

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009240.D
 Acq On : 28 Dec 2019 22:16
 Operator : JU
 Sample : K6278-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C69

Manual Integrations
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Quant Time: Dec 29 05:38:35 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 : Sun Dec 29 04:38:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2233	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8190	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4509	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9193m	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7312	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7550	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	2891	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	6031	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	3520	0.142	ng/ul#	95
5) 2-Methylnaphthalene	11.93	142	2075	0.111	ng/ul	99
7) Acenaphthylene	13.85	152	1460	0.062	ng/ul#	85
8) Acenaphthene	14.20	153	454	0.024	ng/ul#	93
9) Fluorene	15.19	166	492	0.022	ng/ul#	85
12) Phenanthrene	16.93	178	9595	0.300	ng/ul	98
13) Anthracene	17.02	178	1607	0.056	ng/ul#	86
15) Fluoranthene	18.95	202	15644	0.428	ng/ul	100
17) Pyrene	19.32	202	14027	0.376	ng/ul	100
18) Benzo(a)anthracene	21.07	228	7287	0.224	ng/ul#	92
19) Chrysene	21.12	228	9572	0.293	ng/ul#	94
21) Benzo(b)fluoranthene	22.59	252	12715m	0.361	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	3955m	0.111	ng/ul	
23) Benzo(a)pyrene	23.12	252	7631	0.247	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.30	276	6699	0.199	ng/ul#	47
25) Dibenzo(a,h)anthracene	25.31	278	2160	0.081	ng/ul#	49
26) Benzo(a,h,i)perylene	25.94	276	8480	0.299	ng/ul	95

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

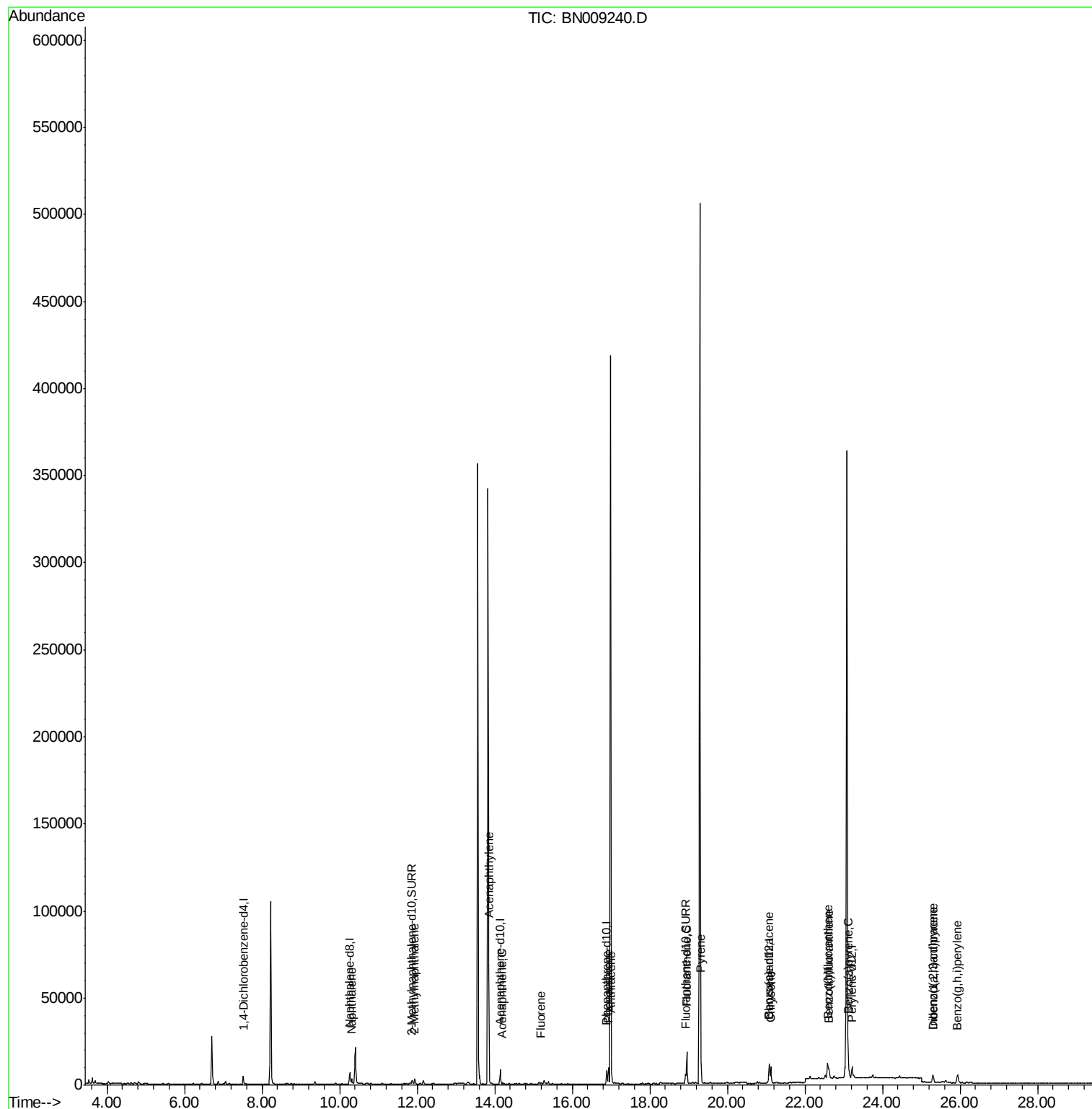
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
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ALS Vial : 23 Sample Multiplier: 1

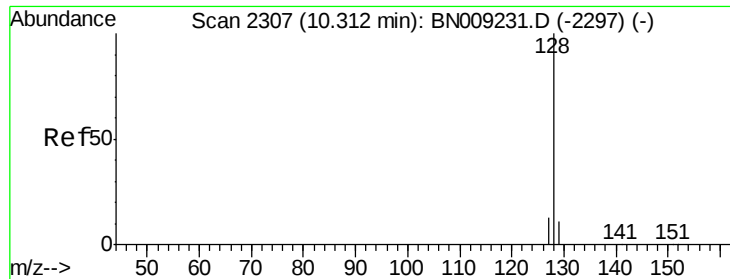
Instrument :
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C0C69

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Quant Time: Dec 29 05:38:35 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 : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.142 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BN009240.D

Acq: 28 Dec 2019 22:16

Instrument :

BNA_N

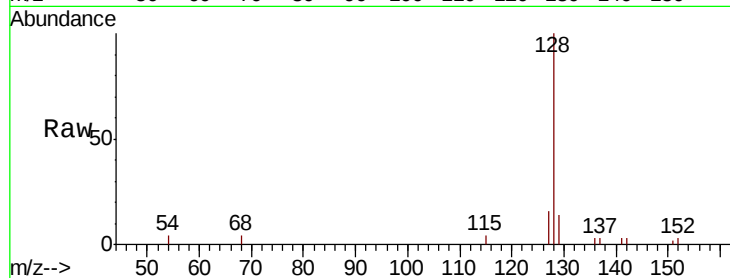
ClientSampleId :

