

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
 Data File : BN005689.D
 Acq On : 14 May 2019 14:31
 Operator : JU/SJ
 Sample : K2692-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5179

Manual Integrations
 APPROVED

mohammad
 5/16/2019 11:36:37 AM

Quant Time: May 14 16:48:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1245	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	5435	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	3517	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	8650m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.21	240	7828m	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	6502m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2259	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	7247m	0.27	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.39	128	1511	0.105	ng/ul#	91
5) 2-Methylnaphthalene	12.03	142	728	0.074	ng/ul	99
7) Acenaphthylene	13.94	152	1795	0.101	ng/ul#	90
8) Acenaphthene	14.28	153	9054	0.723	ng/ul	97
9) Fluorene	15.28	166	8216	0.561	ng/ul	100
12) Phenanthrene	17.01	178	142190m	6.033	ng/ul	
13) Anthracene	17.11	178	37362m	1.589	ng/ul	
15) Fluoranthene	19.05	202	335329m	10.280	ng/ul	
17) Pyrene	19.42	202	283987	9.824	ng/ul#	94
18) Benzo(a)anthracene	21.19	228	171236m	6.345	ng/ul	
19) Chrysene	21.24	228	167867	5.065	ng/ul	97
21) Benzo(b)fluoranthene	22.76	252	172369m	8.817	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	67687m	2.763	ng/ul	
23) Benzo(a)pyrene	23.32	252	108734m	4.977	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.61	276	58444m	2.392	ng/ul	
25) Dibenzo(a,h)anthracene	25.61	278	16063m	0.795	ng/ul	
26) Benzo(g,h,i)perylene	26.28	276	49927m	2.396	ng/ul	

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

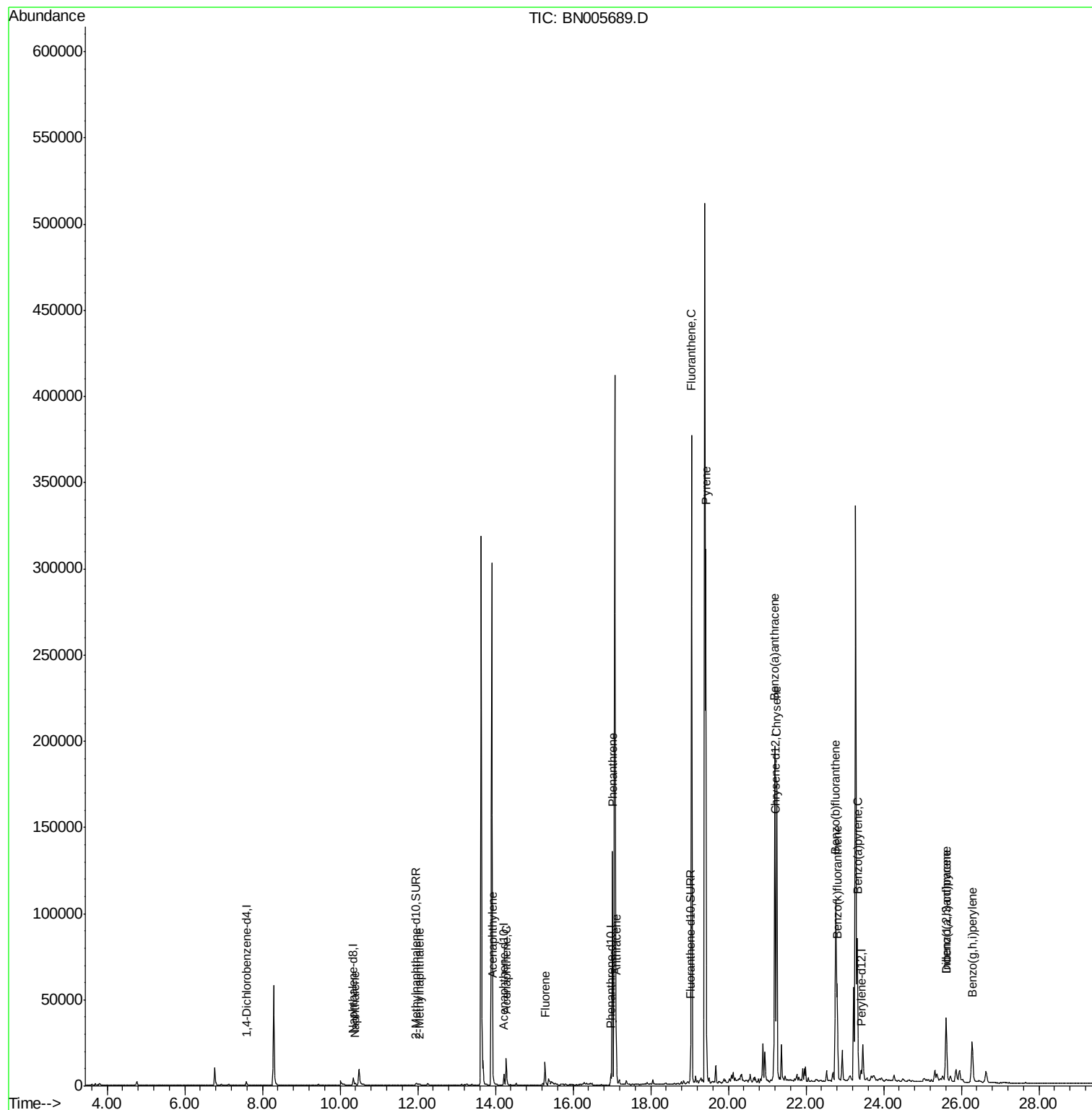
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
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ALS Vial : 42 Sample Multiplier: 1

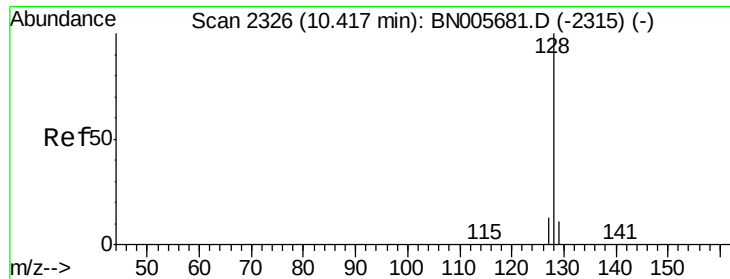
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
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QLast Update : Tue May 14 07:15:06 2019
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#3

