

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
 Data File : BN008619.D
 Acq On : 19 Nov 2019 00:20
 Operator : JU
 Sample : K5678-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMK4

Manual Integrations
 APPROVED

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 11/19/2019 2:45:38 PM

Quant Time: Nov 19 03:20:41 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 : Tue Nov 19 01:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3370	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	12230	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	7135	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	15186m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	11419	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11808	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4467	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	9880	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	11728	0.318	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	9304	0.361	ng/ul	100
7) Acenaphthylene	13.97	152	3498	0.089	ng/ul#	82
8) Acenaphthene	14.32	153	1075	0.037	ng/ul	93
9) Fluorene	15.31	166	1685	0.049	ng/ul#	56
11) Pentachlorophenol	16.66	266	131	0.023	ng/ul#	83
12) Phenanthrene	17.04	178	19800	0.387	ng/ul#	93
13) Anthracene	17.13	178	4698	0.097	ng/ul#	65
15) Fluoranthene	19.06	202	26213	0.417	ng/ul	97
17) Pyrene	19.42	202	29265	0.639	ng/ul	99
18) Benzo(a)anthracene	21.18	228	10506	0.229	ng/ul#	58
19) Chrysene	21.23	228	20997	0.466	ng/ul#	73
21) Benzo(b)fluoranthene	22.73	252	22401m	0.460	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	8162m	0.169	ng/ul	
23) Benzo(a)pyrene	23.28	252	12968	0.284	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.52	276	11811	0.221	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.53	278	3368	0.078	ng/ul#	1
26) Benzo(g,h,i)perylene	26.18	276	15288	0.342	ng/ul#	56

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

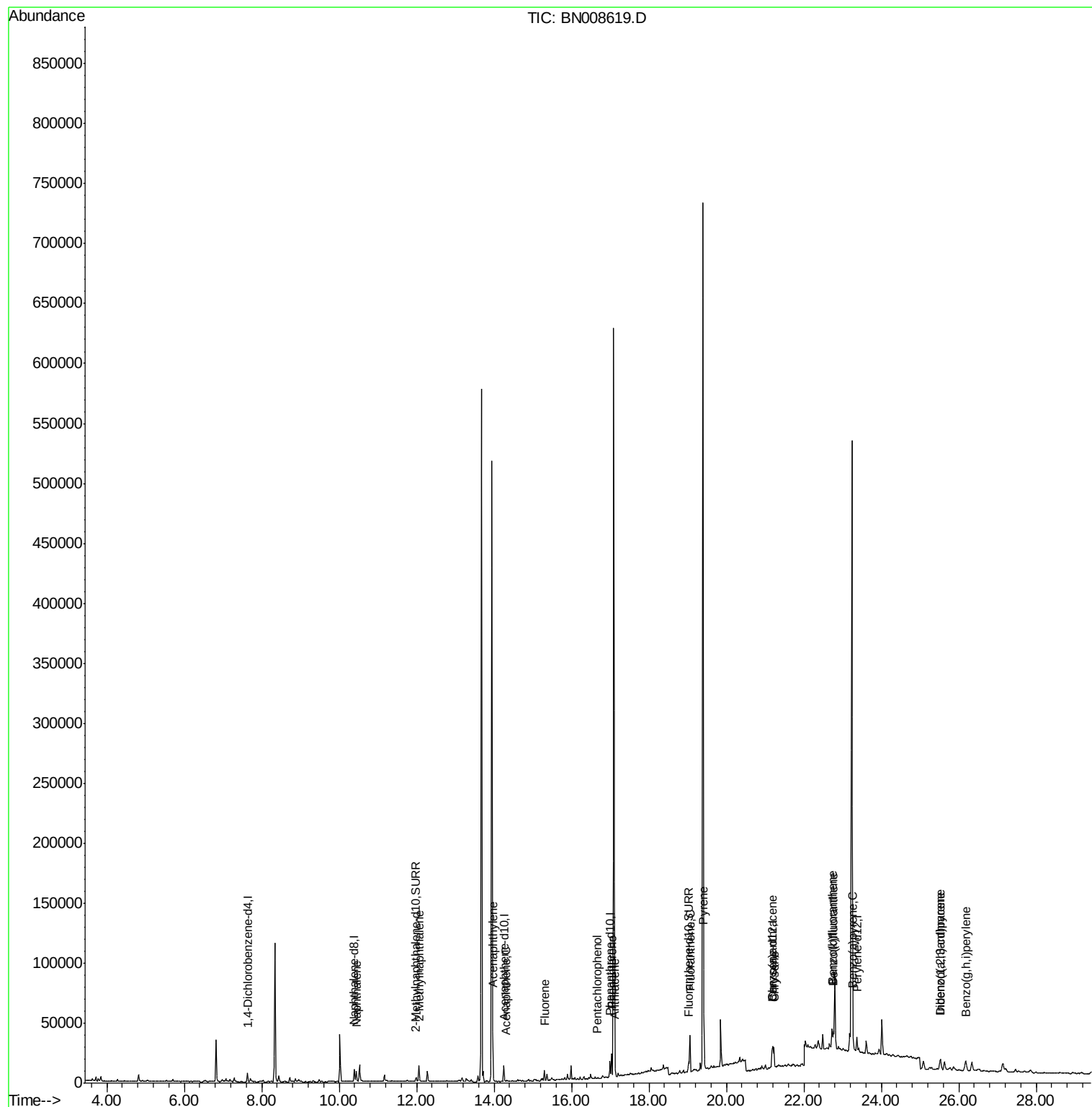
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

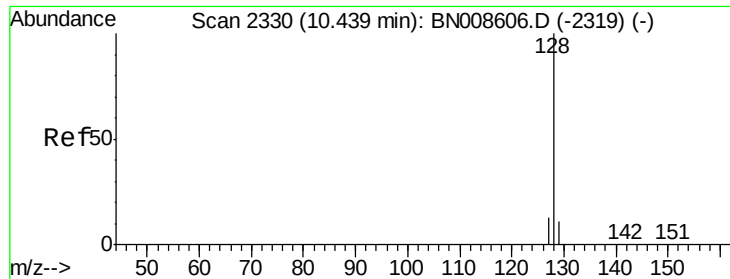
Instrument :
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Quant Time: Nov 19 03:20:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.318 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

Instrument :

BNA_N

ClientSampleId :