C0C69

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.0	13.4#
127	15.5	10.9	16.3

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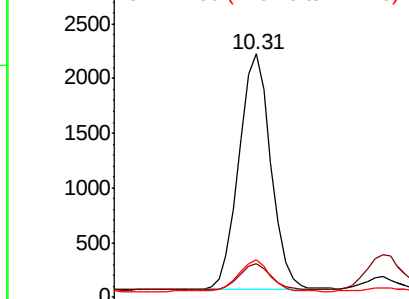


Abundance

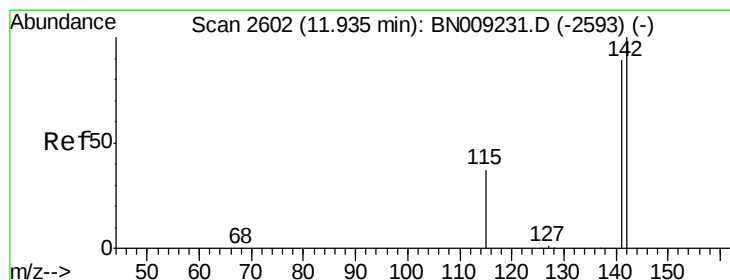
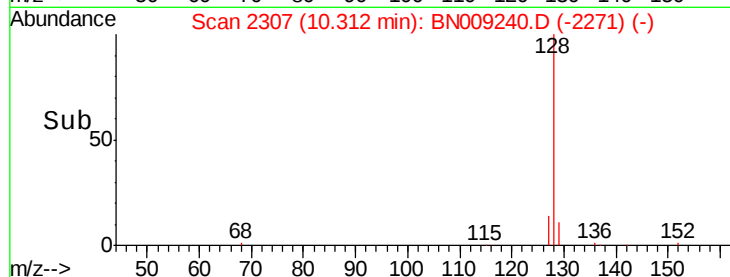
Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.111 ng/ul

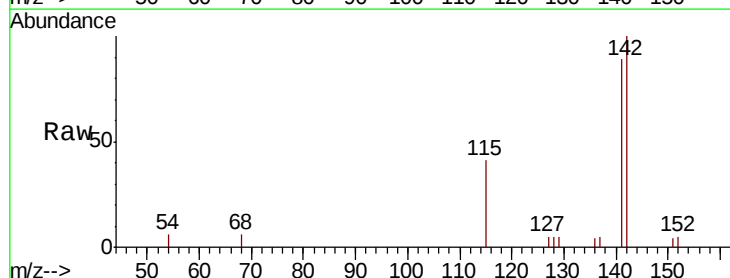
RT: 11.93 min Scan# 2602

Delta R.T. 0.00 min

Lab File: BN009240.D

Acq: 28 Dec 2019 22:16

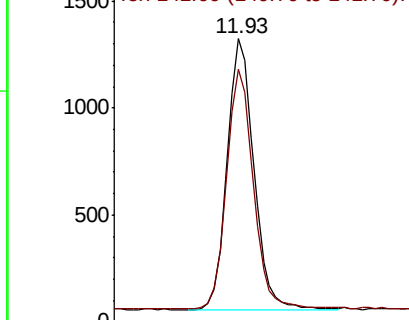
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.2	105.4



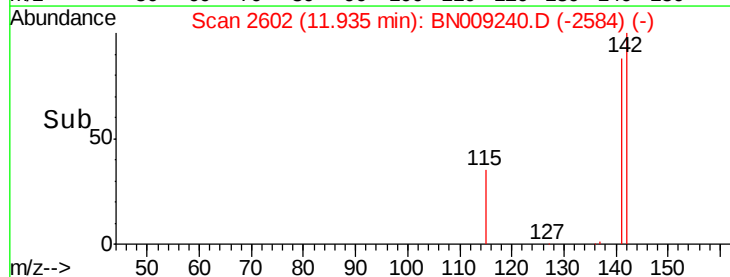
Abundance

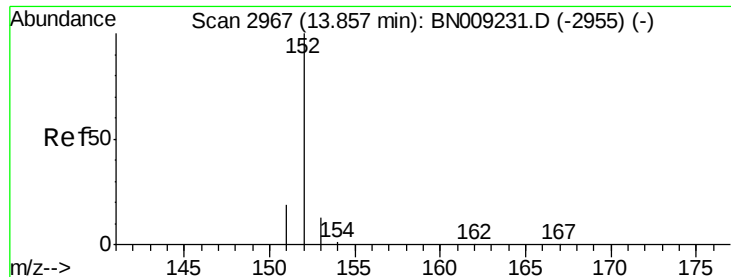
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.062 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BN009240.D

Acq: 28 Dec 2019 22:16

Instrument :

BNA_N

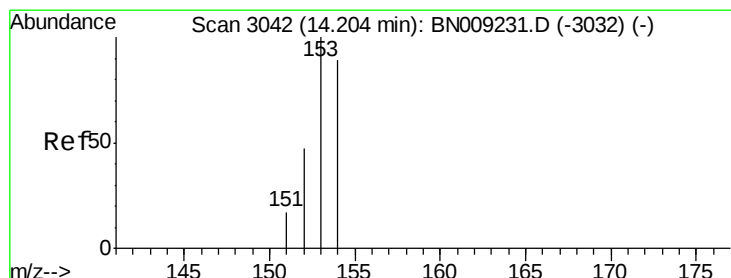
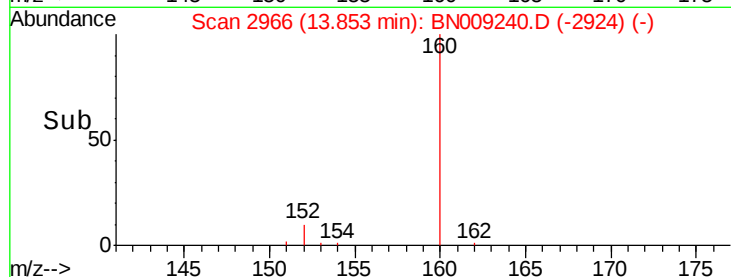
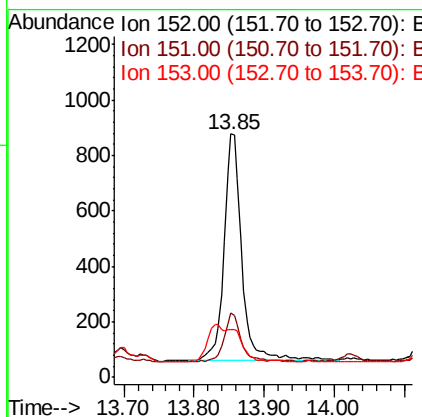
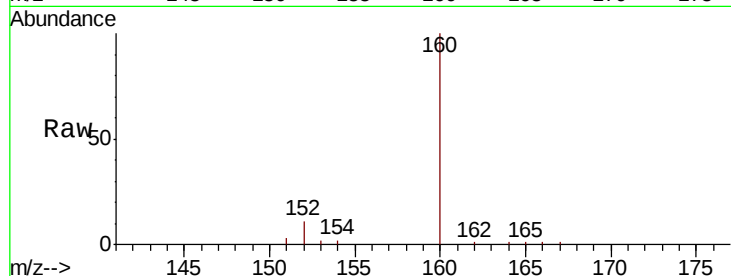
ClientSampleId :

