

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006140.D
 Acq On : 06 Jun 2019 17:42
 Operator : JU/SJ
 Sample : K3202-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Manual Integrations
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 6/11/2019 5:07:13 PM

Quant Time: Jun 07 00:36:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	11892	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	45811	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	22661	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	45780	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	33366	0.40	ng/ul	-0.03
20) Perylene-d12	23.50	264	41589	0.40	ng/ul	-0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	2572	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	5291	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	75825	0.600	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	56368	0.640	ng/ul	99
7) Acenaphthylene	14.02	152	90213	0.716	ng/ul	99
8) Acenaphthene	14.36	153	108198	1.238	ng/ul	99
9) Fluorene	15.36	166	169150	1.655	ng/ul	99
12) Phenanthrene	17.09	178	1982904	13.493	ng/ul	99
13) Anthracene	17.19	178	530305	3.779	ng/ul	99
15) Fluoranthene	19.12	202	2085676	12.853	ng/ul	95
17) Pyrene	19.49	202	1624228	9.242	ng/ul	99
18) Benzo(a)anthracene	21.25	228	989114	6.703	ng/ul	100
19) Chrysene	21.31	228	868767	6.271	ng/ul	97
21) Benzo(b)fluoranthene	22.84	252	951295m	5.486	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	428267m	2.535	ng/ul	
23) Benzo(a)pyrene	23.40	252	640061	3.963	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.73	276	376526	2.154	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.74	278	124146	0.888	ng/ul	96
26) Benzo(a,h,i)perylene	26.41	276	159288	1.088	ng/ul	96

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

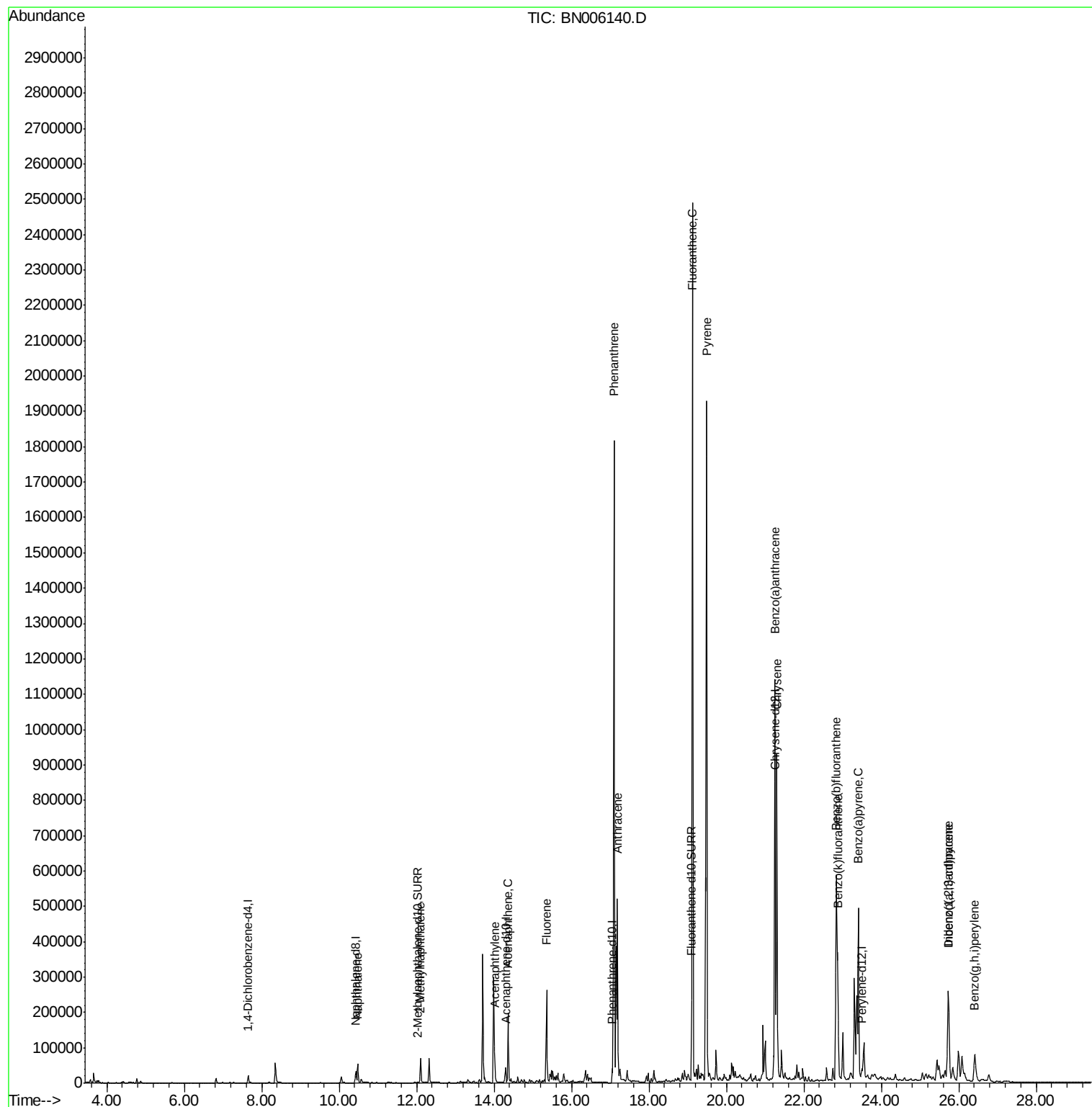
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006140.D
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ALS Vial : 7 Sample Multiplier: 1

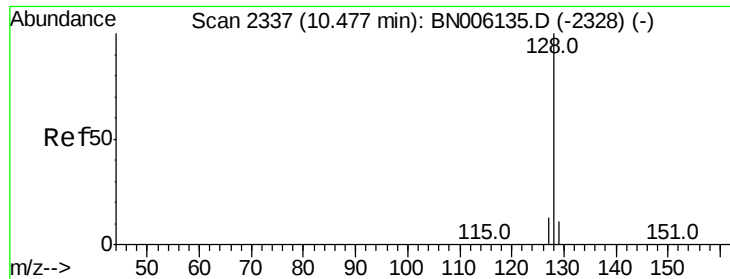
Instrument :
BNA_N
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C0AD2

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#3

Naphthalene

Concen: 0.600 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Instrument :

BNA_N

ClientSampled :