Naphthalene

Concen: 0.105 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.02 min

Lab File: BN005689.D

Acq: 14 May 2019 14:31

Instrument :

BNA_N

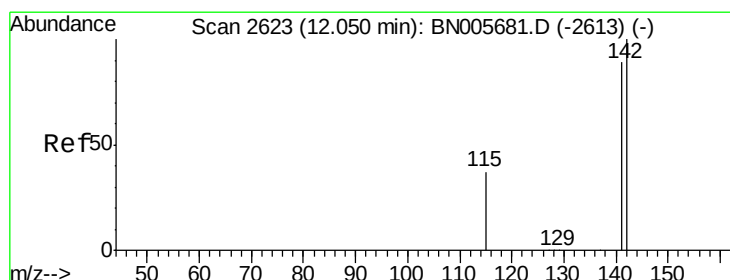
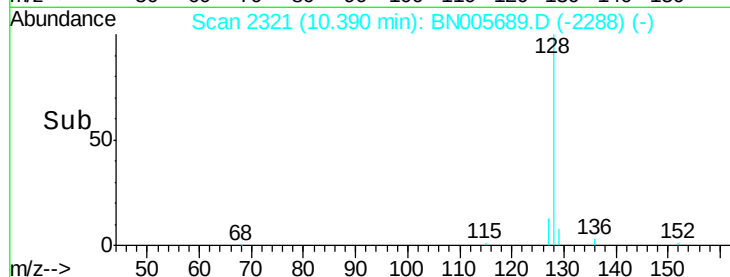
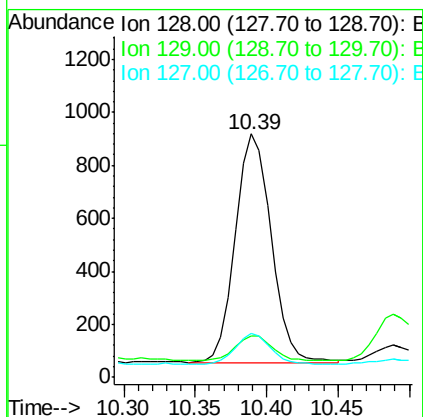
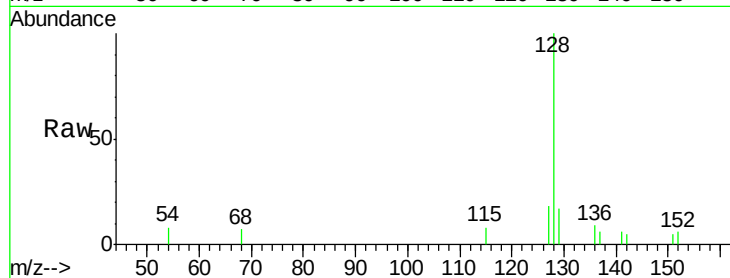
ClientSampleId :

A5179

Tgt Ion:	128	Resp:	1511
Ion Ratio	Lower	Upper	
128	100		
129	17.2	10.2	15.2#
127	18.1	11.8	17.8#

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#5

2-Methylnaphthalene

Concen: 0.074 ng/ul

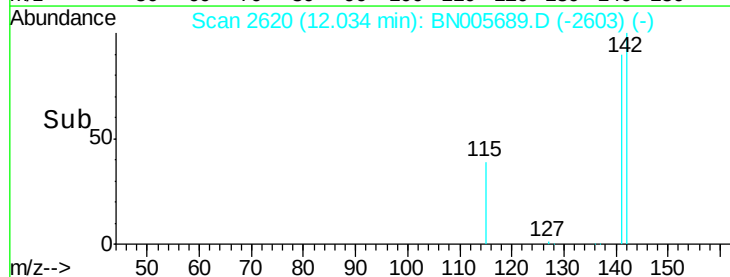
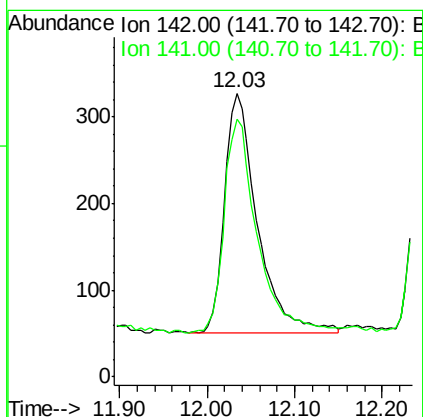
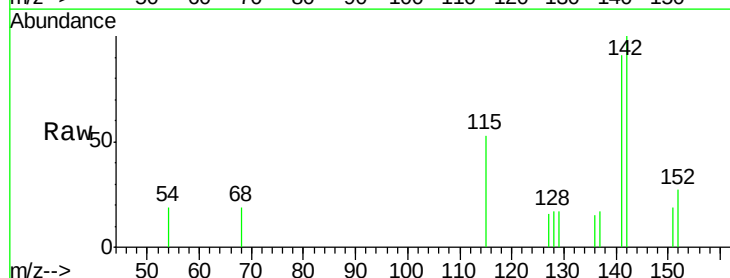
RT: 12.03 min Scan# 2620

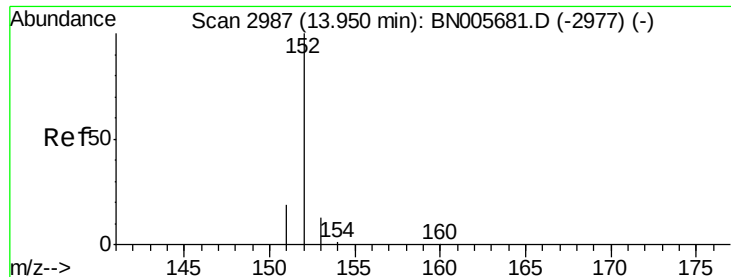
Delta R.T. -0.01 min

Lab File: BN005689.D

Acq: 14 May 2019 14:31

Tgt Ion:	142	Resp:	728
Ion Ratio	Lower	Upper	
142	100		
141	89.7	72.2	108.2





#7

Acenaphthylene

Concen: 0.101 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN005689.D

Acq: 14 May 2019 14:31

Instrument :