C0C69

Tot Ion:	152	Resp:	1460
Ion Ratio	Lower	Upper	
152	100		
151	26.3	15.7	23.5#
153	19.7	10.8	16.2#

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#8

Acenaphthene

Concen: 0.024 ng/ul

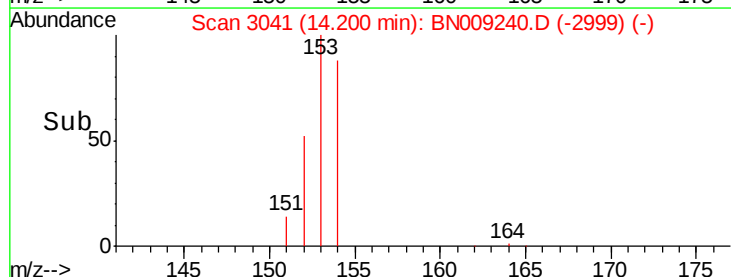
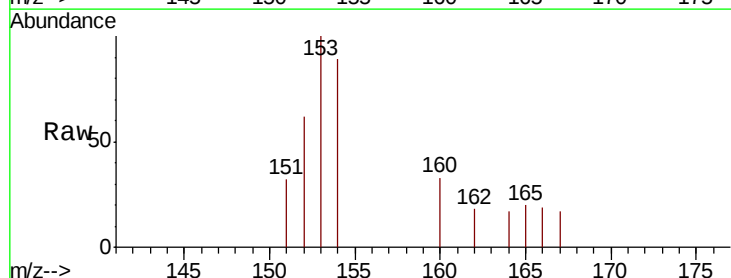
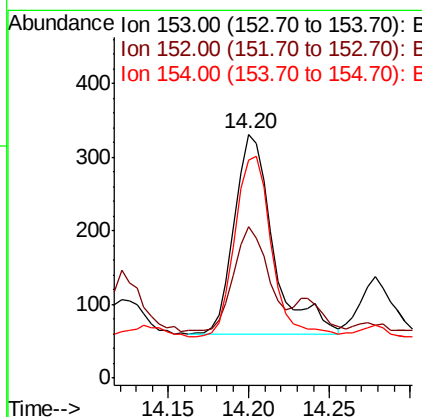
RT: 14.20 min Scan# 3041

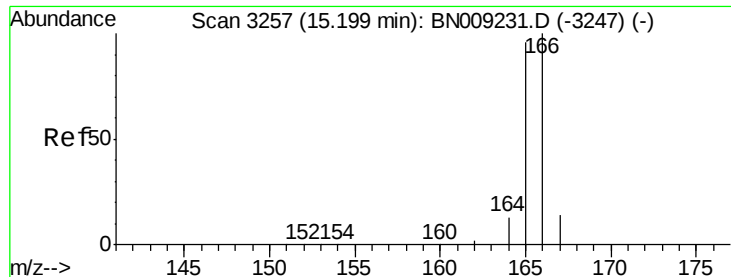
Delta R.T. -0.00 min

Lab File: BN009240.D

Acq: 28 Dec 2019 22:16

Tgt Ion:	153	Resp:	454
Ion Ratio	Lower	Upper	
153	100		
152	61.9	39.5	59.3#
154	89.4	71.3	106.9





#9

Fluorene

Concen: 0.022 ng/ul

RT: 15.19 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BN009240.D

Acq: 28 Dec 2019 22:16

Instrument :

BNA_N

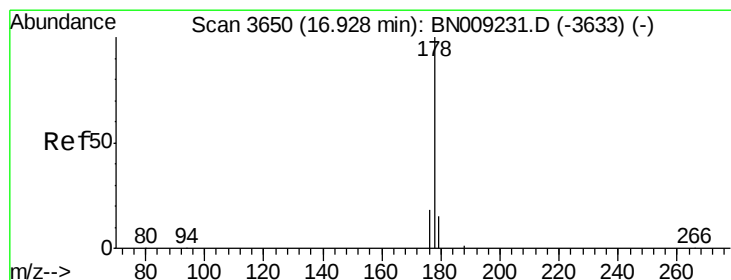
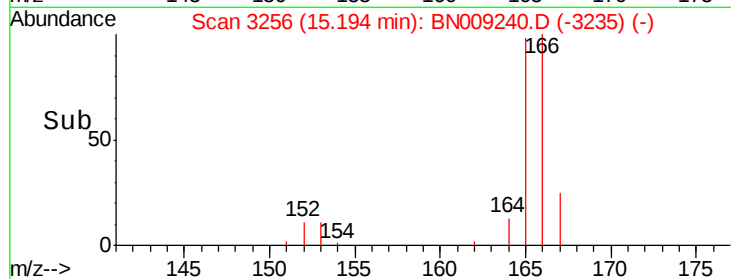
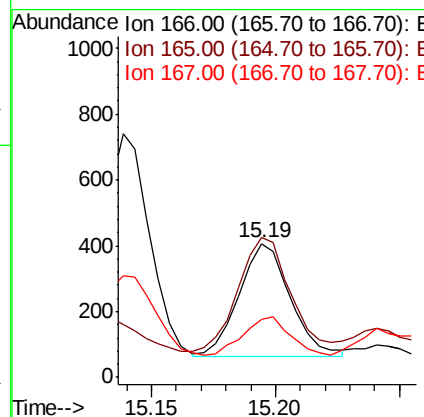
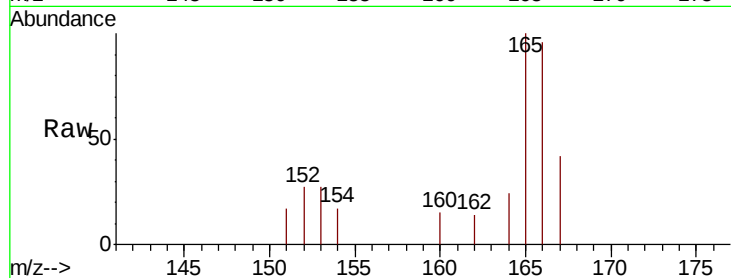
ClientSampleId :