C0AD2

Tot Ion:128 Resp: 75825

Ion Ratio Lower Upper

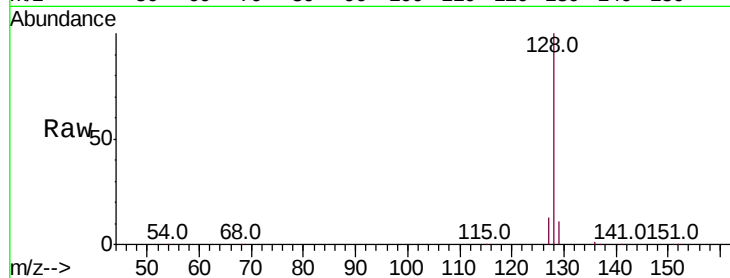
128 100

129 11.1 9.3 13.9

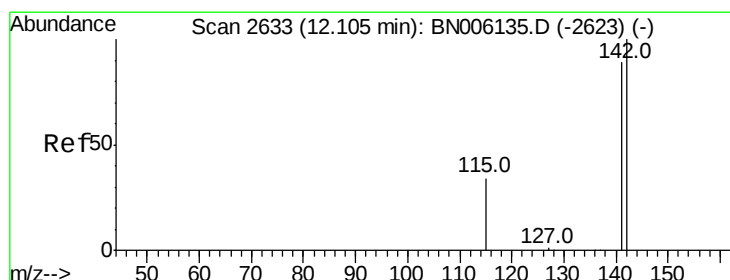
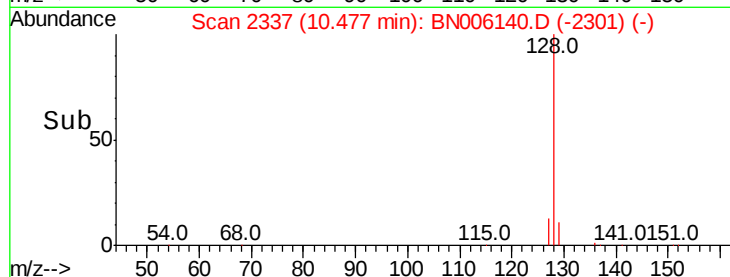
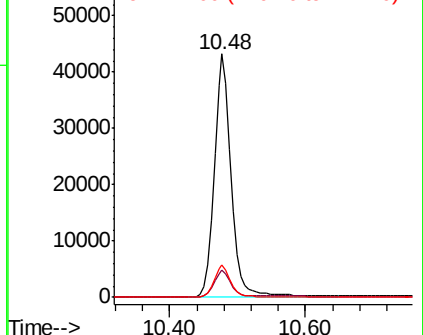
127 13.2 10.7 16.1

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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: 0.640 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BN006140.D

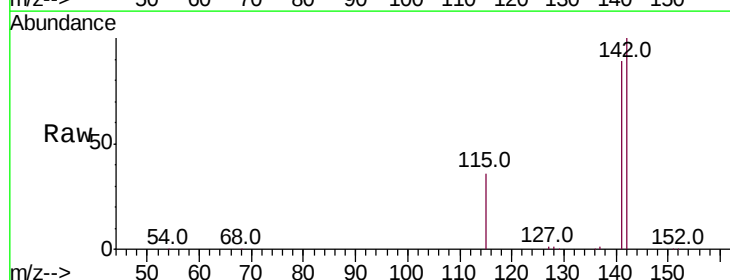
Acq: 06 Jun 2019 17:42

Tgt Ion:142 Resp: 56368

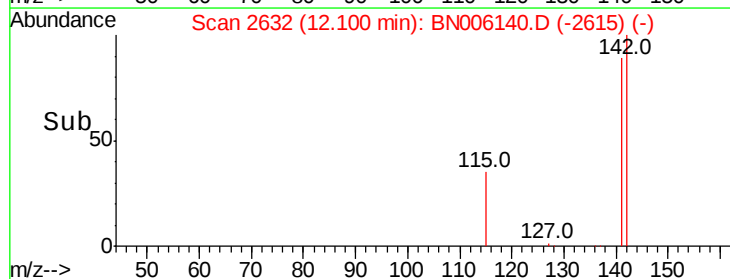
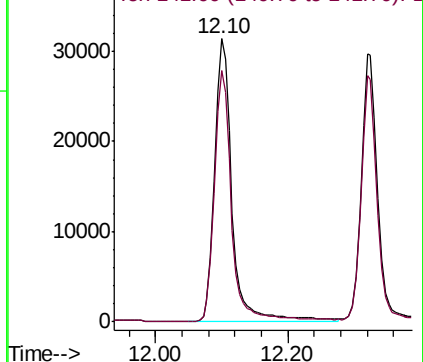
Ion Ratio Lower Upper

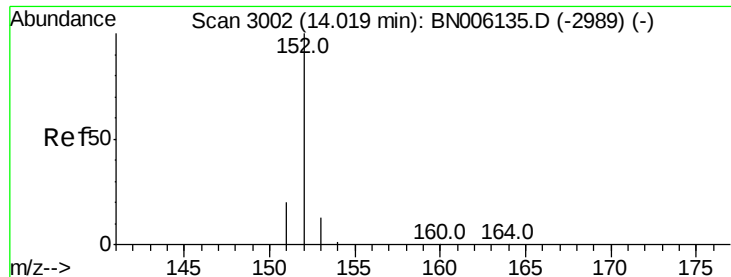
142 100

141 88.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.716 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Instrument :

BNA_N

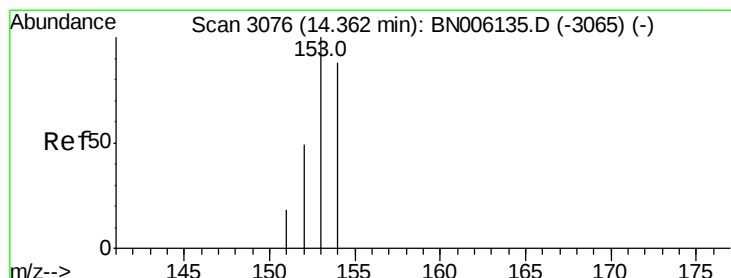
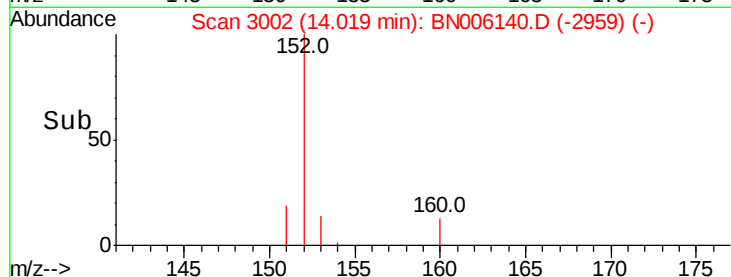
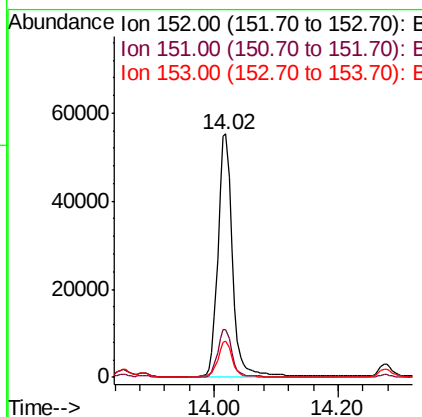
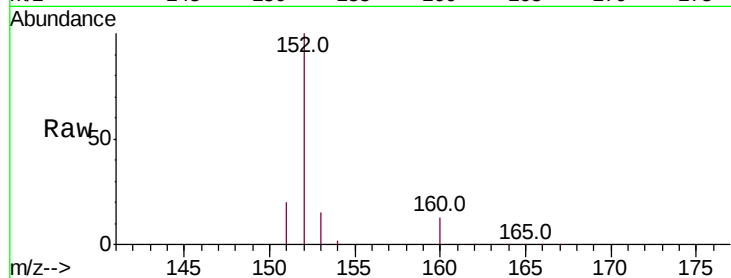
ClientSampleId :

