

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009216.D
 Acq On : 28 Dec 2019 04:41
 Operator : JU
 Sample : K6277-20DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C93DL

Manual Integrations
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mohammad
 12/29/2019 5:31:42 PM

Quant Time: Dec 28 05:29:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 28 04:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2484	0.40	ng/ul	0.00
2) Naphthalene-d8	10.27	136	9233	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	5226	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	10808	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	8103	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	8539	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	587	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.93	212	1234	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.32	128	3916	0.140	ng/ul	96
5) 2-Methylnaphthalene	11.94	142	4694	0.222	ng/ul	99
9) Fluorene	15.20	166	519	0.020	ng/ul#	57
12) Phenanthrene	16.93	178	12265	0.326	ng/ul	93
13) Anthracene	17.02	178	810	0.024	ng/ul#	24
15) Fluoranthene	18.95	202	5992	0.139	ng/ul	94
17) Pyrene	19.32	202	5776	0.140	ng/ul#	95
18) Benzo(a)anthracene	21.07	228	2322	0.065	ng/ul#	19
19) Chrysene	21.12	228	3735m	0.103	ng/ul	
21) Benzo(b)fluoranthene	22.59	252	4082m	0.102	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	1371m	0.034	ng/ul	
23) Benzo(a)pyrene	23.12	252	1902	0.054	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.32	276	1731	0.045	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.32	278	768	0.025	ng/ul#	1
26) Benzo(g,h,i)perylene	25.94	276	2187	0.068	ng/ul#	5

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

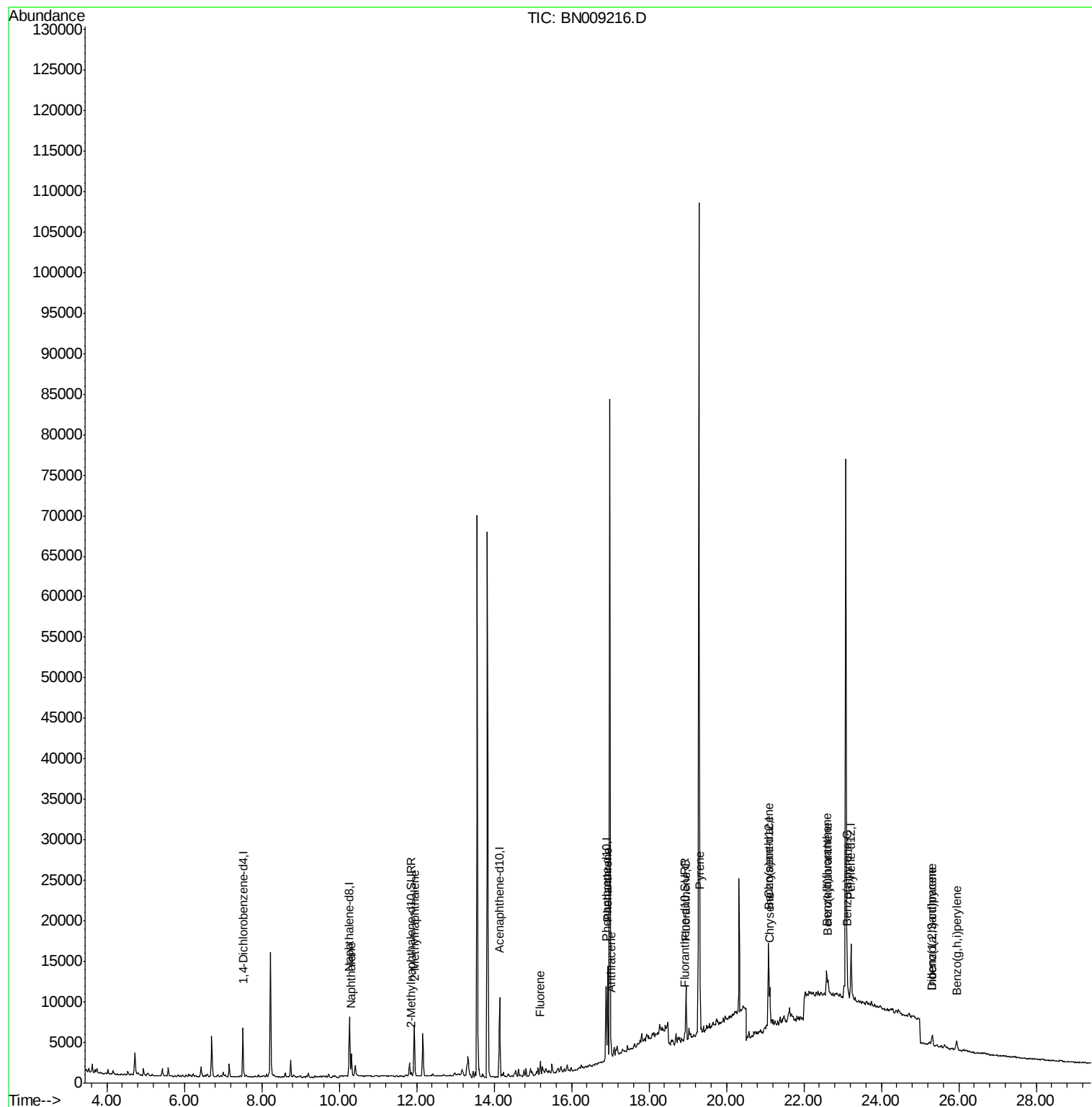
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009216.D
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Operator : JU
Sample : K6277-20DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

