

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008910.D
 Acq On : 11 Dec 2019 10:46
 Operator : JU
 Sample : K6007-15DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BM1DL

Manual Integrations
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mohammad
 12/12/2019 11:26:44 AM

Quant Time: Dec 11 12:18:14 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	2344	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	9522	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6325	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	14499	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	12661	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	13244	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	634	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	1985	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	1506	0.052	ng/ul#	89
5) 2-Methylnaphthalene	11.99	142	1525	0.076	ng/ul	97
7) Acenaphthylene	13.90	152	3356	0.096	ng/ul	96
12) Phenanthrene	16.97	178	9362	0.191	ng/ul	99
13) Anthracene	17.06	178	2539	0.055	ng/ul#	93
15) Fluoranthene	19.00	202	27880	0.464	ng/ul	99
17) Pyrene	19.36	202	27008	0.532	ng/ul	98
18) Benzo(a)anthracene	21.12	228	17028	0.334	ng/ul	97
19) Chrysene	21.17	228	21008	0.420	ng/ul	97
21) Benzo(b)fluoranthene	22.65	252	28880m	0.529	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	9390m	0.173	ng/ul	
23) Benzo(a)pyrene	23.19	252	14649	0.286	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.39	276	10316	0.172	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.39	278	2906	0.060	ng/ul#	75
26) Benzo(g,h,i)perylene	26.03	276	9054	0.181	ng/ul	99

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

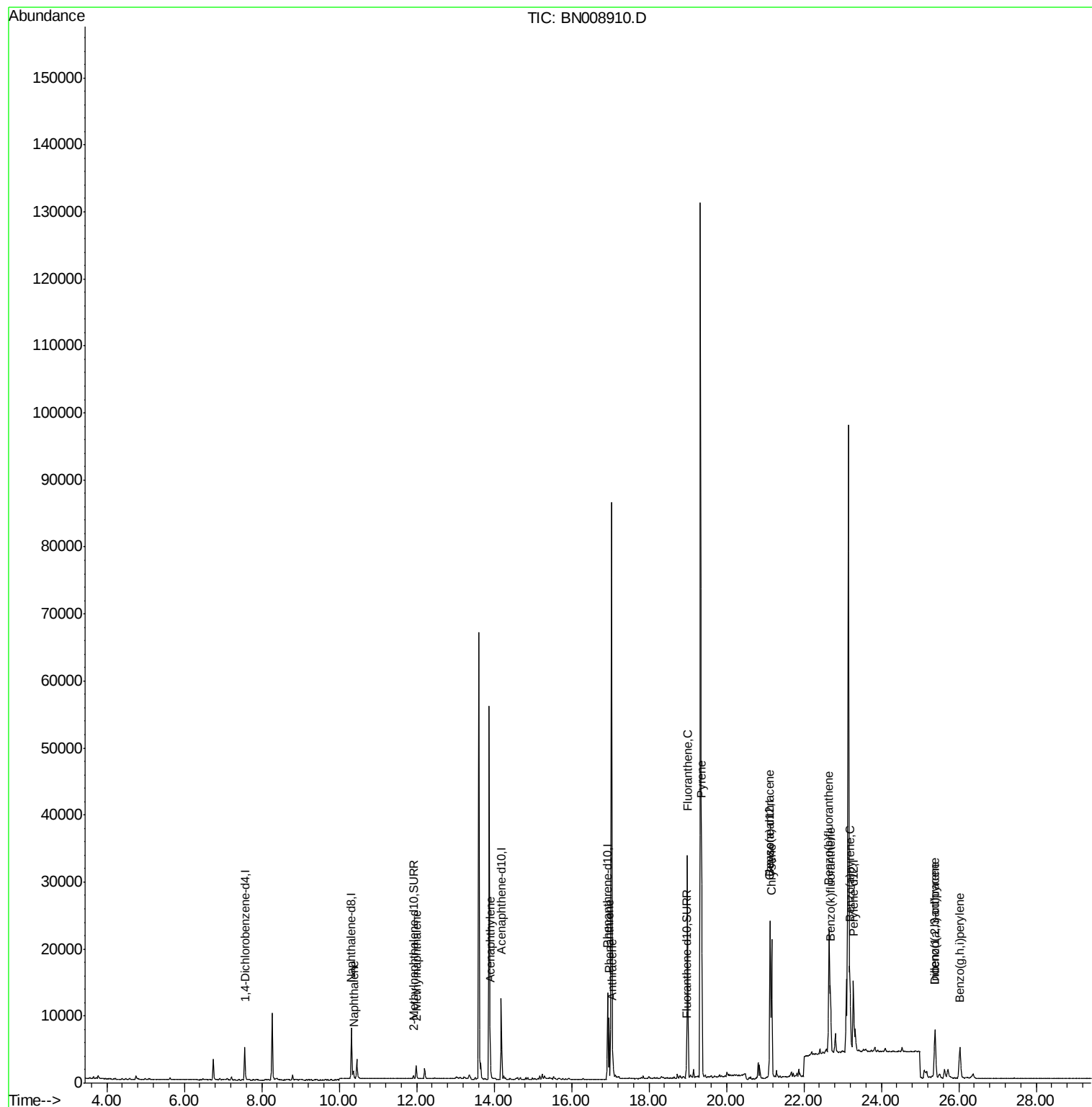
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008910.D
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Sample : K6007-15DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