C0AD2

Tot Ion:	152	Resp:	90213
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.8
153	14.7	10.8	16.2

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#8

Acenaphthene

Concen: 1.238 ng/ul

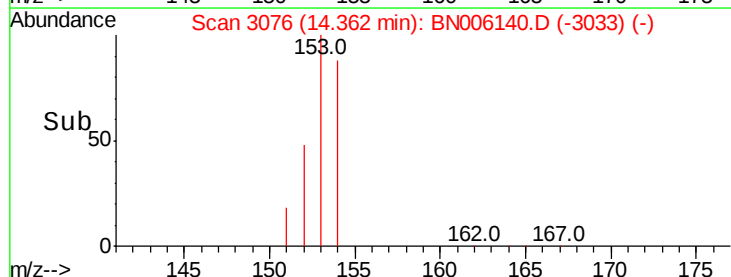
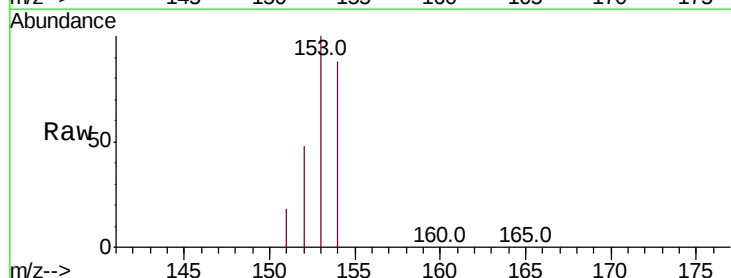
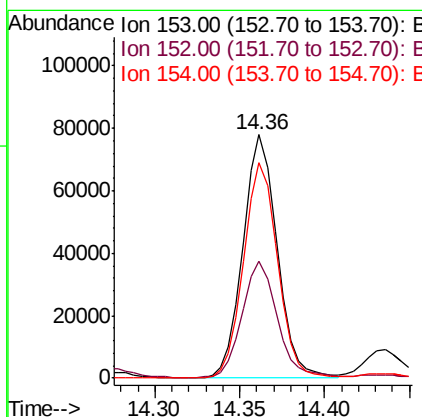
RT: 14.36 min Scan# 3076

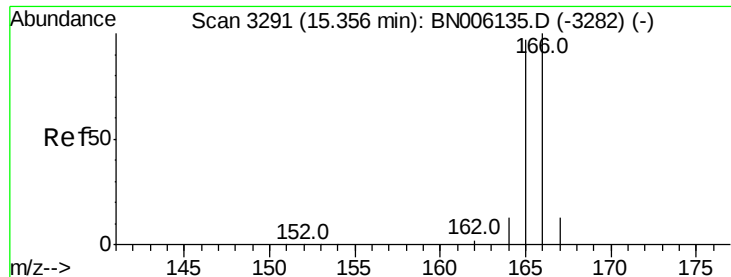
Delta R.T. 0.00 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Tgt Ion:	153	Resp:	108198
Ion Ratio	Lower	Upper	
153	100		
152	48.2	39.1	58.7
154	88.3	71.1	106.7





#9

Fluorene

Concen: 1.655 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Instrument :

BNA_N

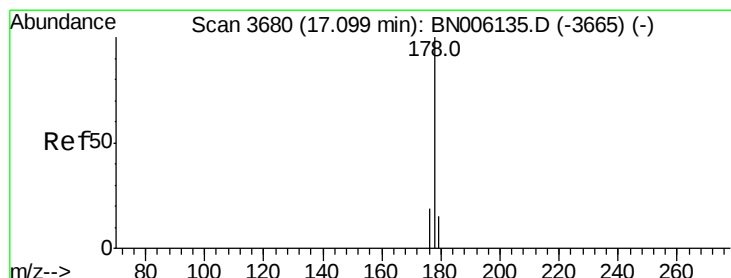
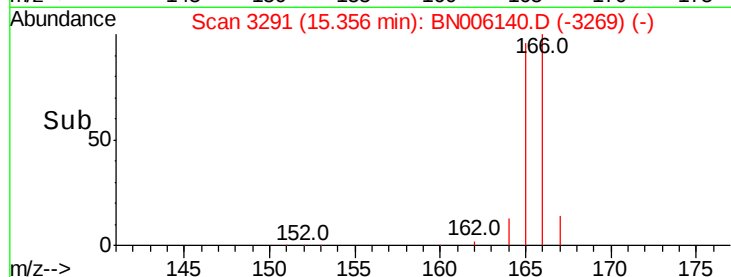
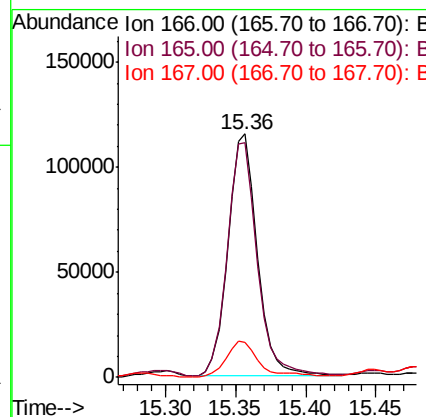
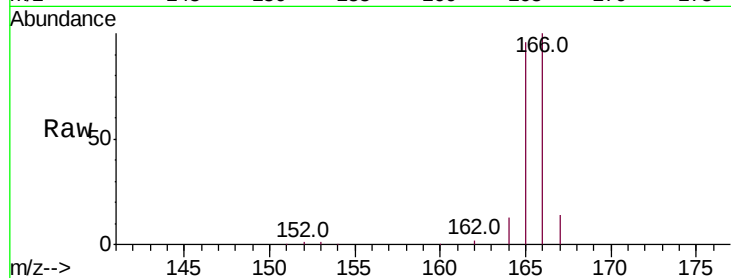
ClientSampleId :

