

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
 Data File : BN009257.D
 Acq On : 30 Dec 2019 13:31
 Operator : JU
 Sample : K6322-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C35

Manual Integrations
 APPROVED

mohammad
 12/31/2019 8:27:52 AM

Quant Time: Dec 30 15:24:09 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 : Mon Dec 30 11:05:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2220	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8016	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4216	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	8420	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	6583	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	6720	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1866	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	3989	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	8527	0.351	ng/ul	98
5) 2-Methylnaphthalene	11.93	142	3536	0.192	ng/ul	100
7) Acenaphthylene	13.85	152	3740	0.169	ng/ul	95
9) Fluorene	15.19	166	613	0.030	ng/ul#	90
12) Phenanthrene	16.93	178	8784	0.300	ng/ul	99
13) Anthracene	17.02	178	12241	0.466	ng/ul	99
15) Fluoranthene	18.95	202	5362	0.160	ng/ul	94
17) Pyrene	19.32	202	7373	0.220	ng/ul	98
18) Benzo(a)anthracene	21.07	228	7199	0.246	ng/ul#	83
19) Chrysene	21.12	228	5133m	0.175	ng/ul	
21) Benzo(b)fluoranthene	22.59	252	57392m	1.829	ng/ul	
22) Benzo(k)fluoranthene	22.63	252	22269m	0.704	ng/ul	
23) Benzo(a)pyrene	23.12	252	25875	0.941	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.31	276	15638	0.522	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.31	278	4271	0.179	ng/ul#	80
26) Benzo(a,h,i)perylene	25.95	276	11390	0.452	ng/ul	98

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

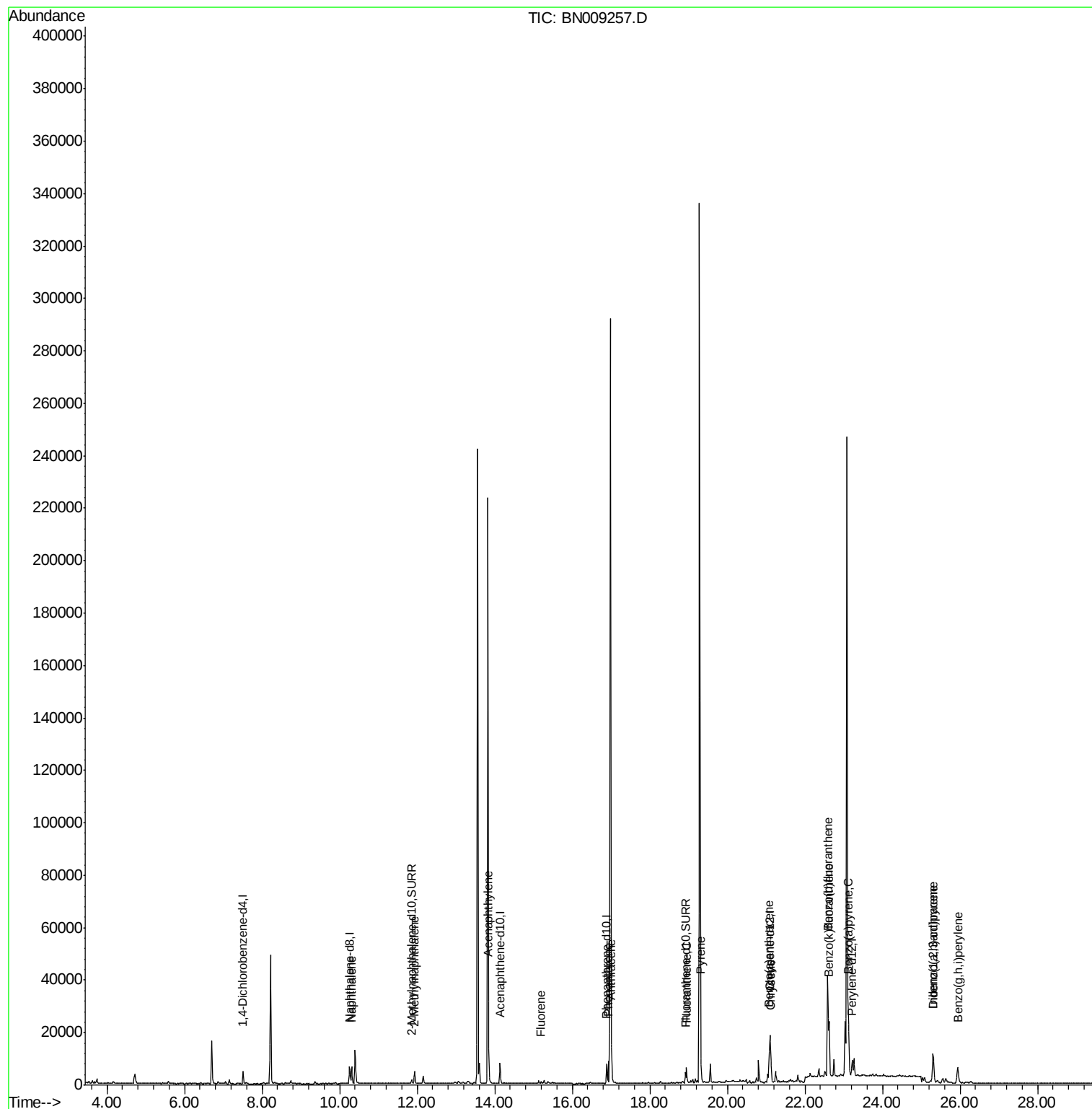
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
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ALS Vial : 7 Sample Multiplier: 1

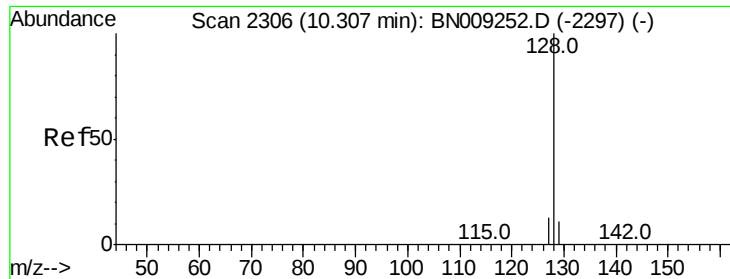
Instrument :
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C0C35

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Quant Time: Dec 30 15:24:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
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QLast Update : Mon Dec 30 11:05:47 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.351 ng/ul