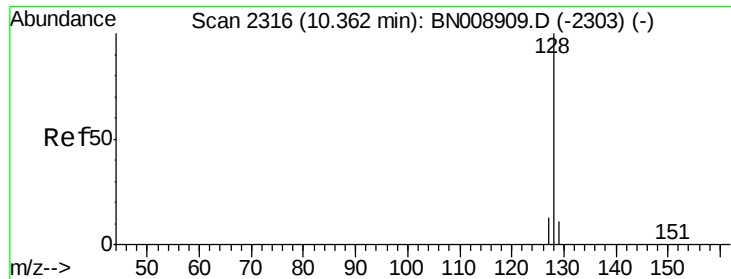
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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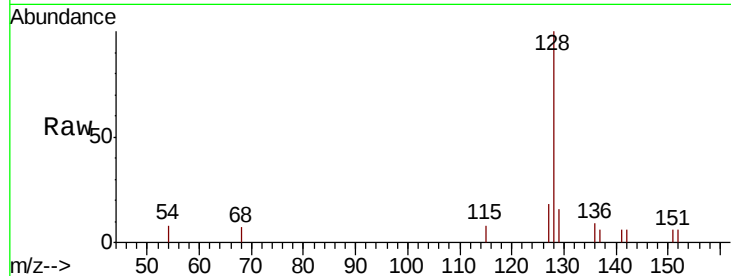
#3
Naphthalene
Concen: 0.052 ng/ul
RT: 10.37 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BN008910.D
Acq: 11 Dec 2019 10:46

Instrument :
BNA_N
ClientSampleId :
C0BM1DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.8	9.1	13.7#
127	17.6	10.7	16.1#

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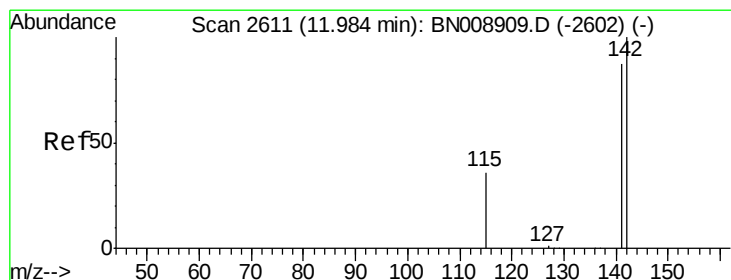
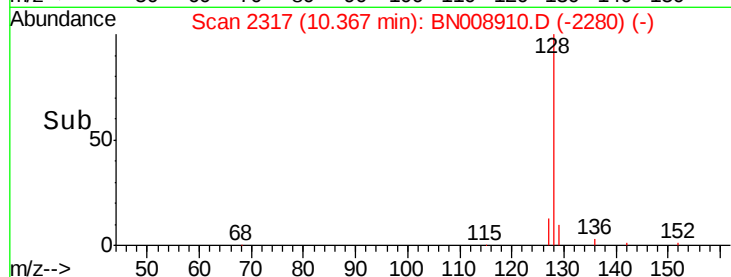
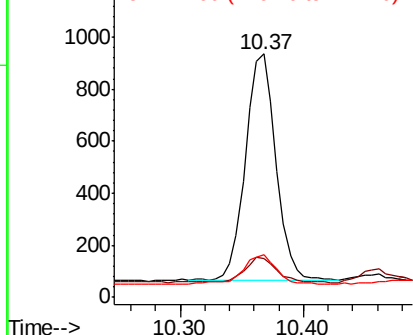


Abundance

Ion 128.00 (127.70 to 128.70): E

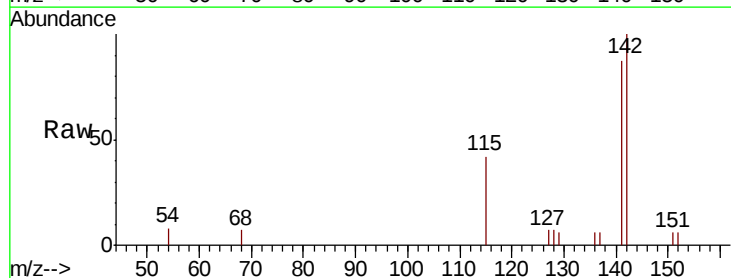
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5
2-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 11.99 min Scan# 2612
Delta R.T. 0.01 min
Lab File: BN008910.D
Acq: 11 Dec 2019 10:46

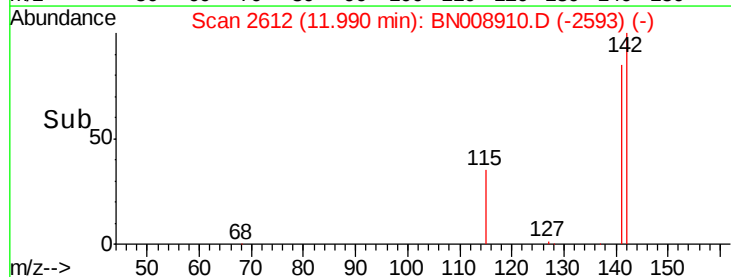
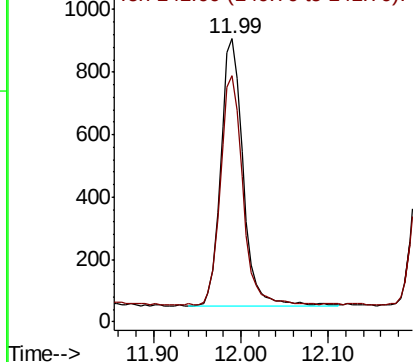
Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.2	70.1	105.1

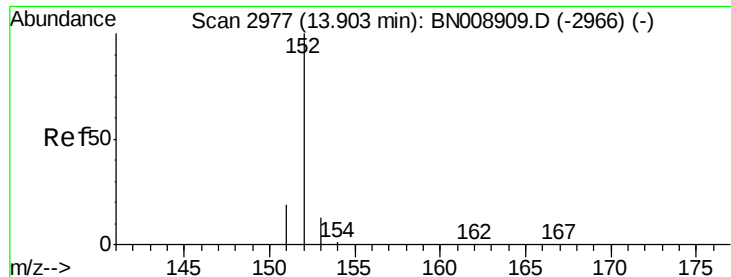


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.096 ng/ul

RT: 13.90 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BN008910.D

Acq: 11 Dec 2019 10:46

Instrument :