C0AD2

Tot Ion:	166	Resp:	169150
Ion Ratio	Lower	Upper	
166	100		
165	96.2	76.4	114.6
167	14.4	11.0	16.6

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#12

Phenanthrene

Concen: 13.493 ng/ul

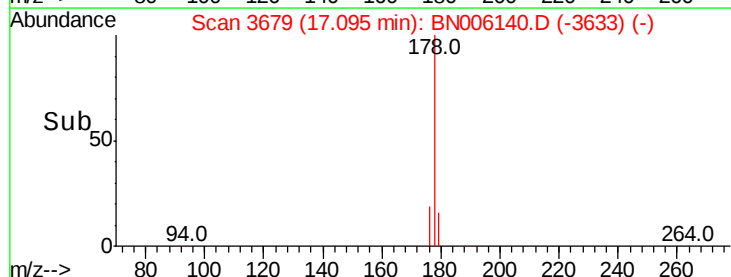
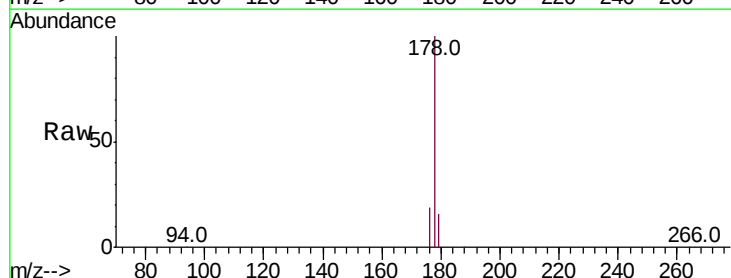
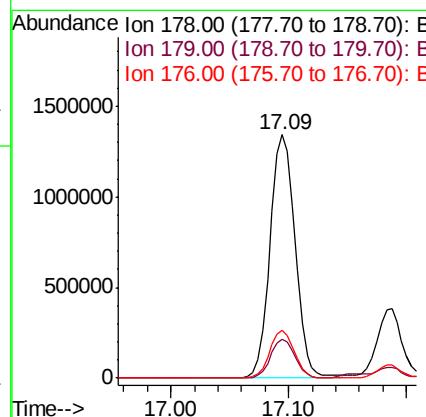
RT: 17.09 min Scan# 3679

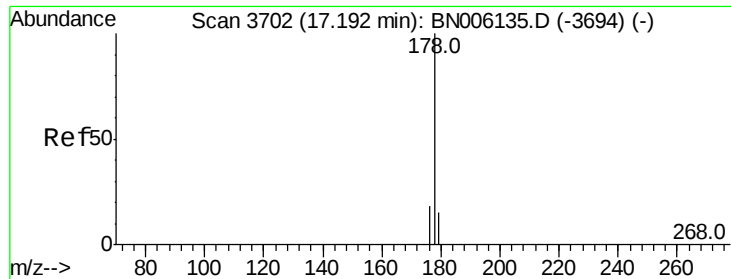
Delta R.T. -0.00 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Tgt Ion:	178	Resp:	1982904
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	19.4	15.3	22.9





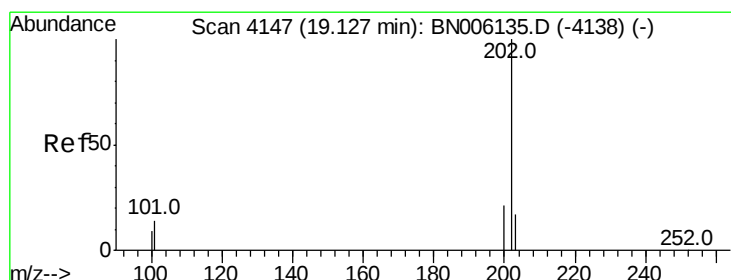
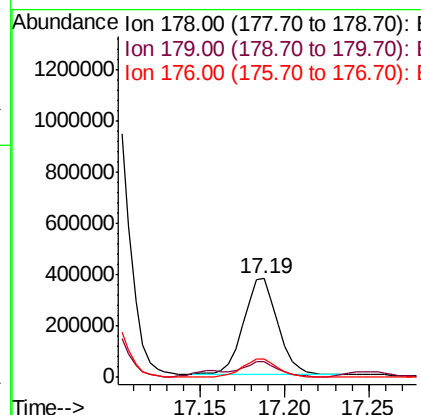
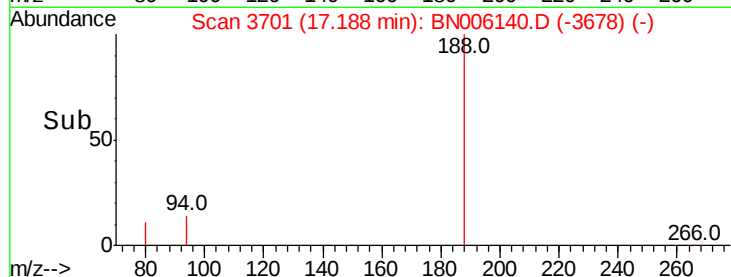
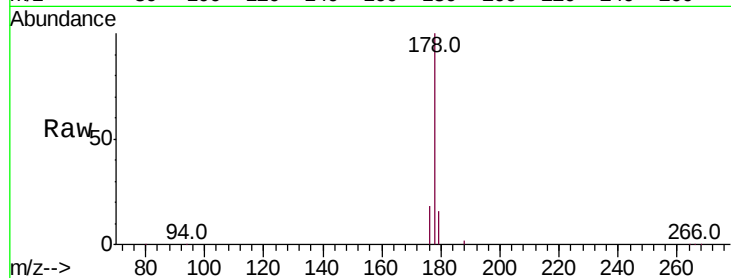
#13
 Anthracene
 Concen: 3.779 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: BN006140.D
 Acq: 06 Jun 2019 17:42

