

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
 Data File : BN008944.D
 Acq On : 12 Dec 2019 14:17
 Operator : JU
 Sample : K6089-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BP8

Manual Integrations
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mohammad
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Quant Time: Dec 12 15:13:40 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	2213	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	9547	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	6116	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	14209m	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	12617	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	13343	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3344	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9825	0.23	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.36	128	588	0.020	ng/ul#	72
7) Acenaphthylene	13.90	152	1926	0.057	ng/ul#	91
12) Phenanthrene	16.97	178	7135	0.149	ng/ul	98
13) Anthracene	17.06	178	1625	0.036	ng/ul#	89
15) Fluoranthene	18.99	202	25497	0.433	ng/ul	98
17) Pyrene	19.36	202	24620	0.486	ng/ul	98
18) Benzo(a)anthracene	21.12	228	11254	0.222	ng/ul	97
19) Chrysene	21.17	228	11946	0.240	ng/ul	98
21) Benzo(b)fluoranthene	22.64	252	17494m	0.318	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	7405m	0.136	ng/ul	
23) Benzo(a)pyrene	23.19	252	12384	0.240	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.38	276	8429	0.140	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.38	278	1863	0.038	ng/ul#	63
26) Benzo(g,h,i)perylene	26.02	276	8264	0.164	ng/ul	98

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

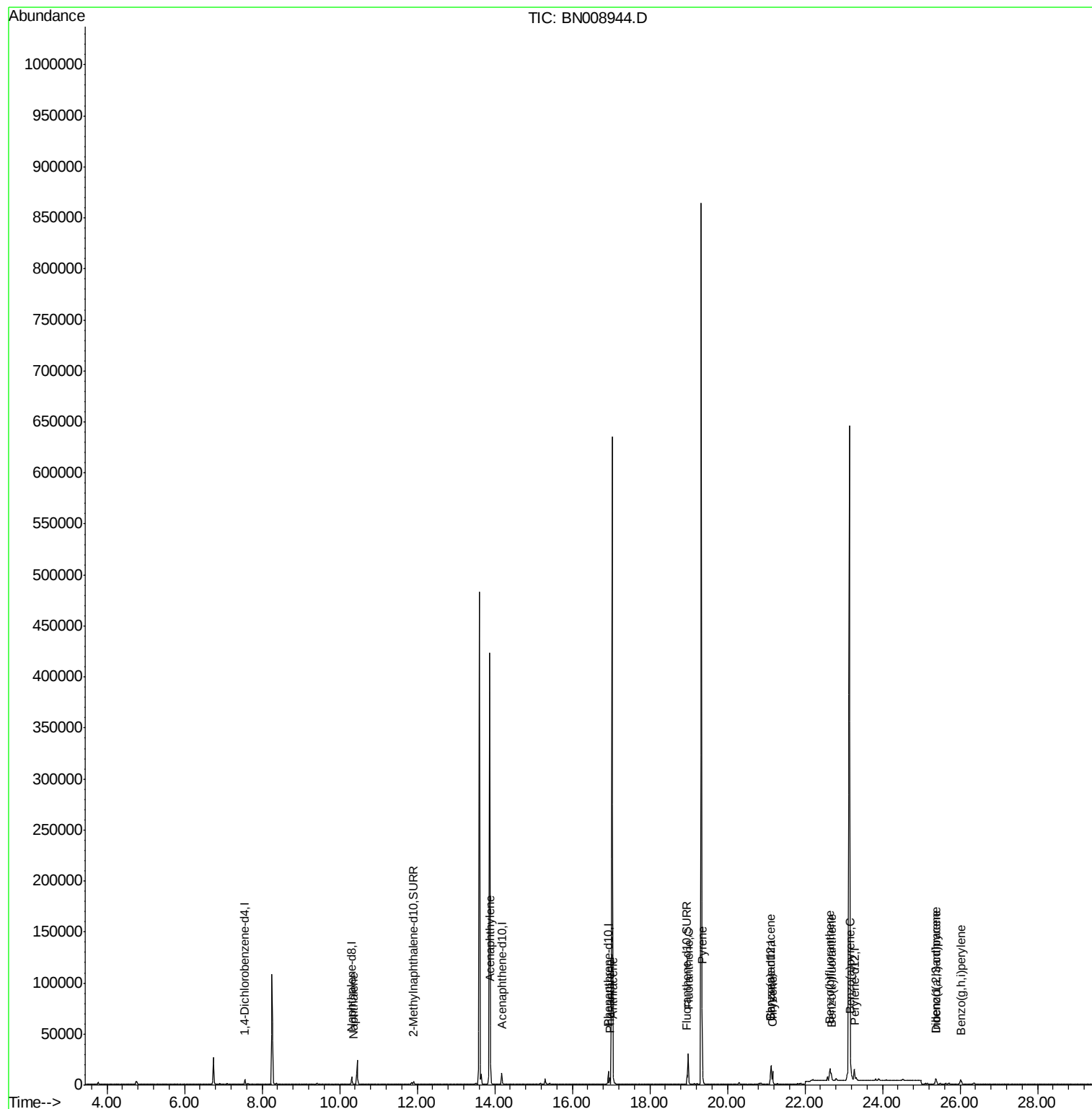
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
Data File : BN008944.D
Acq On : 12 Dec 2019 14:17
Operator : JU
Sample : K6089-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

