

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
 Data File : BN008810.D
 Acq On : 02 Dec 2019 12:31
 Operator : JU
 Sample : K5851-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA1

Manual Integrations
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Quant Time: Dec 02 13:18:00 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 : Mon Dec 02 12:46:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4639	0.40	ng/ul	0.00
2) Naphthalene-d8	10.34	136	18893	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	11216	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	24161m	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	20479	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	20680	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	8268	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	20486	0.28	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	15477	0.272	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	9033	0.227	ng/ul	100
7) Acenaphthylene	13.92	152	31808	0.513	ng/ul	99
8) Acenaphthene	14.27	153	2483	0.054	ng/ul	97
9) Fluorene	15.26	166	6764	0.125	ng/ul#	97
11) Pentachlorophenol	16.61	266	579	0.063	ng/ul	98
12) Phenanthrene	16.99	178	53217	0.653	ng/ul	99
13) Anthracene	17.08	178	25331	0.329	ng/ul	98
15) Fluoranthene	19.02	202	220666	2.204	ng/ul	100
17) Pyrene	19.39	202	189123	2.302	ng/ul	95
18) Benzo(a)anthracene	21.14	228	139800	1.698	ng/ul	95
19) Chrysene	21.19	228	132469	1.638	ng/ul	98
21) Benzo(b)fluoranthene	22.68	252	184551m	2.164	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	62132m	0.735	ng/ul	
23) Benzo(a)pyrene	23.23	252	123814	1.547	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.44	276	76158	0.814	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.45	278	17768	0.235	ng/ul#	76
26) Benzo(g,h,i)perylene	26.08	276	75550	0.965	ng/ul	100

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

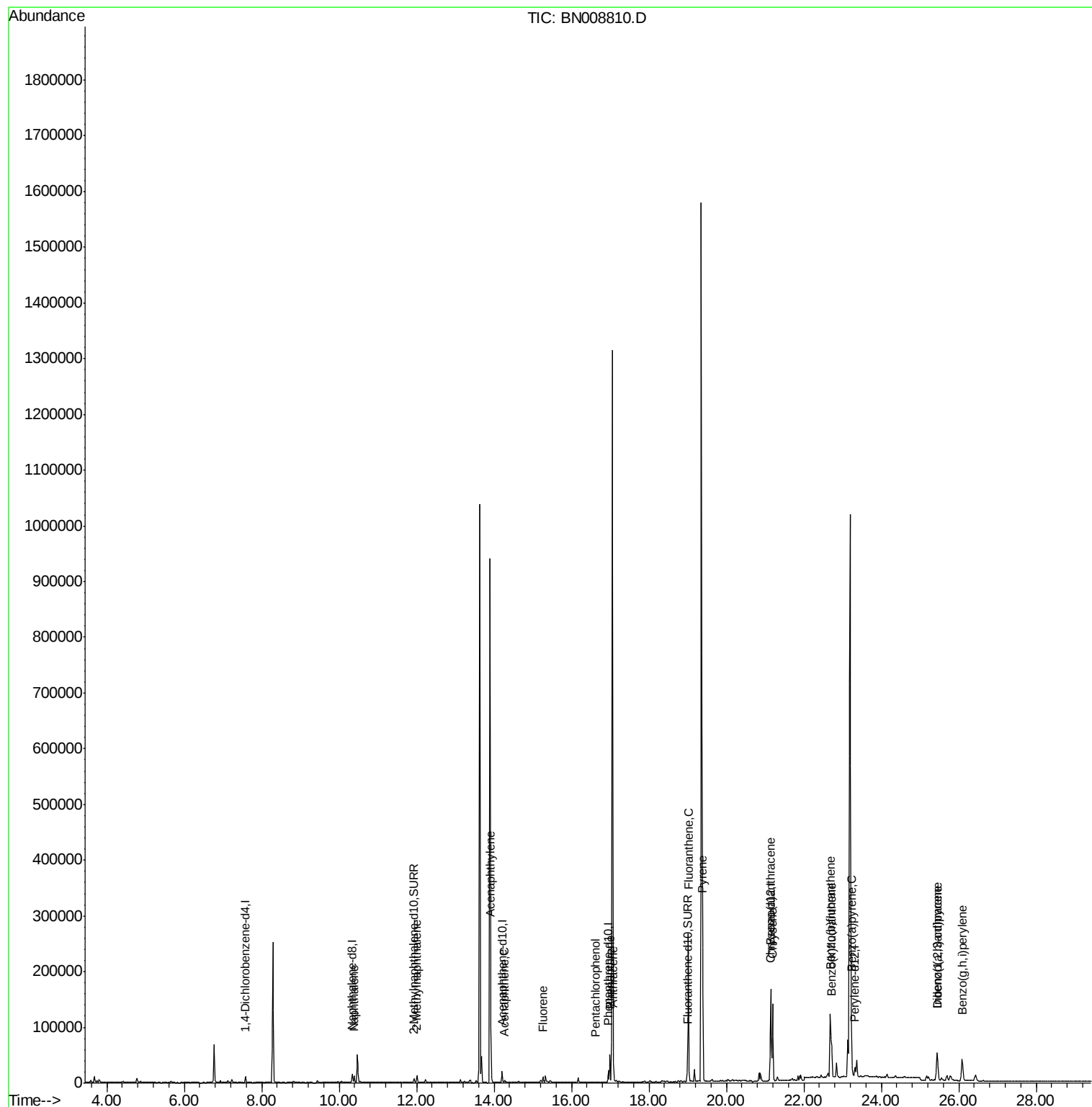
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
Data File : BN008810.D
Acq On : 02 Dec 2019 12:31
Operator : JU
Sample : K5851-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

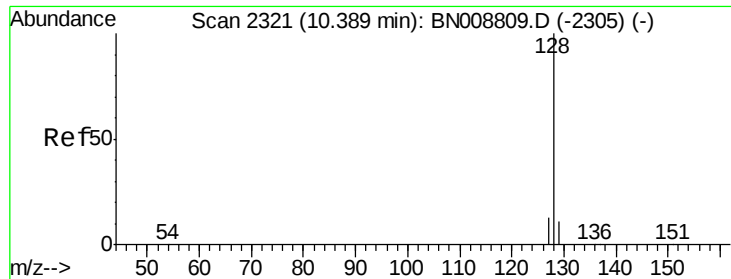
Instrument :
BNA_N
ClientSampleId :
C0AA1

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Quant Time: Dec 02 13:18:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration