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.3	15.1	22.7

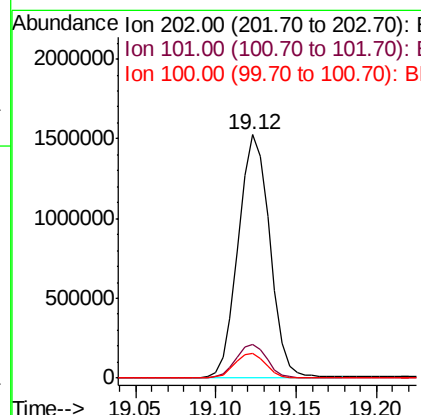
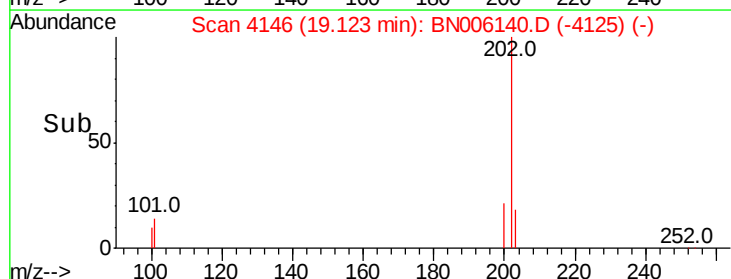
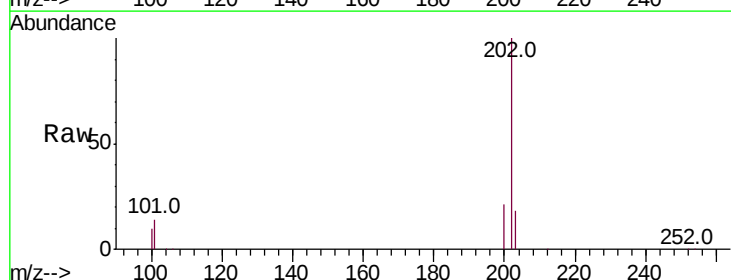
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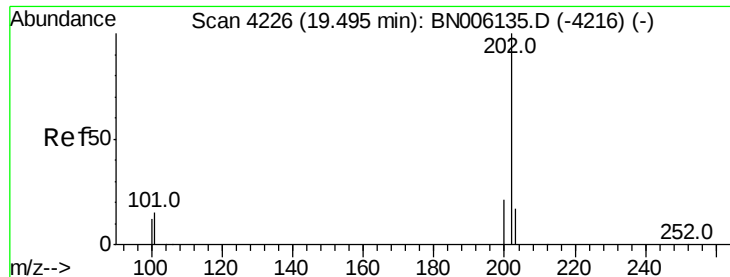
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#15
 Fluoranthene
 Concen: 12.853 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN006140.D
 Acq: 06 Jun 2019 17:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	32.1
100	10.3	0.0	28.7





#17

Pvrene

Concen: 9.242 ng/ul

RT: 19.49 min Scan# 4225

Delta R.T. -0.00 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

C0AD2

Tot Ion:202 Resp: 1624228

Ion Ratio Lower Upper

202 100

101 15.6 12.2 18.2

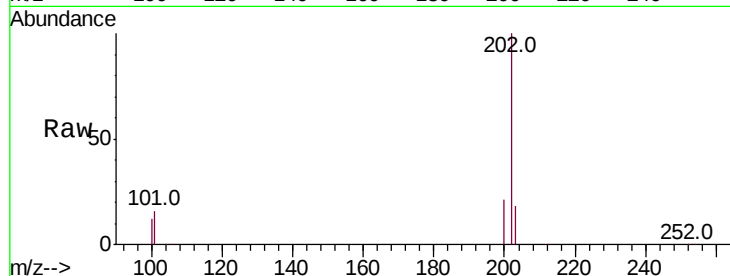
100 12.2 9.8 14.6

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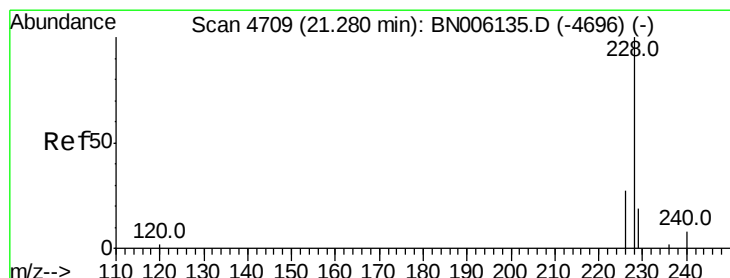
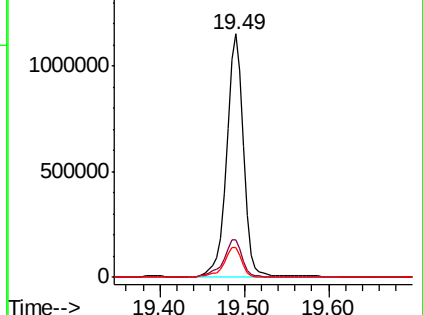
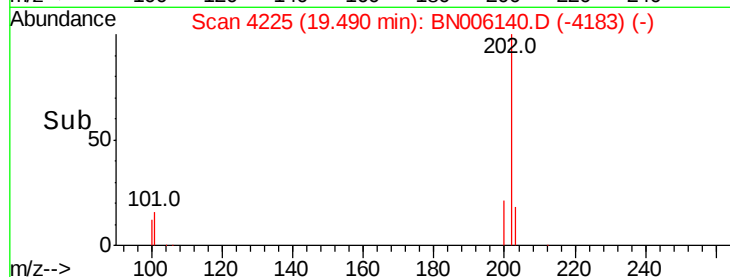
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 6.703 ng/ul

RT: 21.25 min Scan# 4699

Delta R.T. -0.03 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

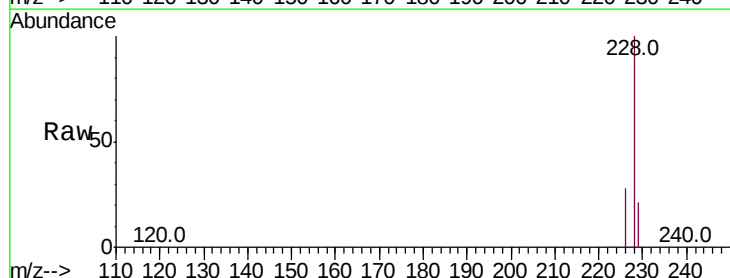
Tgt Ion:228 Resp: 989114

Ion Ratio Lower Upper

228 100

229 20.9 16.5 24.7

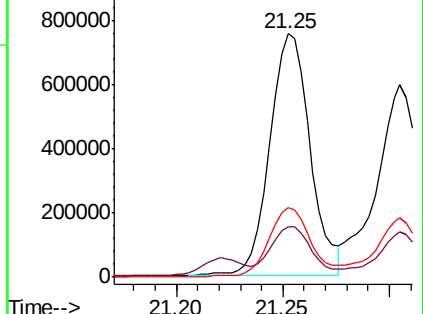
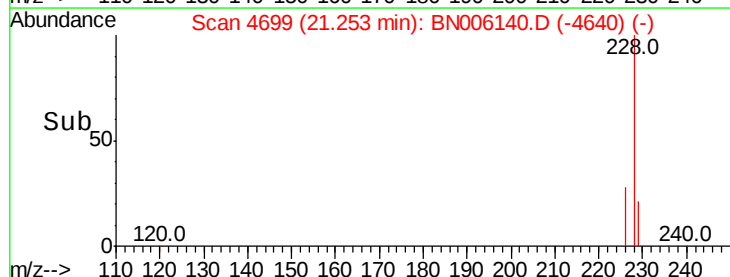
226 28.5 22.8 34.2

