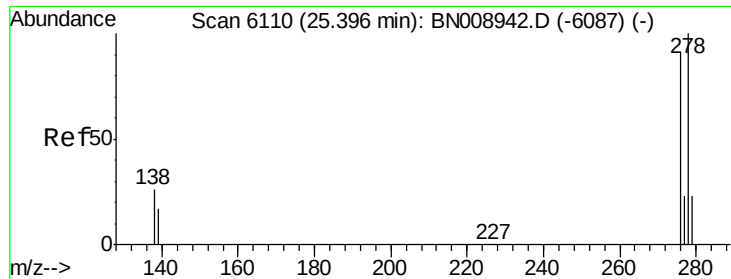
Lab File: BN008951.D

Acq: 12 Dec 2019 18:28



Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	23.8	35.6#
227	0.3	0.2	0.2#





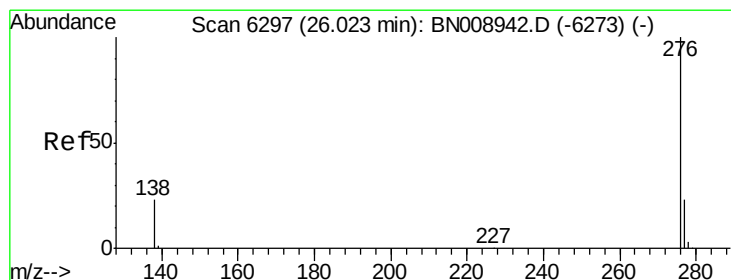
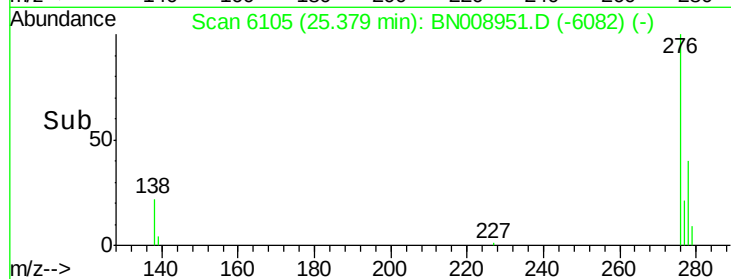
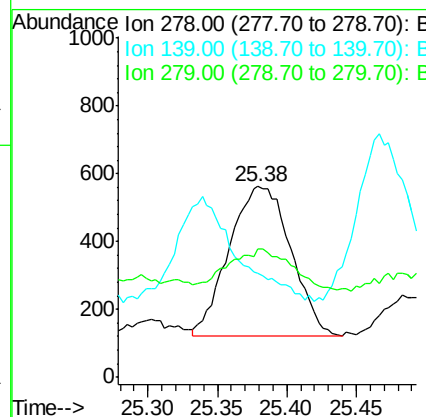
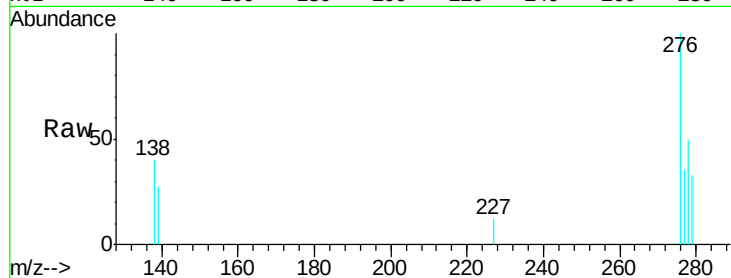
#25
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.02 min
Lab File: BN008951.D
Acq: 12 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
C0BQ6

Tgt Ion	Ratio	Lower	Upper
278	100		
139	54.3	17.4	26.0#
279	67.3	20.5	30.7#

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#26
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN008951.D
Acq: 12 Dec 2019 18:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.0	21.9	32.9#
277	32.3	19.9	29.9#