JLMK4

Tot Ion:128 Resp: 11728

Ion Ratio Lower Upper

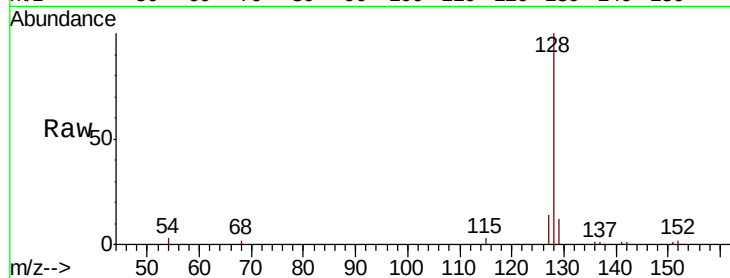
128 100

129 12.5 9.7 14.5

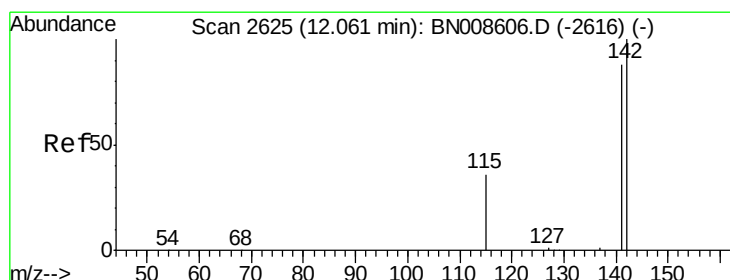
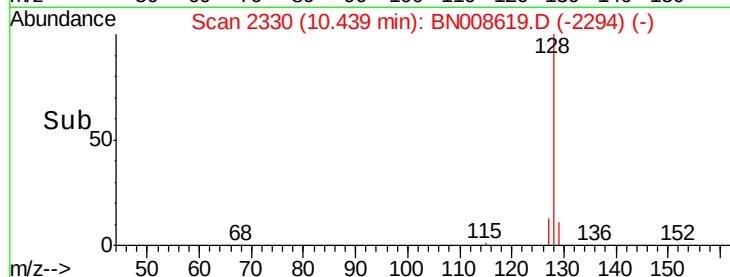
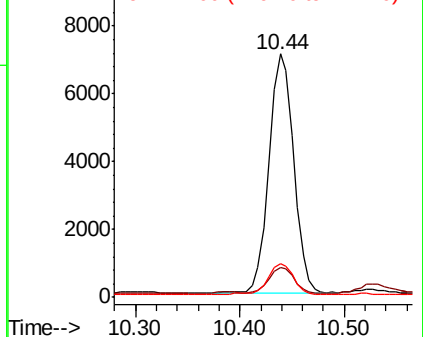
127 14.0 10.8 16.2

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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: 0.361 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BN008619.D

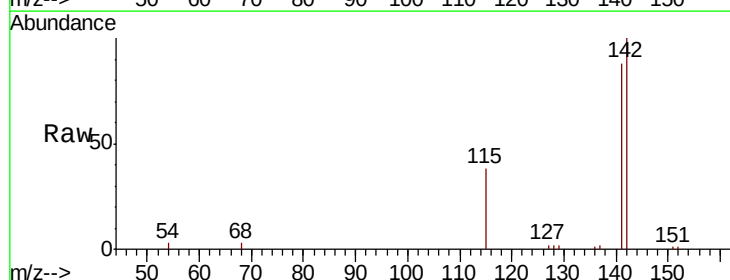
Acq: 19 Nov 2019 00:20

Tgt Ion:142 Resp: 9304

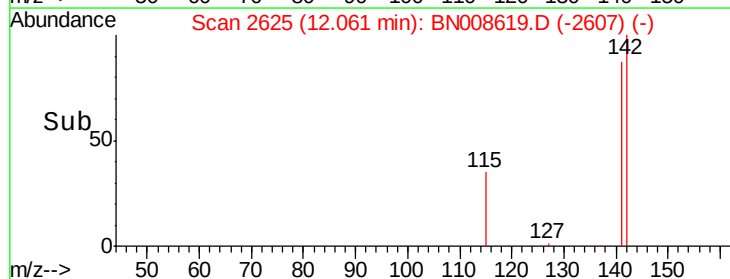
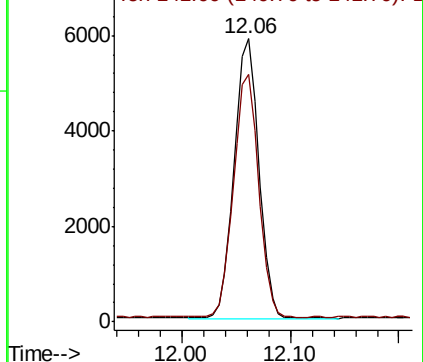
Ion Ratio Lower Upper

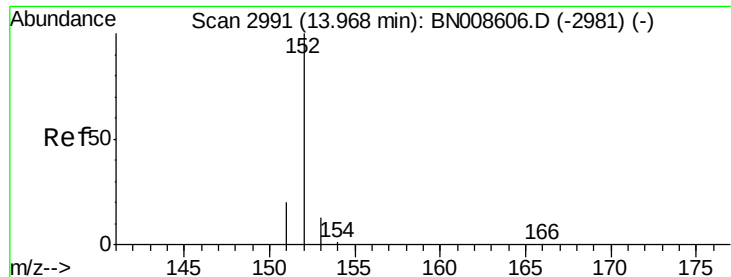
142 100

141 87.8 70.5 105.7



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





#7

Acenaphthylene

Concen: 0.089 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

Instrument :

BNA_N

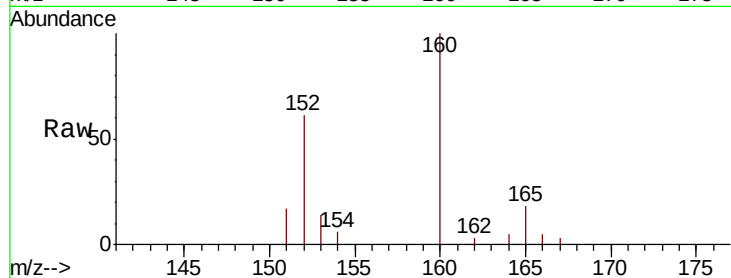
ClientSampled :

JLMK4

Tot Ion:	152	Resp:	3498
Ion Ratio	Lower	Upper	
152	100		
151	28.1	16.6	24.8#
153	22.7	11.1	16.7#

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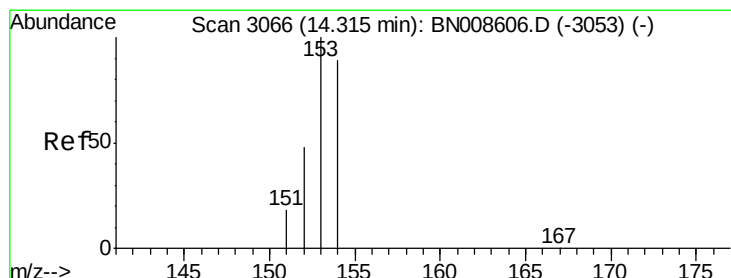
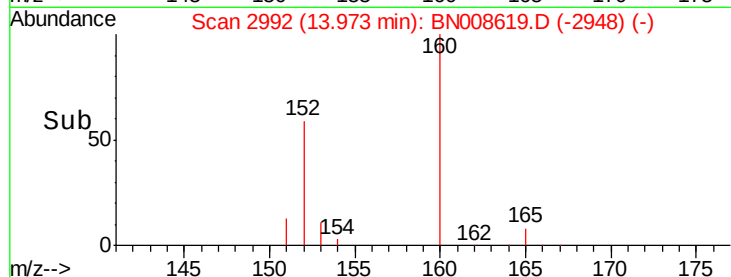
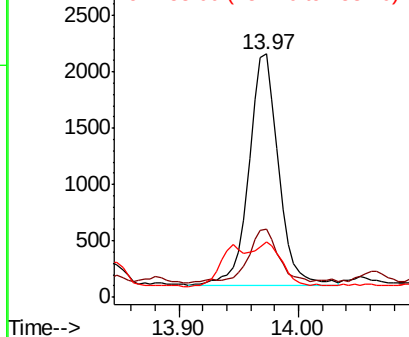