BNA_N

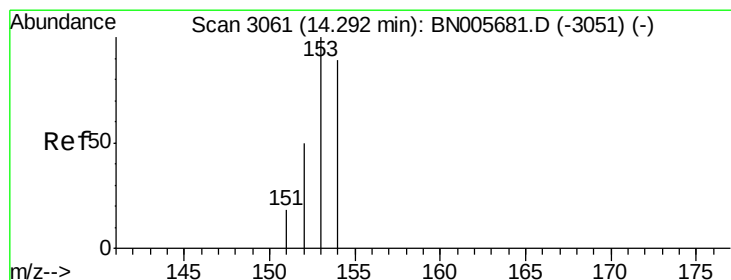
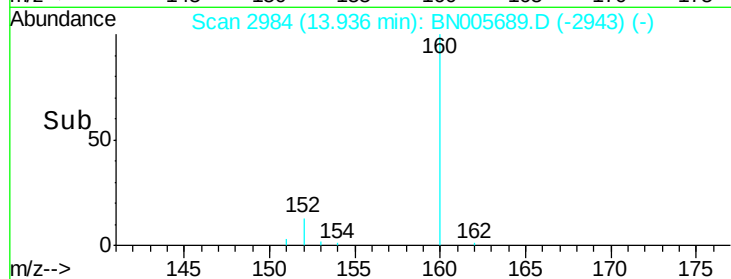
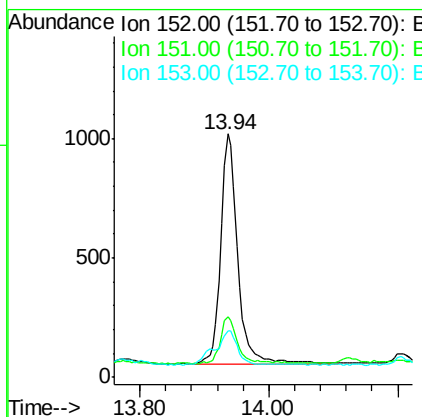
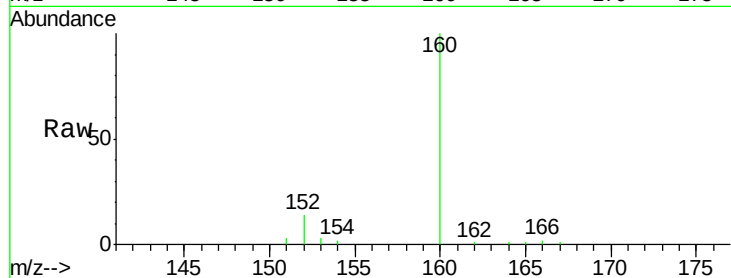
ClientSampled :

A5179

Tgt Ion:	152	Resp:	1795
Ion Ratio	Lower	Upper	
152	100		
151	25.0	16.7	25.1
153	18.9	11.6	17.4#

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#8

Acenaphthene

Concen: 0.723 ng/ul

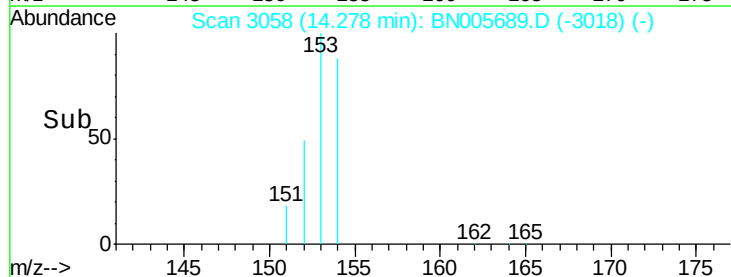
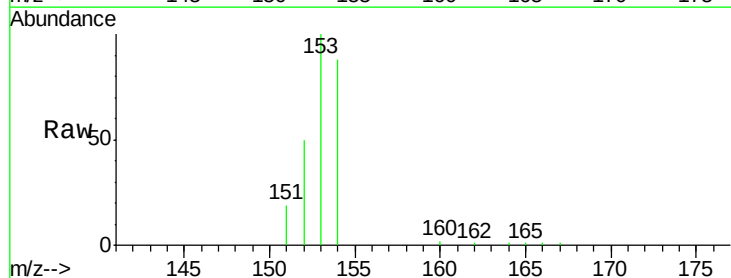
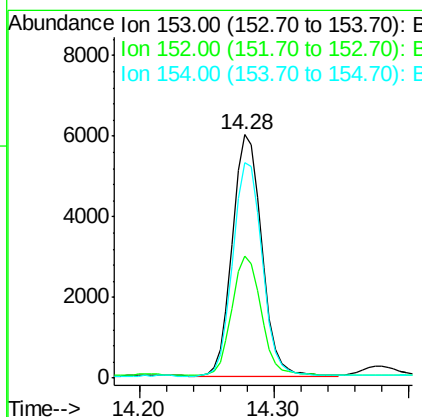
RT: 14.28 min Scan# 3058

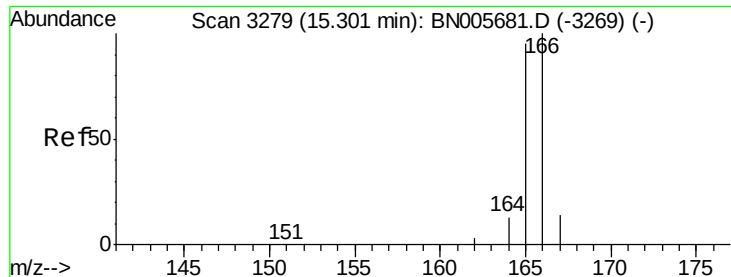
Delta R.T. -0.01 min

Lab File: BN005689.D

Acq: 14 May 2019 14:31

Tgt Ion:	153	Resp:	9054
Ion Ratio	Lower	Upper	
153	100		
152	49.9	40.8	61.2
154	88.2	73.2	109.8





#9

Fluorene

Concen: 0.561 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.02 min

Lab File: BN005689.D

Acq: 14 May 2019 14:31

Instrument :