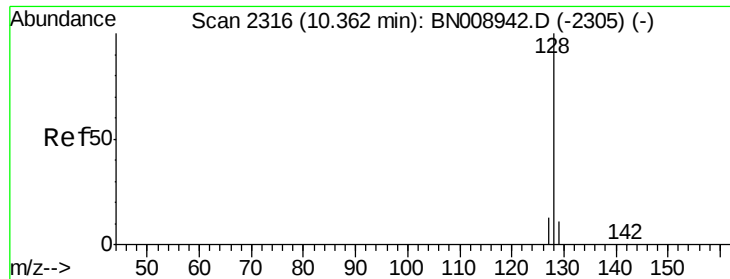
Instrument :
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Quant Time: Dec 12 15:13:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.020 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BN008944.D

Acq: 12 Dec 2019 14:17

Instrument :

BNA_N

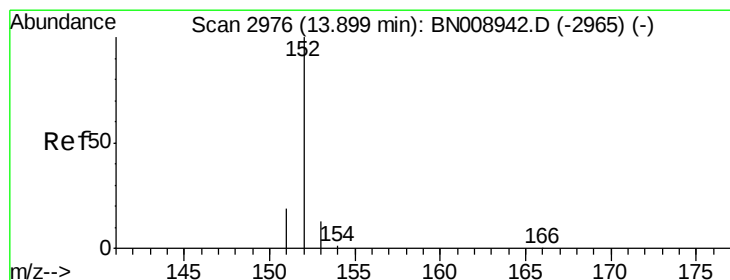
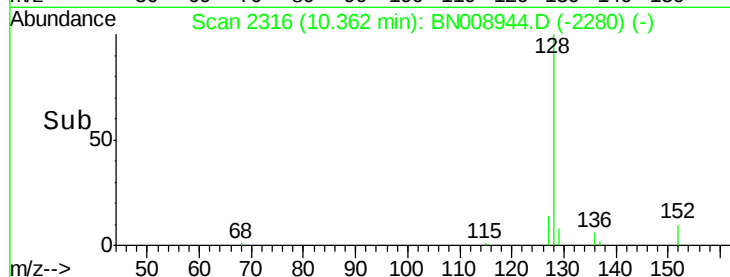
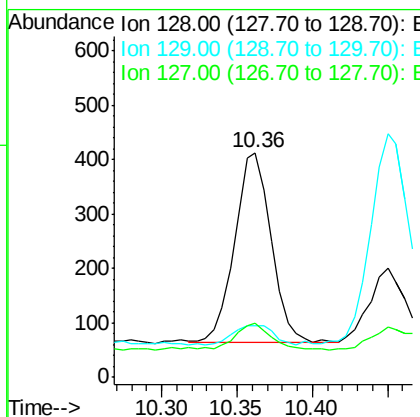
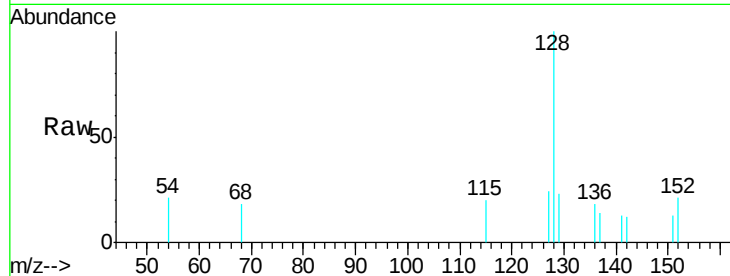
ClientSampled :

C0BP8

Tgt Ion:	128	Resp:	588
Ion Ratio	Lower	Upper	
128	100		
129	23.2	9.1	13.7#
127	24.0	10.7	16.1#

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#7

Acenaphthylene

Concen: 0.057 ng/ul

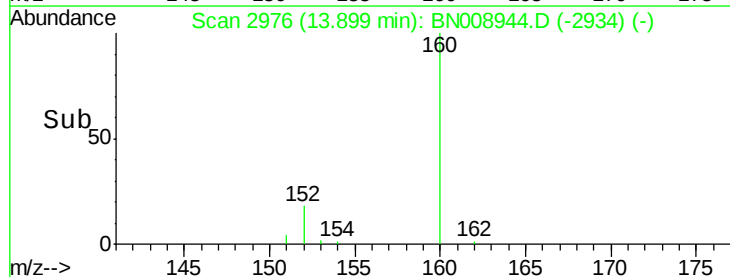
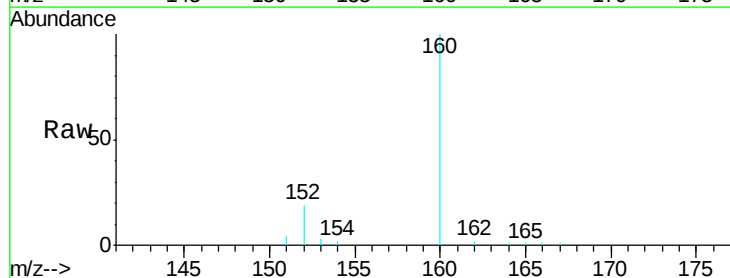
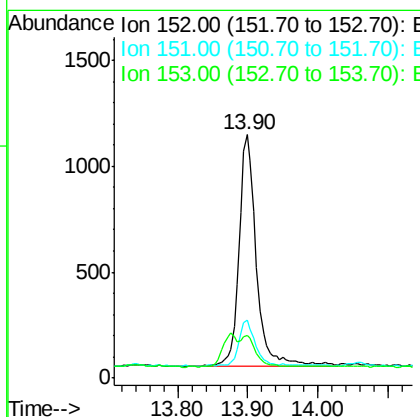
RT: 13.90 min Scan# 2976