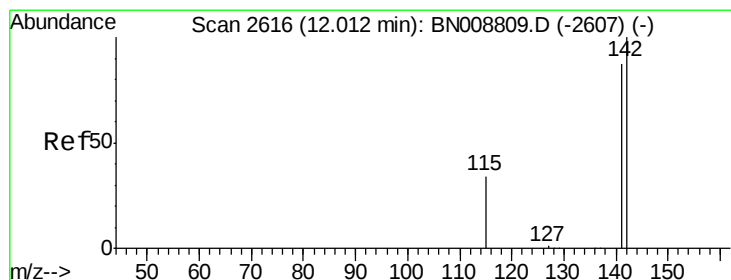
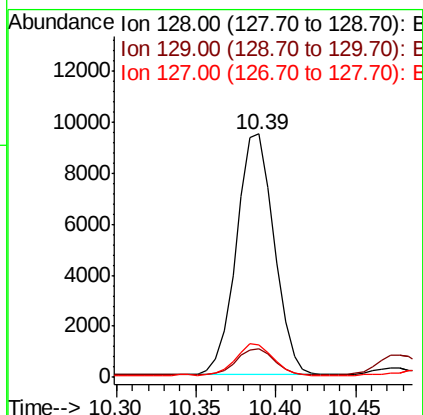
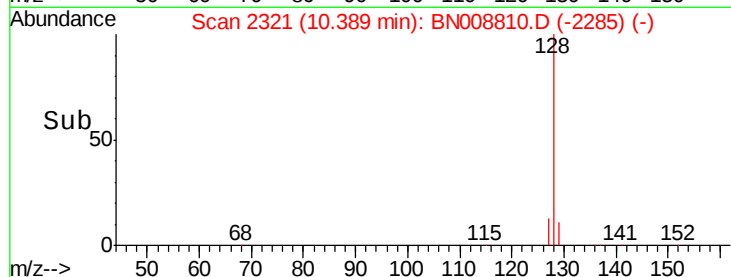
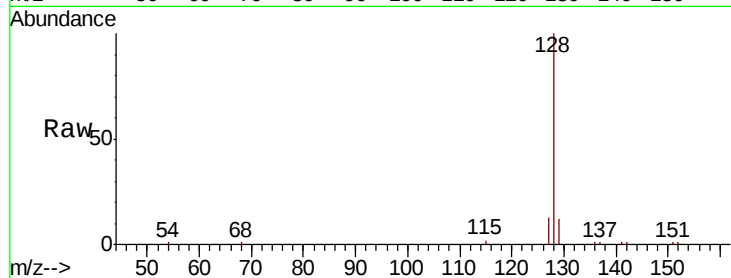
#3
Naphthalene
Concen: 0.272 ng/ul
RT: 10.39 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BN008810.D
Acq: 02 Dec 2019 12:31

Instrument :
BNA_N
ClientSampleId :
C0AA1

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.1	10.7	16.1

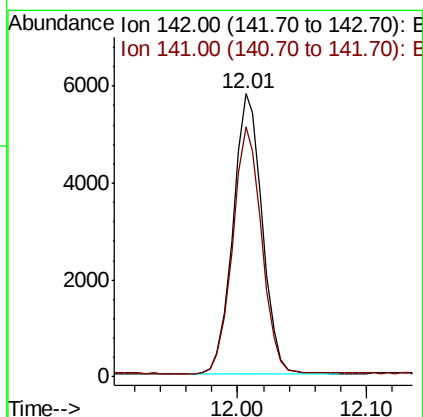
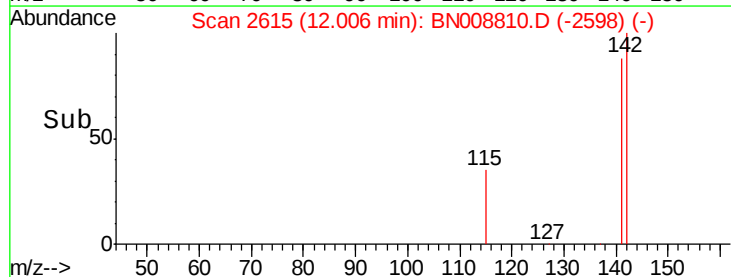
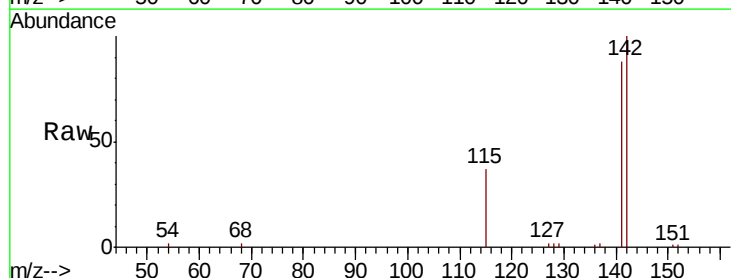
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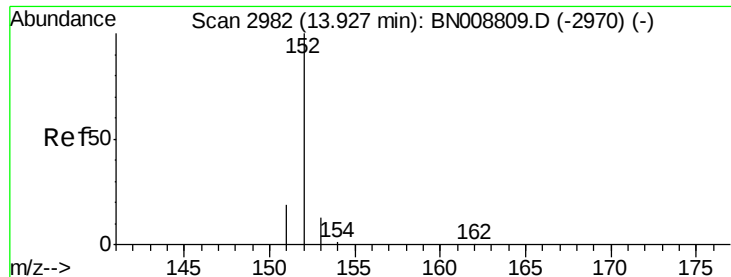
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#5
2-Methylnaphthalene
Concen: 0.227 ng/ul
RT: 12.01 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BN008810.D
Acq: 02 Dec 2019 12:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.1	105.1





#7

Acenaphthylene

Concen: 0.513 ng/ul

RT: 13.92 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BN008810.D

Acq: 02 Dec 2019 12:31

Instrument :

BNA_N

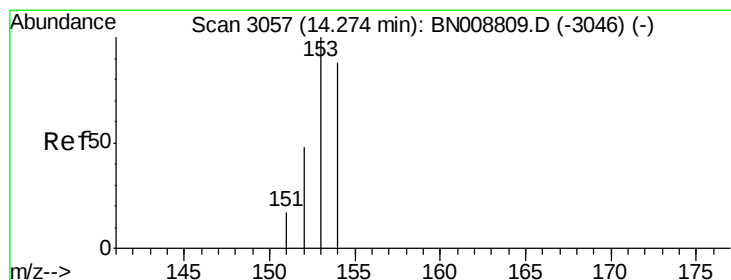
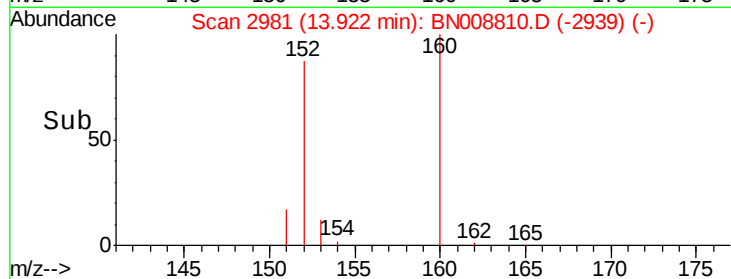
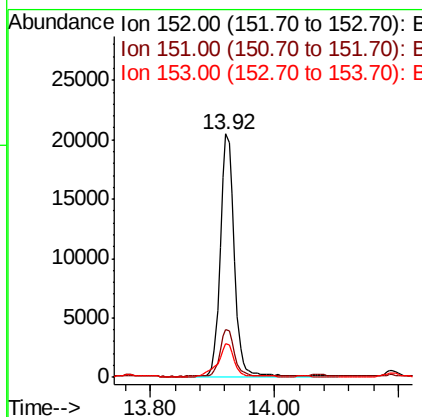
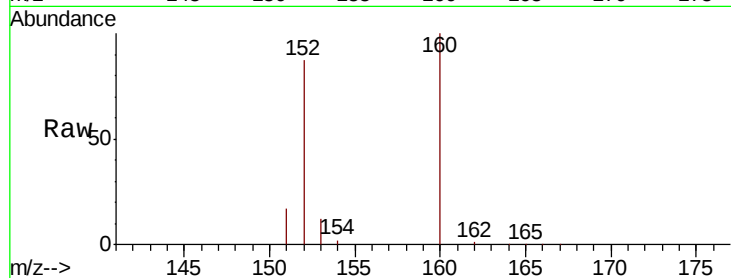
ClientSampled :