RT: 10.31 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BN009257.D

Acq: 30 Dec 2019 13:31

Instrument :

BNA_N

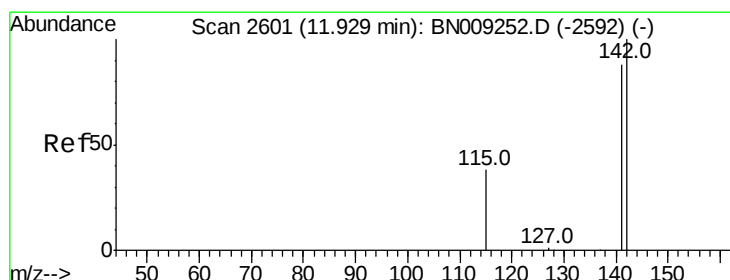
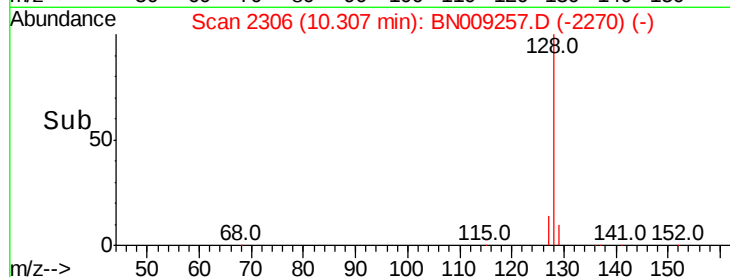
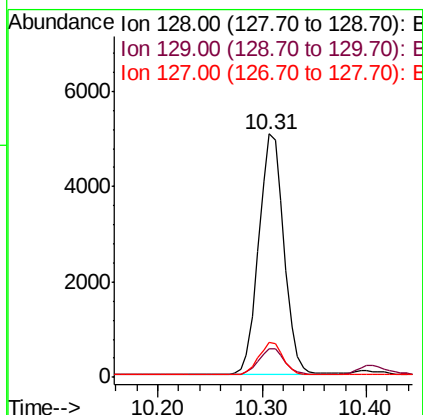
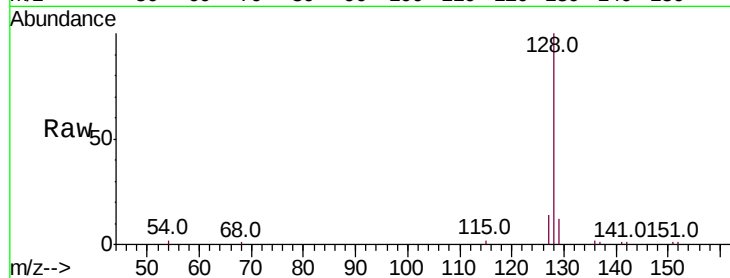
ClientSampleId :

C0C35

Tot Ion:	128	Resp:	8527
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	14.4	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.192 ng/ul

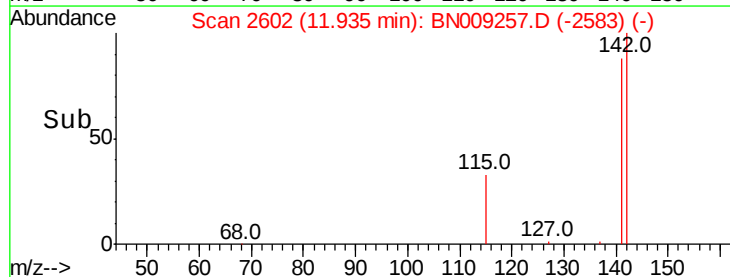
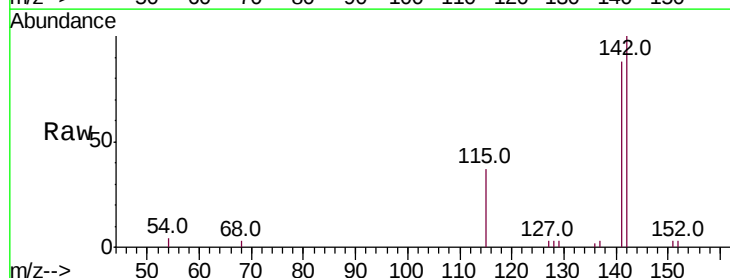
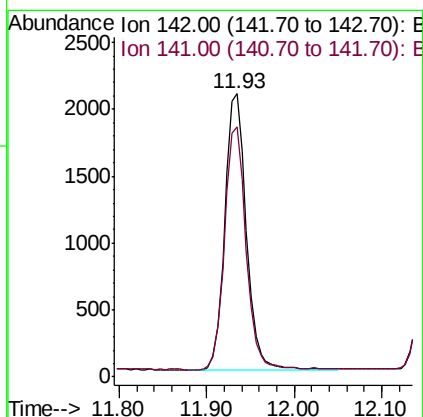
RT: 11.93 min Scan# 2602

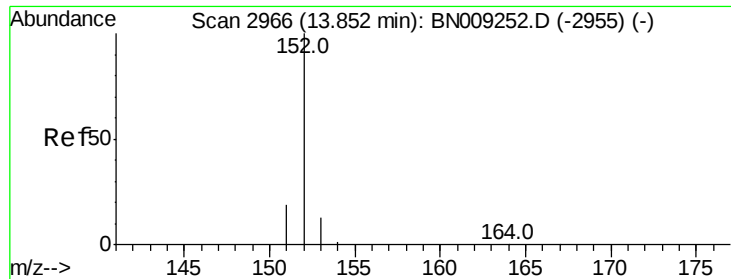
Delta R.T. 0.01 min

Lab File: BN009257.D

Acq: 30 Dec 2019 13:31

Tgt Ion:	142	Resp:	3536
Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.2	105.4





#7

Acenaphthylene

Concen: 0.169 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BN009257.D

Acq: 30 Dec 2019 13:31

Instrument :