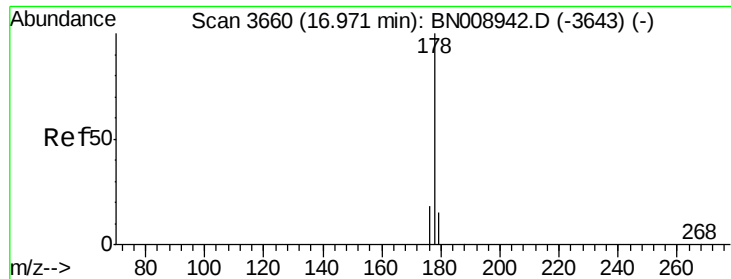
Delta R.T. -0.00 min

Lab File: BN008944.D

Acq: 12 Dec 2019 14:17

Tgt Ion:	152	Resp:	1926
Ion Ratio	Lower	Upper	
152	100		
151	23.6	15.8	23.6
153	17.5	10.6	15.8#





#12

Phenanthrene

Concen: 0.149 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008944.D

Acq: 12 Dec 2019 14:17

Instrument :

BNA_N

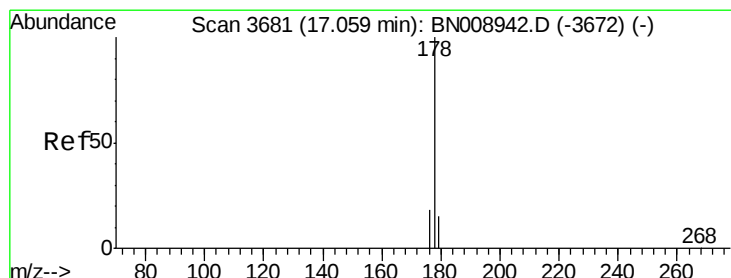
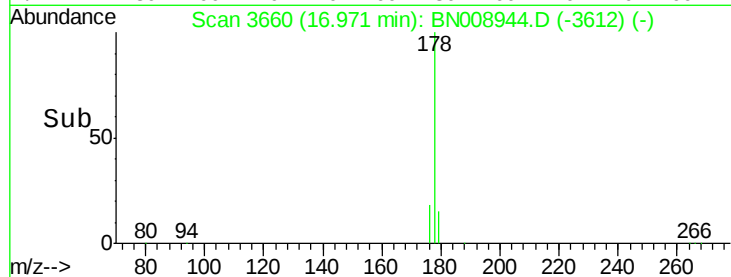
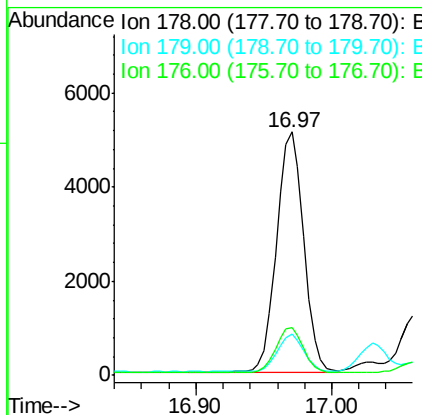
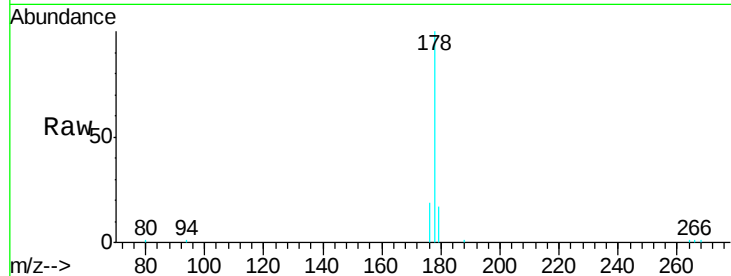
ClientSampleId :

C0BP8

Tgt Ion:	178	Resp:	7135
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.6	18.8
176	19.4	15.3	22.9

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#13

Anthracene

Concen: 0.036 ng/ul

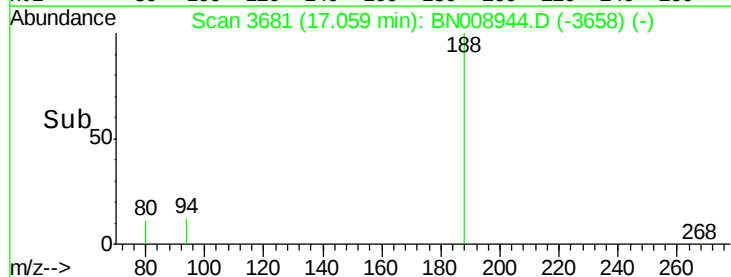
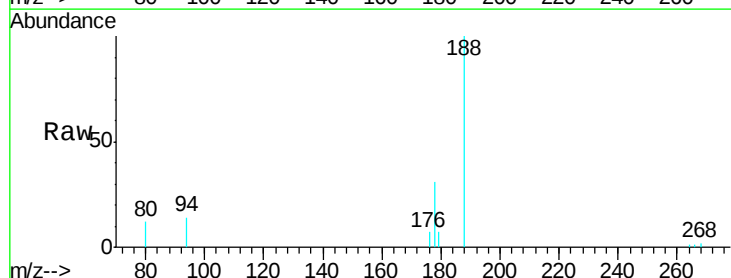
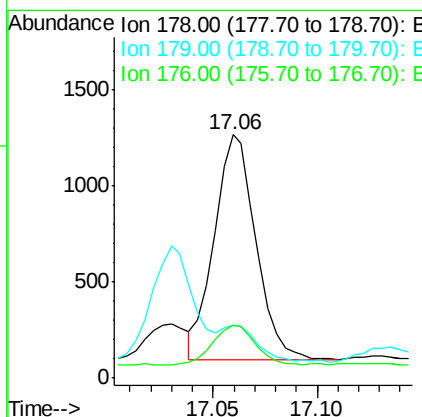
RT: 17.06 min Scan# 3681