C0AA1

Tot Ion:	152	Resp:	31808
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.8	23.6
153	13.6	10.6	15.8

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#8

Acenaphthene

Concen: 0.054 ng/ul

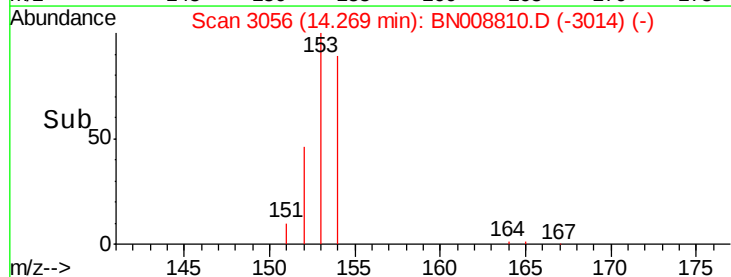
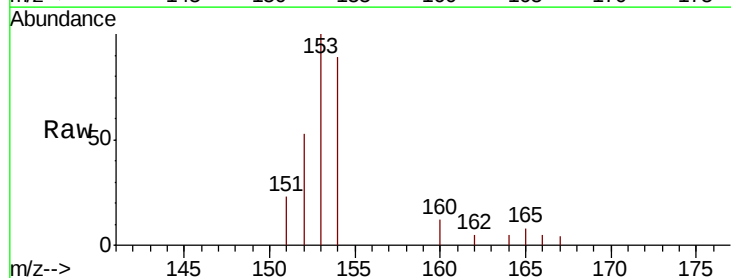
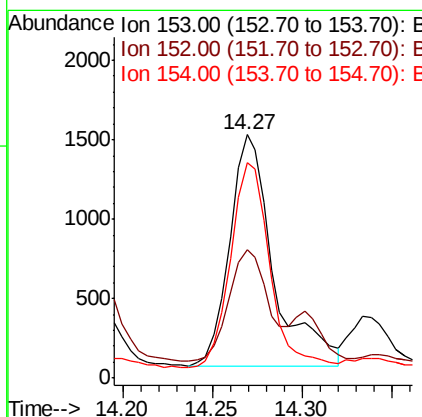
RT: 14.27 min Scan# 3056

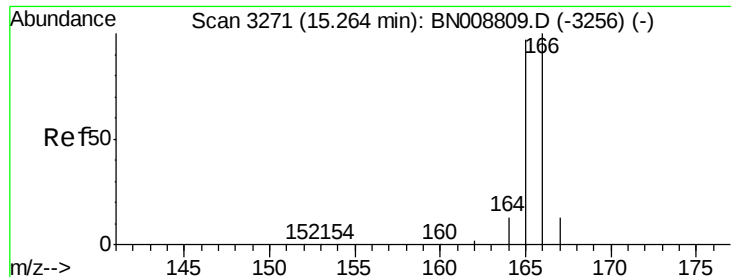
Delta R.T. -0.00 min

Lab File: BN008810.D

Acq: 02 Dec 2019 12:31

Tgt Ion:	153	Resp:	2483
Ion Ratio	Lower	Upper	
153	100		
152	52.7	38.6	58.0
154	88.6	70.6	105.8





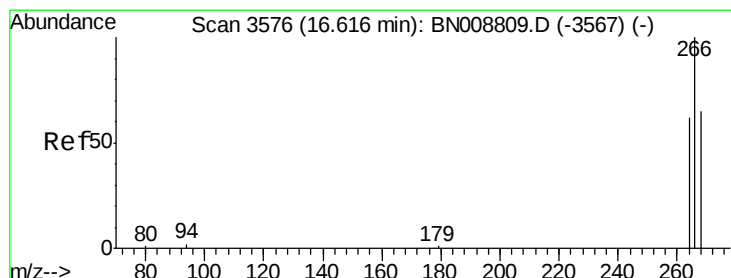
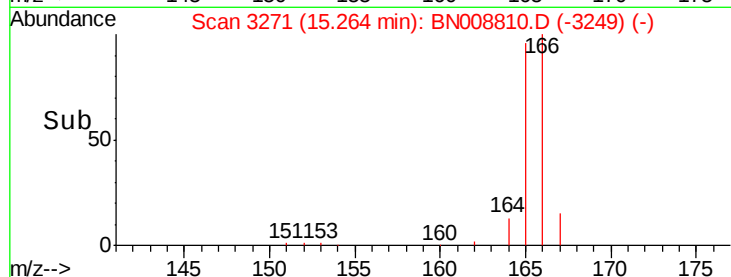
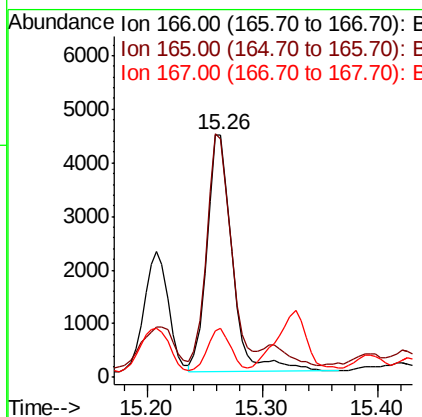
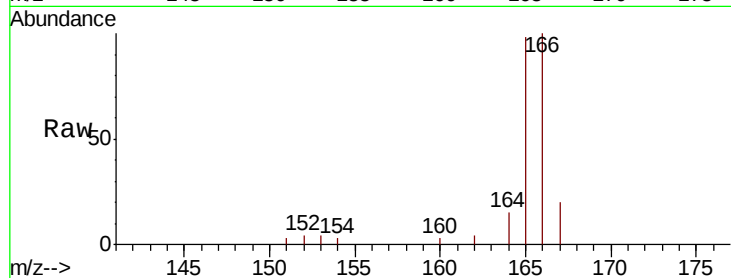
#9
Fluorene
 Concen: 0.125 ng/ul
 RT: 15.26 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: BN008810.D
 Acq: 02 Dec 2019 12:31

Instrument :
 BNA_N
 ClientSampleId :
 C0AA1

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.7	116.5
167	20.1	11.1	16.7#