C0C69

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.2	78.2	117.4
167	43.2	11.0	16.6

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#12

Phenanthrene

Concen: 0.300 ng/ul

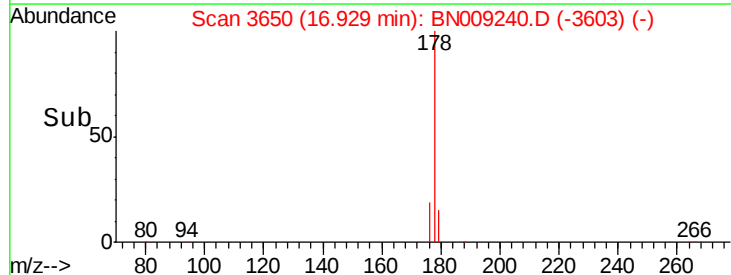
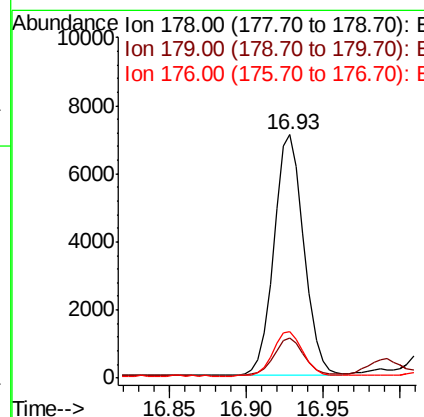
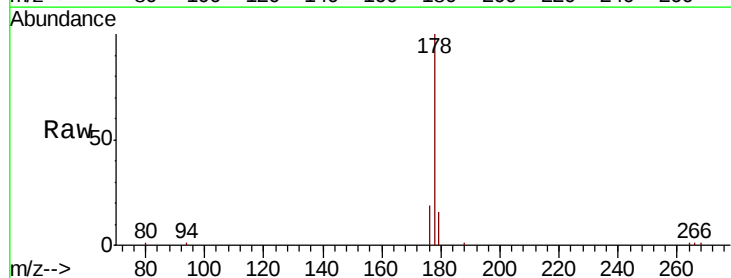
RT: 16.93 min Scan# 3650

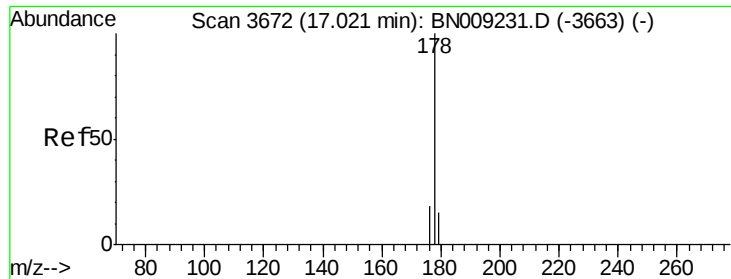
Delta R.T. 0.00 min

Lab File: BN009240.D

Acq: 28 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	19.3	15.1	22.7





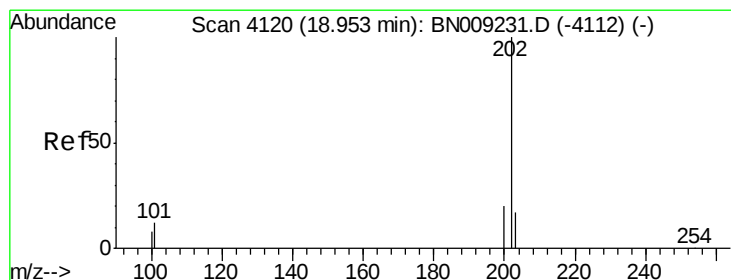
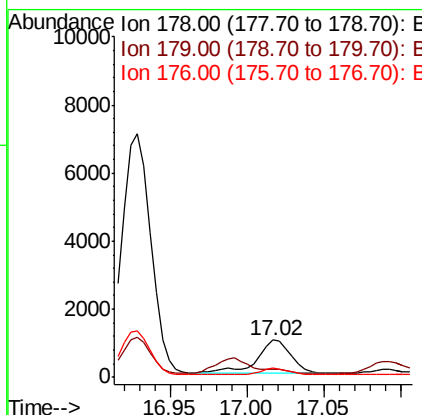
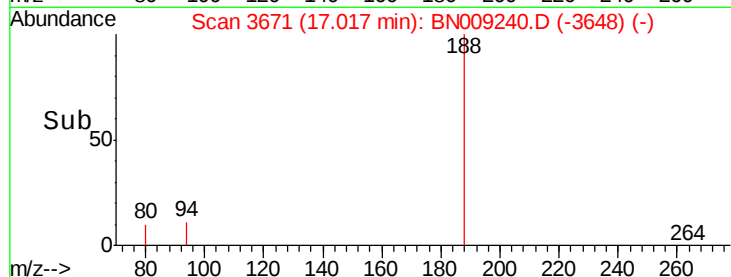
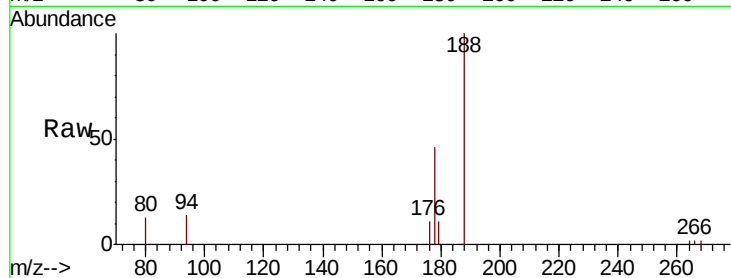
#13
 Anthracene
 Concen: 0.056 ng/ul
 RT: 17.02 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BN009240.D
 Acq: 28 Dec 2019 22:16

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion:178 Resp: 1607
 Ion Ratio Lower Upper
 178 100
 179 23.2 12.5 18.7#
 176 23.5 14.9 22.3#