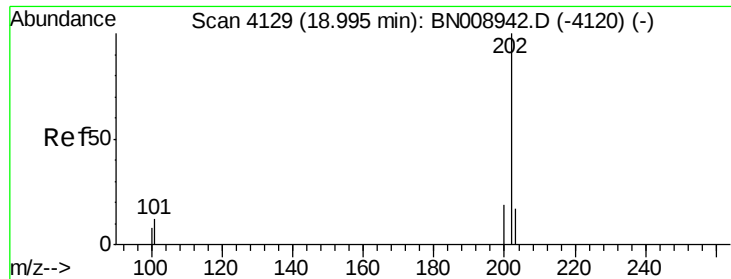
Delta R.T. -0.00 min

Lab File: BN008944.D

Acq: 12 Dec 2019 14:17

Tgt Ion:	178	Resp:	1625
Ion Ratio	Lower	Upper	
178	100		
179	21.8	12.2	18.4#
176	21.9	14.7	22.1





#15

Fluoranthene

Concen: 0.433 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008944.D

Acq: 12 Dec 2019 14:17

Instrument :

BNA_N

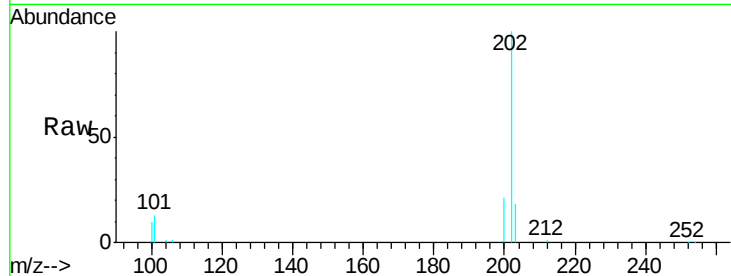
ClientSampleId :

C0BP8

Tgt Ion:	202	Resp:	25497
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	32.4
100	10.0	0.0	29.2

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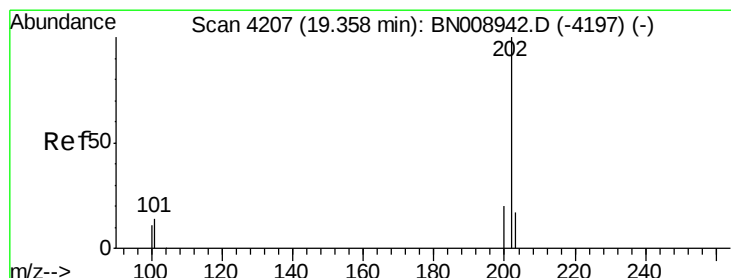
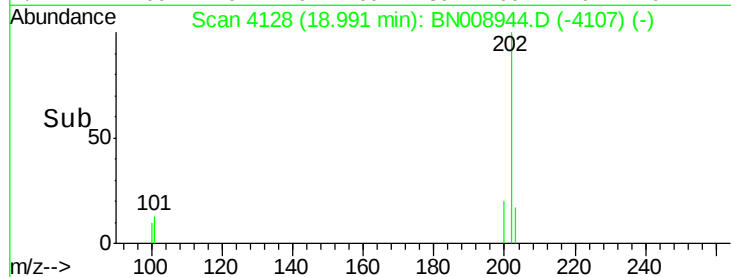
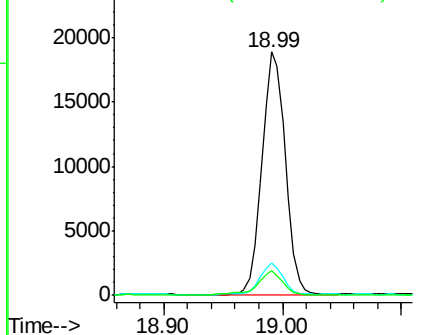
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.486 ng/ul

RT: 19.36 min Scan# 4207

Delta R.T. 0.00 min

Lab File: BN008944.D

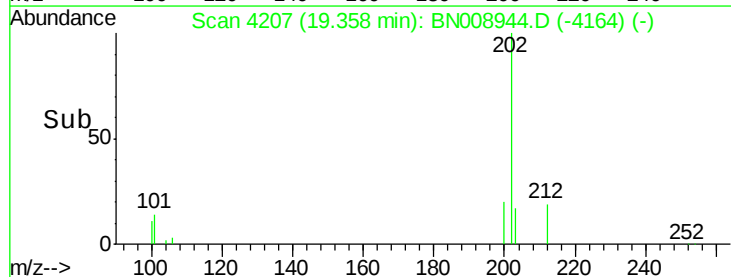
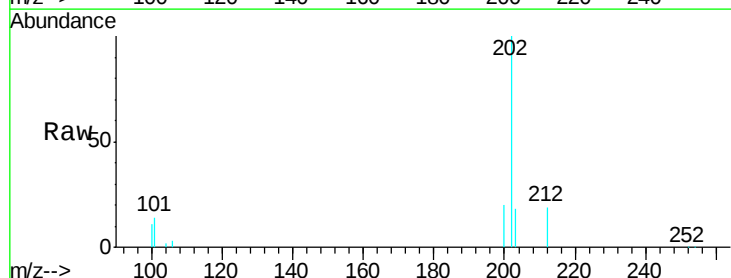
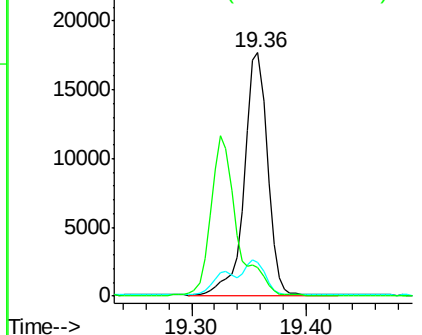
Acq: 12 Dec 2019 14:17