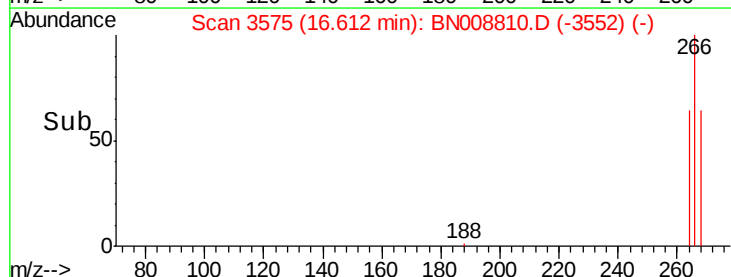
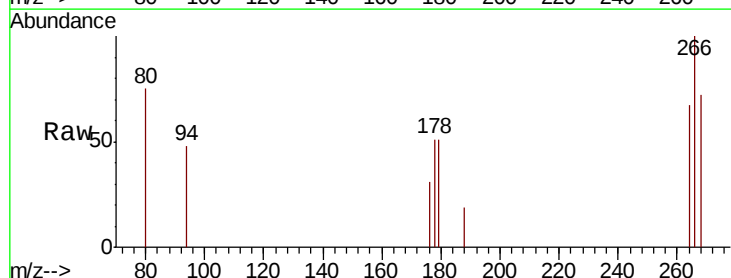
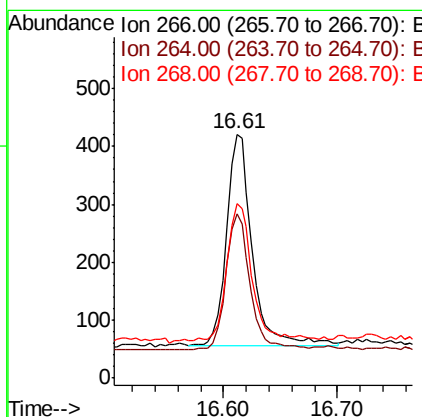
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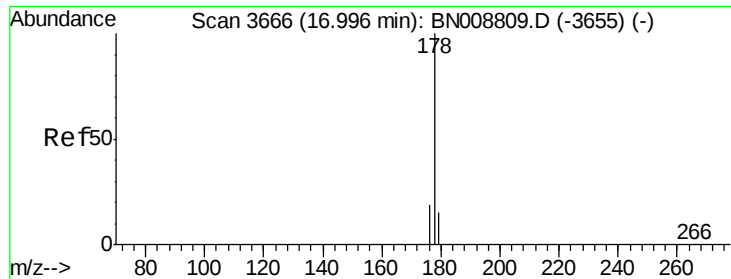
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#11
Pentachlorophenol
 Concen: 0.063 ng/ul
 RT: 16.61 min Scan# 3575
 Delta R.T. -0.00 min
 Lab File: BN008810.D
 Acq: 02 Dec 2019 12:31

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.8	50.4	75.6
268	64.4	52.2	78.4





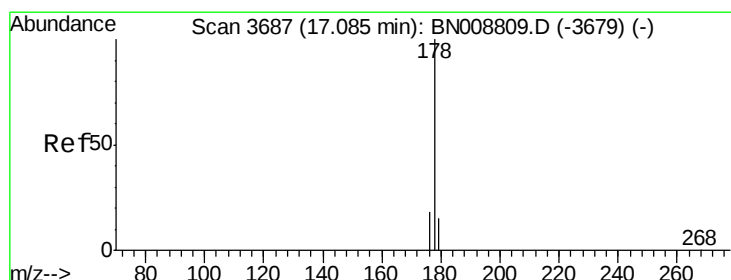
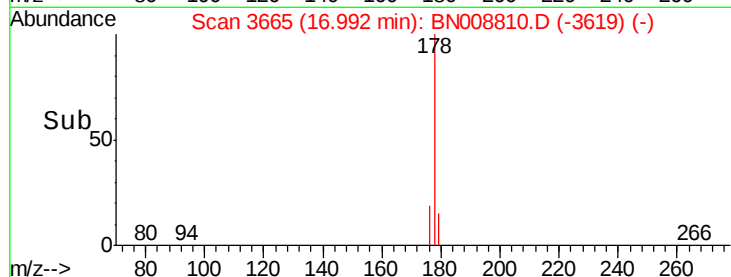
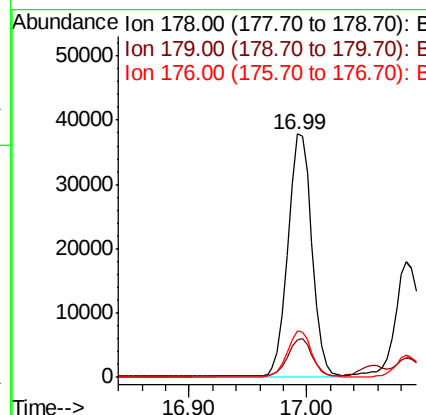
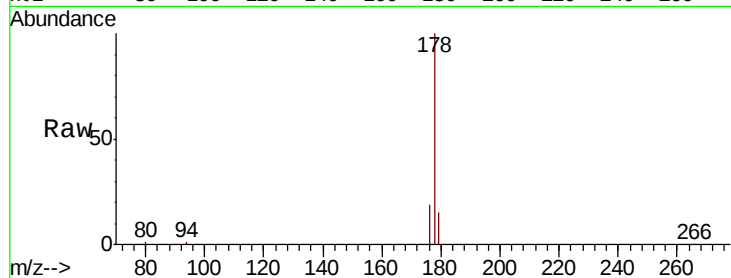
#12
Phenanthrene
Concen: 0.653 ng/ul
RT: 16.99 min Scan# 3665
Delta R.T. -0.00 min
Lab File: BN008810.D
Acq: 02 Dec 2019 12:31

Instrument :
BNA_N
ClientSampled :
C0AA1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.9	15.3	22.9

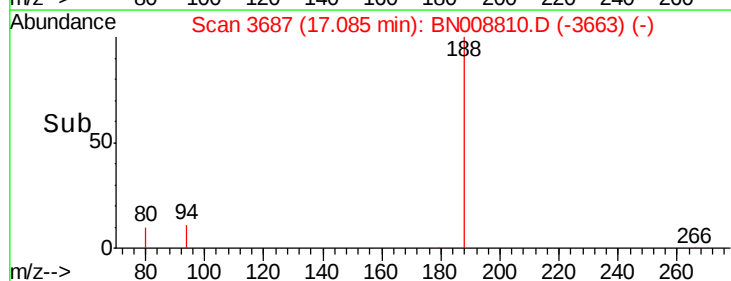
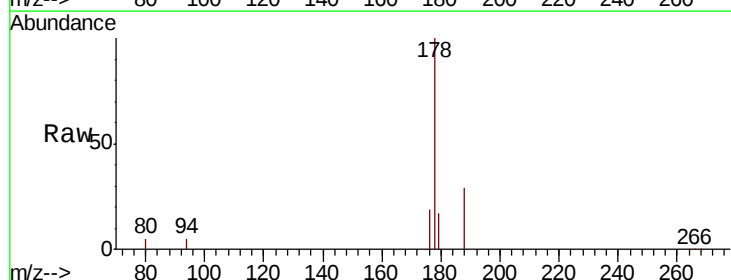
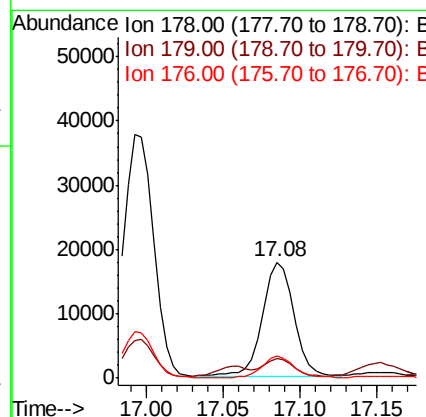
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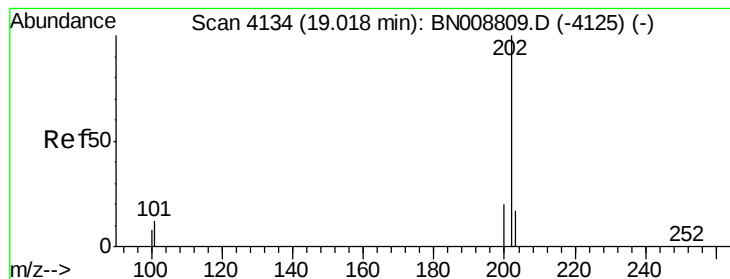
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#13
Anthracene
Concen: 0.329 ng/ul
RT: 17.08 min Scan# 3687
Delta R.T. 0.00 min
Lab File: BN008810.D
Acq: 02 Dec 2019 12:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.4
176	18.6	14.7	22.1