BNA_N

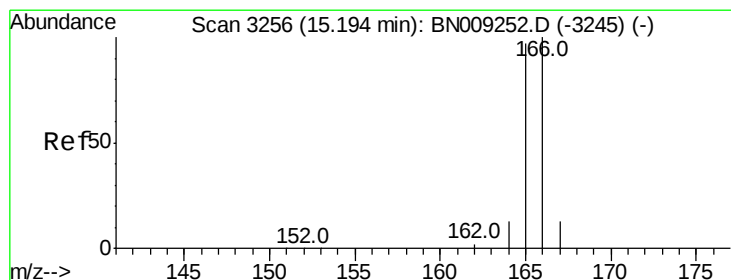
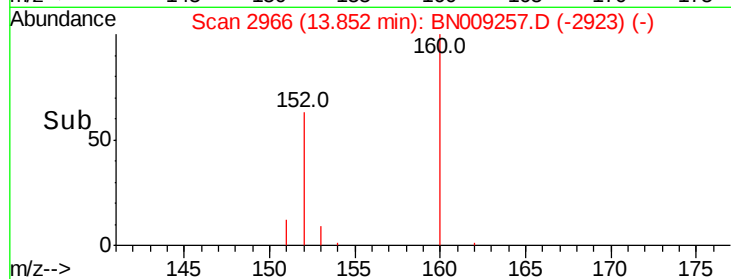
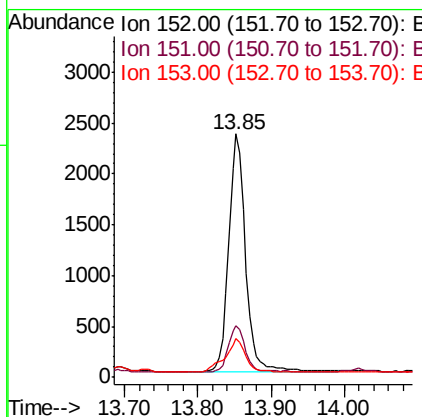
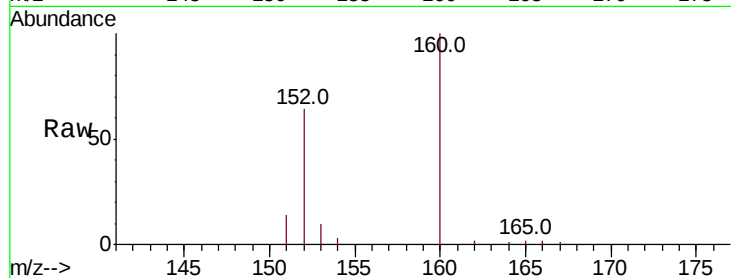
ClientSampleId :

C0C35

Tot Ion:	152	Resp:	3740
Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.7	23.5
153	16.0	10.8	16.2

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#9

Fluorene

Concen: 0.030 ng/ul

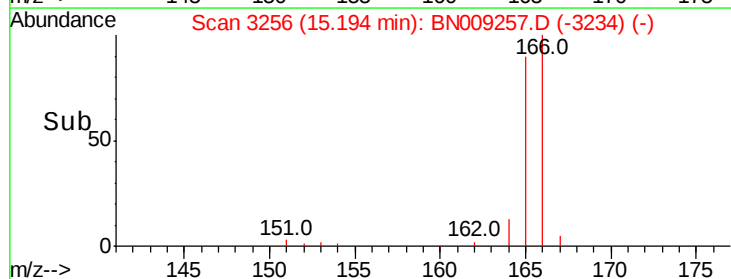
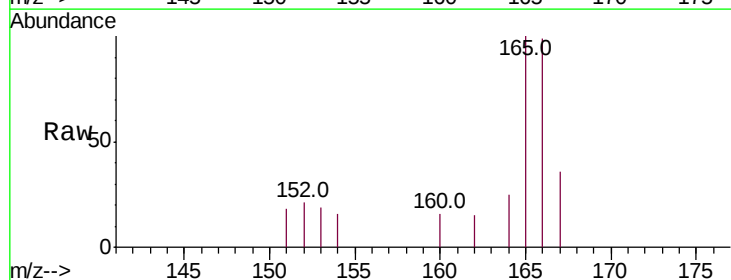
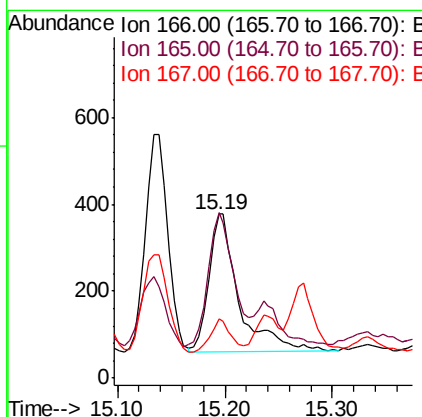
RT: 15.19 min Scan# 3256

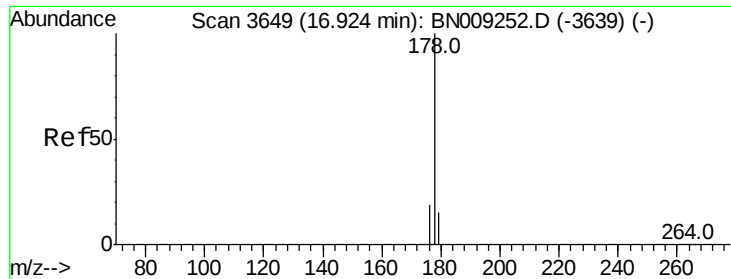
Delta R.T. -0.00 min

Lab File: BN009257.D

Acq: 30 Dec 2019 13:31

Tgt Ion:	166	Resp:	613
Ion	Ratio	Lower	Upper
166	100		
165	101.1	78.2	117.4
167	36.0	11.0	16.6#





#12

Phenanthrene

Concen: 0.300 ng/ul

RT: 16.93 min Scan# 3650

Delta R.T. 0.00 min

Lab File: BN009257.D

Acq: 30 Dec 2019 13:31

Instrument :

BNA_N

ClientSampleId :