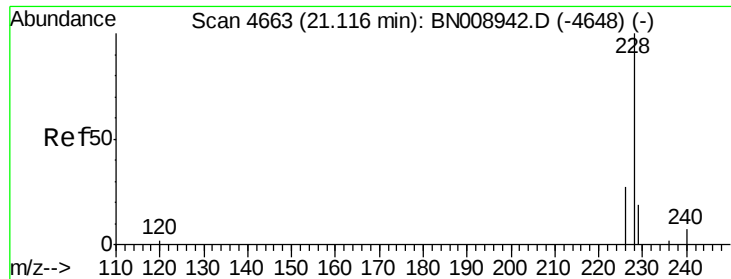
Tgt Ion:	202	Resp:	24620
Ion Ratio	Lower	Upper	
202	100		
101	14.0	12.2	18.4
100	11.5	9.5	14.3

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





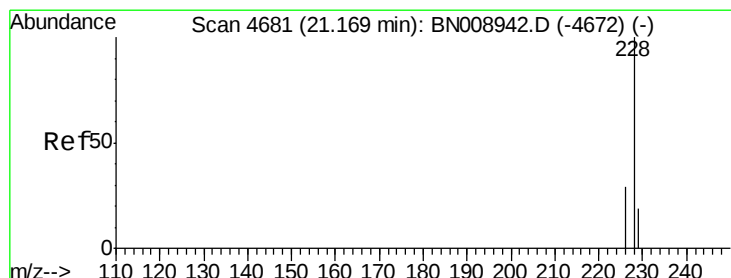
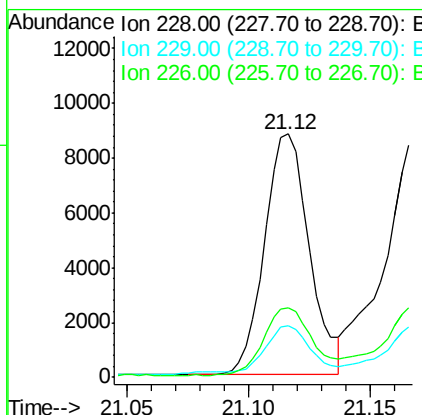
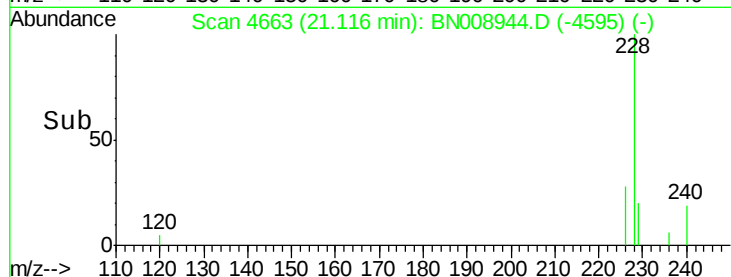
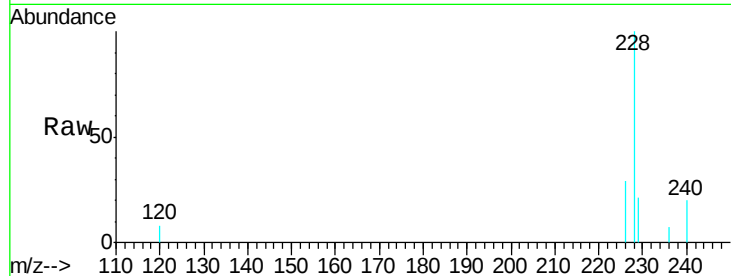
#18
Benzo(a)anthracene
Concen: 0.222 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008944.D
Acq: 12 Dec 2019 14:17