BNA_N

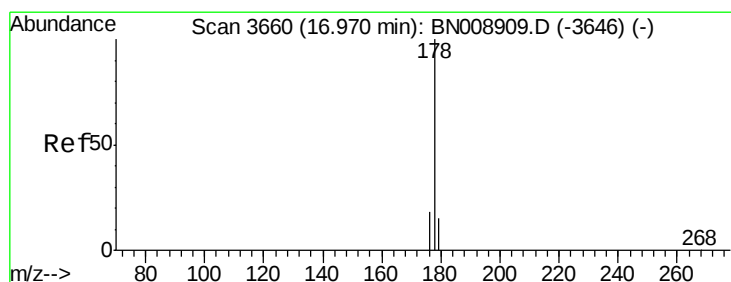
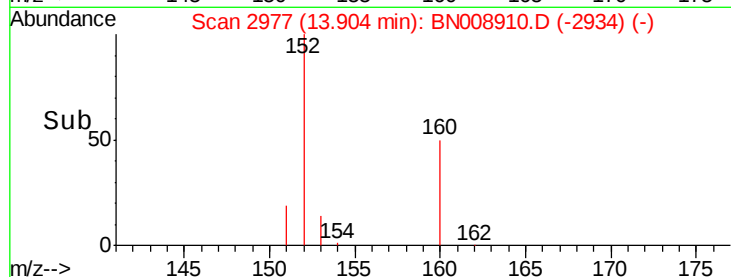
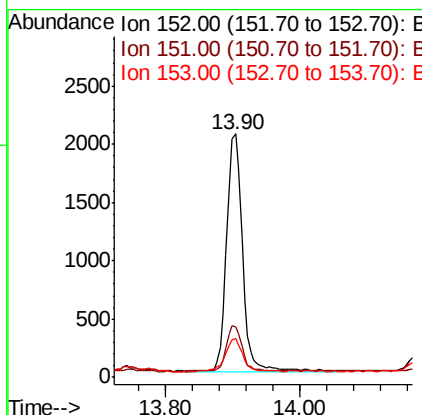
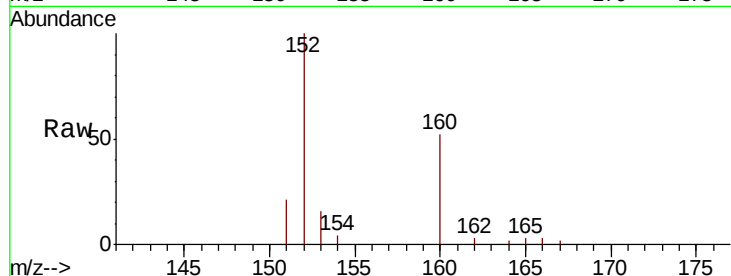
ClientSampleId :

C0BM1DL

Tot Ion:	152	Resp:	3356
Ion Ratio	Lower	Upper	
152	100		
151	20.8	15.8	23.6
153	15.8	10.6	15.8

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#12

Phenanthrene

Concen: 0.191 ng/ul

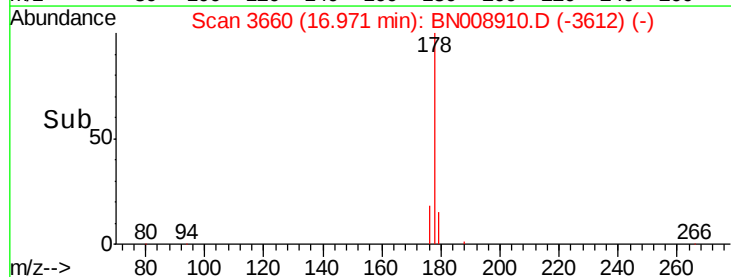
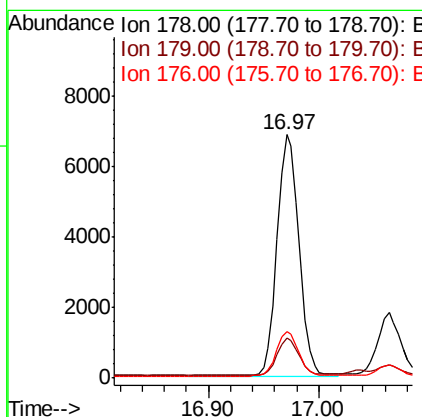
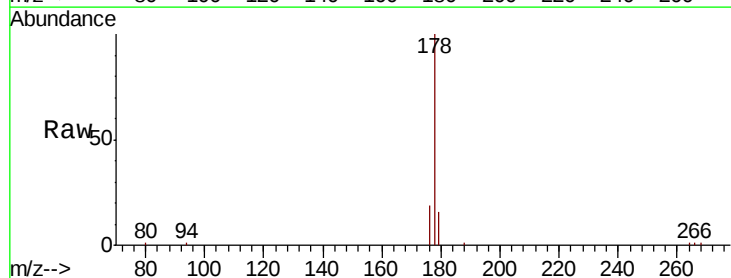
RT: 16.97 min Scan# 3660

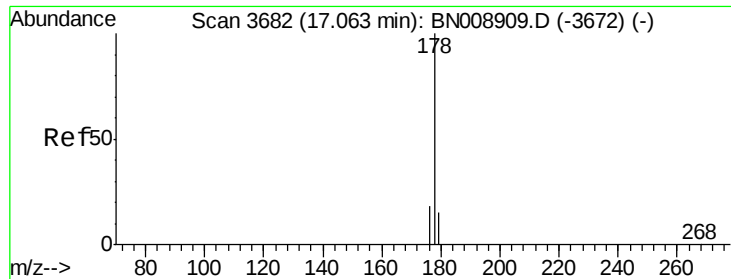
Delta R.T. 0.00 min

Lab File: BN008910.D

Acq: 11 Dec 2019 10:46

Tgt Ion:	178	Resp:	9362
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	18.8
176	19.1	15.3	22.9