C0C35

Tot Ion:178 Resp: 8784

Ion Ratio Lower Upper

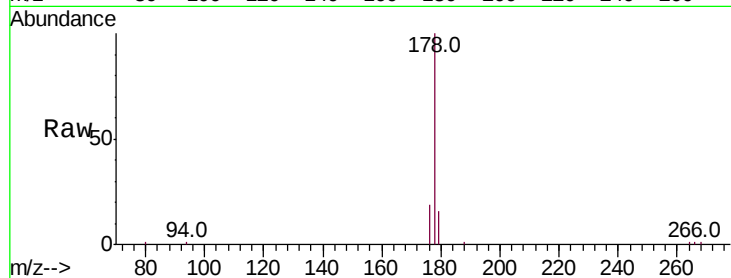
178 100

179 16.1 12.3 18.5

176 19.2 15.1 22.7

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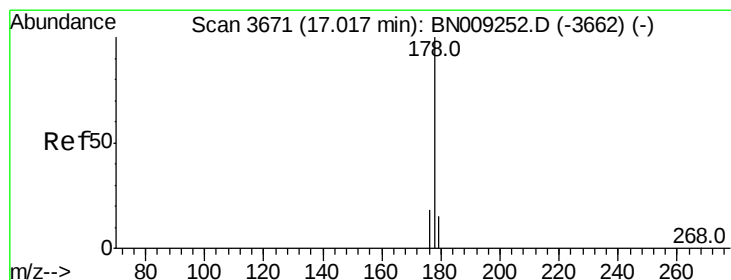
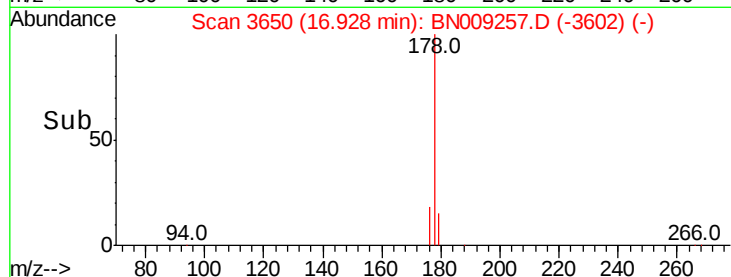
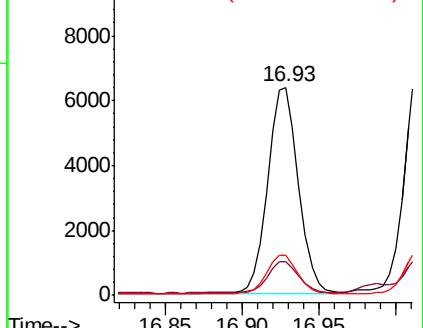
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.466 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN009257.D

Acq: 30 Dec 2019 13:31

Tgt Ion:178 Resp: 12241

Ion Ratio Lower Upper

178 100

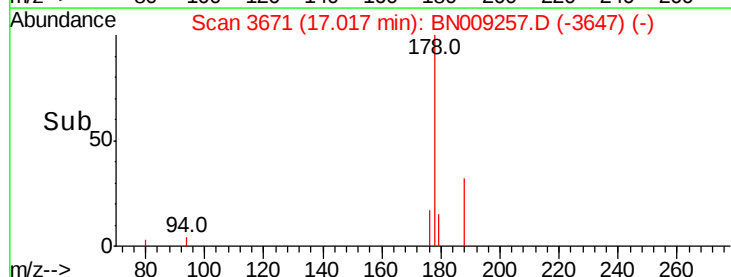
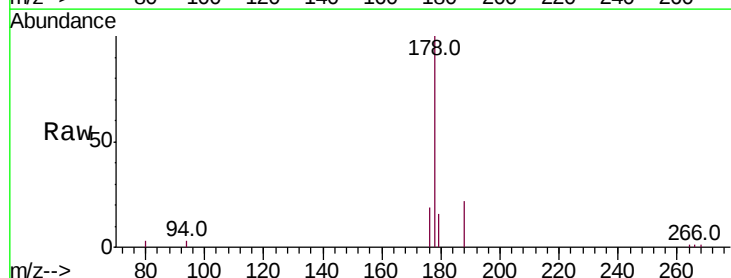
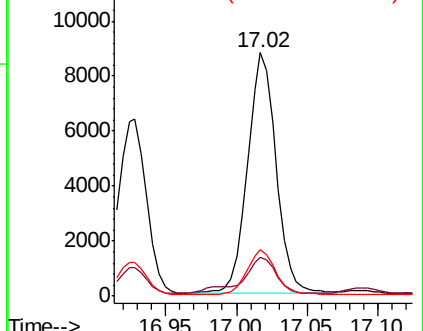
179 15.9 12.5 18.7

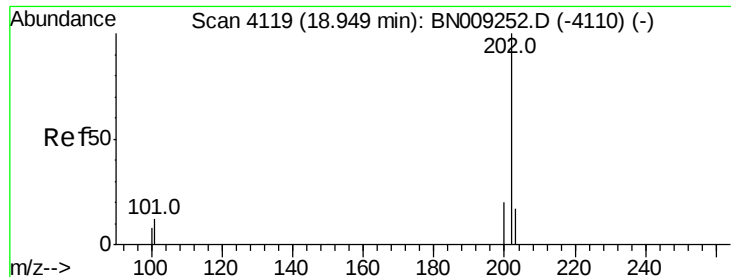
176 18.9 14.9 22.3

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: 0.160 ng/ul

RT: 18.95 min Scan# 4119

Delta R.T. 0.00 min

Lab File: BN009257.D

Acq: 30 Dec 2019 13:31

Instrument :