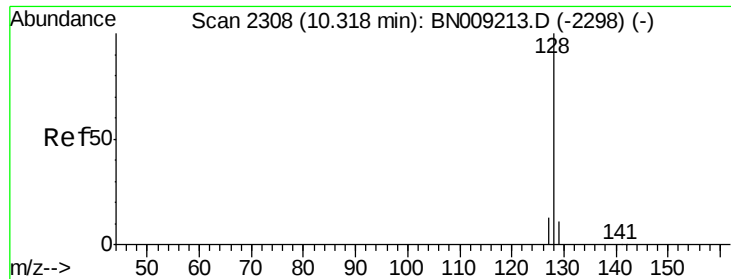
Instrument :
BNA_N
ClientSampleId :
C0C93DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
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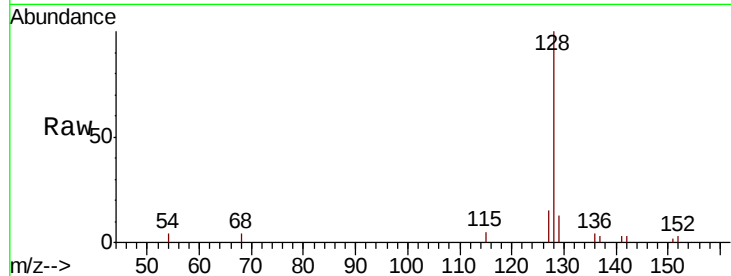
#3
Naphthalene
Concen: 0.140 ng/ul
RT: 10.32 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BN009216.D
Acq: 28 Dec 2019 04:41

Instrument :
BNA_N
ClientSampleId :
C0C93DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.0	13.4
127	15.1	10.9	16.3

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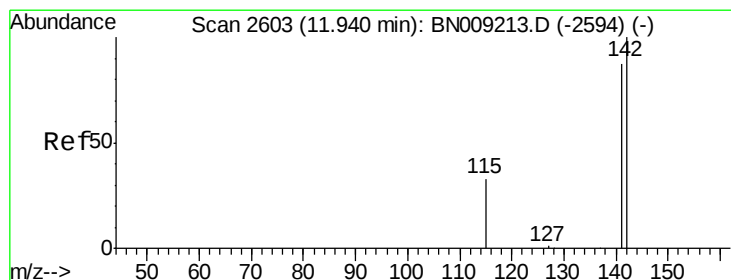
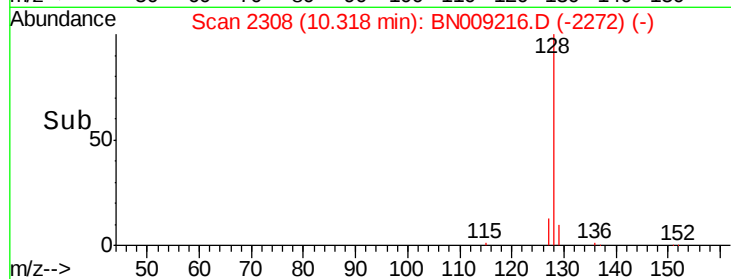
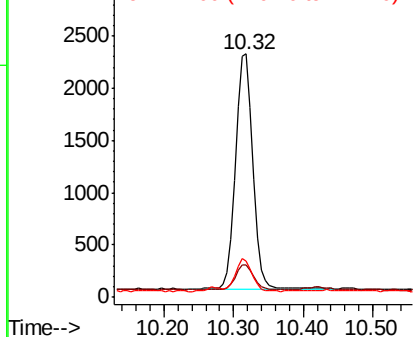


Abundance

Ion 128.00 (127.70 to 128.70): E

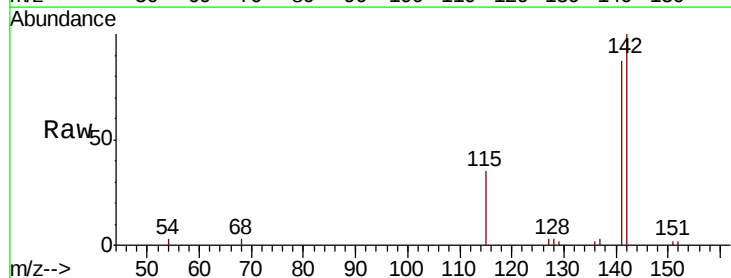
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5
2-Methylnaphthalene
Concen: 0.222 ng/ul
RT: 11.94 min Scan# 2603
Delta R.T. 0.00 min
Lab File: BN009216.D
Acq: 28 Dec 2019 04:41

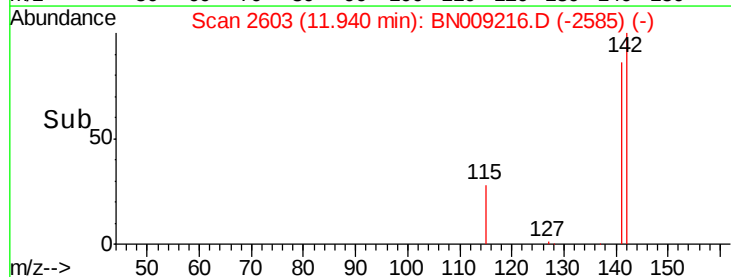
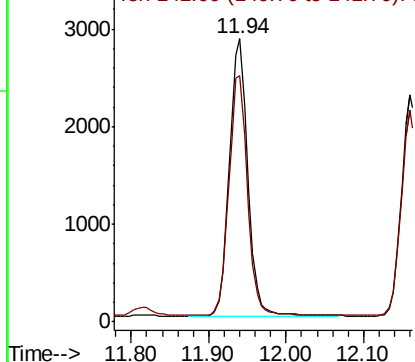
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.2	105.4

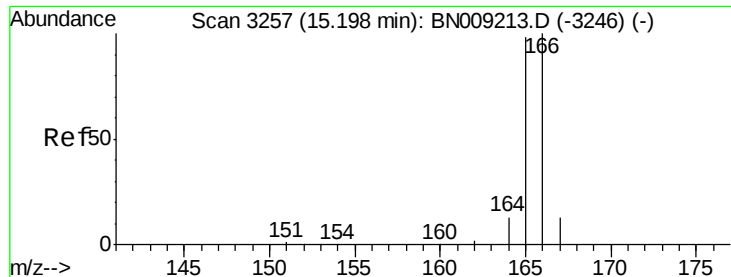


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.020 ng/ul

RT: 15.20 min Scan# 3257

Delta R.T. 0.00 min

Lab File: BN009216.D

Acq: 28 Dec 2019 04:41

Instrument :