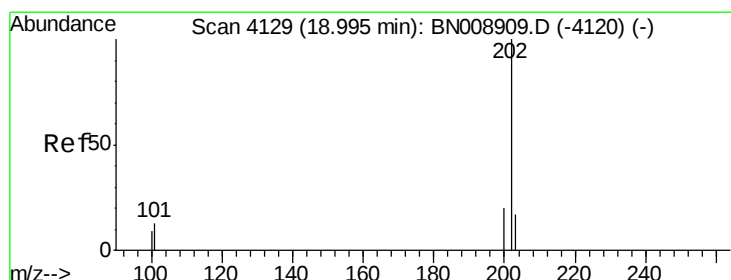
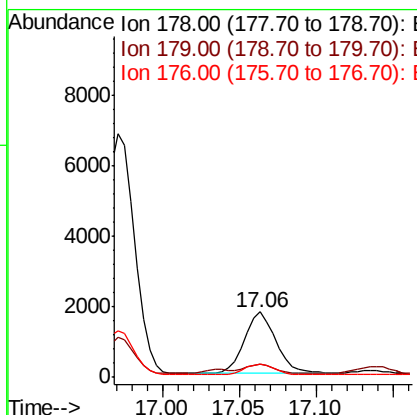
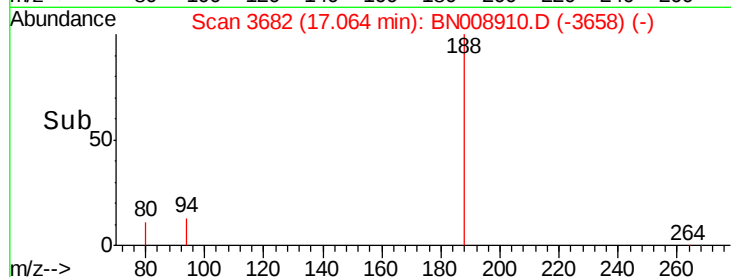
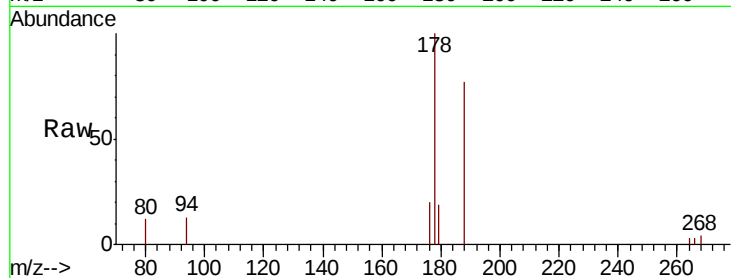
#13
 Anthracene
 Concen: 0.055 ng/ul
 RT: 17.06 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: BN008910.D
 Acq: 11 Dec 2019 10:46

Instrument :
 BNA_N
 ClientSampleId :
 C0BM1DL

Tot Ion:178 Resp: 2539
 Ion Ratio Lower Upper
 178 100
 179 19.4 12.2 18.4#
 176 20.2 14.7 22.1

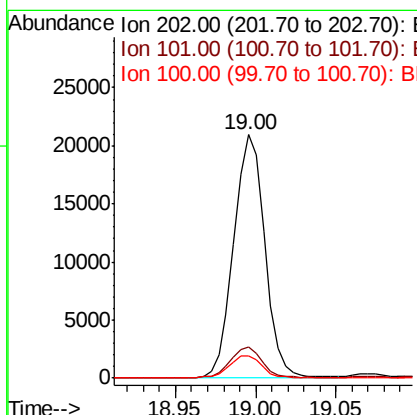
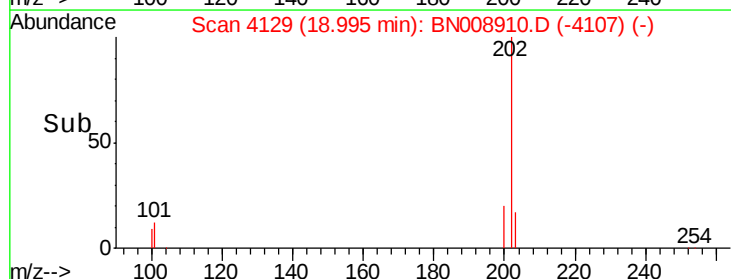
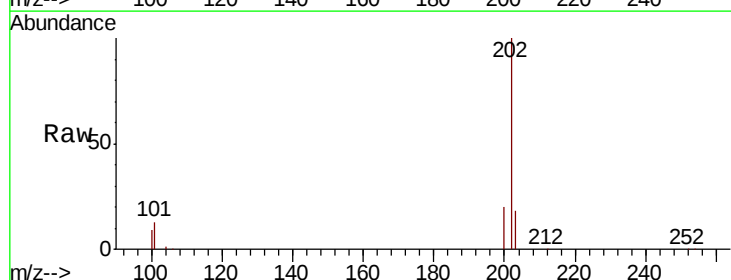
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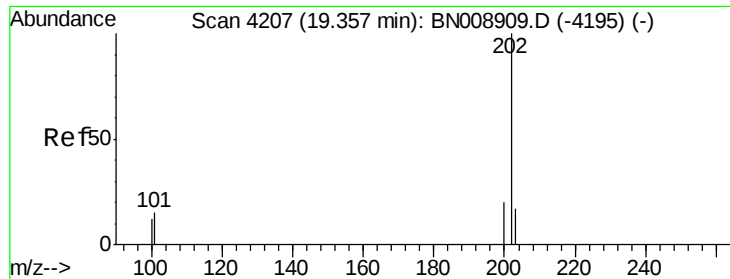
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#15
 Fluoranthene
 Concen: 0.464 ng/ul
 RT: 19.00 min Scan# 4129
 Delta R.T. 0.00 min
 Lab File: BN008910.D
 Acq: 11 Dec 2019 10:46

Tgt Ion:202 Resp: 27880
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 32.4
 100 9.3 0.0 29.2