BNA_N

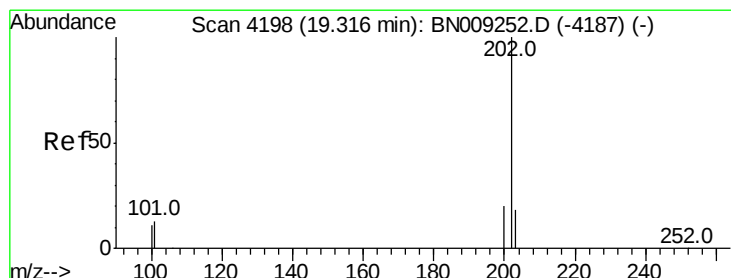
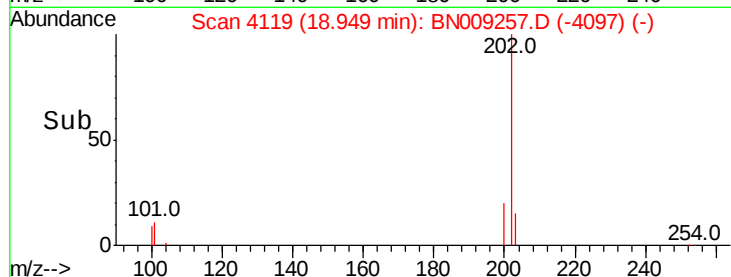
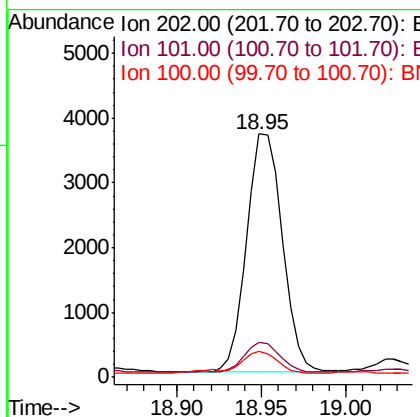
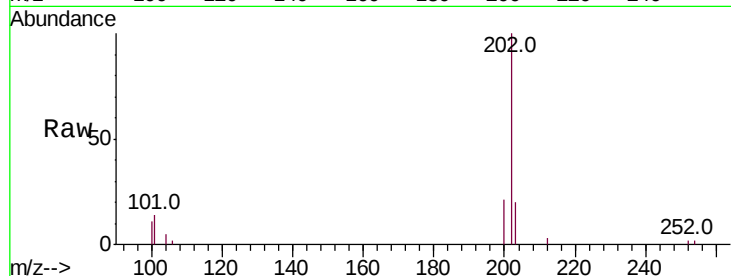
ClientSampleId :

C0C35

Tot Ion:	202	Resp:	5362
Ion Ratio	Lower	Upper	
202	100		
101	14.3	0.0	31.5
100	10.7	0.0	28.9

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#17

Pyrene

Concen: 0.220 ng/ul

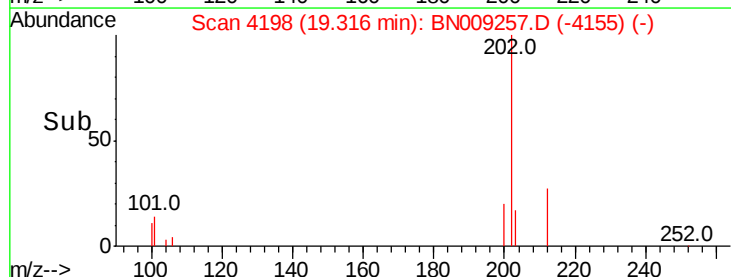
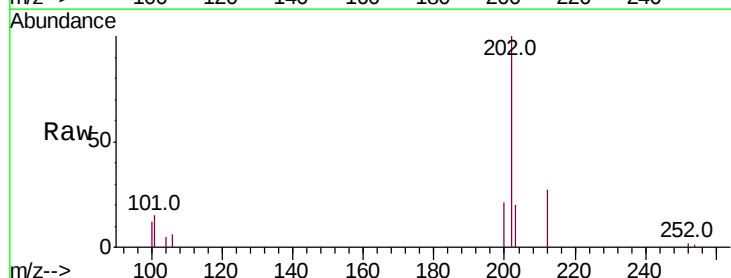
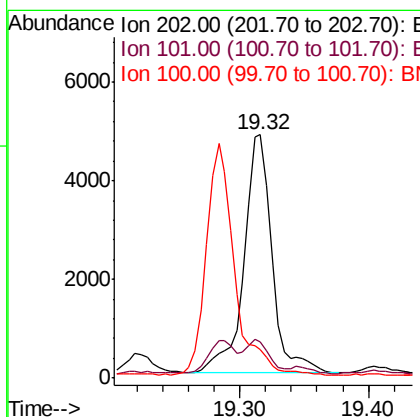
RT: 19.32 min Scan# 4198

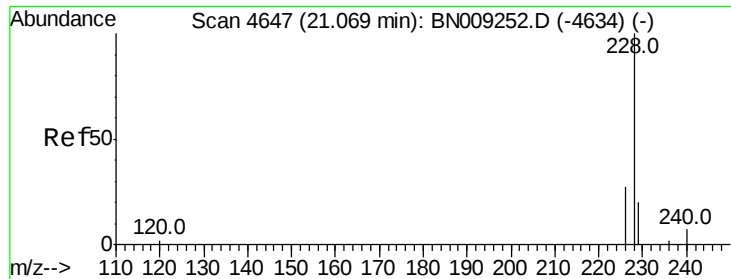
Delta R.T. 0.00 min

Lab File: BN009257.D

Acq: 30 Dec 2019 13:31

Tgt Ion:	202	Resp:	7373
Ion Ratio	Lower	Upper	
202	100		
101	14.8	10.9	16.3
100	11.7	9.0	13.6





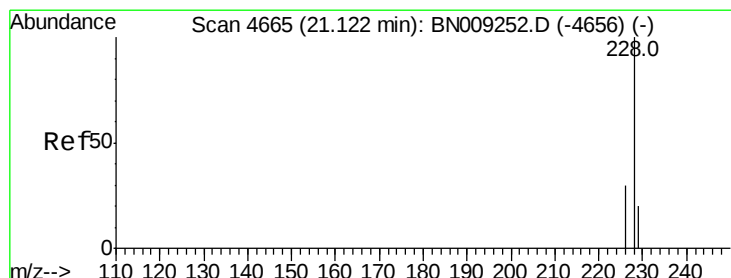
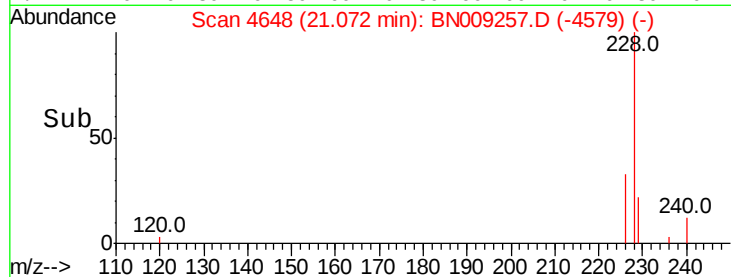
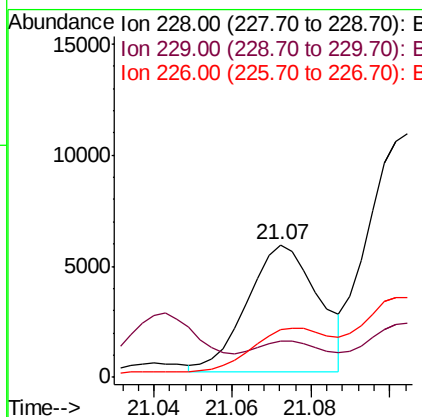
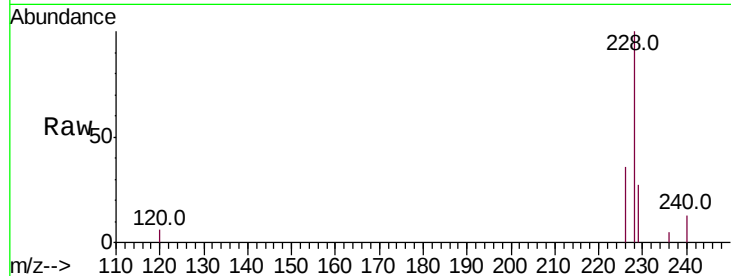
#18
Benzo(a)anthracene
Concen: 0.246 ng/ul
RT: 21.07 min Scan# 4648
Delta R.T. 0.00 min
Lab File: BN009257.D
Acq: 30 Dec 2019 13:31