BNA_N

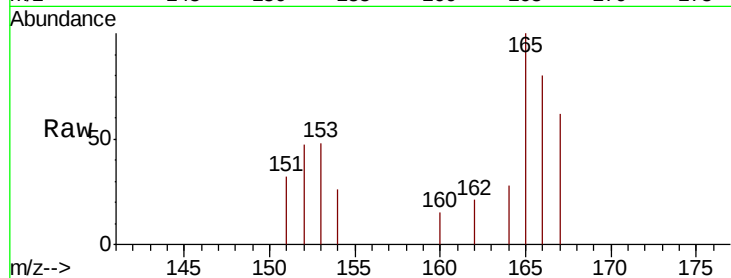
ClientSampleId :

C0C93DL

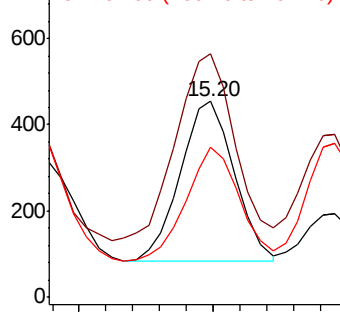
Tot Ion:	166	Resp:	519
Ion Ratio	Lower	Upper	
166	100		
165	124.2	78.2	117.4#
167	76.9	11.0	16.6#

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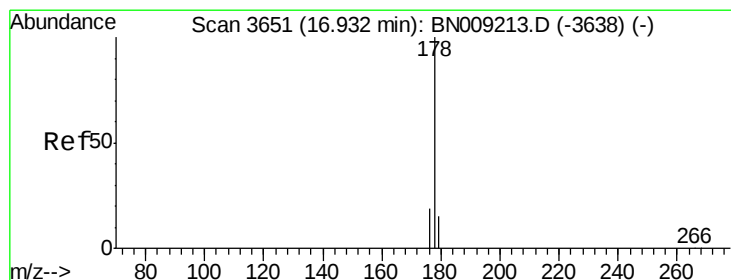
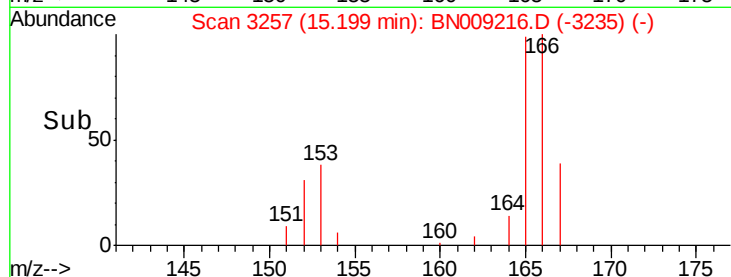
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#12

Phenanthrene

Concen: 0.326 ng/ul

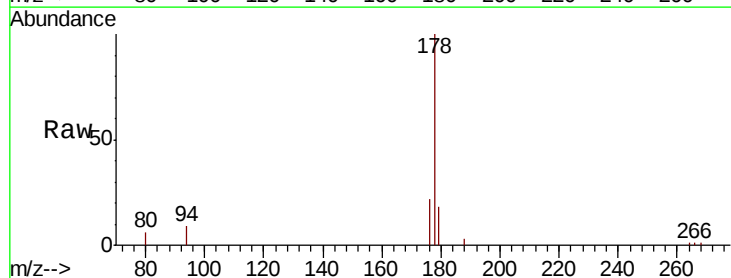
RT: 16.93 min Scan# 3651

Delta R.T. 0.00 min

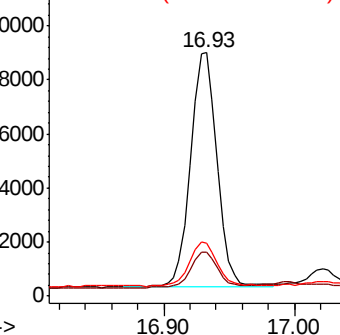
Lab File: BN009216.D

Acq: 28 Dec 2019 04:41

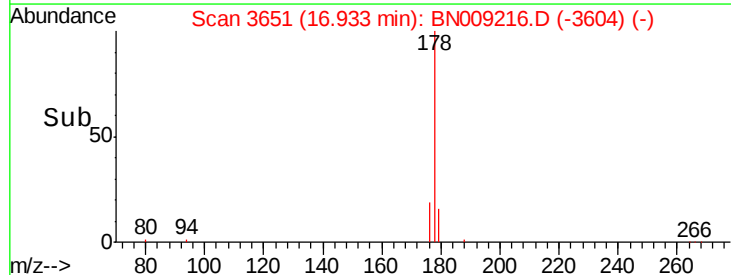
Tgt Ion:	178	Resp:	12265
Ion Ratio	Lower	Upper	
178	100		
179	18.2	12.3	18.5
176	21.9	15.1	22.7