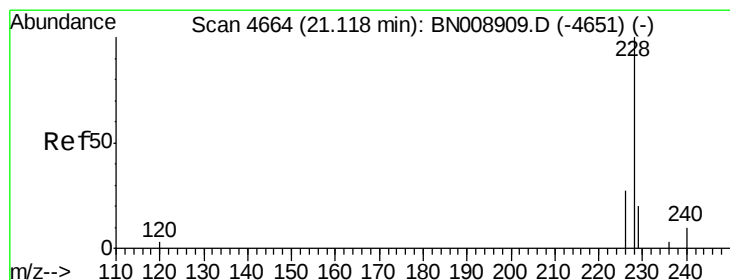
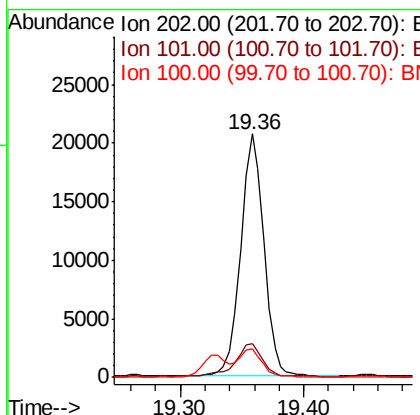
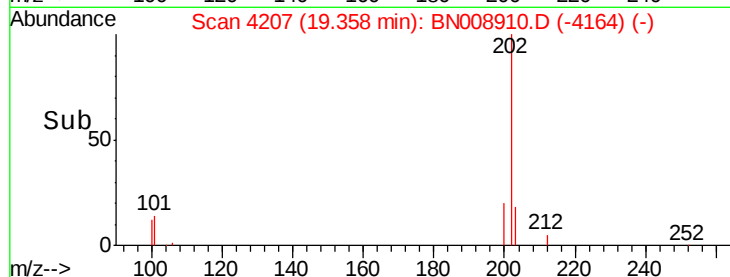
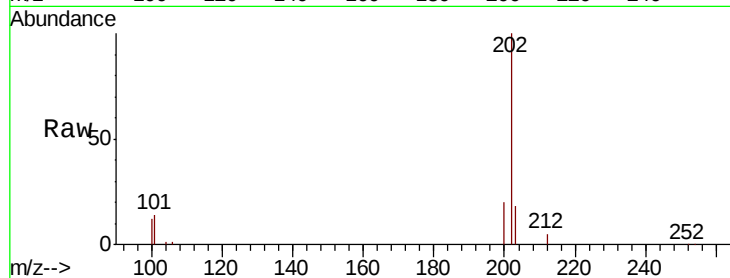
#17
Pvrene
Concen: 0.532 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008910.D
Acq: 11 Dec 2019 10:46

Instrument :
BNA_N
ClientSampleId :
C0BM1DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	12.2	18.4
100	11.8	9.5	14.3

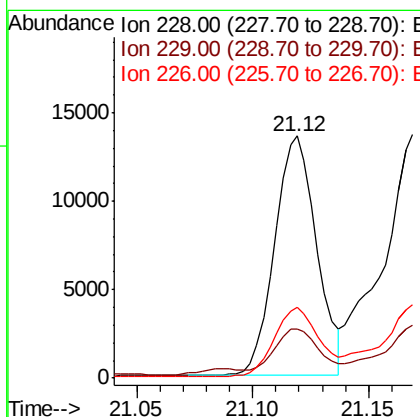
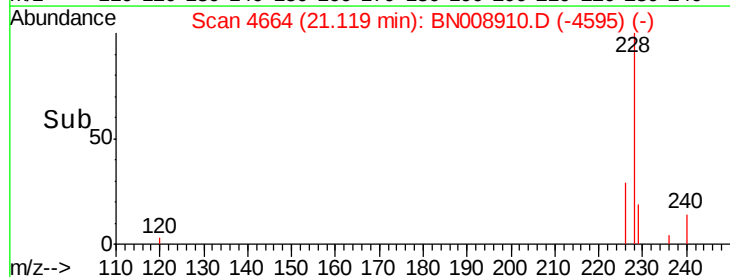
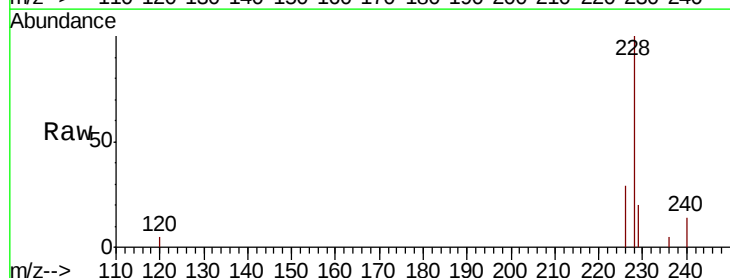
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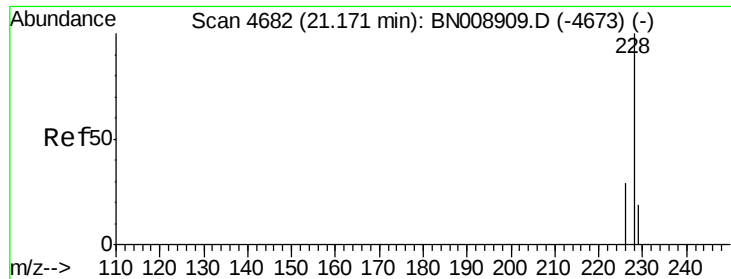
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#18
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.12 min Scan# 4664
Delta R.T. 0.00 min
Lab File: BN008910.D
Acq: 11 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	29.2	21.5	32.3





#19

Chrysene

Concen: 0.420 ng/ul

RT: 21.17 min Scan# 4681

Delta R.T. -0.00 min

Lab File: BN008910.D

Acq: 11 Dec 2019 10:46

Instrument :