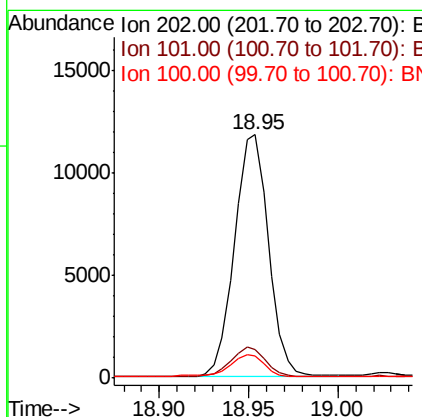
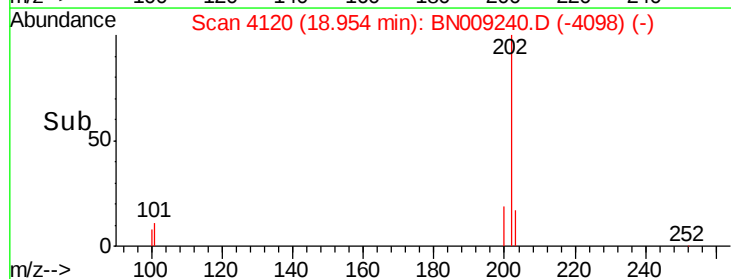
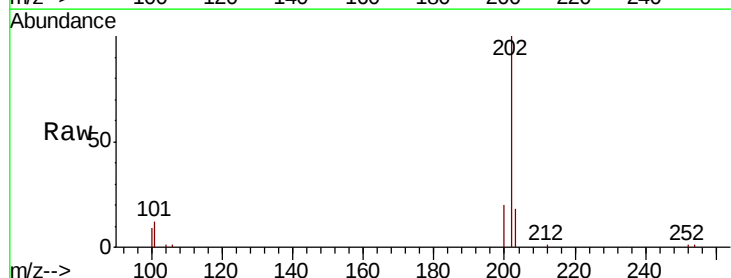
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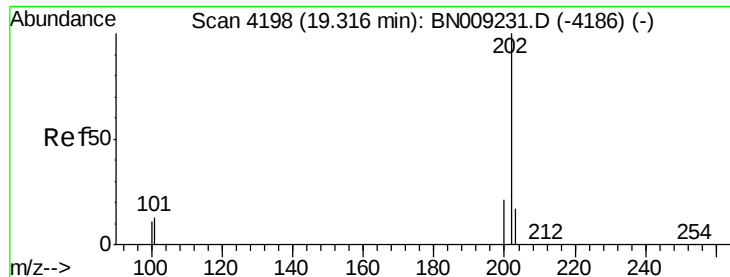
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#15
 Fluoranthene
 Concen: 0.428 ng/ul
 RT: 18.95 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: BN009240.D
 Acq: 28 Dec 2019 22:16

Tgt Ion:202 Resp: 15644
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 31.5
 100 9.0 0.0 28.9





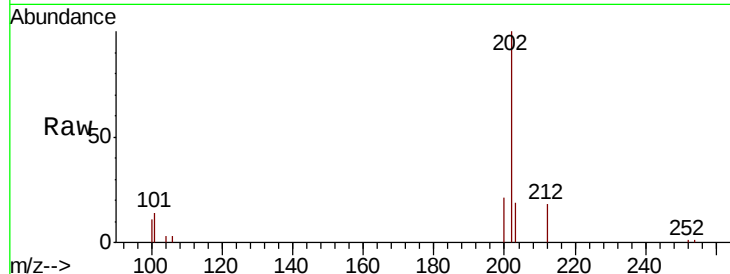
#17
Pvrene
Concen: 0.376 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009240.D
Acq: 28 Dec 2019 22:16

Instrument :
BNA_N
ClientSampleId :
C0C69

Tot Ion	Ratio	Resp	Lower	Upper
202	100	14027		
101	13.7		10.9	16.3
100	11.0		9.0	13.6

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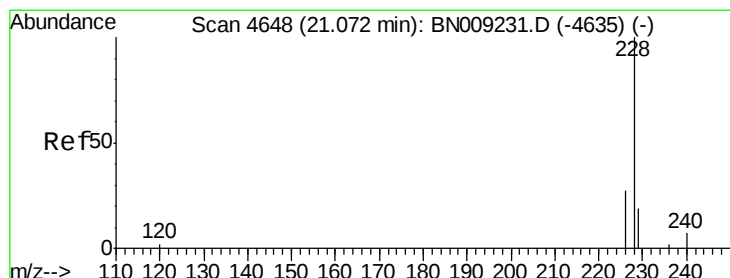
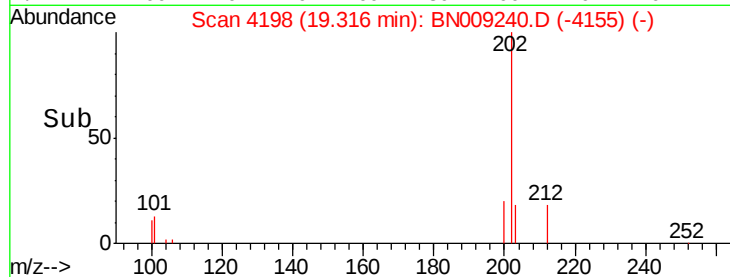
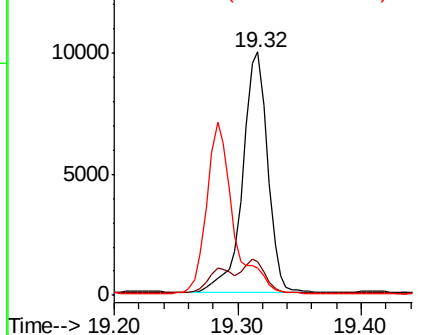


Abundance

Ion 202.00 (201.70 to 202.70): E

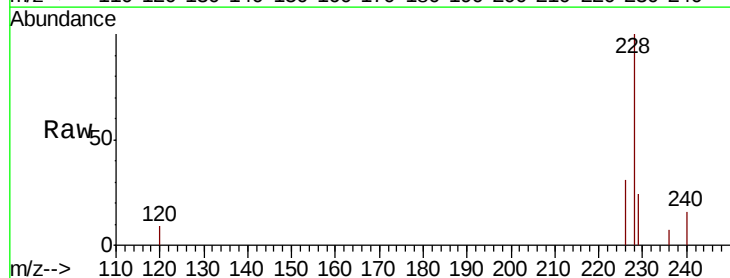
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18
Benzo(a)anthracene
Concen: 0.224 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. -0.00 min
Lab File: BN009240.D
Acq: 28 Dec 2019 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	7287		
229	24.1		15.5	23.3#
226	30.6		21.7	32.5

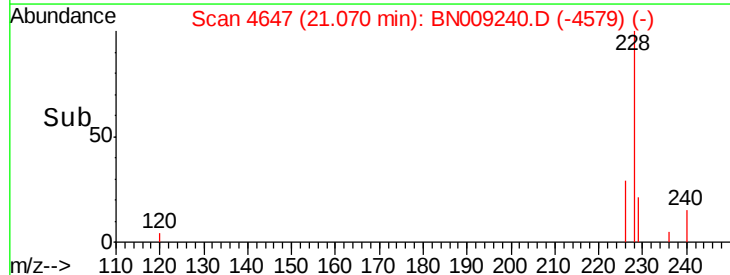
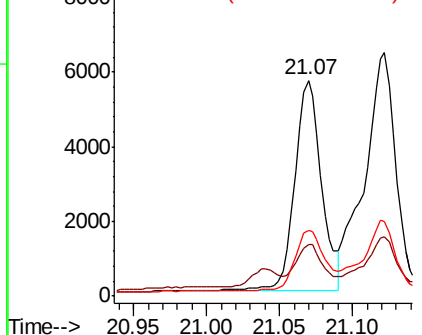