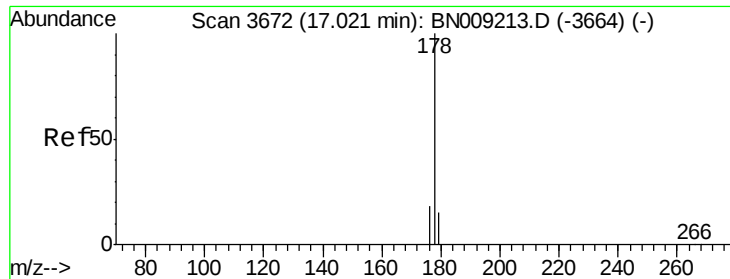


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





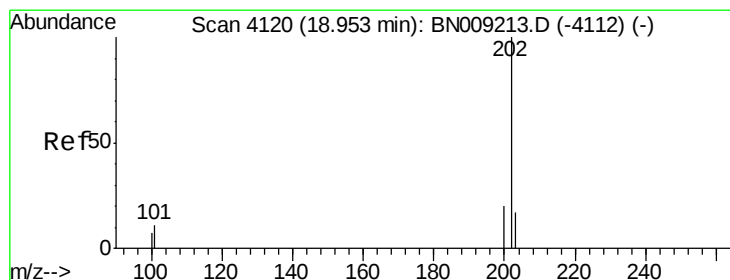
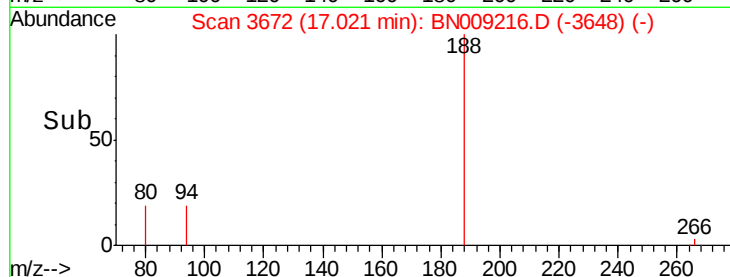
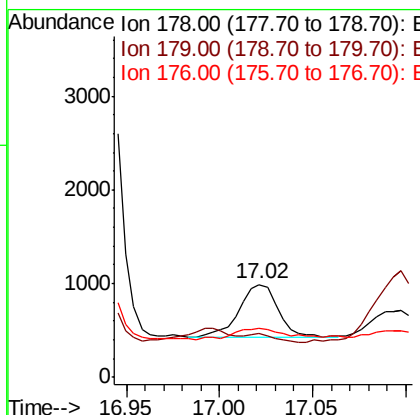
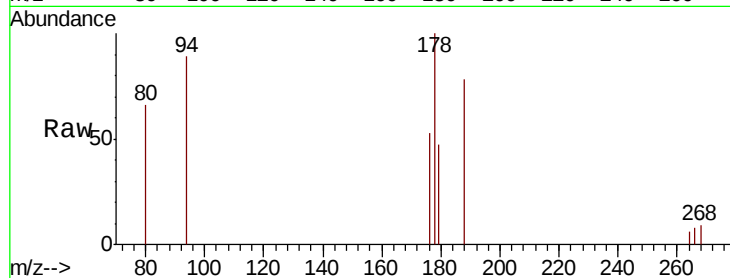
#13
 Anthracene
 Concen: 0.024 ng/ul
 RT: 17.02 min Scan# 3672
 Delta R.T. 0.00 min
 Lab File: BN009216.D
 Acq: 28 Dec 2019 04:41

Instrument :
 BNA_N
 ClientSampleId :
 C0C93DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	46.6	12.5	18.7#
176	53.3	14.9	22.3#

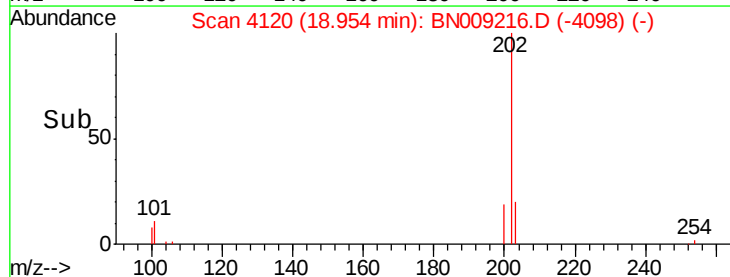
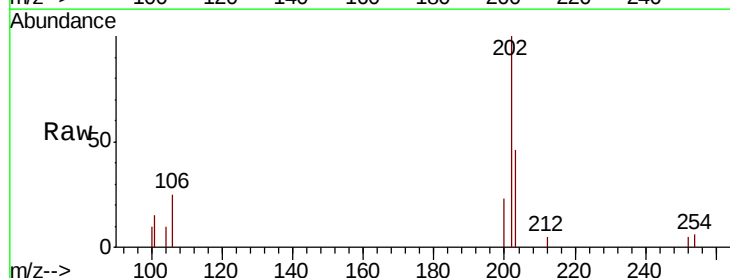
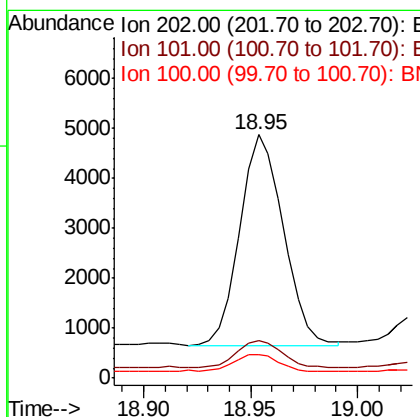
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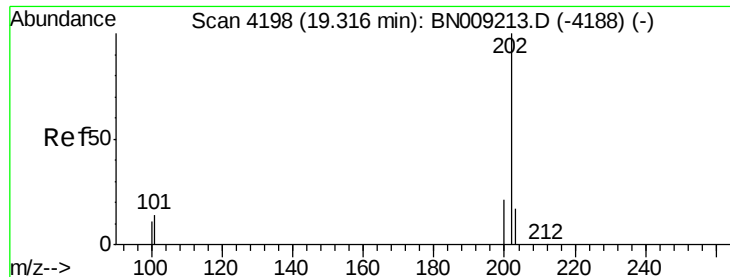
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#15
 Fluoranthene
 Concen: 0.139 ng/ul
 RT: 18.95 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: BN009216.D
 Acq: 28 Dec 2019 04:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	31.5
100	9.7	0.0	28.9