Instrument :
BNA_N
ClientSampleId :
C0BP8

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	28.7	21.5	32.3

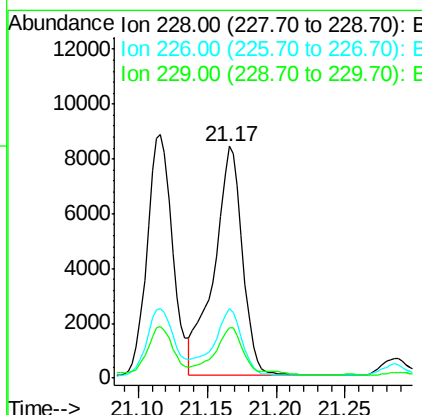
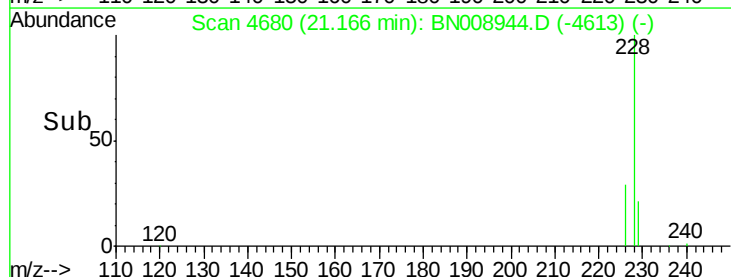
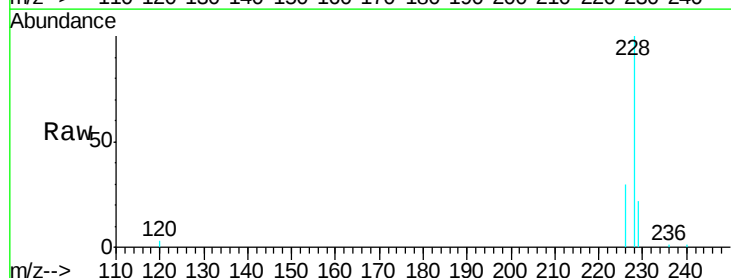
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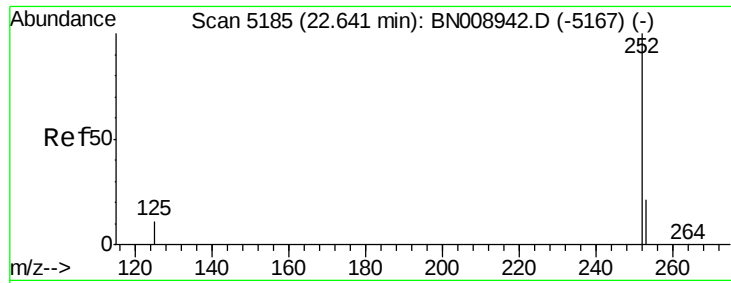
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#19
Chrysene
Concen: 0.240 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.00 min
Lab File: BN008944.D
Acq: 12 Dec 2019 14:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	21.6	15.6	23.4





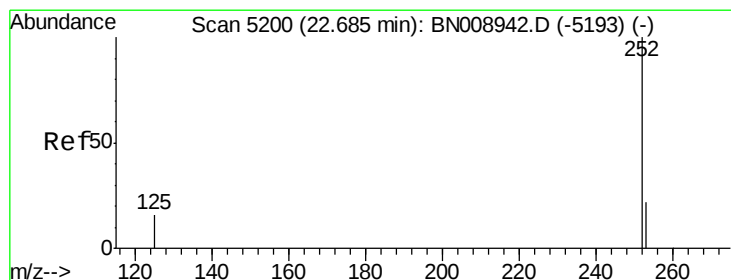
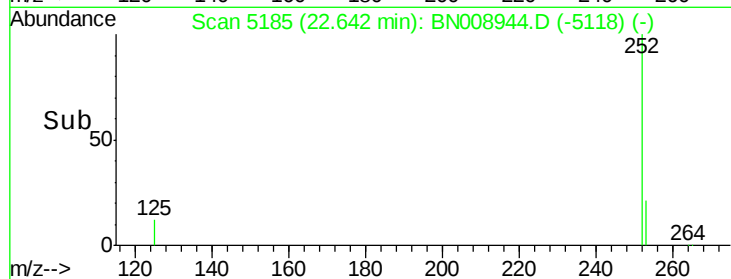
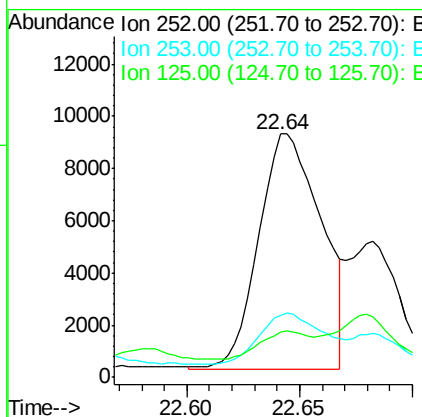
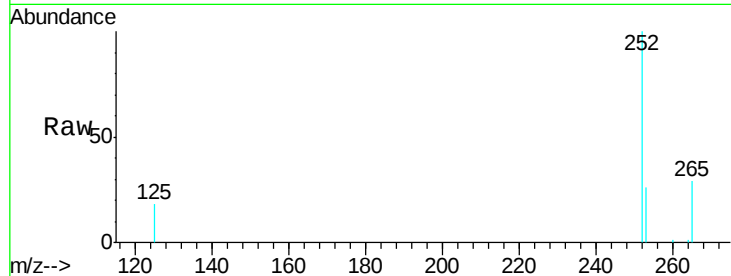
#21
Benzo(b)fluoranthene
Concen: 0.318 ng/ul m
RT: 22.64 min Scan# 5185
Delta R.T. -0.00 min
Lab File: BN008944.D
Acq: 12 Dec 2019 14:17

Instrument :
BNA_N
ClientSampleId :
C0BP8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	48.6
125	18.4	0.0	31.6