BNA_N

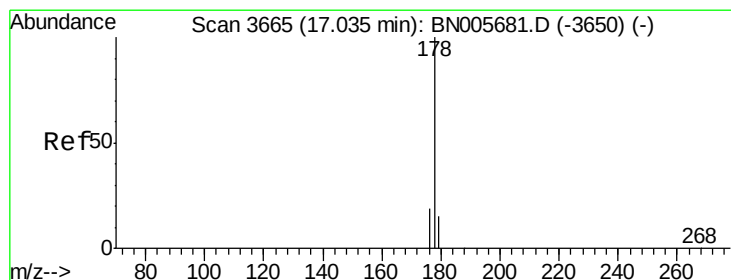
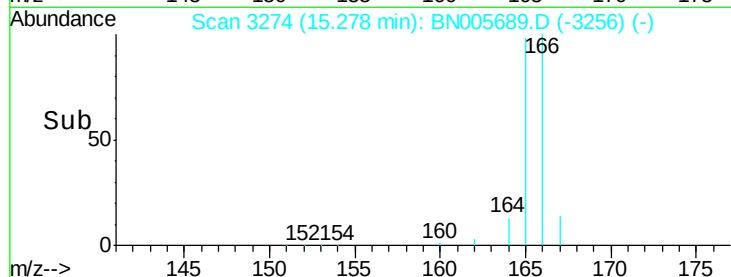
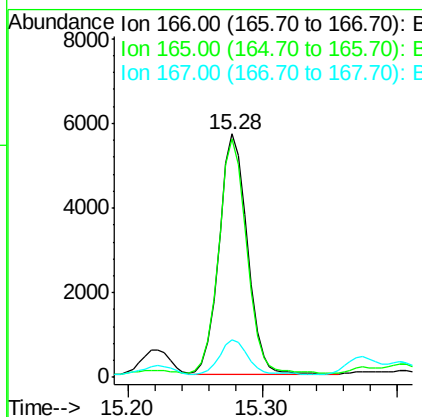
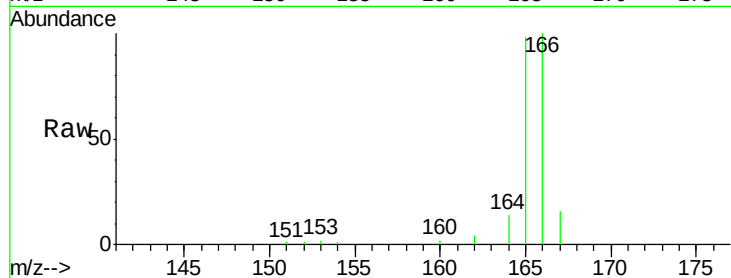
ClientSampleId :

A5179

Tgt Ion:	166	Resp:	8216
Ion Ratio	Lower	Upper	
166	100		
165	97.7	78.0	117.0
167	15.5	12.2	18.4

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#12

Phenanthrene

Concen: 6.033 ng/ul m

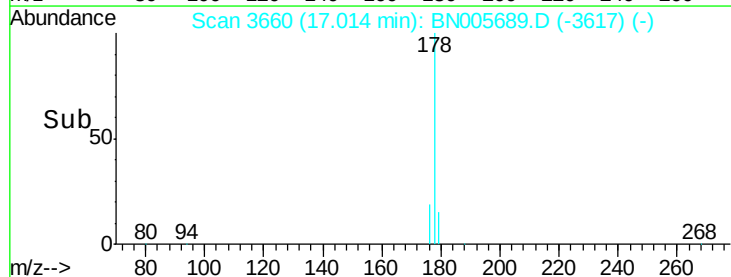
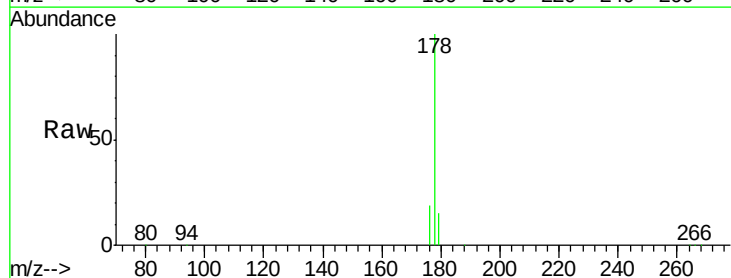
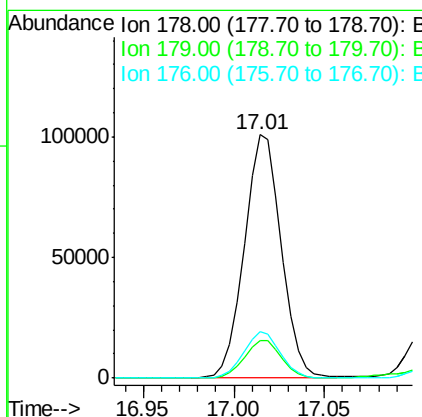
RT: 17.01 min Scan# 3660

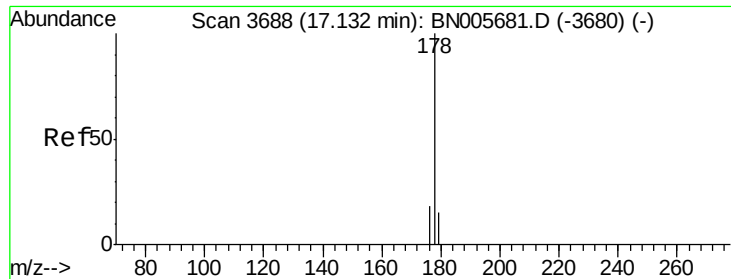
Delta R.T. -0.02 min

Lab File: BN005689.D

Acq: 14 May 2019 14:31

Tgt Ion:	178	Resp:	142190
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.8	19.2
176	19.0	15.3	22.9





#13

Anthracene

Concen: 1.589 ng/ul m

RT: 17.11 min Scan# 3682

Delta R.T. -0.02 min

Lab File: BN005689.D

Acq: 14 May 2019 14:31

Instrument :

BNA_N

ClientSampleId :