BNA_N

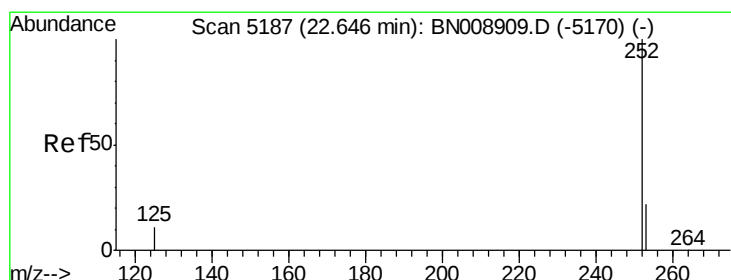
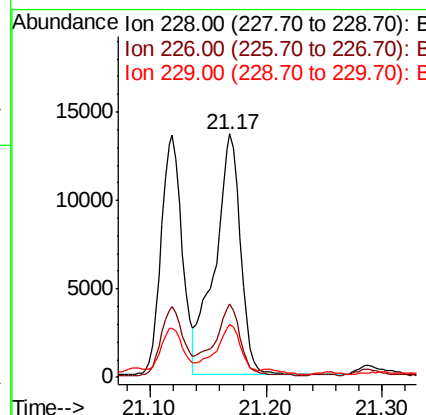
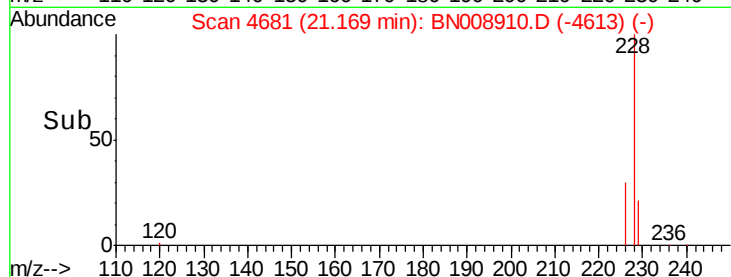
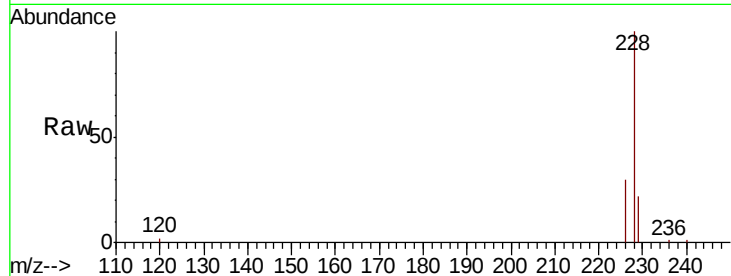
ClientSampleId :

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Tot Ion:	228	Resp:	21008
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.6
229	21.7	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 0.529 ng/ul m

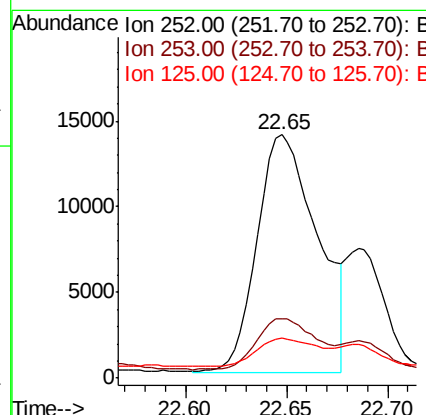
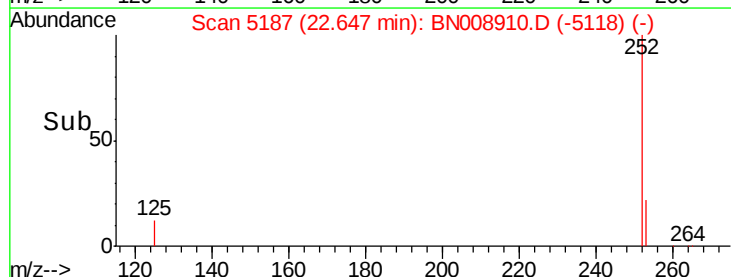
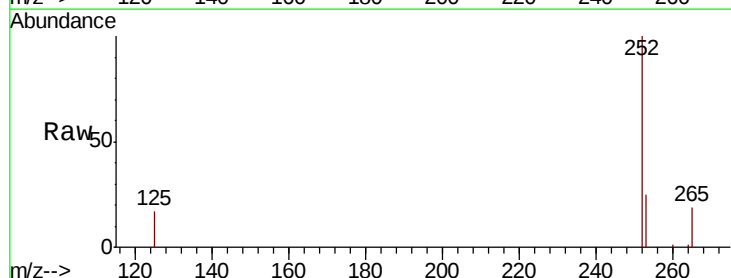
RT: 22.65 min Scan# 5187

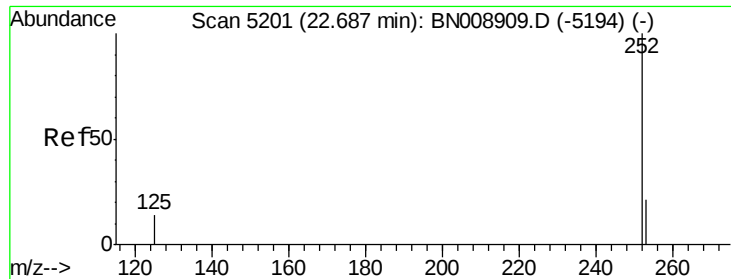
Delta R.T. 0.00 min

Lab File: BN008910.D

Acq: 11 Dec 2019 10:46

Tgt Ion:	252	Resp:	28880
Ion Ratio	Lower	Upper	
252	100		
253	24.6	0.0	48.6
125	16.6	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.173 ng/ul m

RT: 22.69 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BN008910.D

Acq: 11 Dec 2019 10:46

Instrument :

BNA_N

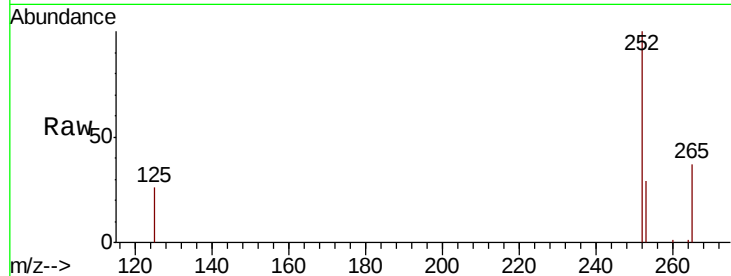
ClientSampleId :