#15

Fluoranthene

Concen: 2.204 ng/ul

RT: 19.02 min Scan# 4134

Delta R.T. 0.00 min

Lab File: BN008810.D

Acq: 02 Dec 2019 12:31

Instrument :

BNA_N

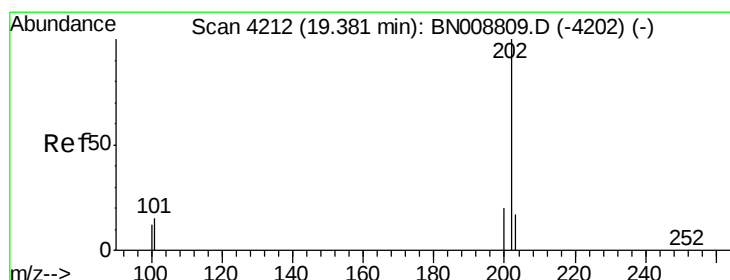
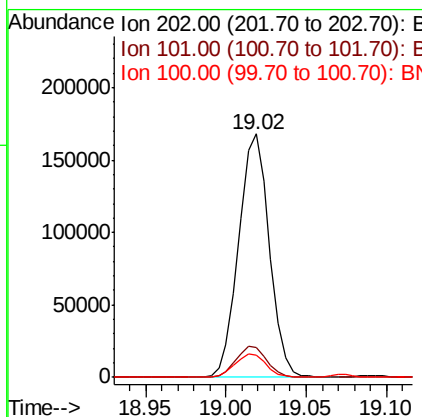
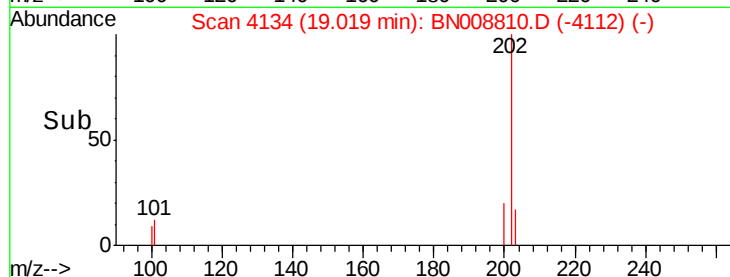
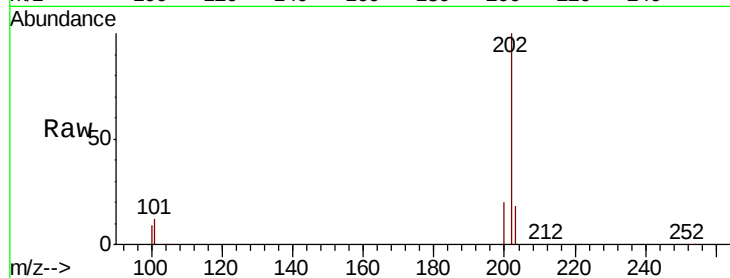
ClientSampleId :

C0AA1

Tot Ion:	202	Resp:	220666
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	32.4
100	9.1	0.0	29.2

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#17

Pyrene

Concen: 2.302 ng/ul

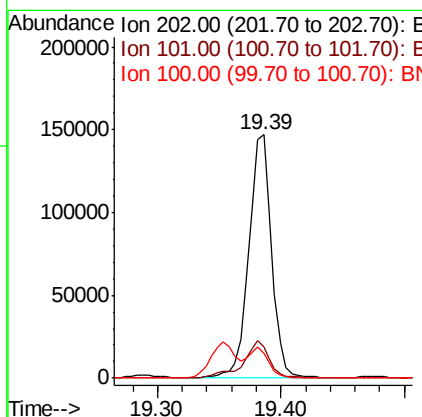
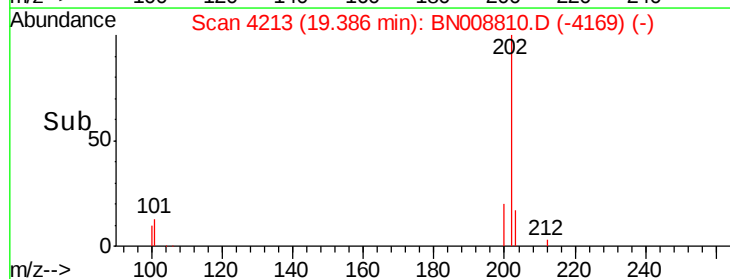
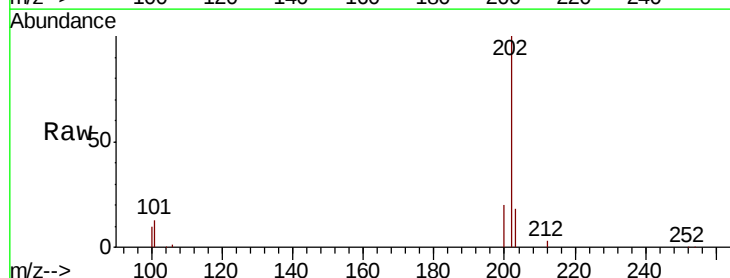
RT: 19.39 min Scan# 4213

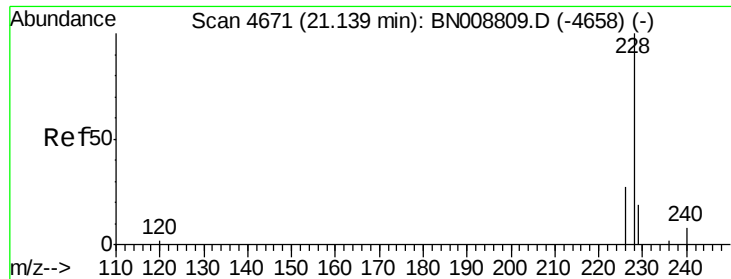
Delta R.T. 0.00 min

Lab File: BN008810.D

Acq: 02 Dec 2019 12:31

Tgt Ion:	202	Resp:	189123
Ion Ratio	Lower	Upper	
202	100		
101	12.9	12.2	18.4
100	10.1	9.5	14.3