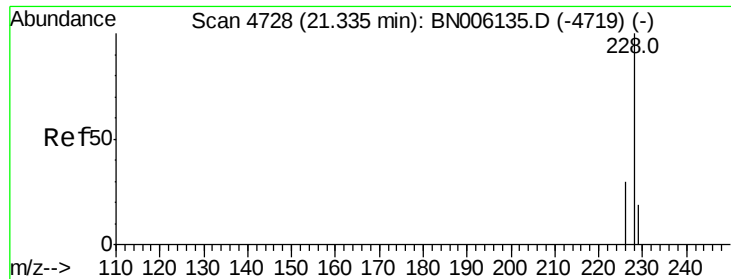


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 6.271 ng/ul

RT: 21.31 min Scan# 4717

Delta R.T. -0.03 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Instrument :

BNA_N

ClientSampled :

C0AD2

Tot Ion:228 Resp: 868767

Ion Ratio Lower Upper

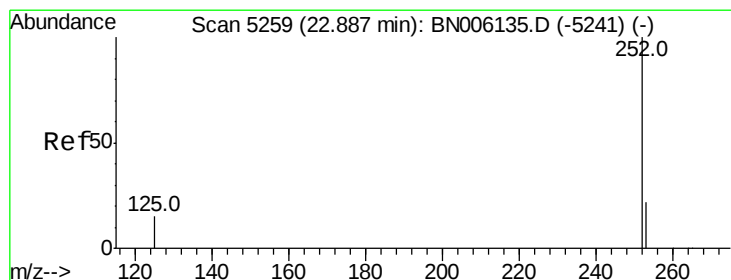
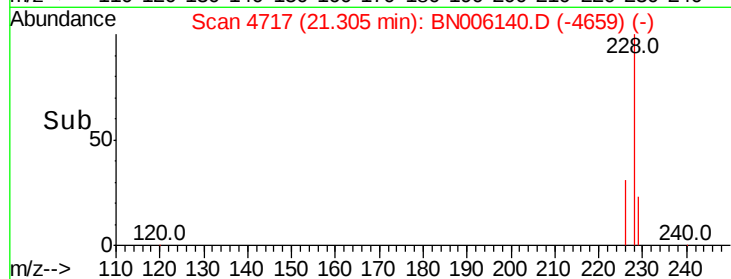
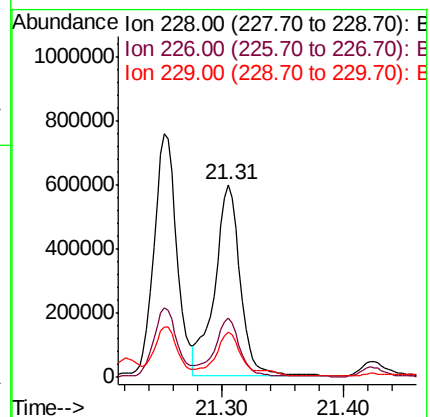
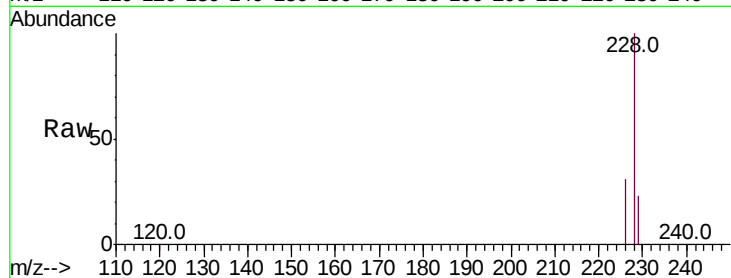
228 100

226 30.6 25.0 37.6

229 23.2 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 5.486 ng/ul m

RT: 22.84 min Scan# 5241

Delta R.T. -0.05 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

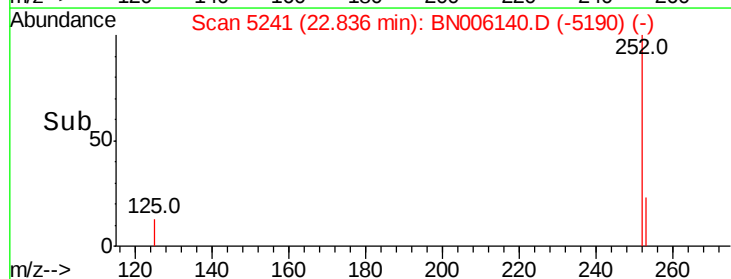
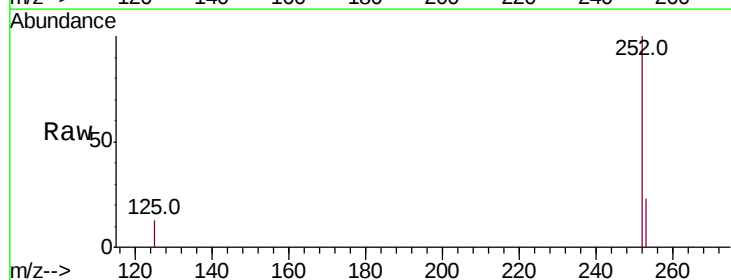
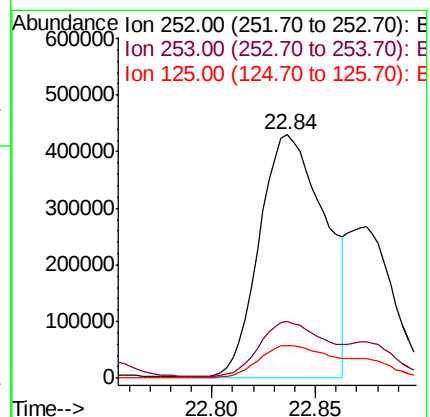
Tgt Ion:252 Resp: 951295