Instrument :
BNA_N
ClientSampleId :
C0C35

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.2	15.5	23.3#
226	36.1	21.7	32.5#

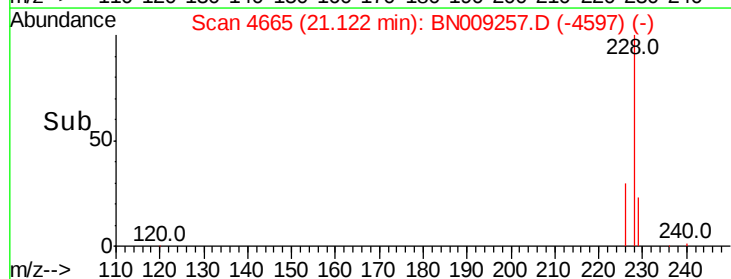
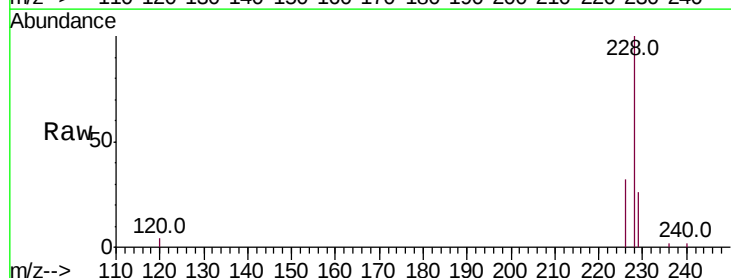
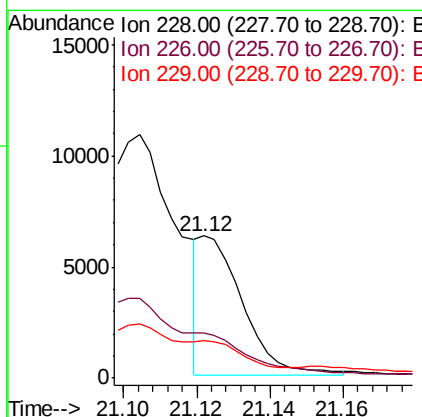
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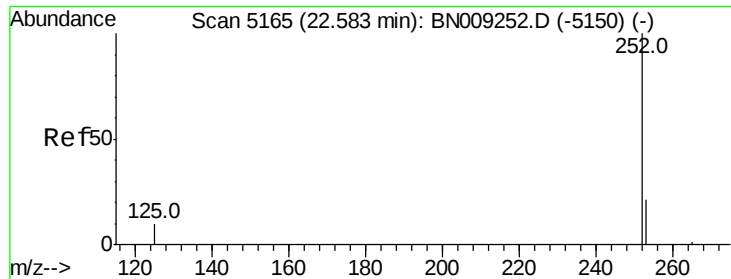
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#19
Chrysene
Concen: 0.175 ng/ul m
RT: 21.12 min Scan# 4665
Delta R.T. -0.00 min
Lab File: BN009257.D
Acq: 30 Dec 2019 13:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.7	35.5
229	26.4	15.4	23.0#





#21

Benzo(b)fluoranthene

Concen: 1.829 ng/ul m

RT: 22.59 min Scan# 5167

Delta R.T. 0.01 min

Lab File: BN009257.D

Acq: 30 Dec 2019 13:31

Instrument :

BNA_N

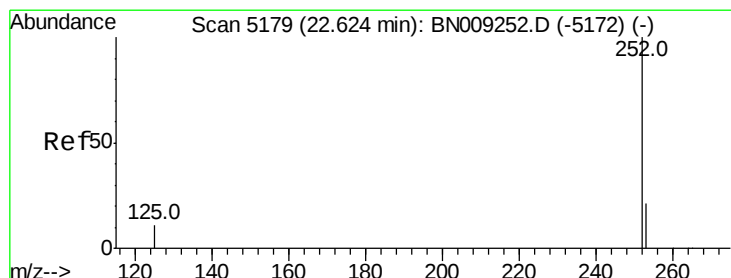
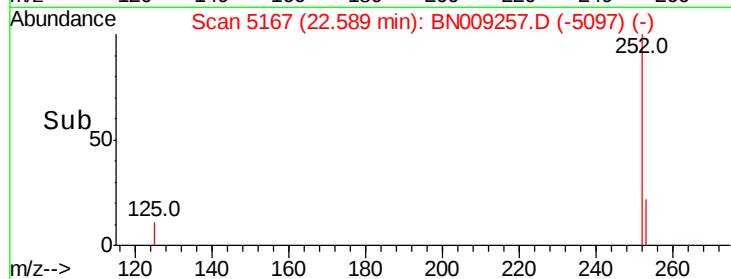
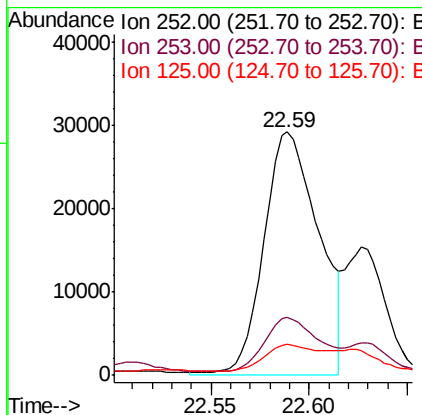
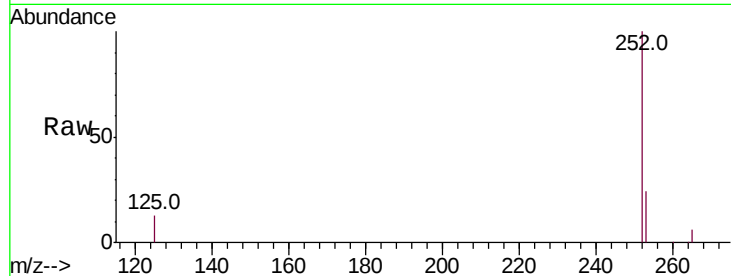
ClientSampleId :