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.037 ng/ul

RT: 14.32 min Scan# 3066

Delta R.T. -0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

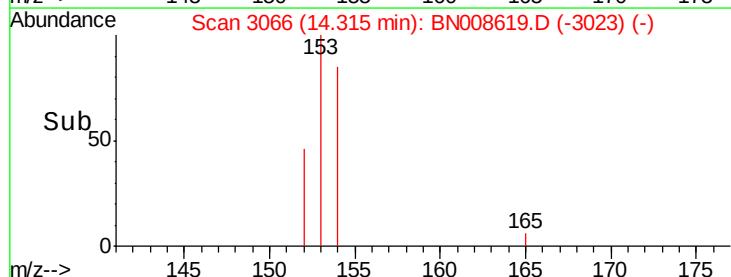
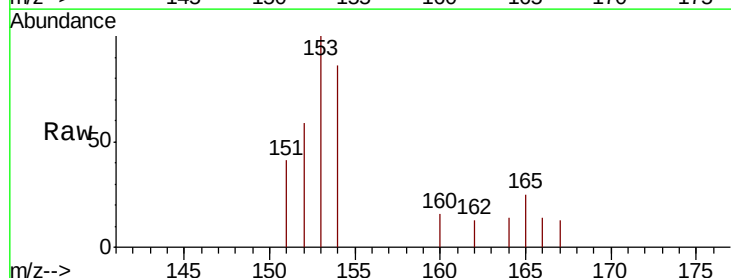
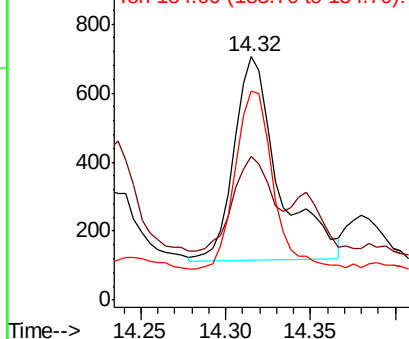
Tgt Ion:	153	Resp:	1075
Ion Ratio	Lower	Upper	
153	100		
152	59.2	39.6	59.4
154	86.0	70.6	106.0

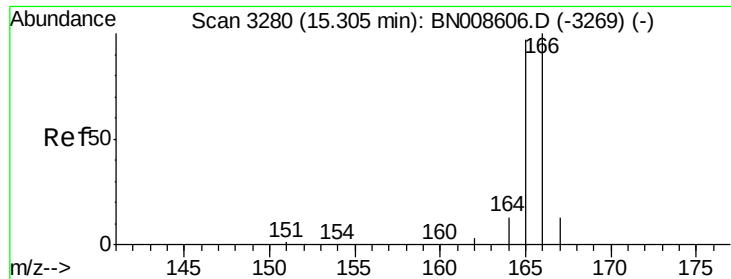
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.049 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

Instrument :

BNA_N

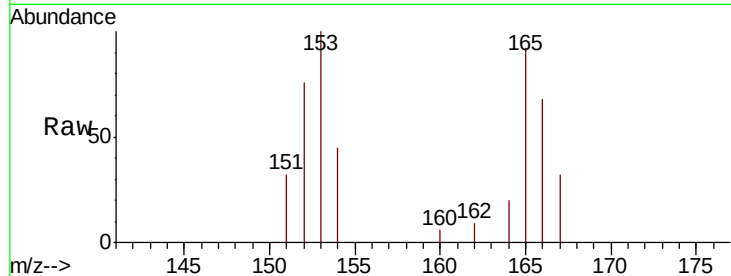
ClientSampleId :

JLMK4

Tot Ion	Ratio	Lower	Upper
166	100		
165	134.9	77.4	116.0#
167	47.3	11.4	17.0#

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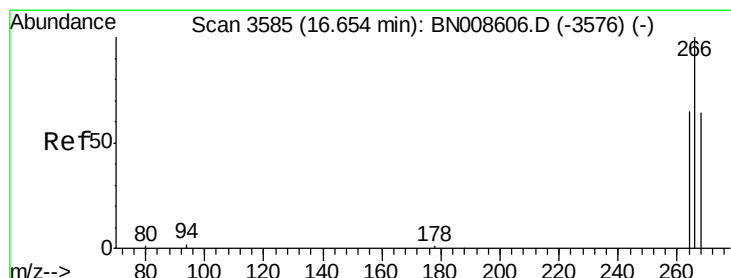
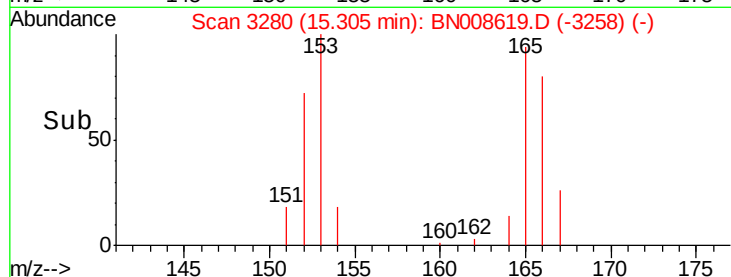
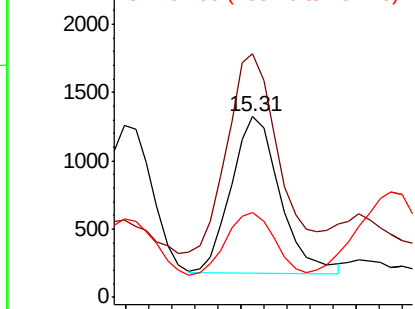