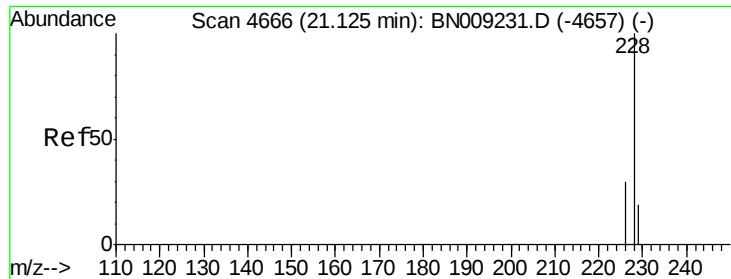
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.293 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. -0.00 min

Lab File: BN009240.D

Acq: 28 Dec 2019 22:16

Instrument :

BNA_N

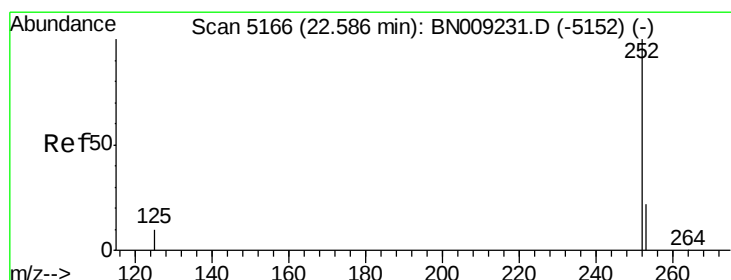
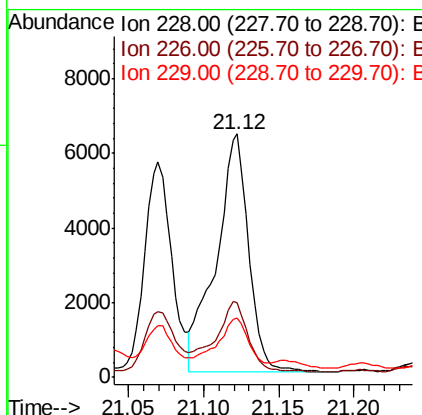
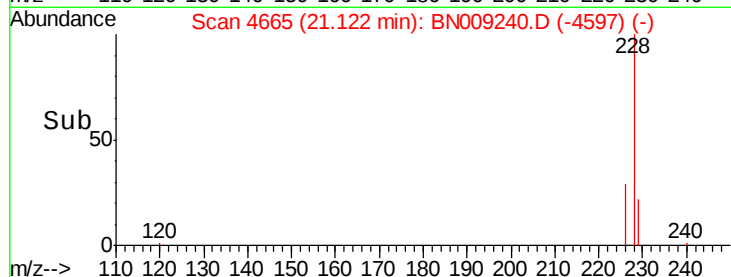
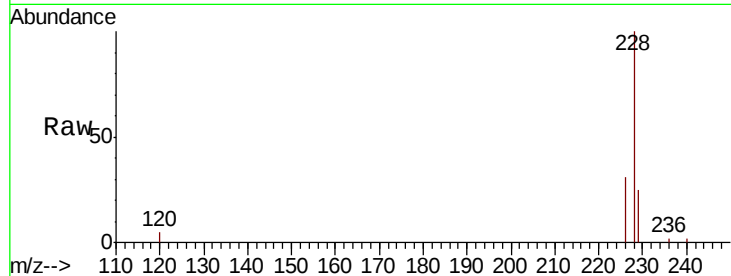
ClientSampleId :

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Tot Ion:	228	Resp:	9572
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.7	35.5
229	24.5	15.4	23.0#

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#21

Benzo(b)fluoranthene

Concen: 0.361 ng/ul m

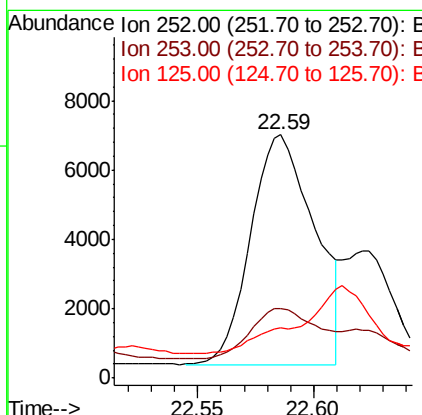
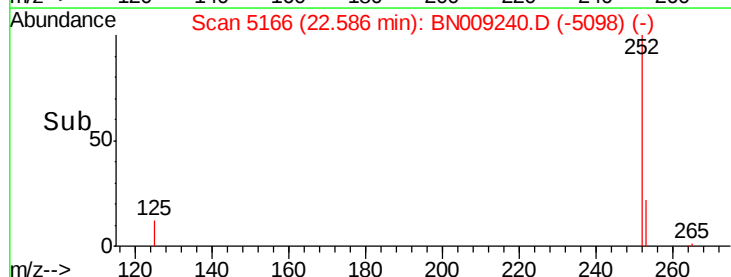
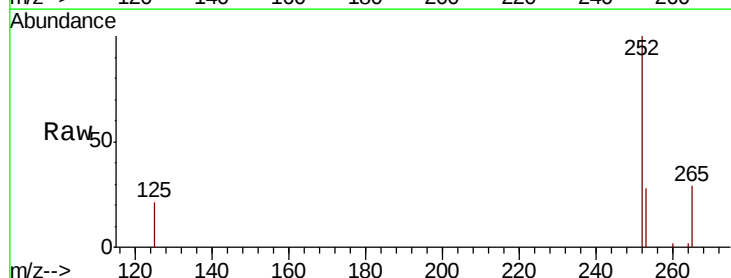
RT: 22.59 min Scan# 5166

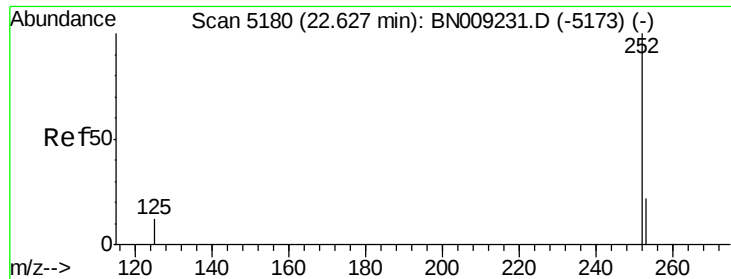
Delta R.T. 0.00 min

Lab File: BN009240.D

Acq: 28 Dec 2019 22:16

Tgt Ion:	252	Resp:	12715
Ion Ratio	Lower	Upper	
252	100		
253	28.5	0.0	48.2
125	20.8	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.111 ng/ul m