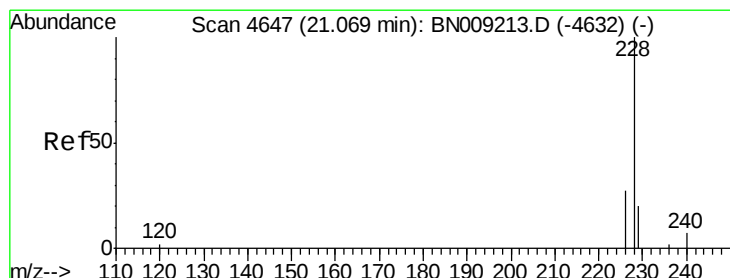
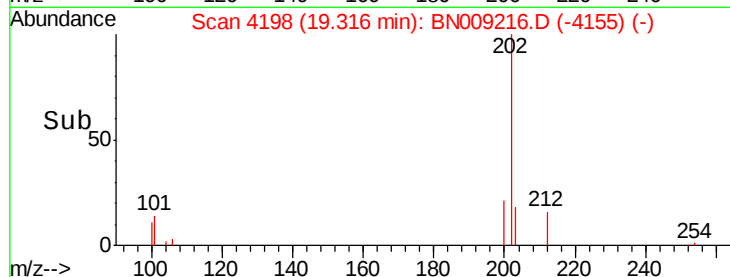
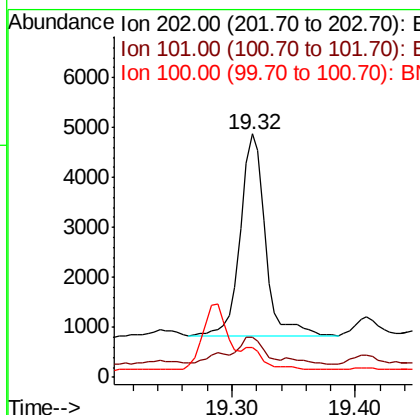
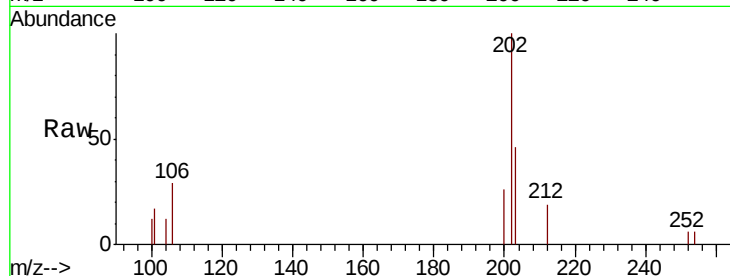
#17
Pvrene
Concen: 0.140 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009216.D
Acq: 28 Dec 2019 04:41

Instrument :
BNA_N
ClientSampleId :
C0C93DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.6	10.9	16.3#
100	12.3	9.0	13.6

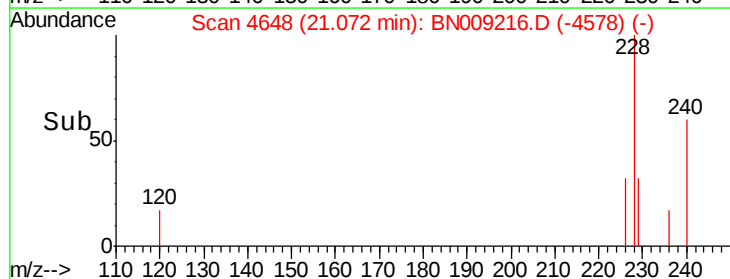
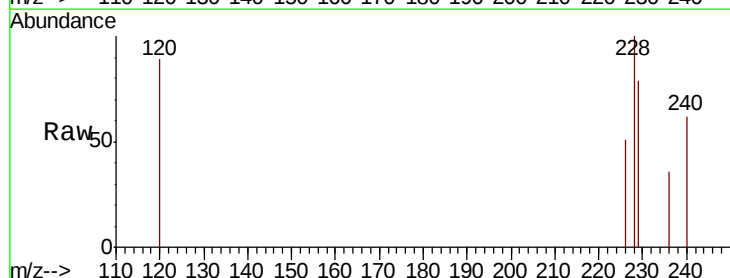
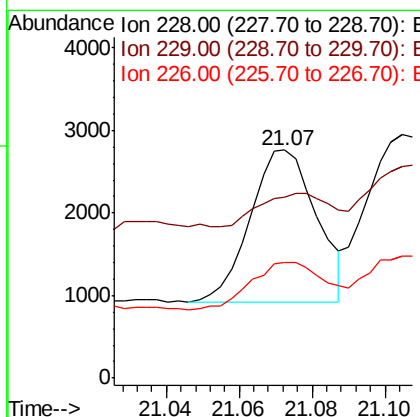
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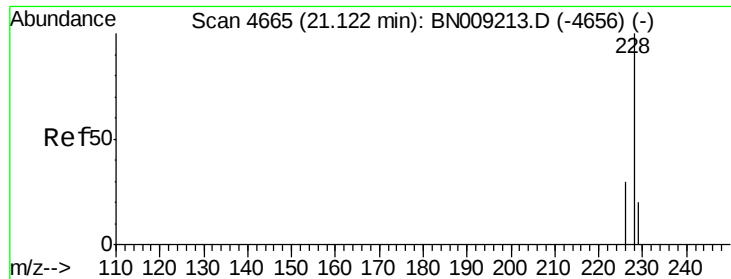
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#18
Benzo(a)anthracene
Concen: 0.065 ng/ul
RT: 21.07 min Scan# 4648
Delta R.T. 0.00 min
Lab File: BN009216.D
Acq: 28 Dec 2019 04:41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	79.2	15.5	23.3#
226	50.6	21.7	32.5#





#19

Chrysene

Concen: 0.103 ng/ul m

RT: 21.12 min Scan# 4665

Delta R.T. 0.00 min

Lab File: BN009216.D

Acq: 28 Dec 2019 04:41

Instrument :