Abundance

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



#11

Pentachlorophenol

Concen: 0.023 ng/ul

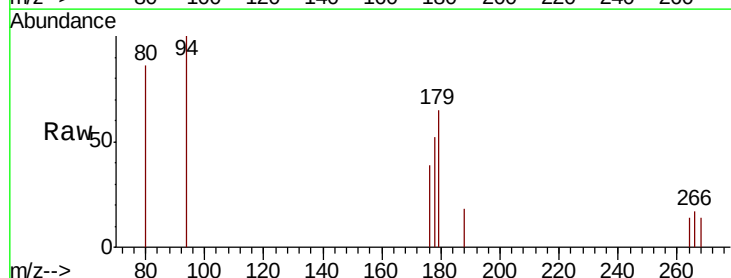
RT: 16.66 min Scan# 3586

Delta R.T. 0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

Tgt Ion	Ratio	Lower	Upper
266	100		
264	87.8	49.2	73.8#
268	64.1	50.9	76.3

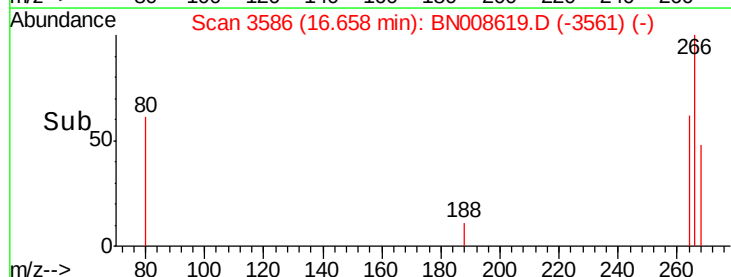
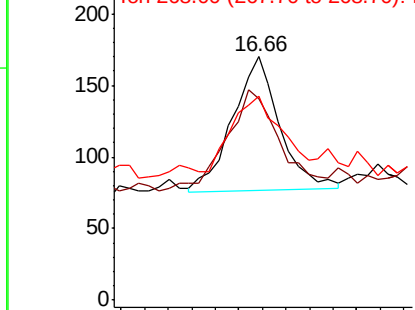


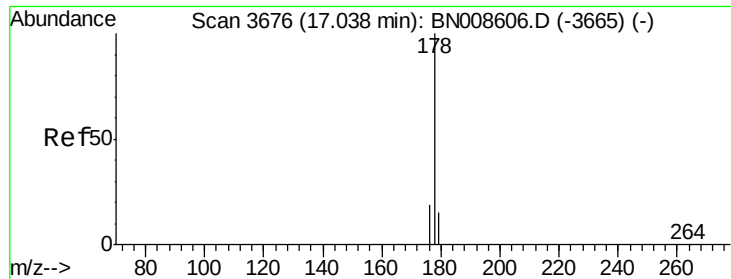
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.387 ng/ul

RT: 17.04 min Scan# 3676

Delta R.T. -0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

Instrument :

BNA_N

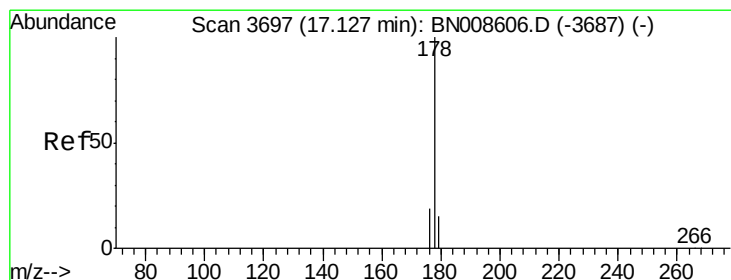
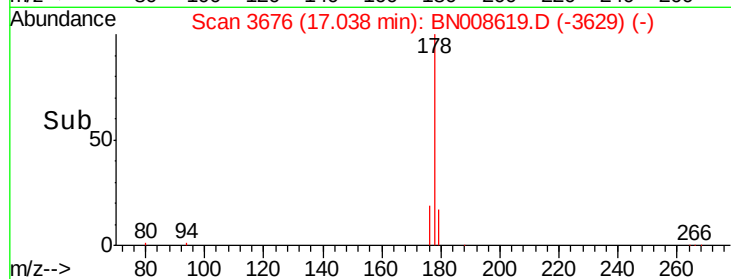
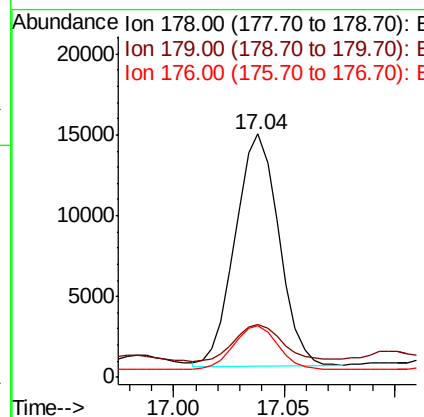
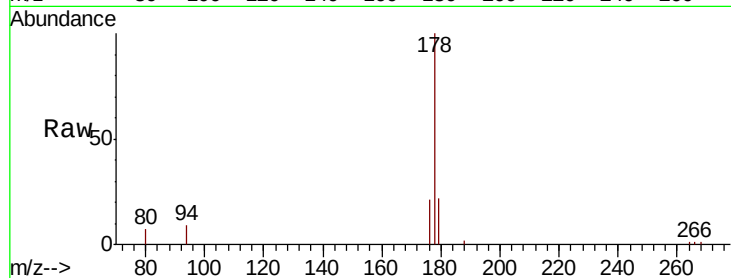
ClientSampleId :

JLMK4

Tot Ion:178	Resp:	19800
Ion Ratio	Lower	Upper
178	100	
179	21.8	12.8 19.2#
176	21.0	16.0 24.0

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#13

Anthracene

Concen: 0.097 ng/ul

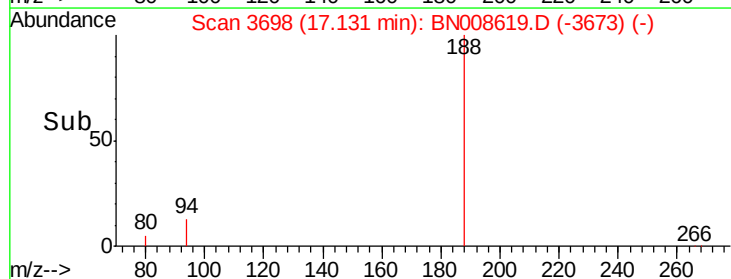
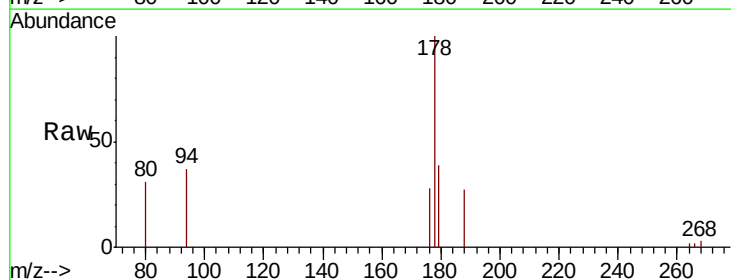
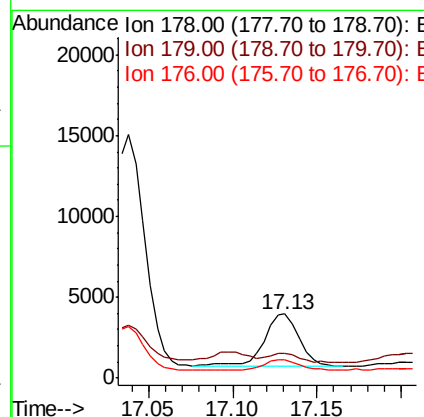
RT: 17.13 min Scan# 3698