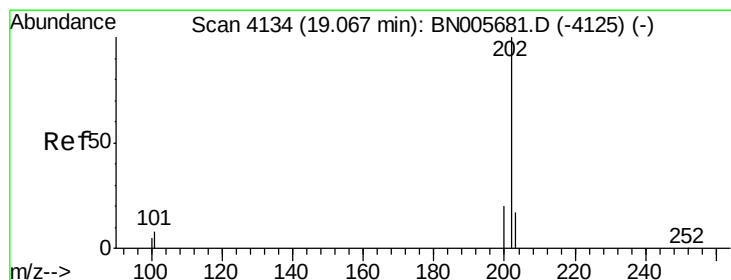
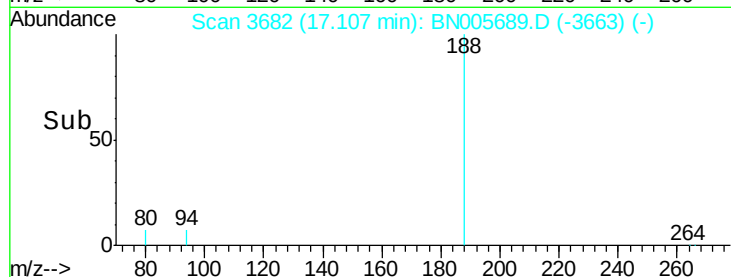
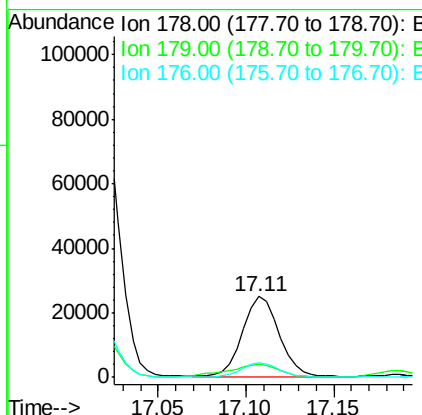
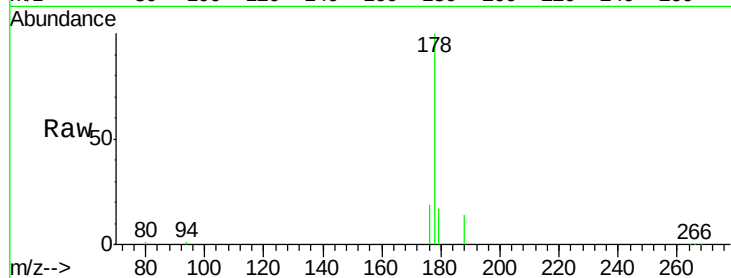
A5179

Tgt Ion:178 Resp: 37362

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.4	20.2
176	18.6	15.1	22.7

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#15

Fluoranthene

Concen: 10.280 ng/ul m

RT: 19.05 min Scan# 4131

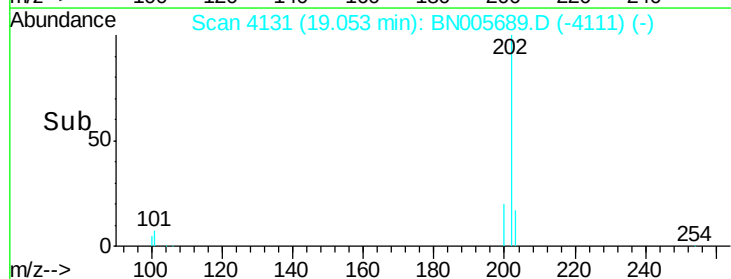
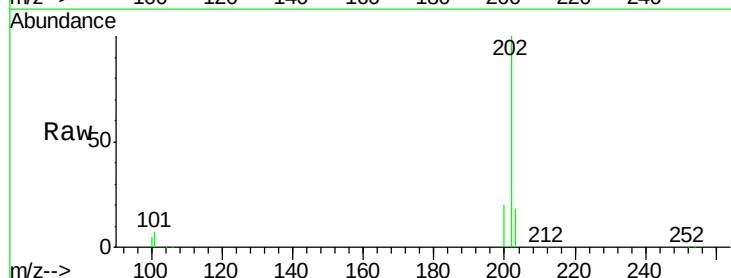
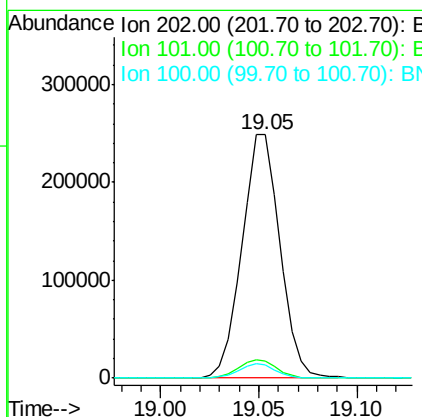
Delta R.T. -0.01 min

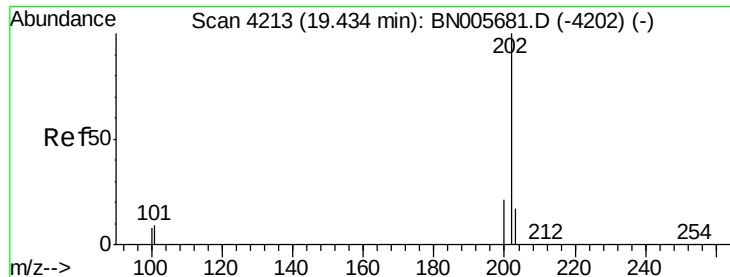
Lab File: BN005689.D

Acq: 14 May 2019 14:31

Tgt Ion:202 Resp: 335329

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	29.4
100	5.2	0.0	27.1





#17

Pyrene

Concen: 9.824 ng/ul

RT: 19.42 min Scan# 4210

Delta R.T. -0.01 min

Lab File: BN005689.D

Acq: 14 May 2019 14:31

Instrument :

BNA_N

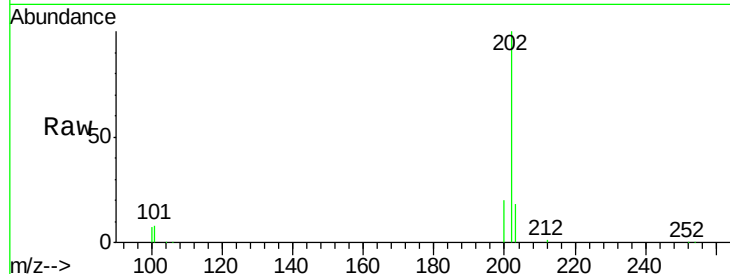
ClientSampled :

A5179

Tgt Ion:	202	Resp:	283987
Ion Ratio	Lower	Upper	
202	100		
101	8.4	8.5	12.7#
100	6.8	6.9	10.3#