BNA_N

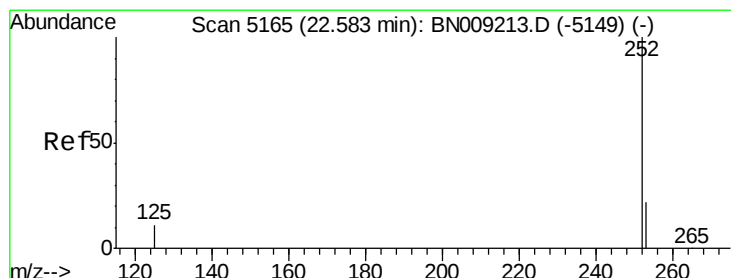
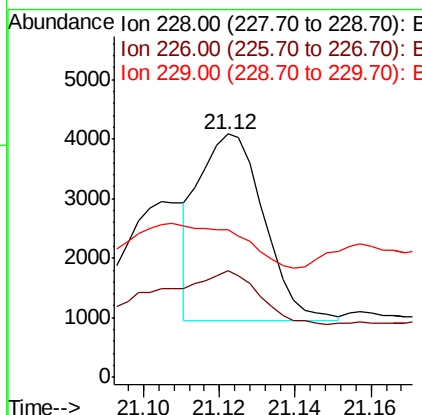
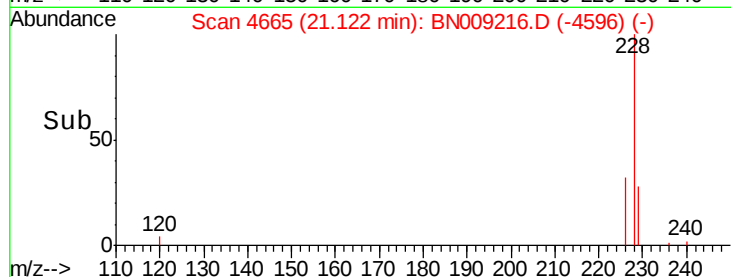
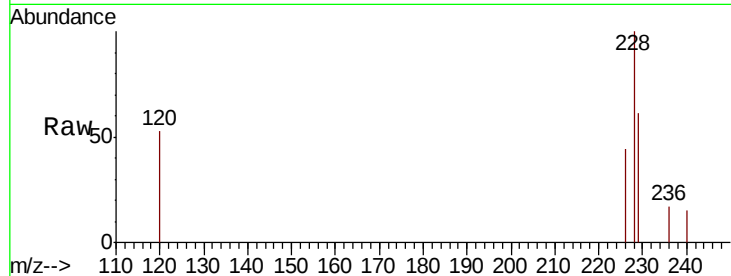
ClientSampleId :

C0C93DL

Tot Ion:	228	Resp:	3735
Ion Ratio	Lower	Upper	
228	100		
226	43.7	23.7	35.5#
229	60.6	15.4	23.0#

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#21

Benzo(b)fluoranthene

Concen: 0.102 ng/ul m

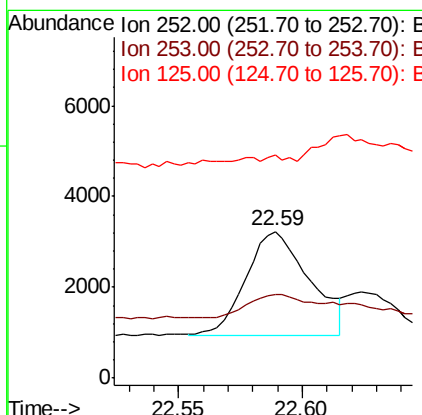
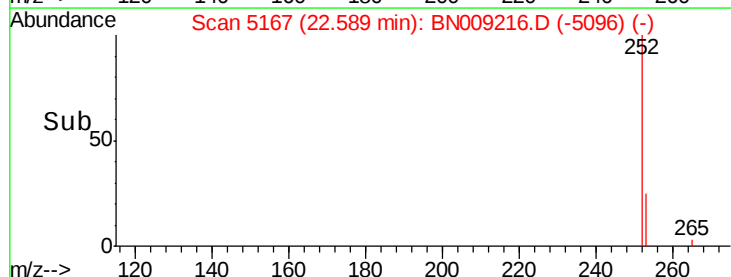
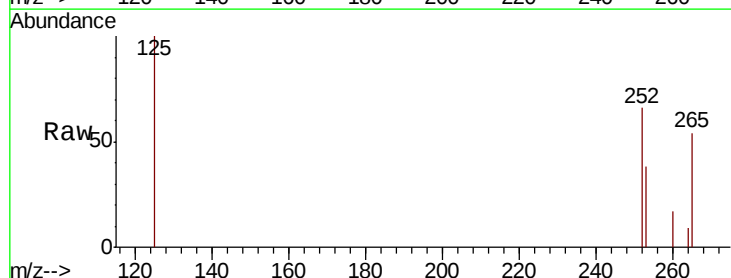
RT: 22.59 min Scan# 5167

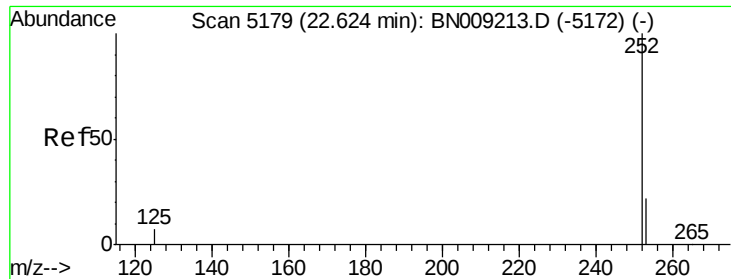
Delta R.T. 0.01 min

Lab File: BN009216.D

Acq: 28 Dec 2019 04:41

Tgt Ion:	252	Resp:	4082
Ion Ratio	Lower	Upper	
252	100		
253	57.5	0.0	48.2#
125	152.2	0.0	30.0#