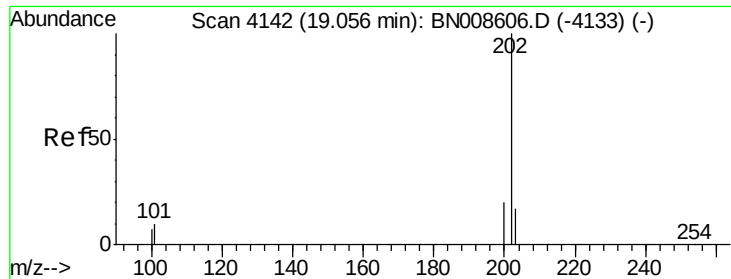
Delta R.T. 0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

Tgt Ion:178	Resp:	4698
Ion Ratio	Lower	Upper
178	100	
179	39.2	13.0 19.4#
176	28.0	15.3 22.9#





#15

Fluoranthene

Concen: 0.417 ng/ul

RT: 19.06 min Scan# 4143

Delta R.T. 0.00 min

Lab File: BN008619.D

Acq: 19 Nov 2019 00:20

Instrument :

BNA_N

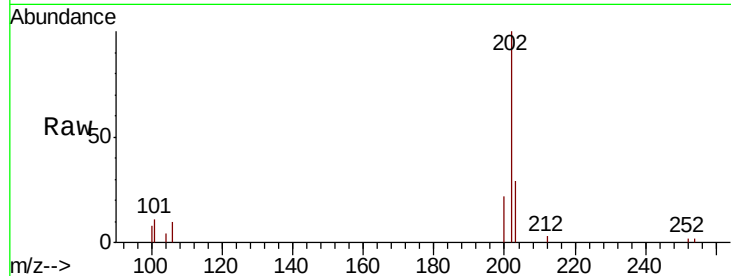
ClientSampleId :

JLMK4

Tot Ion:	202	Resp:	26213
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	29.6
100	7.8	0.0	27.0

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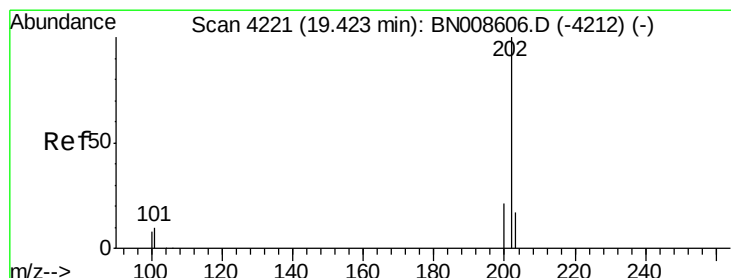
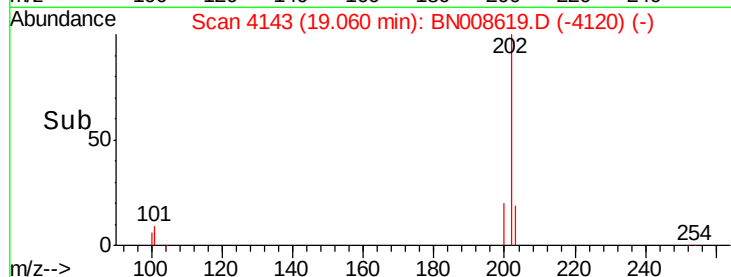
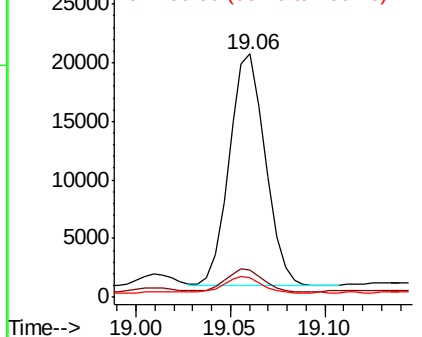
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.639 ng/ul

RT: 19.42 min Scan# 4221

Delta R.T. -0.00 min

Lab File: BN008619.D

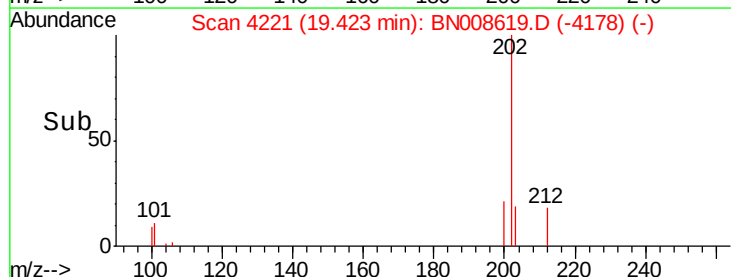
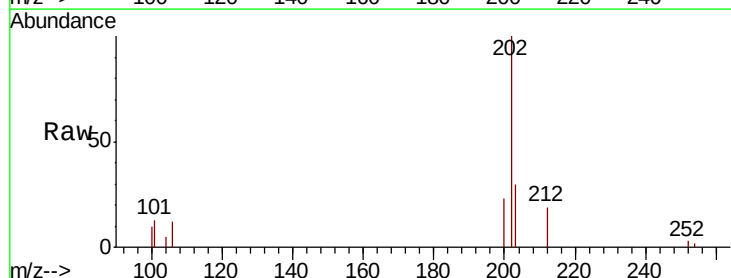
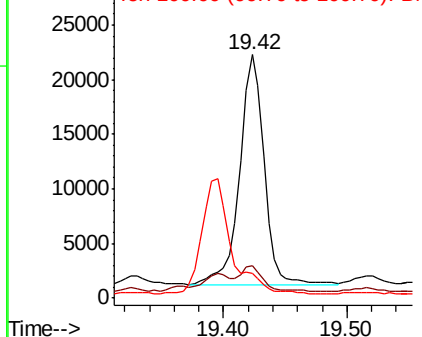
Acq: 19 Nov 2019 00:20

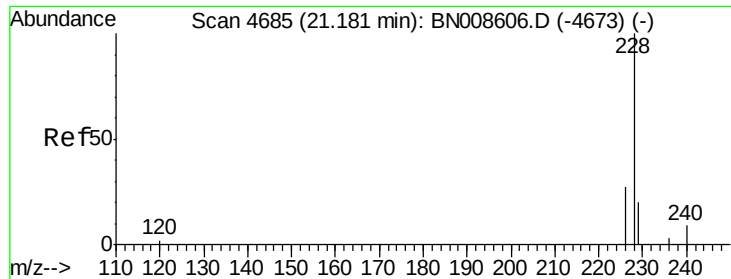
Tgt Ion:	202	Resp:	29265
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.2	15.2
100	10.3	8.2	12.2