RT: 22.62 min Scan# 5178

Delta R.T. -0.01 min

Lab File: BN009240.D

Acq: 28 Dec 2019 22:16

Instrument :

BNA_N

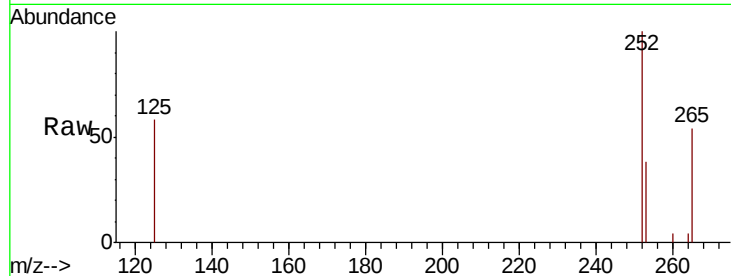
ClientSampleId :

C0C69

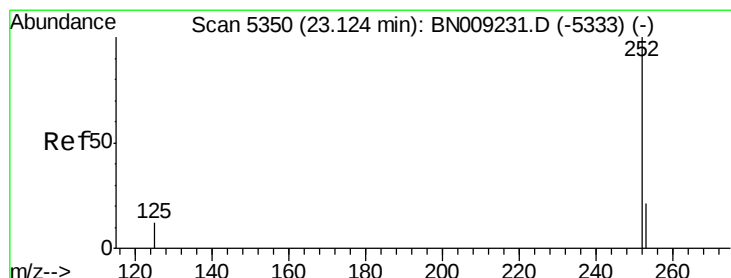
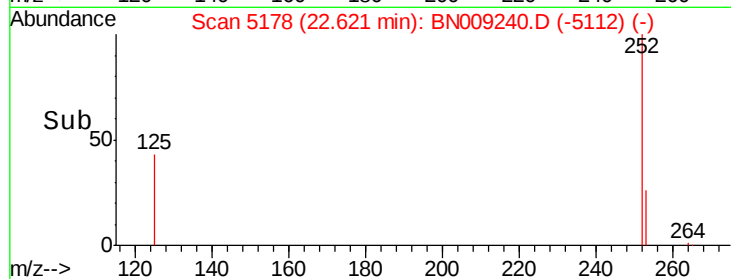
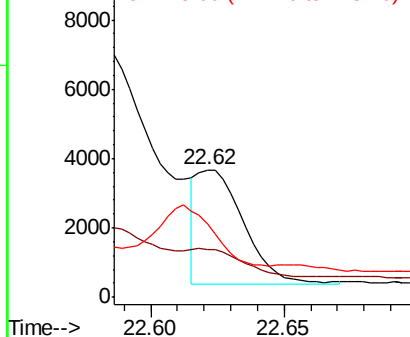
Tot Ion:	252	Resp:	3955
Ion Ratio	Lower	Upper	
252	100		
253	37.7	19.4	29.0#
125	57.6	12.4	18.6#

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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: 0.247 ng/ul

RT: 23.12 min Scan# 5349

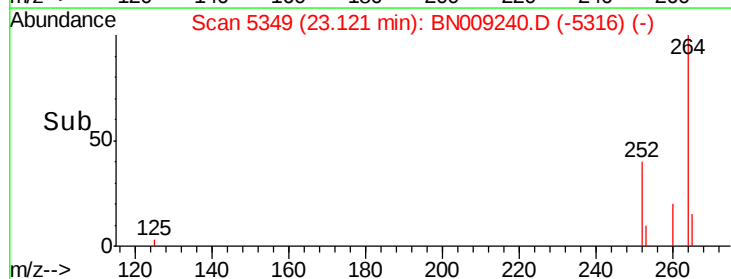
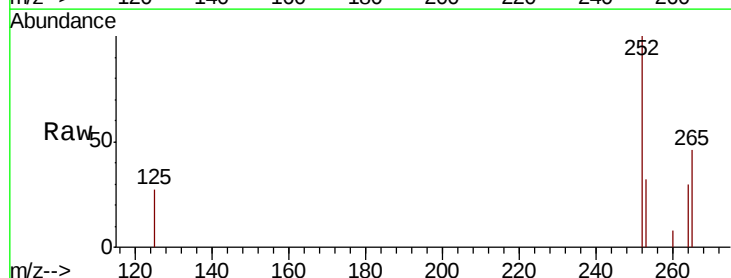
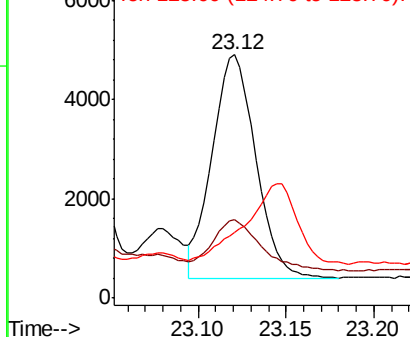
Delta R.T. -0.00 min

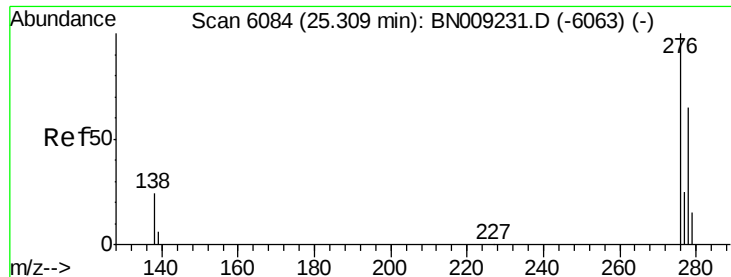
Lab File: BN009240.D

Acq: 28 Dec 2019 22:16

Tgt Ion:	252	Resp:	7631
Ion Ratio	Lower	Upper	
252	100		
253	32.1	20.2	30.4#
125	27.2	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





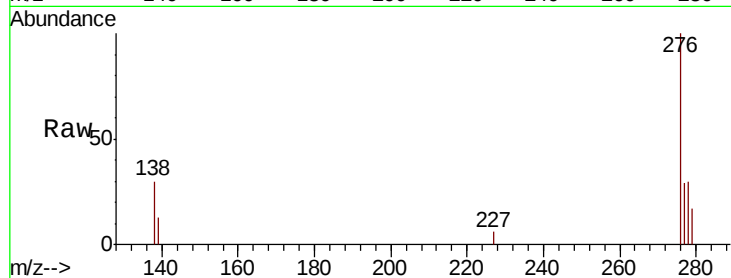
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng/uL
RT: 25.30 min Scan# 6081
Delta R.T. -0.01 min
Lab File: BN009240.D
Acq: 28 Dec 2019 22:16