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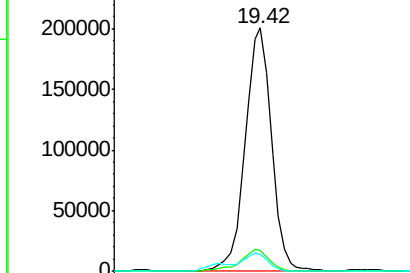
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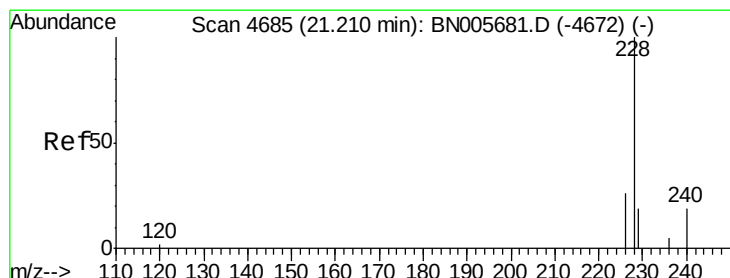
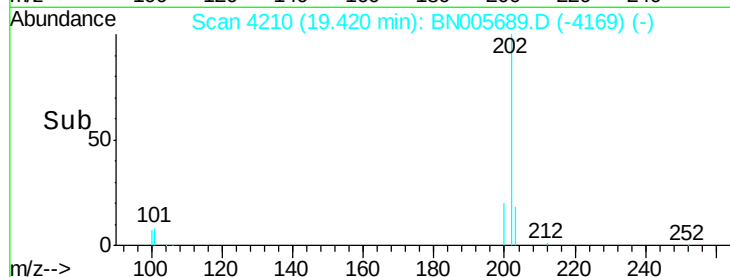
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->



#18

Benzo(a)anthracene

Concen: 6.345 ng/ul m

RT: 21.19 min Scan# 4679

Delta R.T. -0.01 min

Lab File: BN005689.D

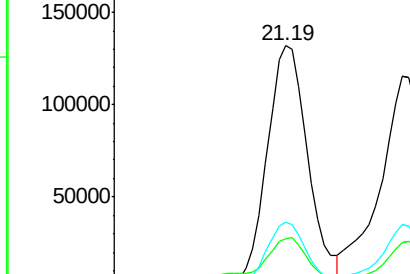
Acq: 14 May 2019 14:31

Tgt Ion:	228	Resp:	171236
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.8	23.8
226	27.3	21.7	32.5

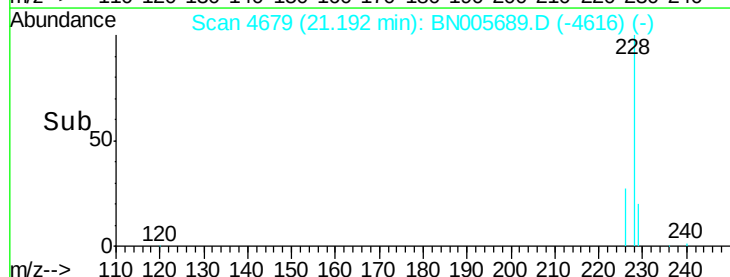
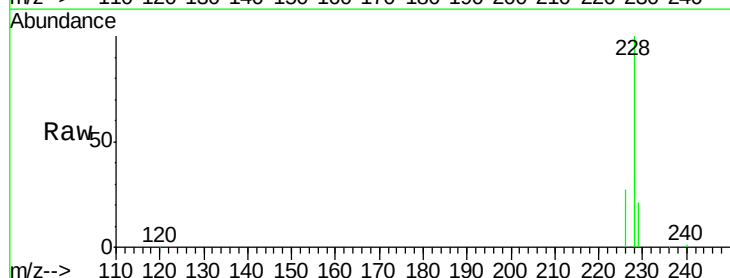
Abundance Ion 228.00 (227.70 to 228.70): E

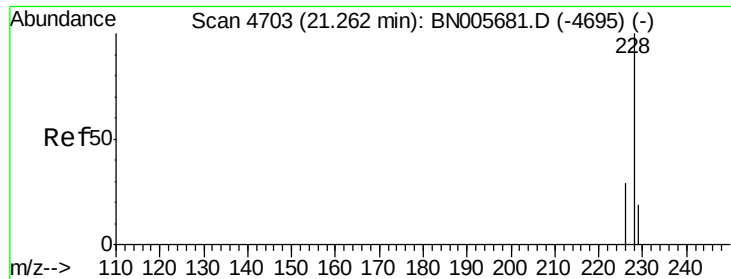
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->





#19

Chrysene

Concen: 5.065 ng/ul

RT: 21.24 min Scan# 4697

Delta R.T. -0.01 min

Lab File: BN005689.D

Acq: 14 May 2019 14:31

Instrument :

BNA_N

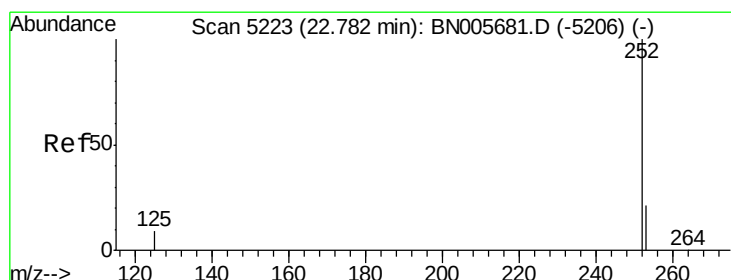
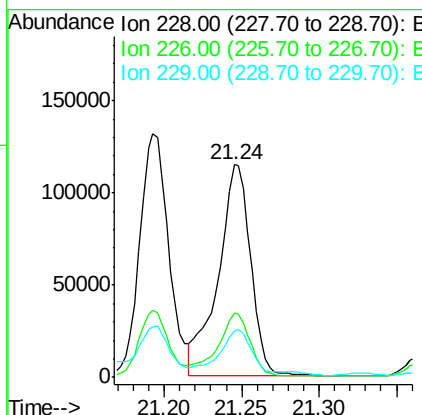
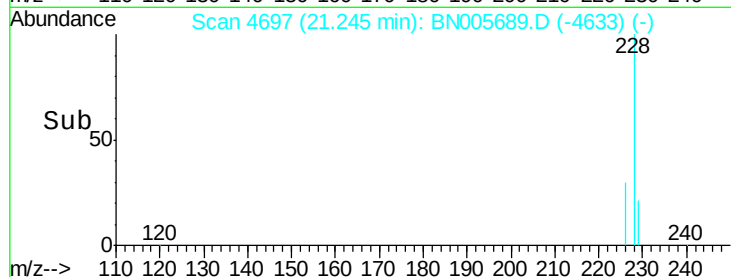
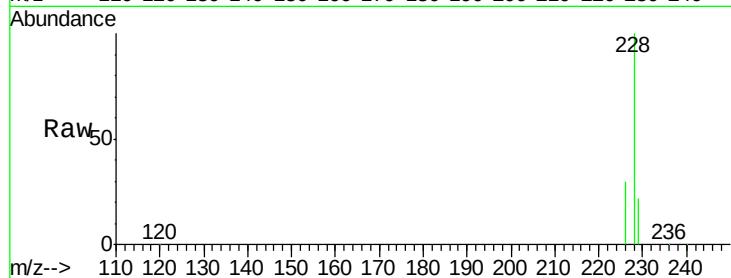
ClientSampleId :