C0C35

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	48.2
125	12.6	0.0	30.0

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#22

Benzo(k)fluoranthene

Concen: 0.704 ng/ul m

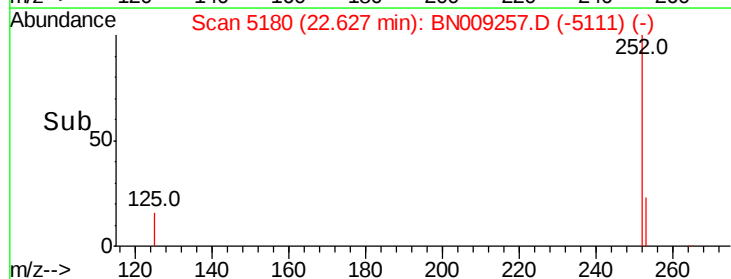
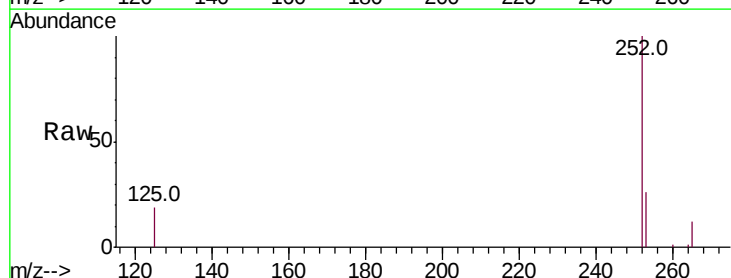
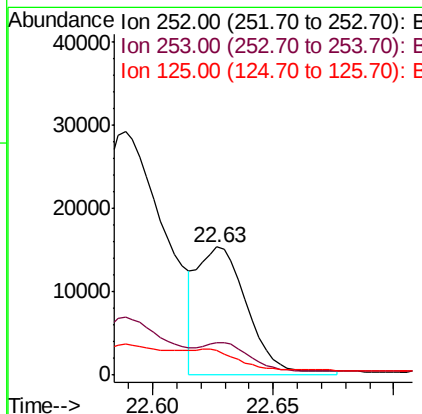
RT: 22.63 min Scan# 5180

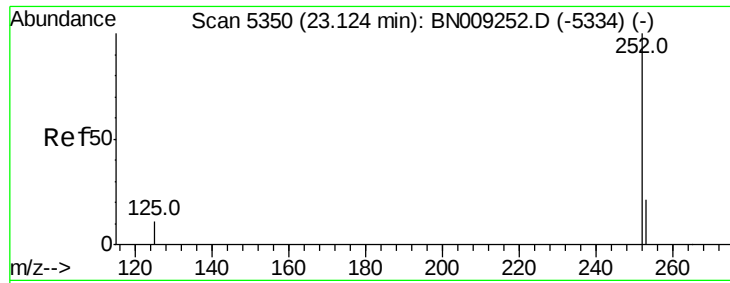
Delta R.T. 0.00 min

Lab File: BN009257.D

Acq: 30 Dec 2019 13:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.4	29.0
125	18.9	12.4	18.6





#23

Benzo(a)pyrene

Concen: 0.941 ng/uL

RT: 23.12 min Scan# 5350

Delta R.T. -0.00 min

Lab File: BN009257.D

Acq: 30 Dec 2019 13:31

Instrument :

BNA_N

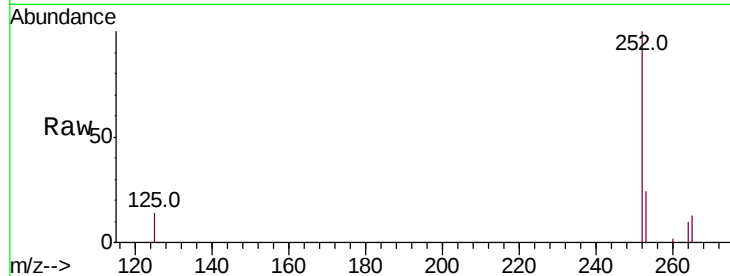
ClientSampleId :

C0C35

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.2	30.4
125	14.4	13.2	19.8

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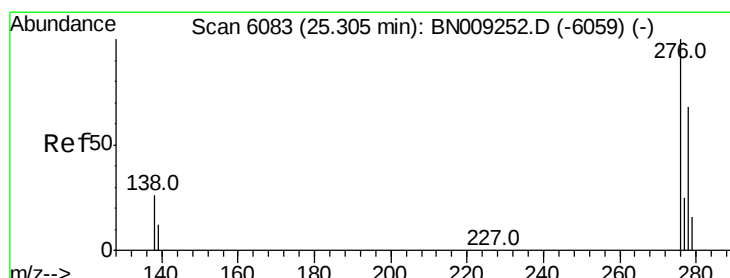
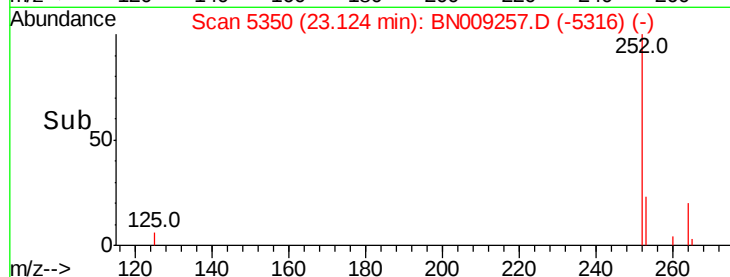
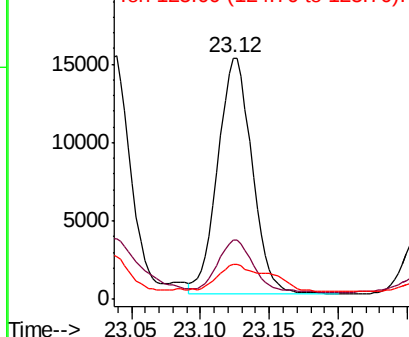