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





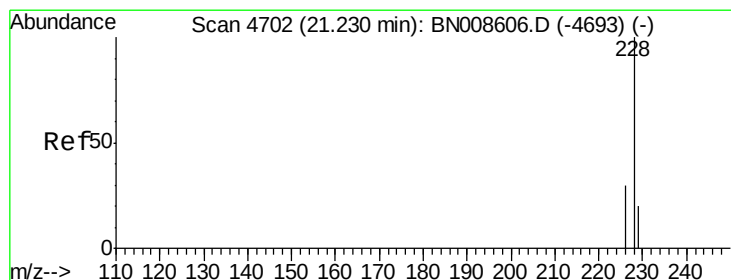
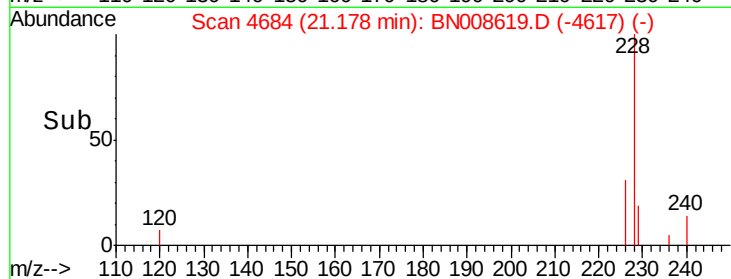
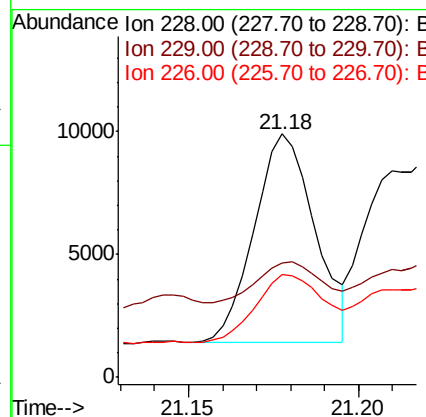
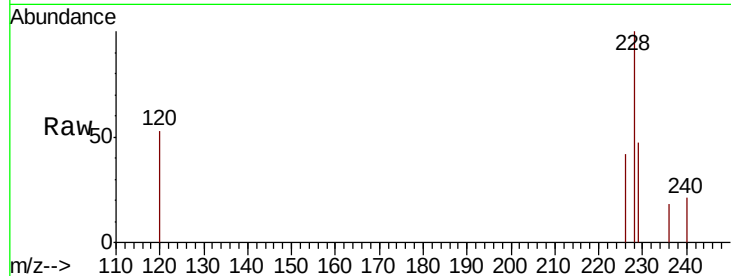
#18
Benzo(a)anthracene
Concen: 0.229 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. -0.00 min
Lab File: BN008619.D
Acq: 19 Nov 2019 00:20

Instrument :
BNA_N
ClientSampleId :
JLMK4

Tot Ion	Ratio	Lower	Upper
228	100		
229	47.1	15.8	23.6#
226	42.0	21.6	32.4#

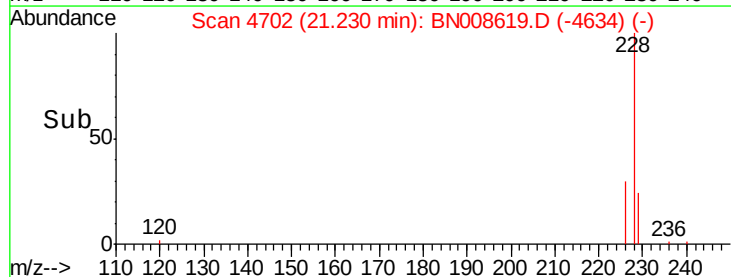
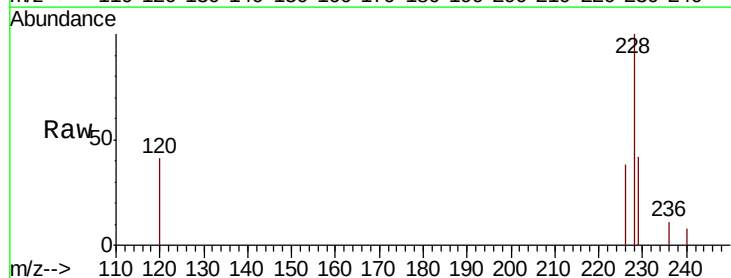
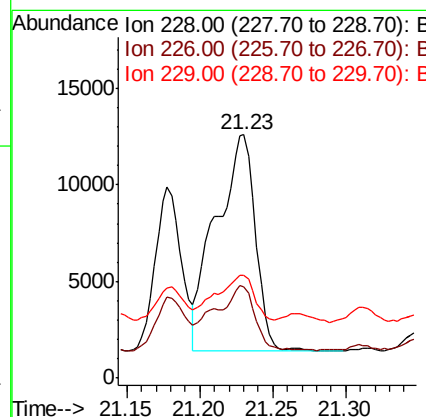
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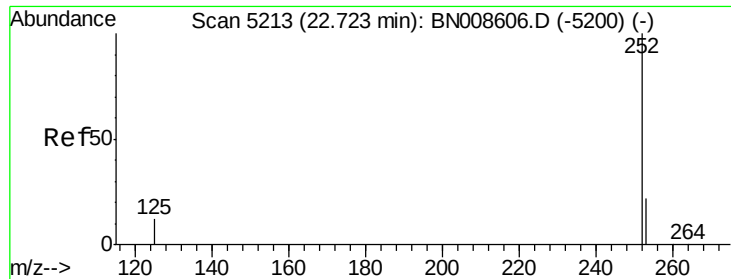
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#19
Chrysene
Concen: 0.466 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. -0.00 min
Lab File: BN008619.D
Acq: 19 Nov 2019 00:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.7	24.5	36.7#
229	42.2	15.5	23.3#