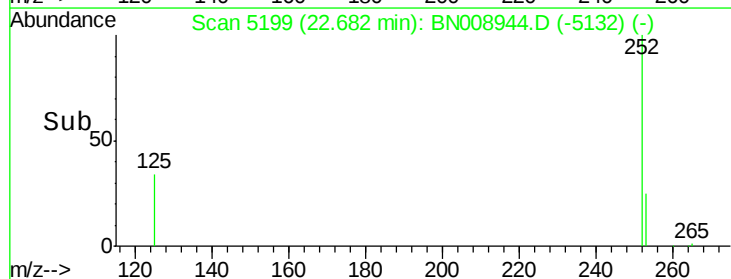
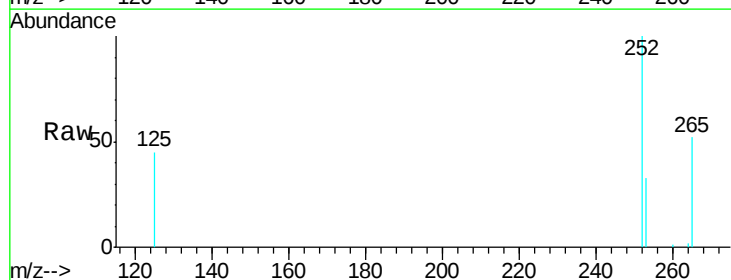
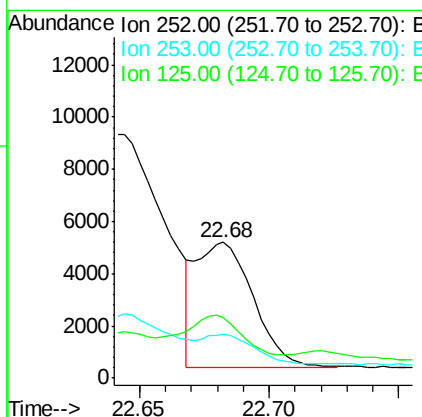
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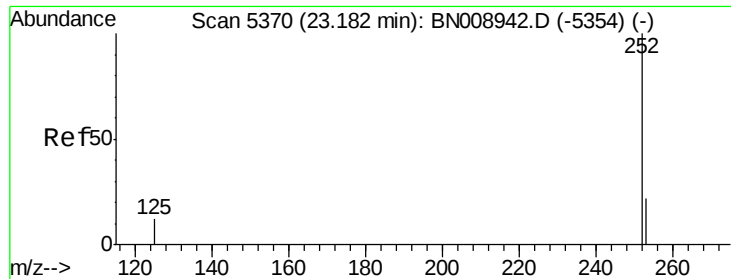
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#22
Benzo(k)fluoranthene
Concen: 0.136 ng/ul m
RT: 22.68 min Scan# 5199
Delta R.T. -0.00 min
Lab File: BN008944.D
Acq: 12 Dec 2019 14:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.6	19.6	29.4#
125	44.9	13.8	20.6#





#23

Benzo(a)pyrene

Concen: 0.240 ng/ul

RT: 23.19 min Scan# 5371

Delta R.T. -0.00 min

Lab File: BN008944.D

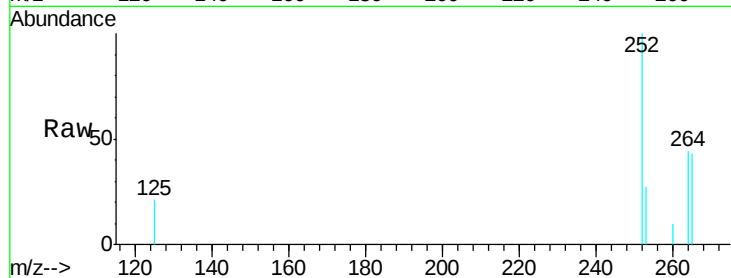
Acq: 12 Dec 2019 14:17

Instrument :

BNA_N

ClientSampleId :

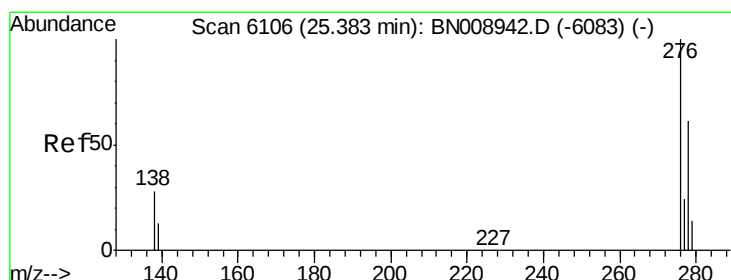
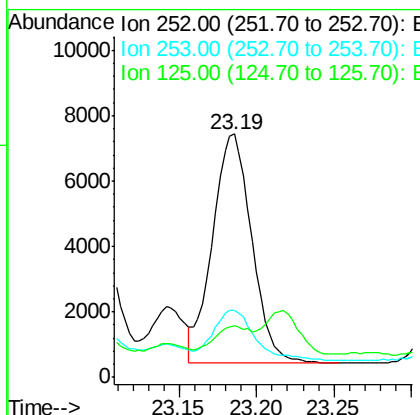
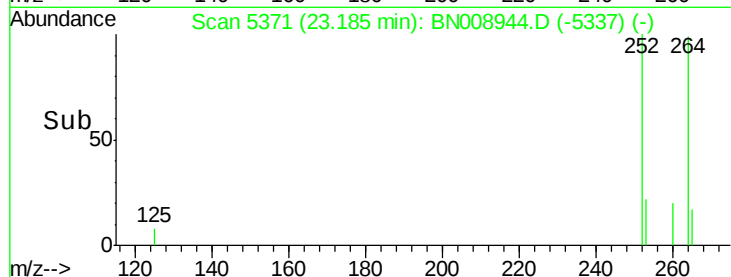
C0BP8



Tgt Ion:	252	Resp:	12384
Ion Ratio	Lower	Upper	
252	100		
253	27.4	19.9	29.9
125	21.4	14.6	22.0