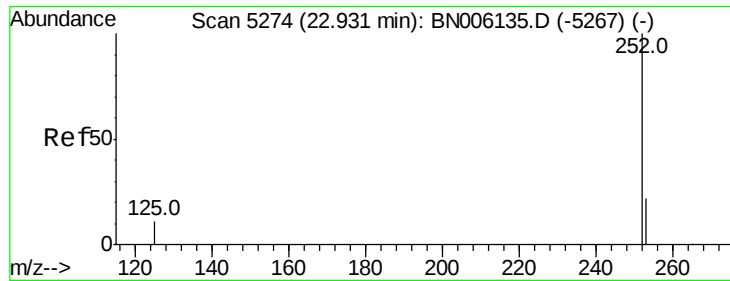
Ion Ratio Lower Upper

252 100

253 23.2 0.0 51.4

125 13.3 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 2.535 ng/ul m

RT: 22.87 min Scan# 5254

Delta R.T. -0.06 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Instrument :

BNA_N

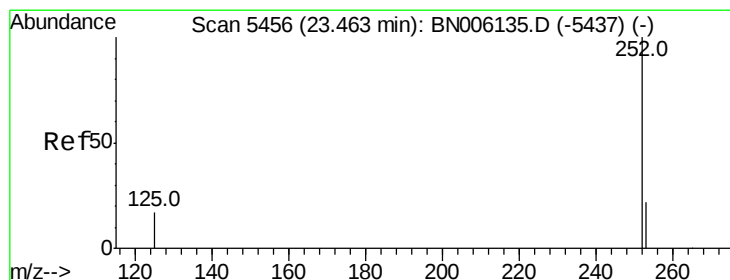
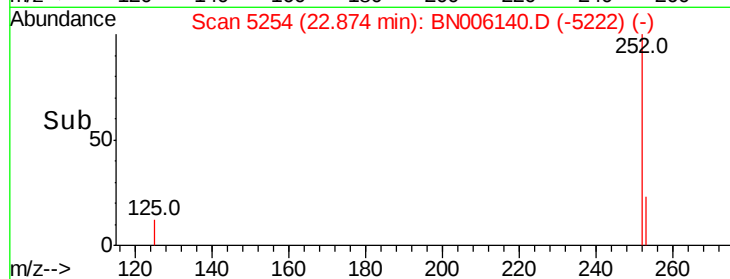
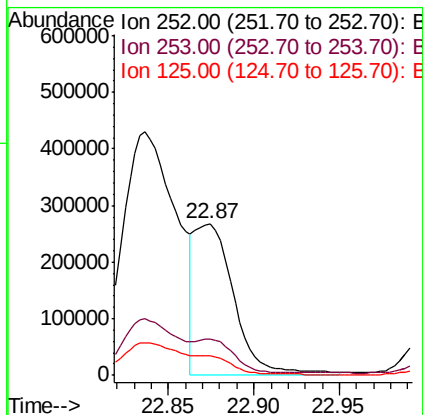
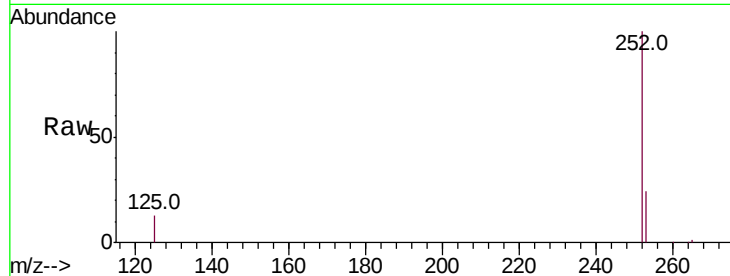
ClientSampled :

C0AD2

Tot Ion	Ratio	Resp	Lower	Upper
252	100	428267		
253	24.1	20.3	30.5	
125	12.6	14.3	21.5	#

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#23

Benzo(a)pyrene

Concen: 3.963 ng/ul

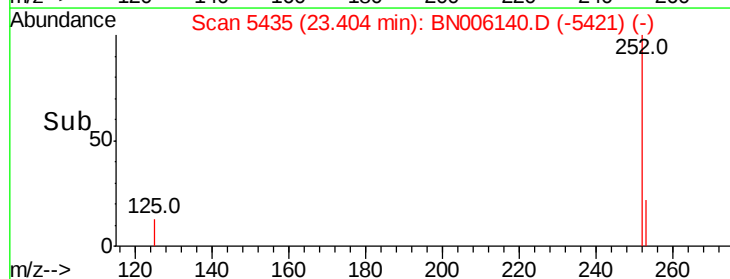
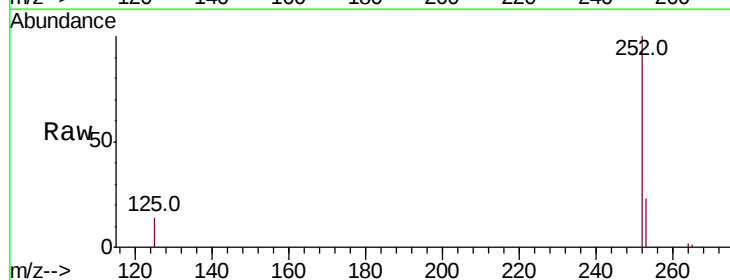
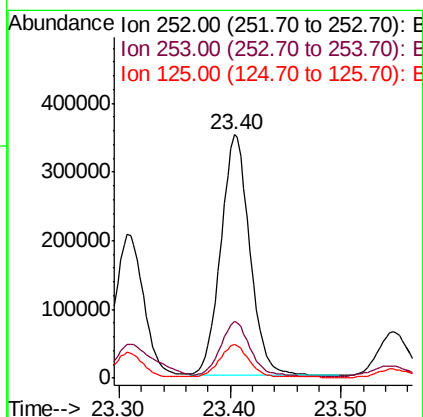
RT: 23.40 min Scan# 5435

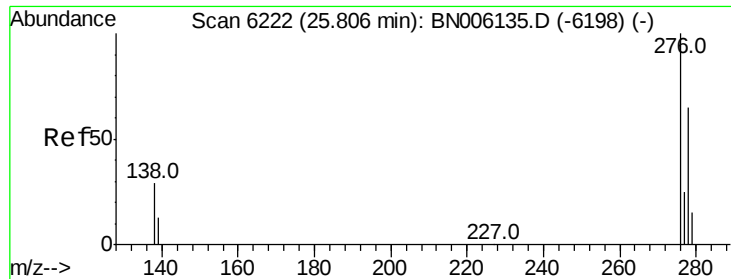
Delta R.T. -0.06 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	640061		
253	23.1	21.1	31.7	
125	13.7	20.3	30.5	#