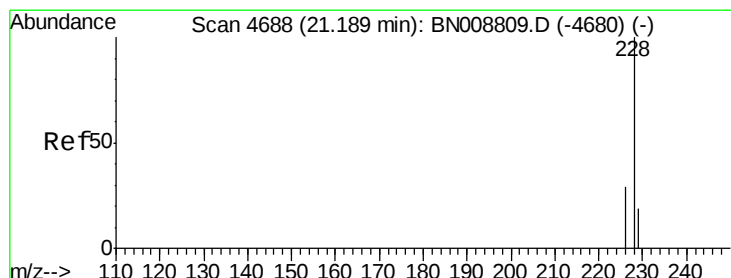
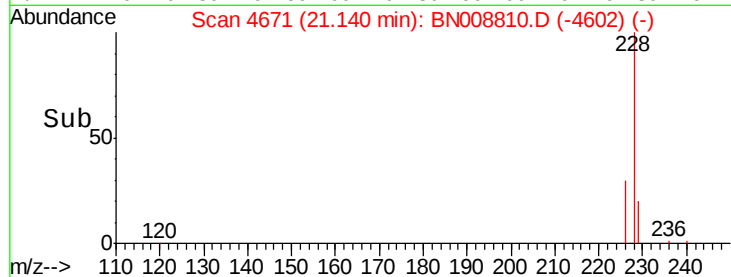
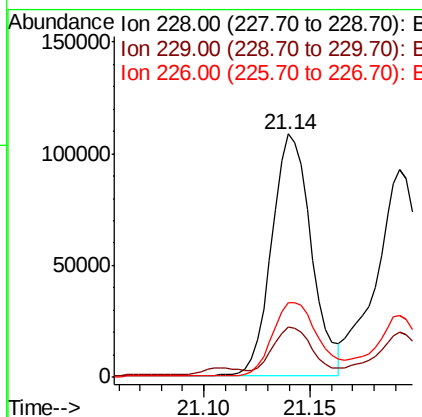
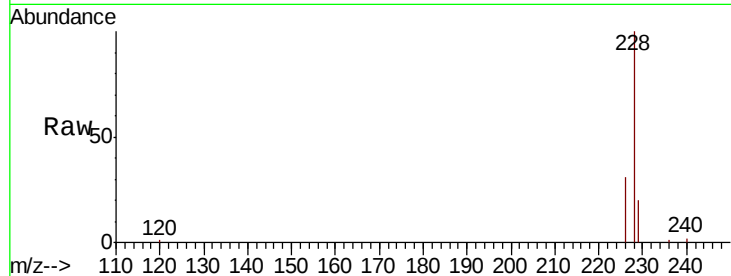
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Benzo(a)anthracene
Concen: 1.698 ng/ul
RT: 21.14 min Scan# 4671
Delta R.T. 0.00 min
Lab File: BN008810.D
Acq: 02 Dec 2019 12:31

Instrument :
BNA_N
ClientSampled :
C0AA1

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	30.6	21.5	32.3

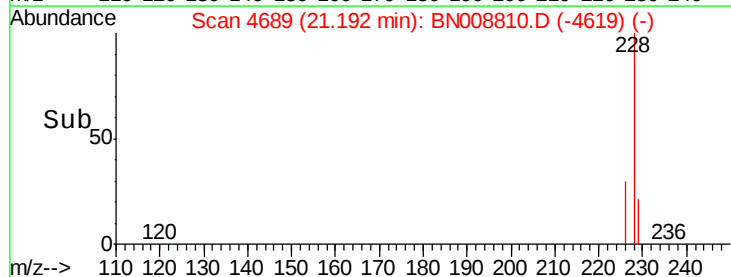
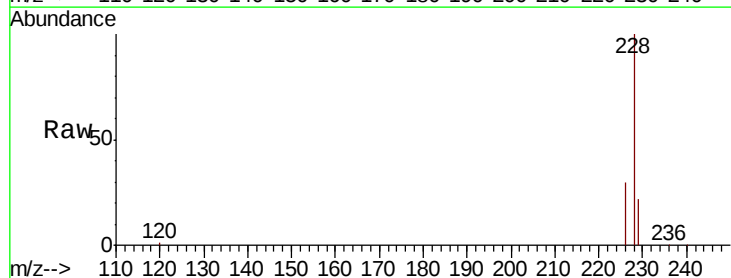
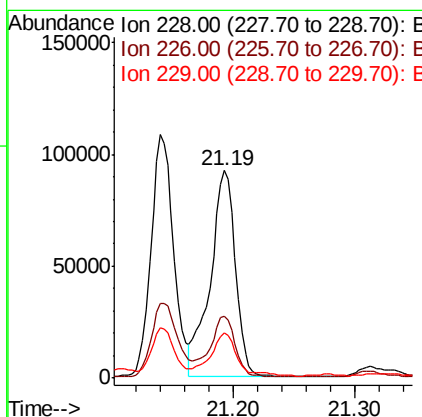
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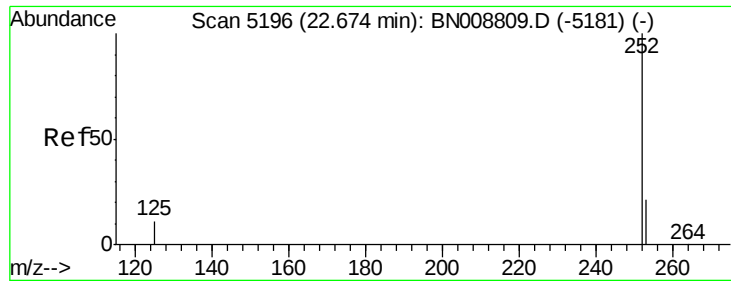
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#19
Chrysene
Concen: 1.638 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. 0.00 min
Lab File: BN008810.D
Acq: 02 Dec 2019 12:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	21.8	15.6	23.4





#21

Benzo(b)fluoranthene

Concen: 2.164 ng/ul m

RT: 22.68 min Scan# 5198

Delta R.T. 0.01 min

Lab File: BN008810.D

Acq: 02 Dec 2019 12:31

Instrument :