Abundance

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.522 ng/uL

RT: 25.31 min Scan# 6084

Delta R.T. 0.00 min

Lab File: BN009257.D

Acq: 30 Dec 2019 13:31

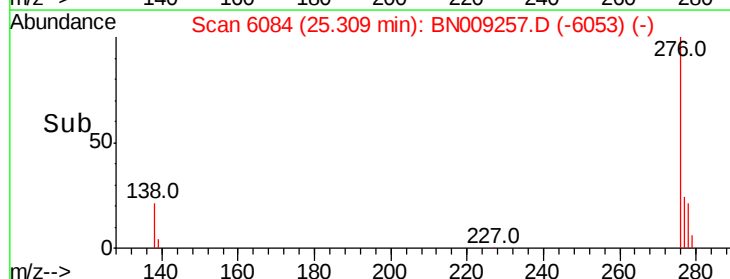
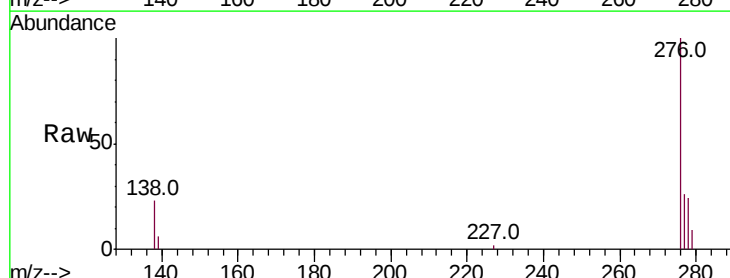
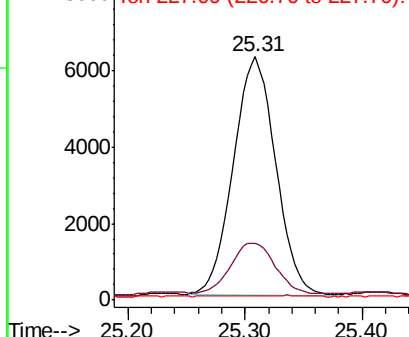
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	22.4	33.6
227	0.0	0.2	0.4#

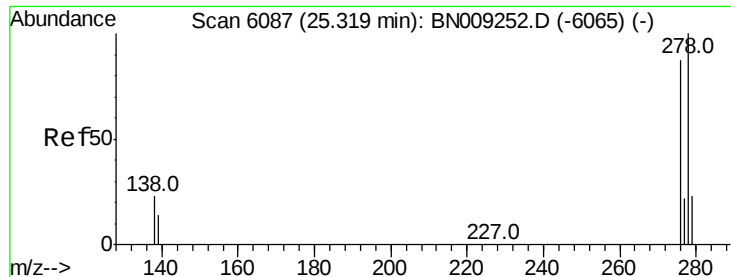
Abundance

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





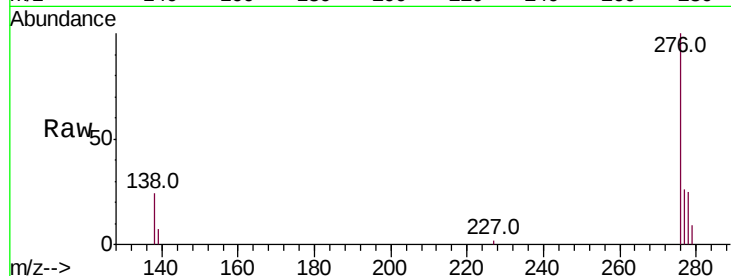
#25
Dibenzo(a,h)anthracene
Concen: 0.179 ng/ul
RT: 25.31 min Scan# 6085
Delta R.T. -0.01 min
Lab File: BN009257.D
Acq: 30 Dec 2019 13:31

Instrument :
BNA_N
ClientSampleId :
C0C35

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.7	16.2	24.2#
279	37.6	20.3	30.5#

Manual Integrations
APPROVED

mohammad
12/31/2019 8:27:52 AM

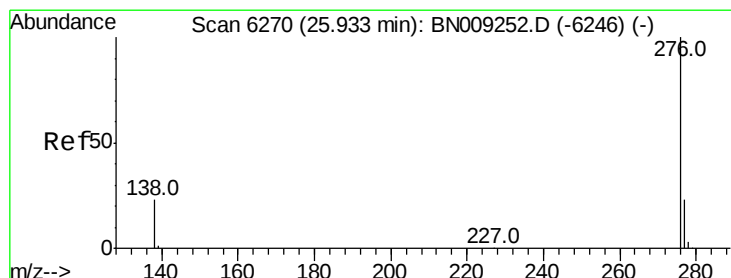
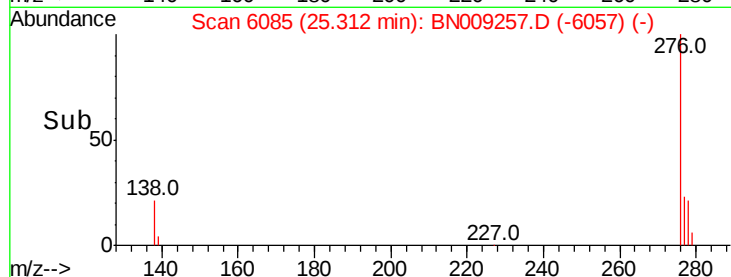
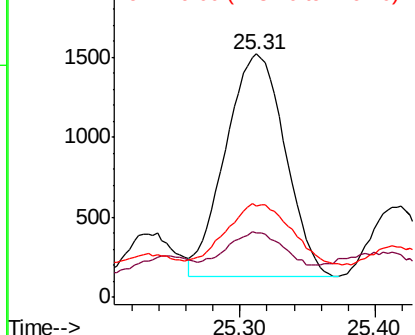


Abundance

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(g,h,i)perylene
Concen: 0.452 ng/ul
RT: 25.95 min Scan# 6274
Delta R.T. 0.01 min
Lab File: BN009257.D
Acq: 30 Dec 2019 13:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.6	30.8
277	25.1	19.6	29.4

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