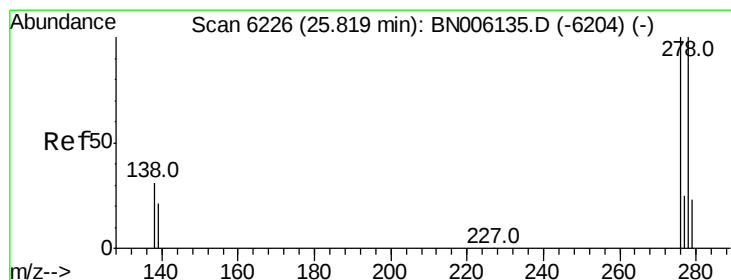
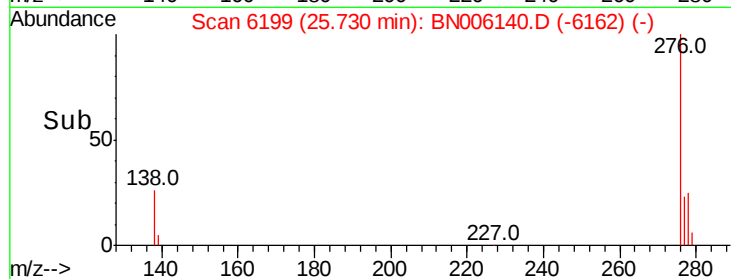
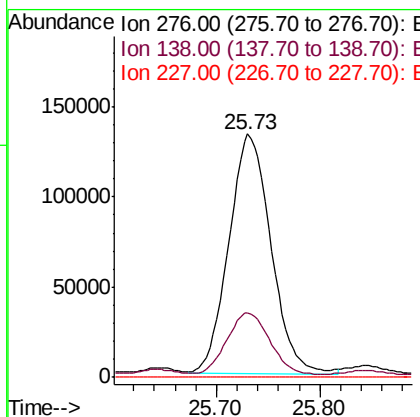
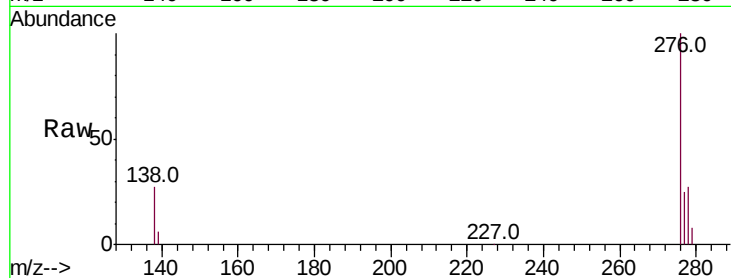
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.154 ng/ul
 RT: 25.73 min Scan# 6199
 Delta R.T. -0.08 min
 Lab File: BN006140.D
 Acq: 06 Jun 2019 17:42

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.6	38.4
227	0.2	0.3	0.5

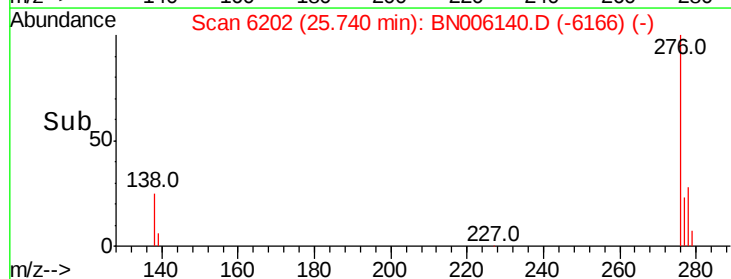
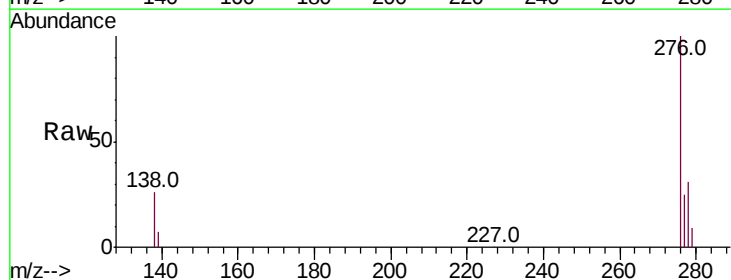
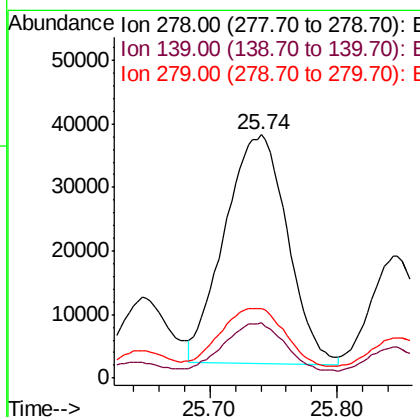
Manual Integrations
 APPROVED

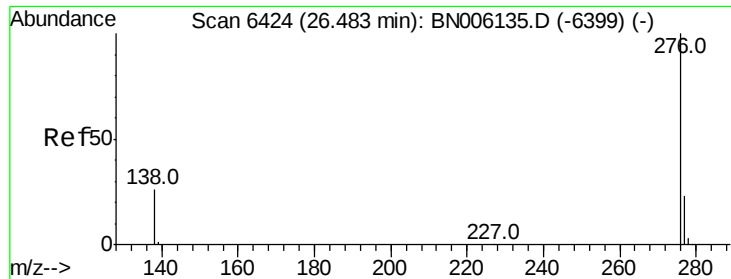
mohammad
 6/11/2019 5:07:13 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.888 ng/ul
 RT: 25.74 min Scan# 6202
 Delta R.T. -0.08 min
 Lab File: BN006140.D
 Acq: 06 Jun 2019 17:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	21.2	31.8
279	28.4	22.6	33.8





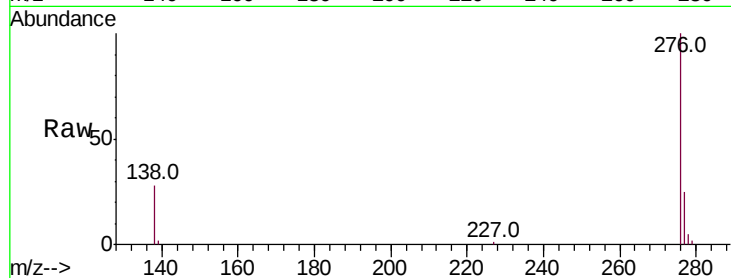
#26
 Benzo(a,h,i)perylene
 Concen: 1.088 ng/ul
 RT: 26.41 min Scan# 6403
 Delta R.T. -0.07 min
 Lab File: BN006140.D
 Acq: 06 Jun 2019 17:42

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	24.2	36.4
277	24.9	21.5	32.3

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:13 PM



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