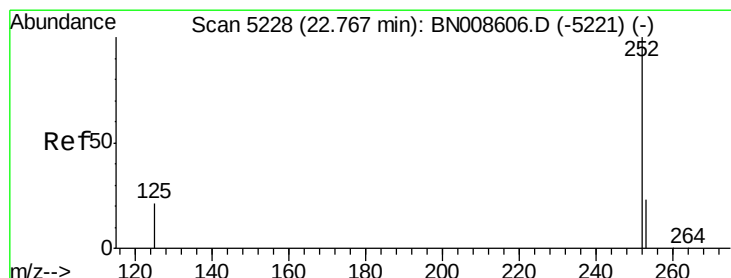
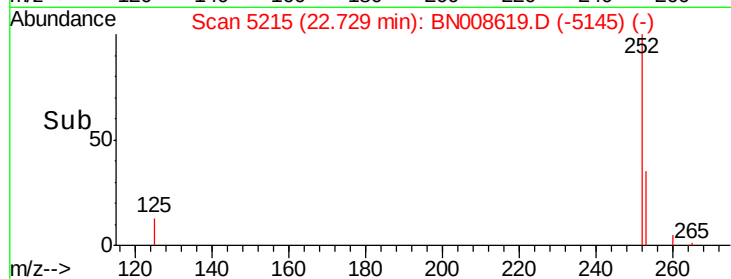
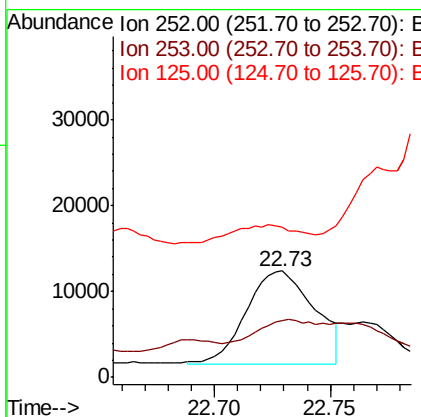
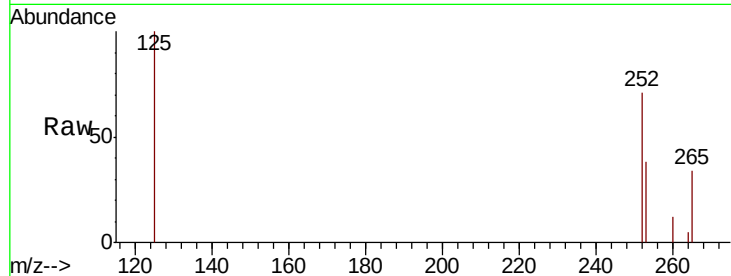
#21
Benzo(b)fluoranthene
Concen: 0.460 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. 0.01 min
Lab File: BN008619.D
Acq: 19 Nov 2019 00:20

Instrument :
BNA_N
ClientSampleId :
JLMK4

Tot Ion	Ratio	Resp	Lower	Upper
252	100	22401		
253	53.8	0.0	50.2#	
125	140.8	0.0	30.0#	

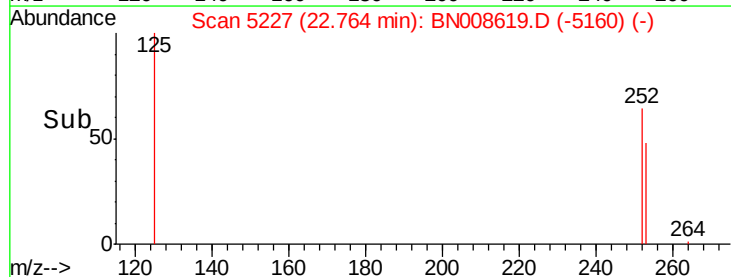
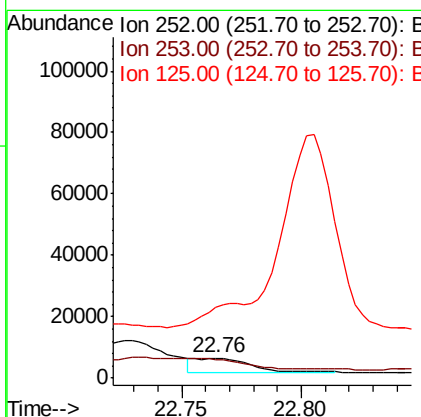
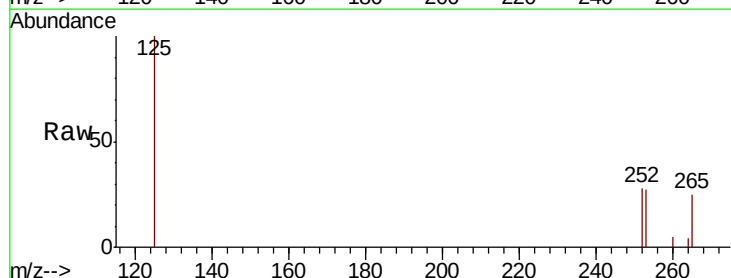
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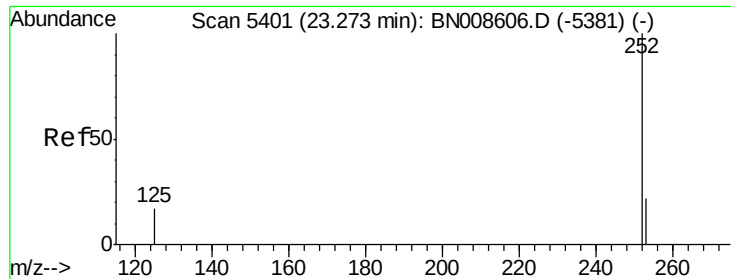
mohammad
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#22
Benzo(k)fluoranthene
Concen: 0.169 ng/ul m
RT: 22.76 min Scan# 5227
Delta R.T. -0.00 min
Lab File: BN008619.D
Acq: 19 Nov 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	8162		
253	95.1	20.5	30.7#	
125	356.8	15.0	22.4#	





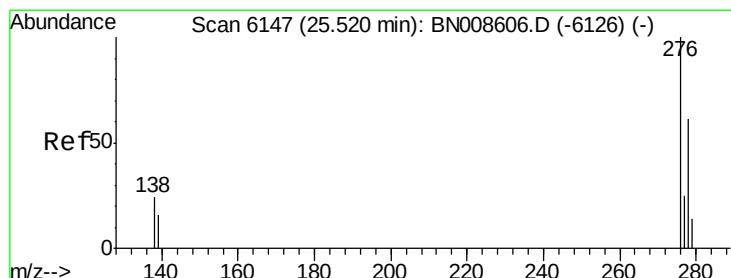
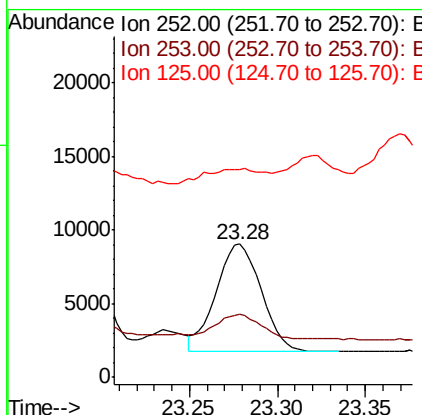
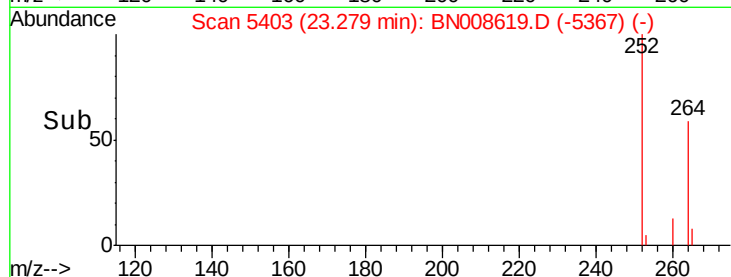
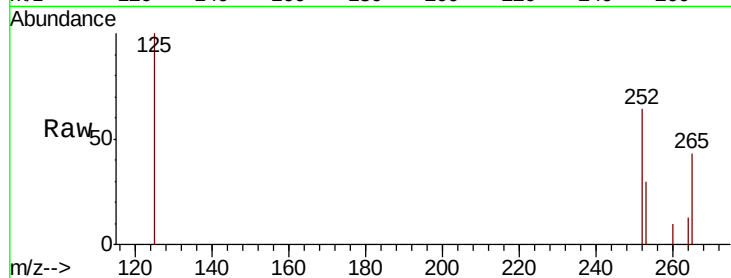
#23
Benzo(a)pyrene
Concen: 0.284 ng/ul
RT: 23.28 min Scan# 5403
Delta R.T. 0.01 min
Lab File: BN008619.D
Acq: 19 Nov 2019 00:20