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.140 ng/ul

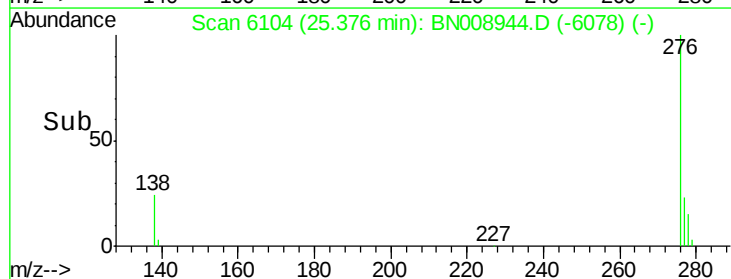
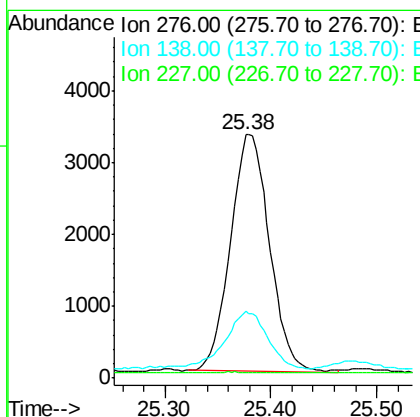
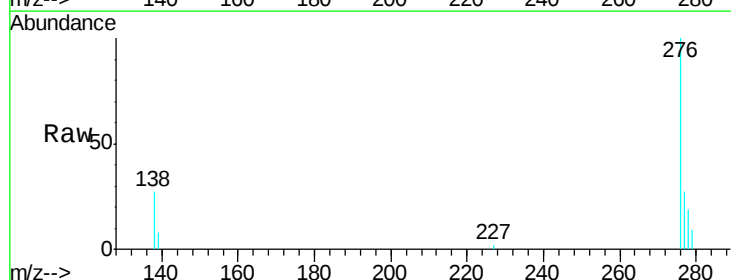
RT: 25.38 min Scan# 6104

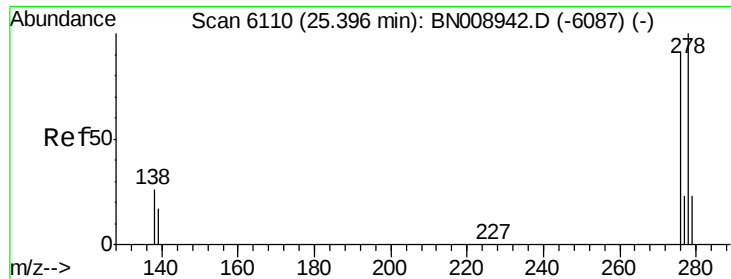
Delta R.T. -0.01 min

Lab File: BN008944.D

Acq: 12 Dec 2019 14:17

Tgt Ion:	276	Resp:	8429
Ion Ratio	Lower	Upper	
276	100		
138	26.3	23.8	35.6
227	0.1	0.2	0.2#





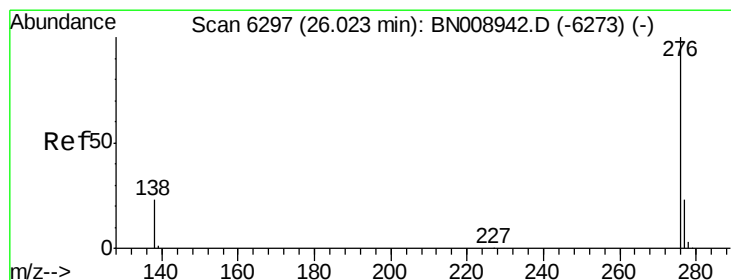
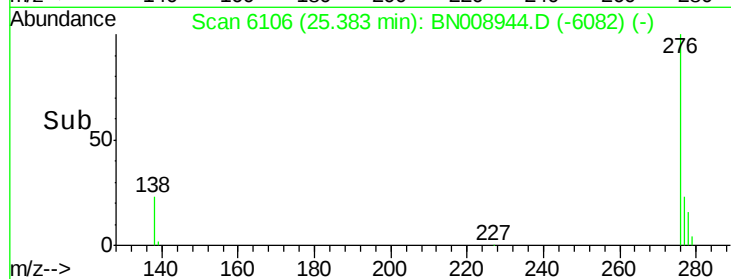
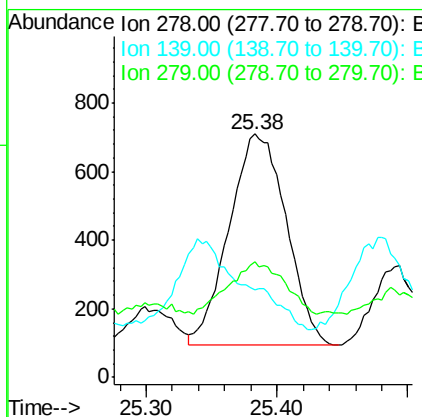
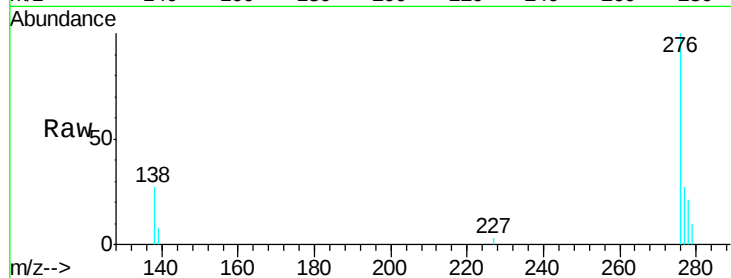
#25
Dibenzo(a,h)anthracene
Concen: 0.038 ng/u1
RT: 25.38 min Scan# 6106
Delta R.T. -0.02 min
Lab File: BN008944.D
Acq: 12 Dec 2019 14:17

Instrument :
BNA_N
ClientSampleId :
C0BP8

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.1	17.4	26.0#
279	47.5	20.5	30.7#

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#26
Benzo(g,h,i)perylene
Concen: 0.164 ng/u1
RT: 26.02 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN008944.D
Acq: 12 Dec 2019 14:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.9	32.9
277	25.9	19.9	29.9