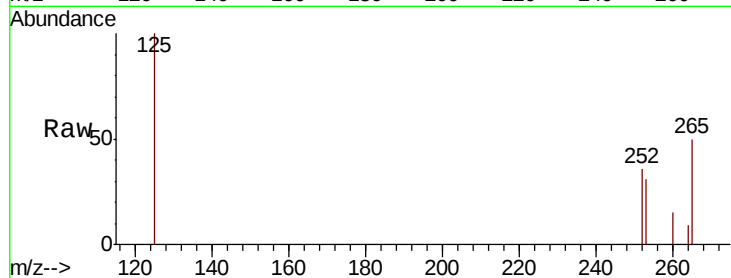
#22
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 22.62 min Scan# 5179
Delta R.T. 0.00 min
Lab File: BN009216.D
Acq: 28 Dec 2019 04:41

Instrument :
BNA_N
ClientSampleId :
C0C93DL

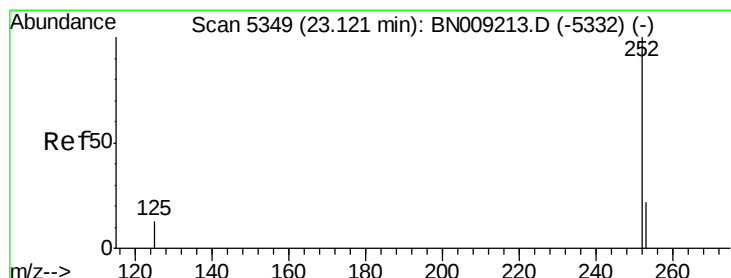
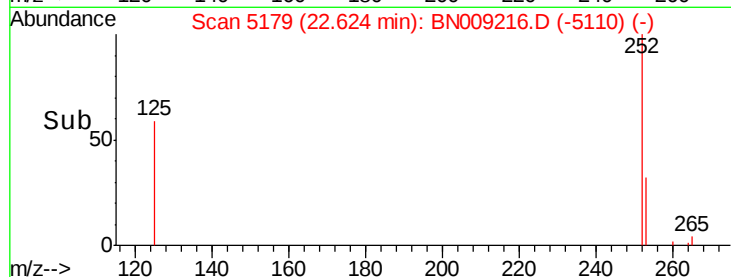
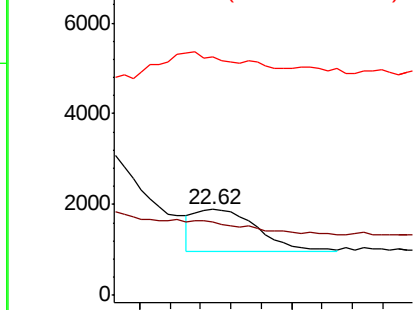
Tot Ion	Ratio	Lower	Upper
252	100		
253	84.8	19.4	29.0#
125	277.6	12.4	18.6#

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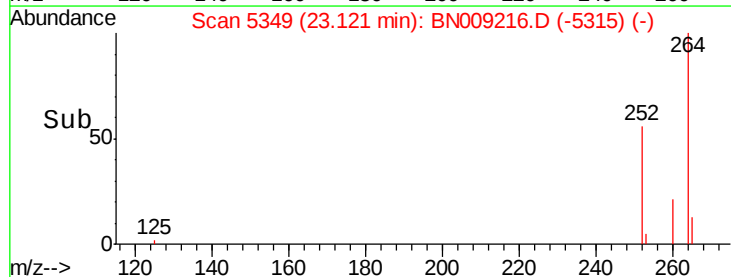
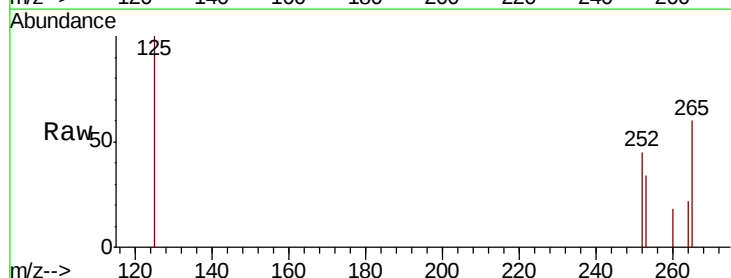
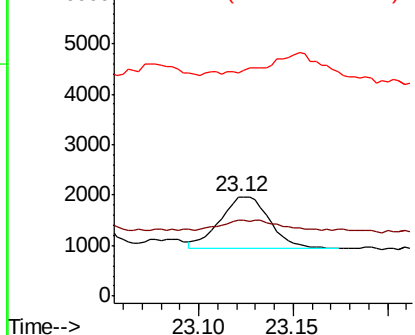
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

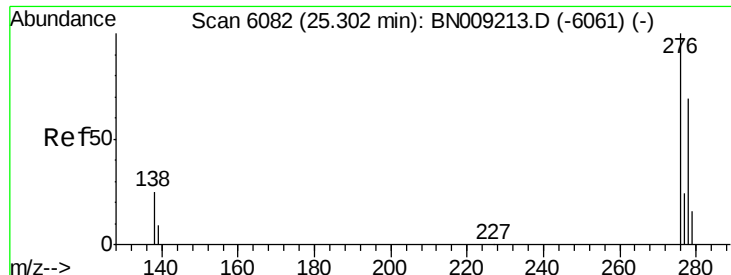


#23
Benzo(a)pyrene
Concen: 0.054 ng/ul
RT: 23.12 min Scan# 5349
Delta R.T. 0.00 min
Lab File: BN009216.D
Acq: 28 Dec 2019 04:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	75.8	20.2	30.4#
125	224.6	13.2	19.8#