Instrument :
BNA_N
ClientSampleId :
C0C69

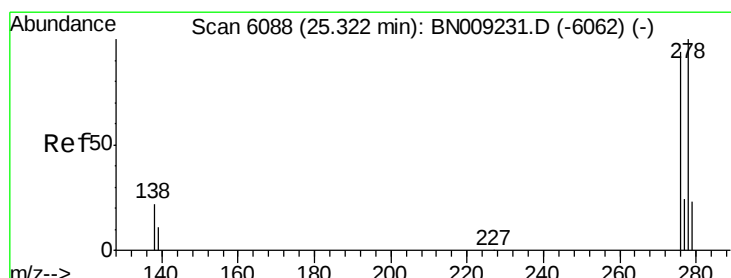
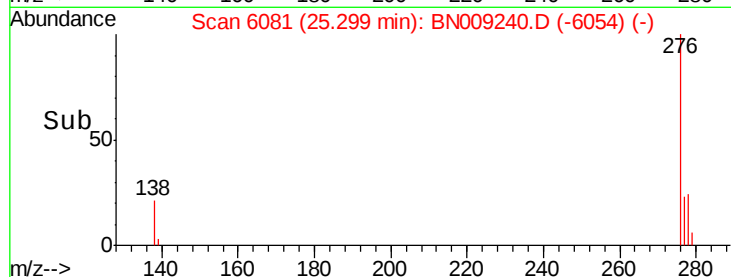
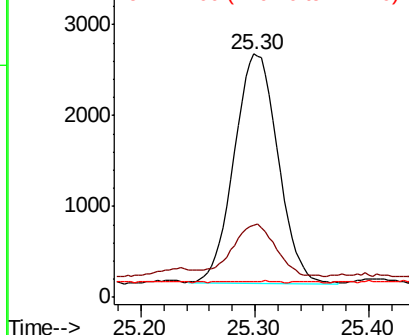
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.4	33.6#
227	0.1	0.2	0.4#

Manual Integrations
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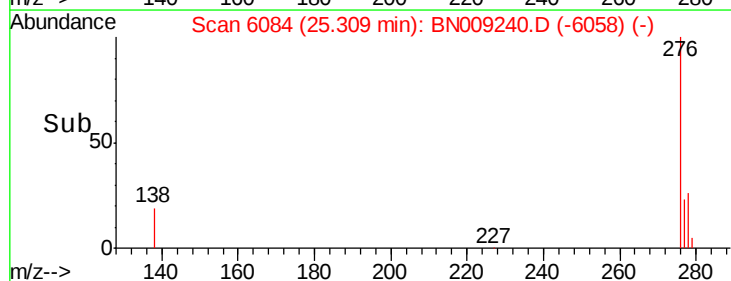
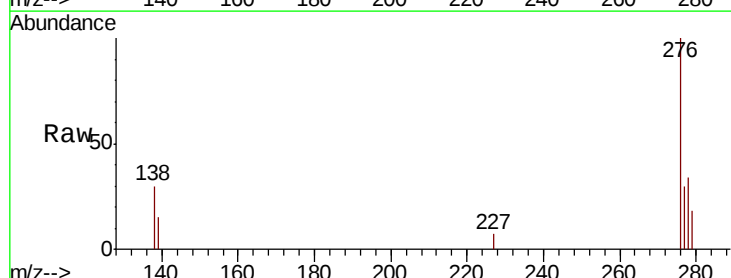
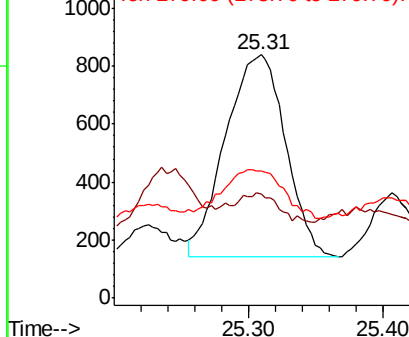
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

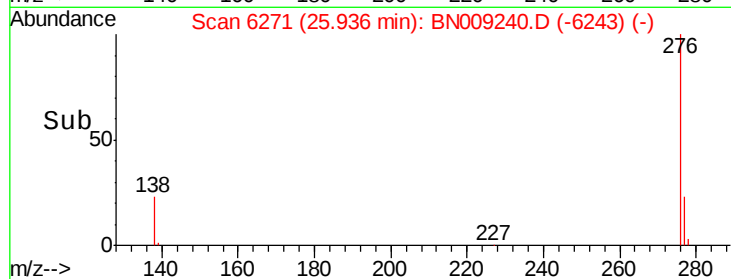
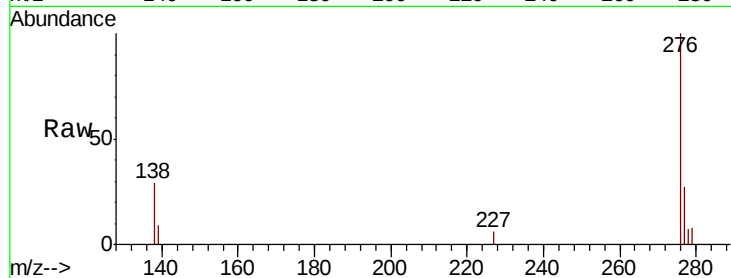
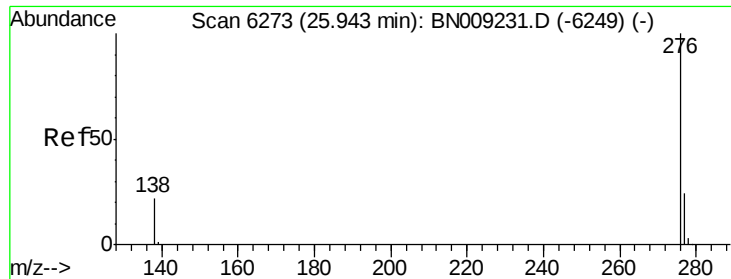


#25
Dibenzo(a,h)anthracene
Concen: 0.081 ng/uL
RT: 25.31 min Scan# 6084
Delta R.T. -0.01 min
Lab File: BN009240.D
Acq: 28 Dec 2019 22:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.7	16.2	24.2#
279	52.1	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: 0.299 ng/ul
RT: 25.94 min Scan# 6271
Delta R.T. -0.01 min
Lab File: BN009240.D
Acq: 28 Dec 2019 22:16

Tot Ion:	276	Resp:	8480
Ion Ratio	Lower	Upper	
276	100		
138	28.7	20.6	30.8
277	26.9	19.6	29.4

Instrument :
BNA_N
ClientSampleId :
C0C69

Manual Integrations
APPROVED

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