BNA_N

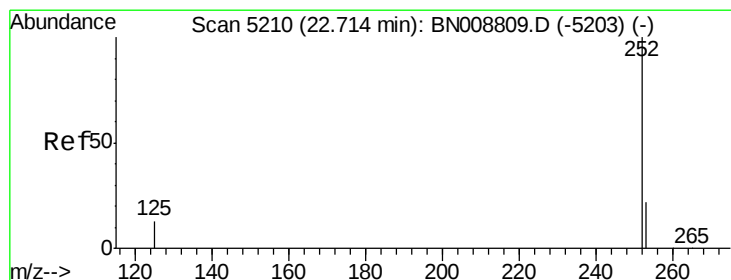
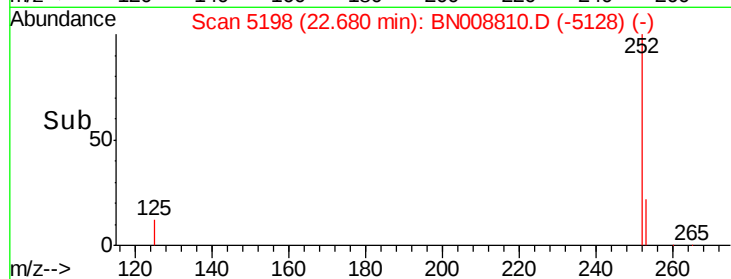
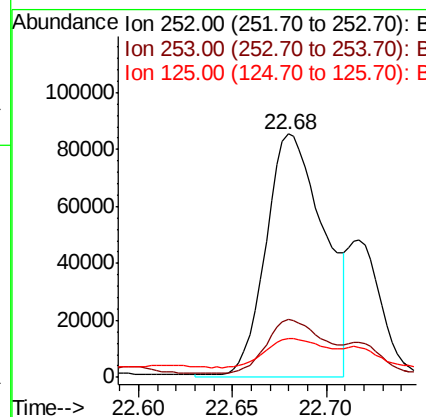
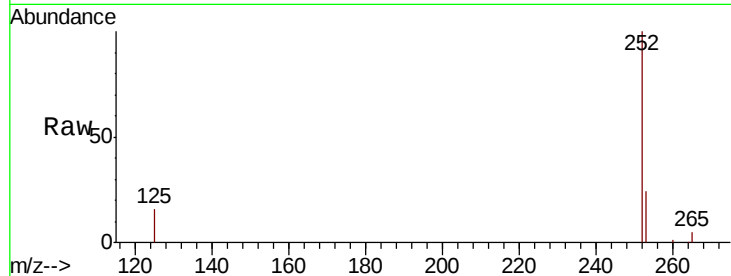
ClientSampled :

C0AA1

Tot Ion:	252	Resp:	184551
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	48.6
125	16.1	0.0	31.6

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#22

Benzo(k)fluoranthene

Concen: 0.735 ng/ul m

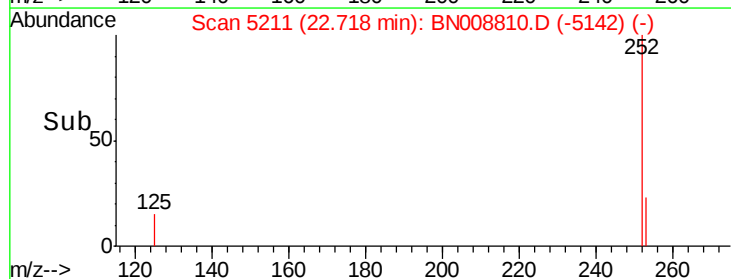
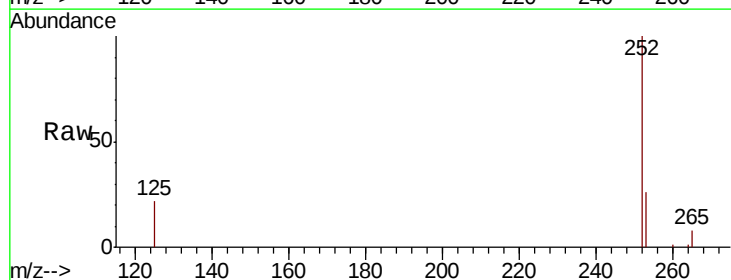
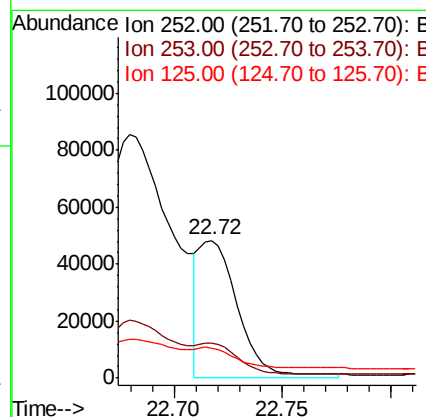
RT: 22.72 min Scan# 5211

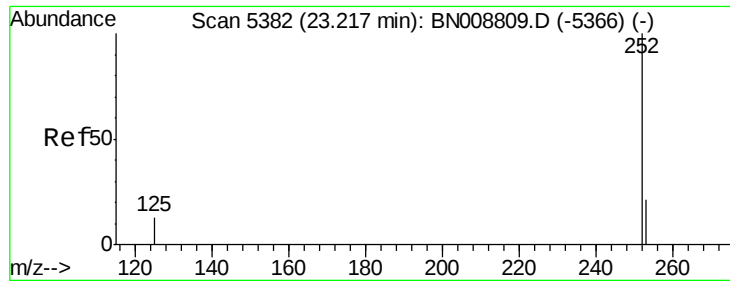
Delta R.T. 0.00 min

Lab File: BN008810.D

Acq: 02 Dec 2019 12:31

Tgt Ion:	252	Resp:	62132
Ion Ratio	Lower	Upper	
252	100		
253	25.6	19.6	29.4
125	21.9	13.8	20.6#





#23

Benzo(a)pyrene

Concen: 1.547 ng/ul

RT: 23.23 min Scan# 5385

Delta R.T. 0.01 min

Lab File: BN008810.D

Acq: 02 Dec 2019 12:31

Instrument :

BNA_N

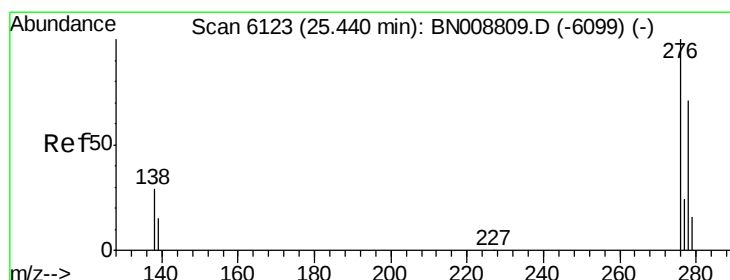
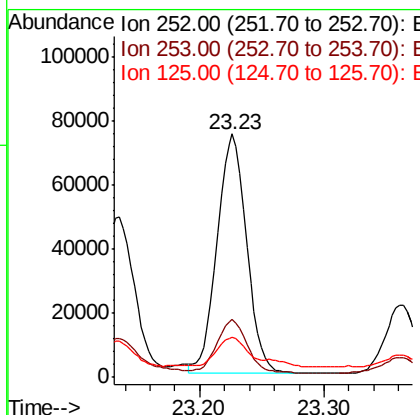
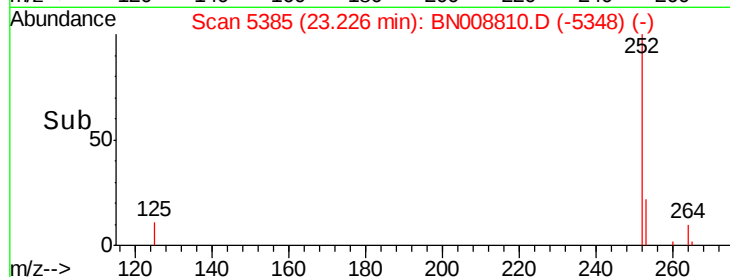
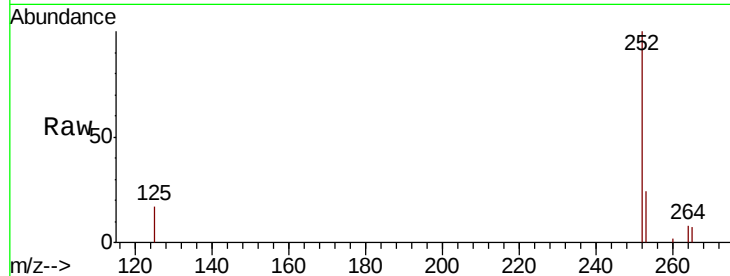
ClientSampleId :