Instrument :
BNA_N
ClientSampled :
JLMK4

Tot Ion	Ratio	Lower	Upper
252	100		
253	47.4	21.4	32.2#
125	155.9	13.8	20.8#

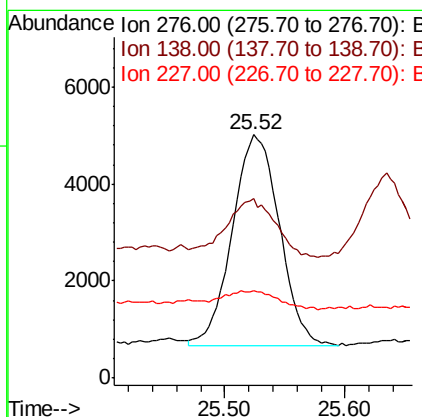
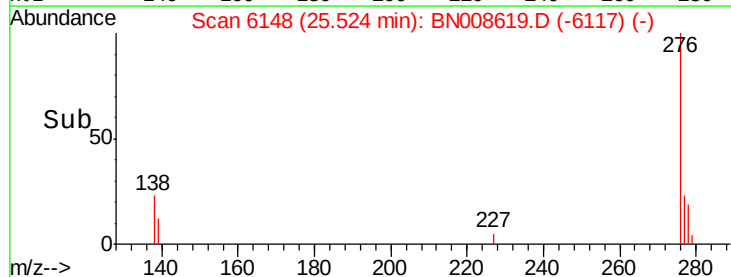
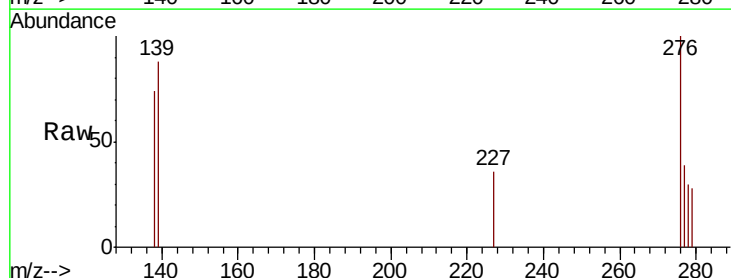
Manual Integrations
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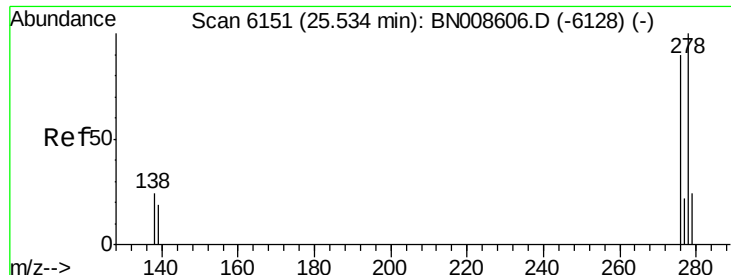
mohammad
11/19/2019 2:45:38 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng/ul
RT: 25.52 min Scan# 6148
Delta R.T. 0.00 min
Lab File: BN008619.D
Acq: 19 Nov 2019 00:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.7	32.5
227	10.4	0.2	0.2#





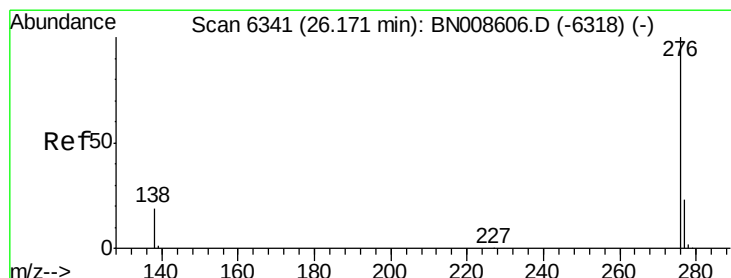
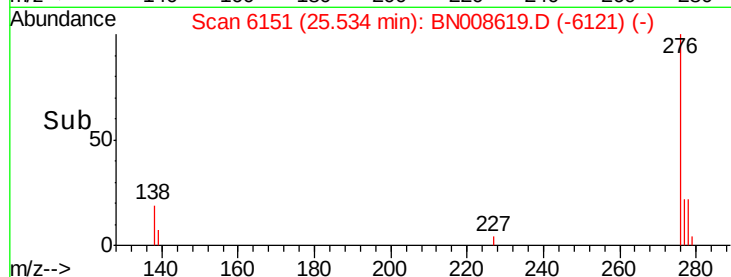
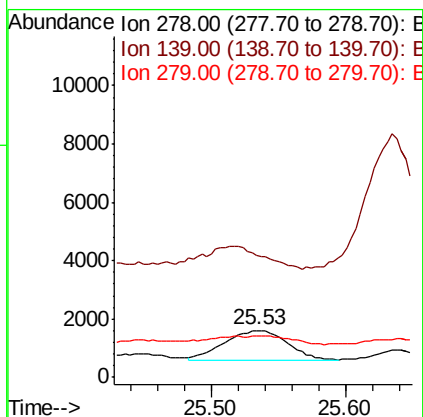
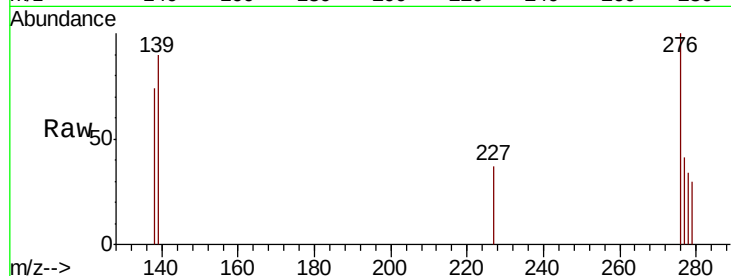
#25
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 25.53 min Scan# 6151
Delta R.T. -0.00 min
Lab File: BN008619.D
Acq: 19 Nov 2019 00:20

Instrument :
BNA_N
ClientSampleId :
JLMK4

Tot Ion	Ratio	Lower	Upper
278	100		
139	261.3	18.7	28.1#
279	87.2	20.8	31.2#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 26.18 min Scan# 6345
Delta R.T. 0.01 min
Lab File: BN008619.D
Acq: 19 Nov 2019 00:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	57.8	20.0	30.0#
277	36.4	20.0	30.0#