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





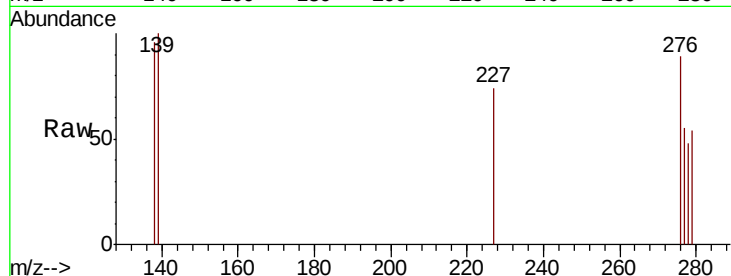
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 25.32 min Scan# 6086
Delta R.T. 0.01 min
Lab File: BN009216.D
Acq: 28 Dec 2019 04:41

Instrument :
BNA_N
ClientSampleId :
C0C93DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.1	22.4	33.6
227	0.0	0.2	0.4

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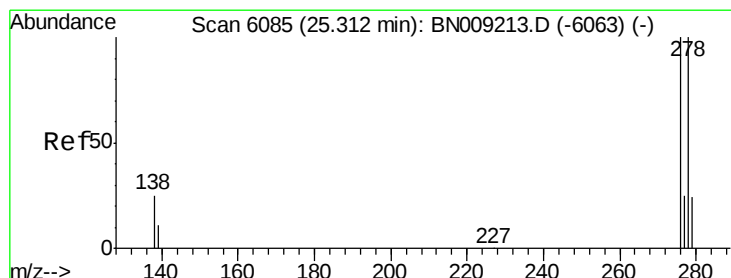
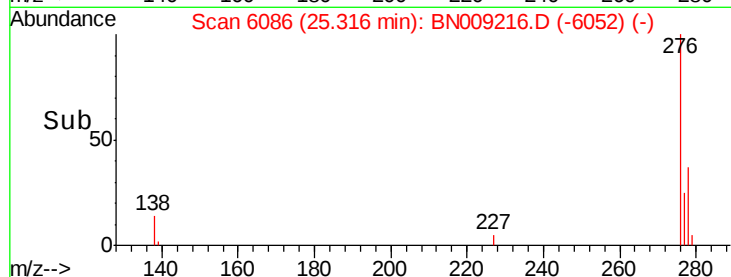
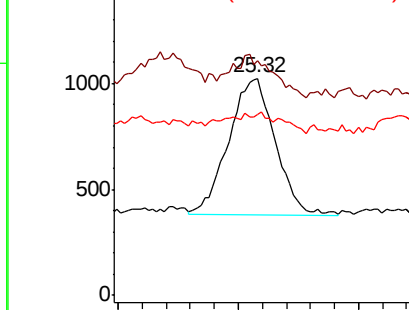


Abundance

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: 0.025 ng/ul
RT: 25.32 min Scan# 6087
Delta R.T. 0.01 min
Lab File: BN009216.D
Acq: 28 Dec 2019 04:41

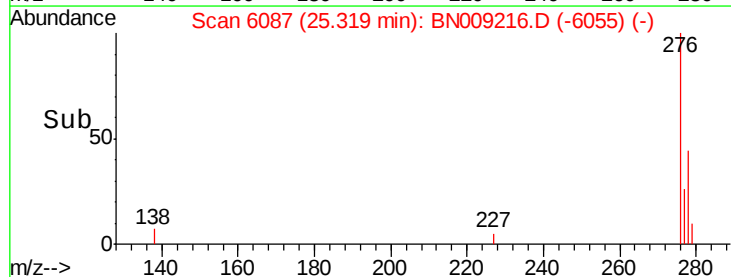
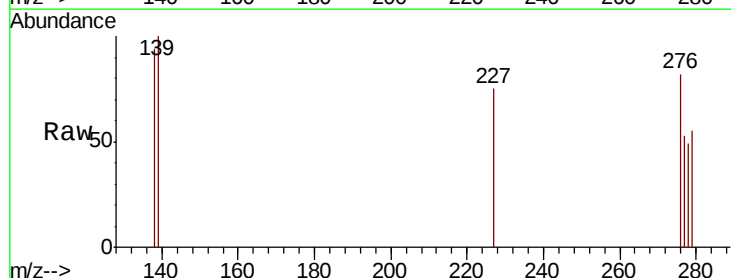
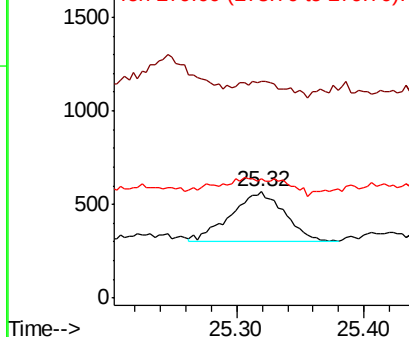
Tgt Ion	Ratio	Lower	Upper
278	100		
139	204.2	16.2	24.2
279	112.5	20.3	30.5

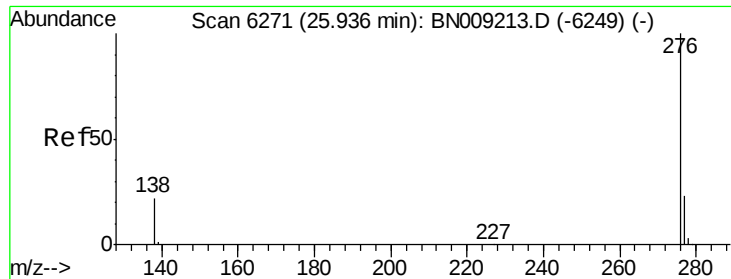
Abundance

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: 0.068 ng/ul
RT: 25.94 min Scan# 6273
Delta R.T. 0.01 min
Lab File: BN009216.D
Acq: 28 Dec 2019 04:41

Instrument :
BNA_N
ClientSampleId :
C0C93DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	89.5	20.6	30.8#
277	55.6	19.6	29.4#

Manual Integrations
APPROVED

mohammad
12/29/2019 5:31:42 PM