C0AA1

Tot Ion:	252	Resp:	123814
Ion Ratio	Lower	Upper	
252	100		
253	23.6	19.9	29.9
125	16.6	14.6	22.0

Manual Integrations
APPROVED

mohammad
12/3/2019 2:38:37 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.814 ng/ul

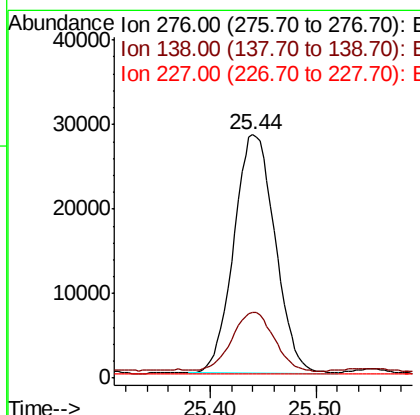
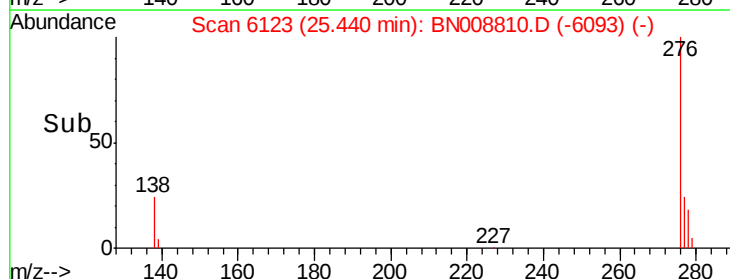
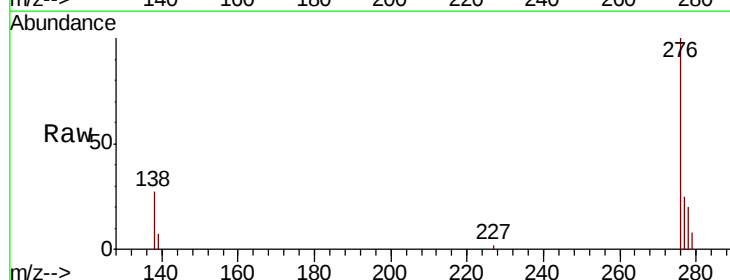
RT: 25.44 min Scan# 6123

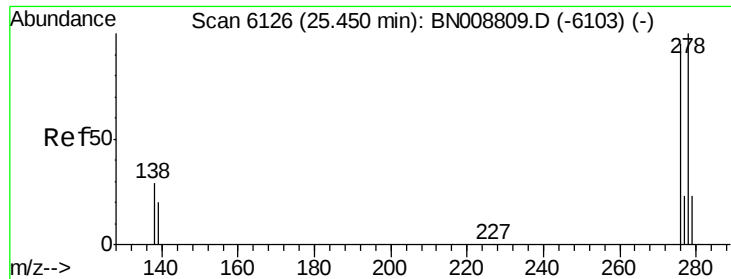
Delta R.T. 0.00 min

Lab File: BN008810.D

Acq: 02 Dec 2019 12:31

Tgt Ion:	276	Resp:	76158
Ion Ratio	Lower	Upper	
276	100		
138	25.1	23.8	35.6
227	0.0	0.2	0.2#





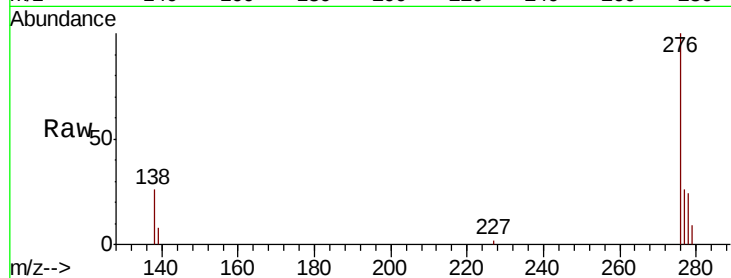
#25
Dibenzo(a,h)anthracene
Concen: 0.235 ng/ul
RT: 25.45 min Scan# 6126
Delta R.T. 0.00 min
Lab File: BN008810.D
Acq: 02 Dec 2019 12:31

Instrument :
BNA_N
ClientSampleId :
C0AA1

Tot Ion	Ratio	Lower	Upper
278	100		
139	34.2	17.4	26.0#
279	36.4	20.5	30.7#

Manual Integrations
APPROVED

mohammad
12/3/2019 2:38:37 PM

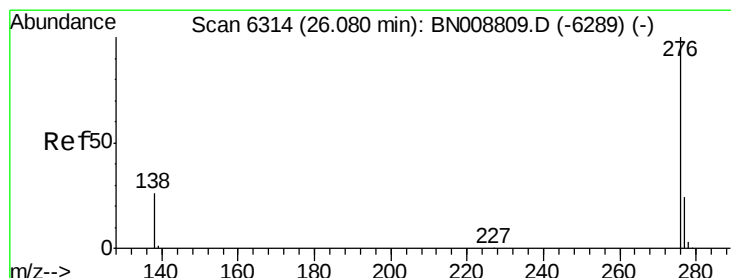
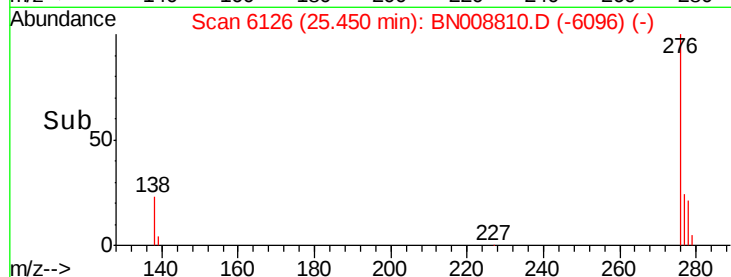
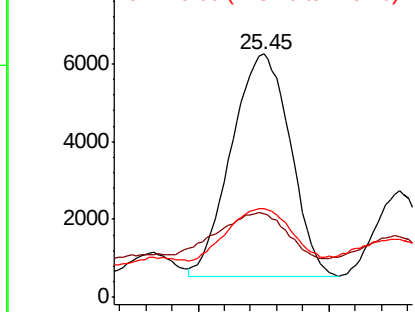


Abundance

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: 0.965 ng/ul
RT: 26.08 min Scan# 6315
Delta R.T. 0.00 min
Lab File: BN008810.D
Acq: 02 Dec 2019 12:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.9	32.9
277	25.1	19.9	29.9

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