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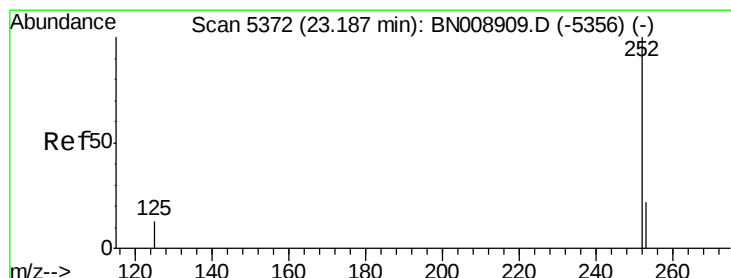
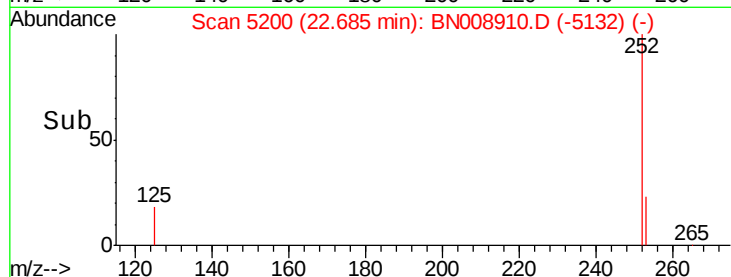
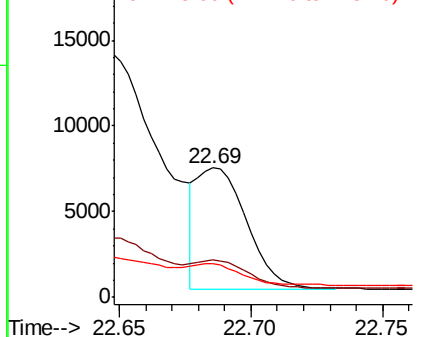
Tot Ion:	252	Resp:	9390
Ion Ratio	Lower	Upper	
252	100		
253	28.7	19.6	29.4
125	26.2	13.8	20.6

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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



#23

Benzo(a)pyrene

Concen: 0.286 ng/ul

RT: 23.19 min Scan# 5372

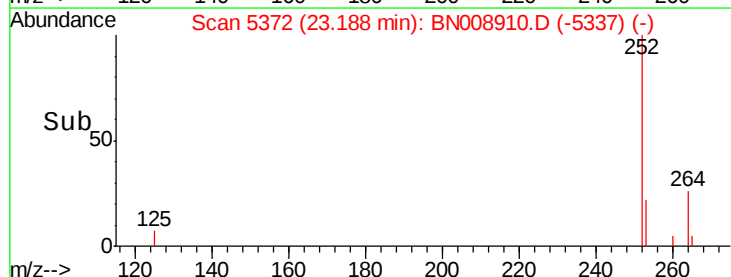
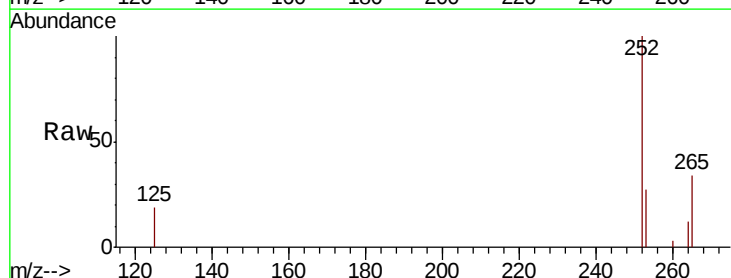
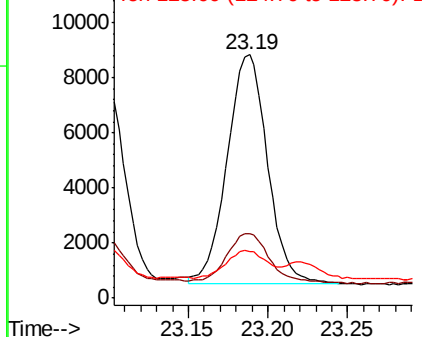
Delta R.T. 0.00 min

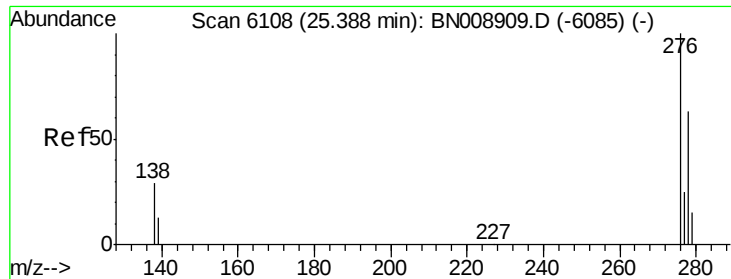
Lab File: BN008910.D

Acq: 11 Dec 2019 10:46

Tgt Ion:	252	Resp:	14649
Ion Ratio	Lower	Upper	
252	100		
253	26.7	19.9	29.9
125	19.3	14.6	22.0

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





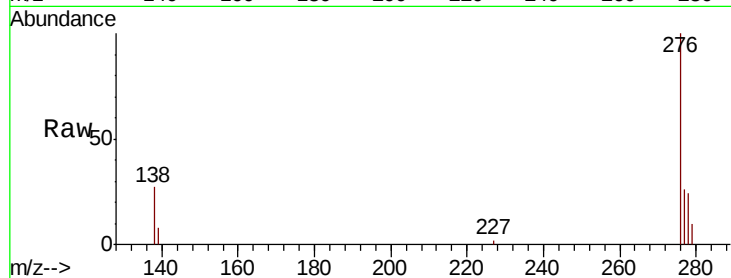
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng/ul
RT: 25.39 min Scan# 6107
Delta R.T. -0.00 min
Lab File: BN008910.D
Acq: 11 Dec 2019 10:46

Instrument :
BNA_N
ClientSampleID :
C0BM1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	23.8	35.6
227	0.1	0.2	0.2