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Tgt	Ion	228	Resp	167867
Ion	Ratio	Lower	Upper	
228	100			
226	30.4	23.2	34.8	
229	21.9	16.0	24.0	

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#21

Benzo(b)fluoranthene

Concen: 8.817 ng/ul m

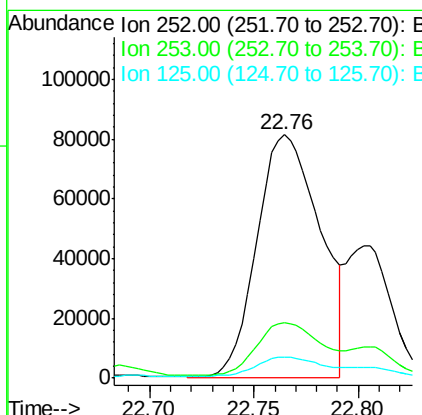
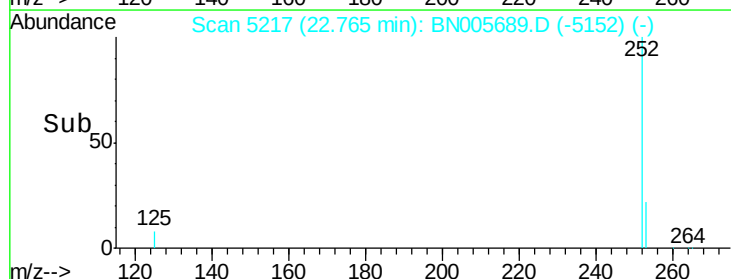
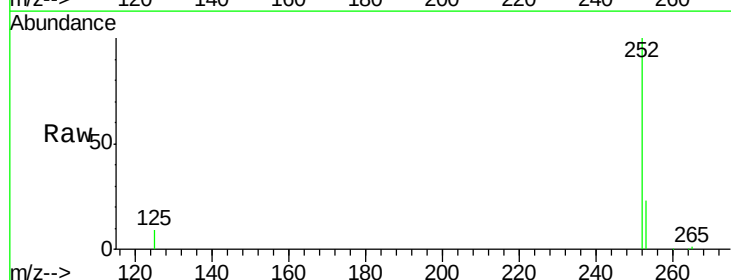
RT: 22.76 min Scan# 5217

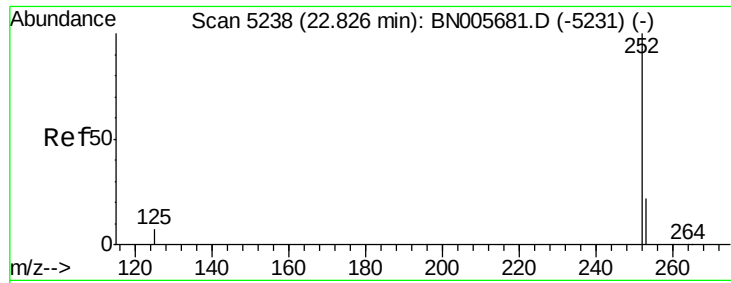
Delta R.T. -0.01 min

Lab File: BN005689.D

Acq: 14 May 2019 14:31

Tgt	Ion	252	Resp	172369
Ion	Ratio	Lower	Upper	
252	100			
253	23.0	0.0	47.6	
125	8.6	0.0	20.8	





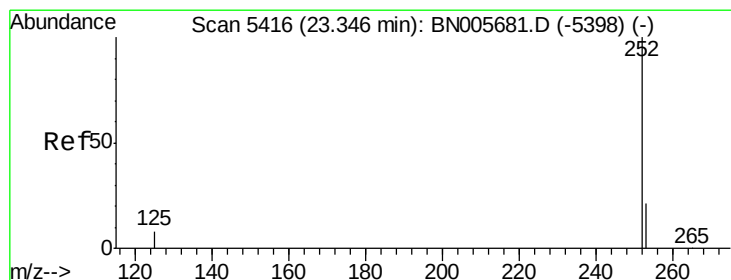
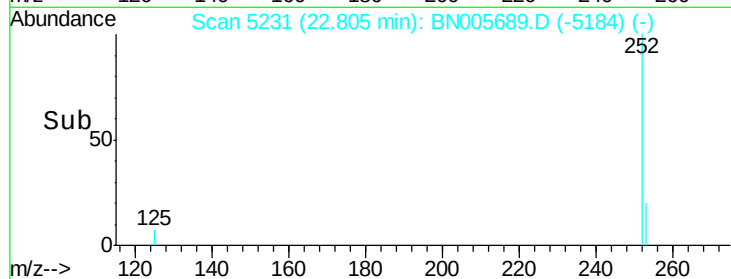
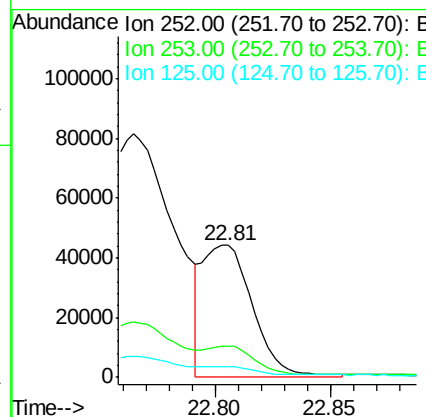
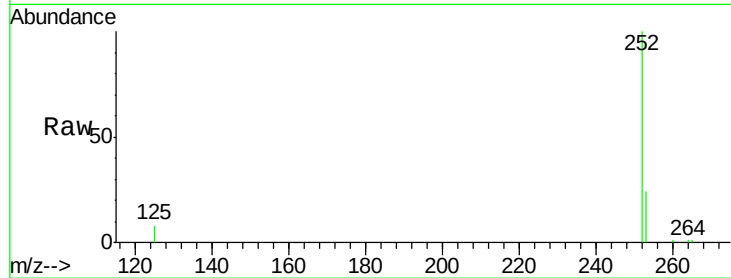
#22
Benzo(k)fluoranthene
Concen: 2.763 ng/ul m
RT: 22.81 min Scan# 5231
Delta R.T. -0.01 min
Lab File: BN005689.D
Acq: 14 May 2019 14:31