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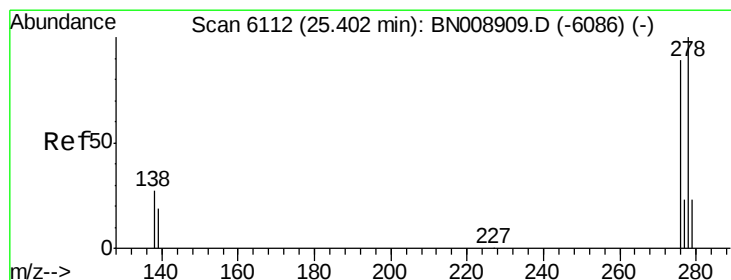
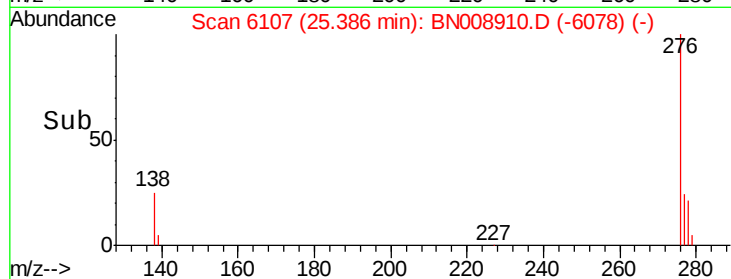
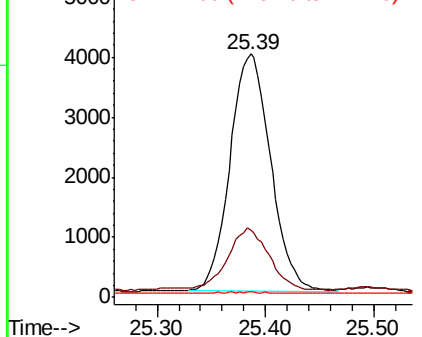


Abundance

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



#25
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.39 min Scan# 6109
Delta R.T. -0.01 min
Lab File: BN008910.D
Acq: 11 Dec 2019 10:46

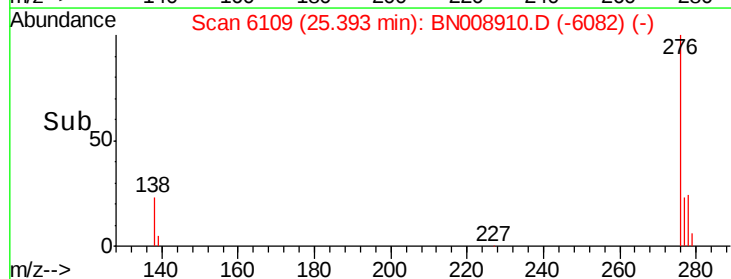
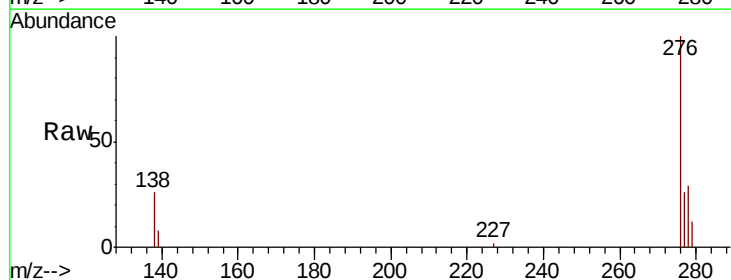
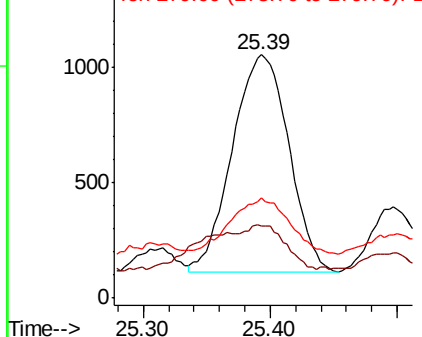
Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.7	17.4	26.0
279	41.4	20.5	30.7

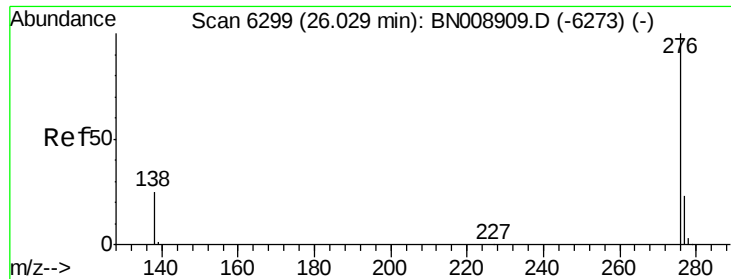
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





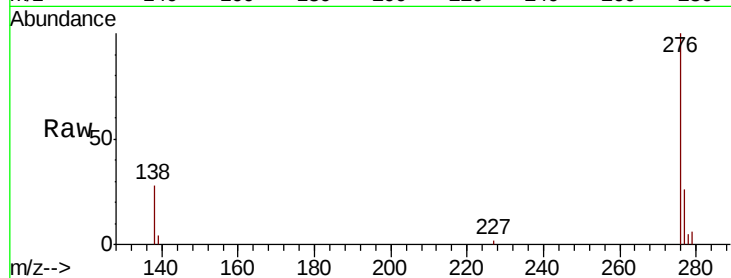
#26
 Benzo(a,h,i)perylene
 Concen: 0.181 ng/ul
 RT: 26.03 min Scan# 6298
 Delta R.T. -0.00 min
 Lab File: BN008910.D
 Acq: 11 Dec 2019 10:46

Instrument :
 BNA_N
 ClientSampleID :
 C0BM1DL

Tot Ion:	276	Resp:	9054
Ion Ratio	Lower	Upper	
276	100		
138	27.5	21.9	32.9
277	25.9	19.9	29.9

Manual Integrations
 APPROVED

mohammad
 12/12/2019 11:26:44 AM



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