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.8	28.2
125	8.3	7.6	11.4

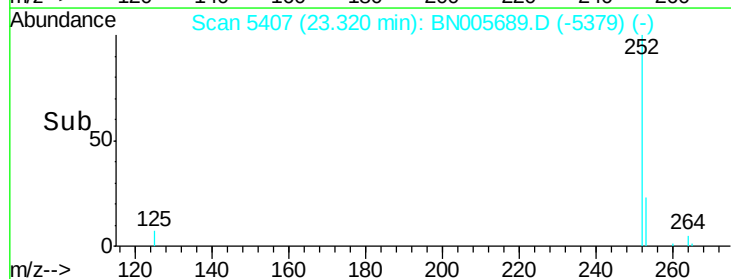
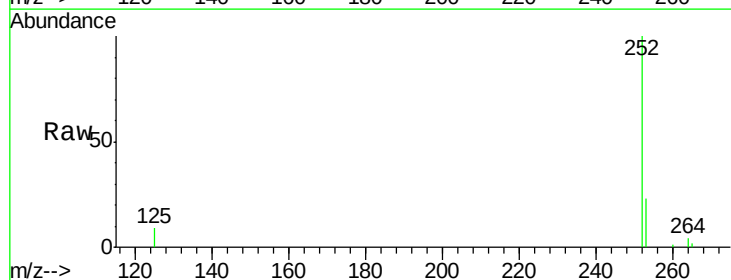
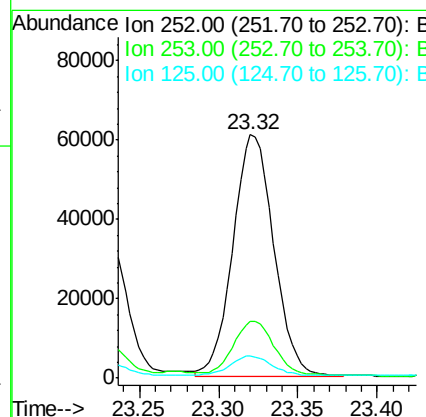
Manual Integrations
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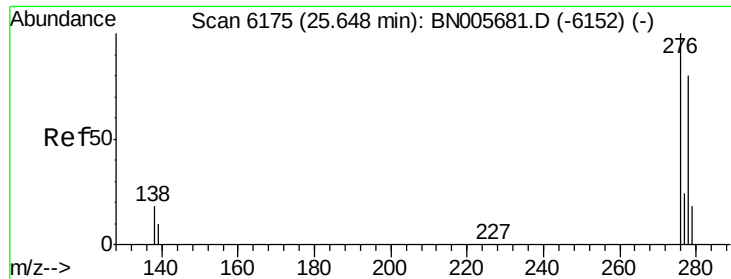
mohammad
5/16/2019 11:36:37 AM



#23
Benzo(a)pyrene
Concen: 4.977 ng/ul m
RT: 23.32 min Scan# 5407
Delta R.T. -0.02 min
Lab File: BN005689.D
Acq: 14 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.6	29.4
125	9.1	10.1	15.1#





#24

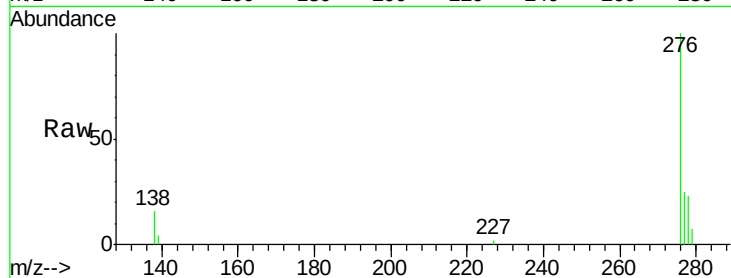
Indeno(1,2,3-cd)pyrene
Concen: 2.392 ng/ul m
RT: 25.61 min Scan# 6163
Delta R.T. -0.02 min
Lab File: BN005689.D
Acq: 14 May 2019 14:31

Instrument :
BNA_N
ClientSampleId :
A5179

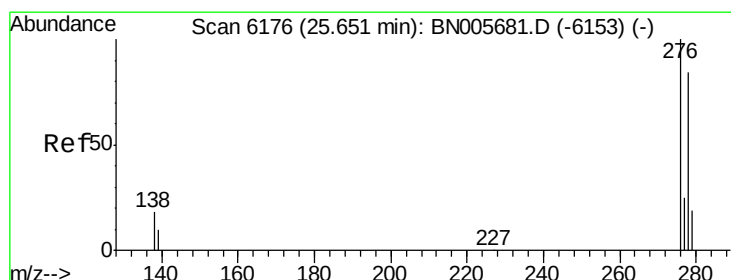
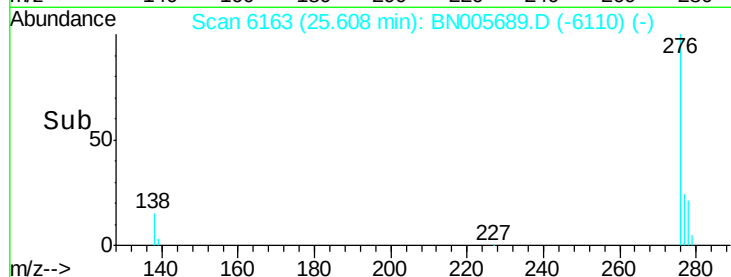
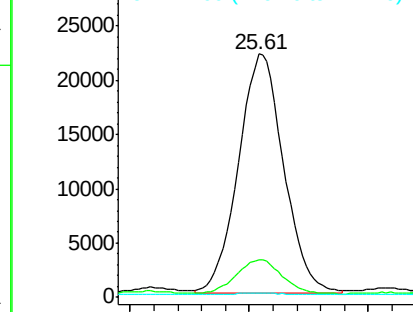
Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.9	15.8	23.8#
227	0.0	0.1	0.1#

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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

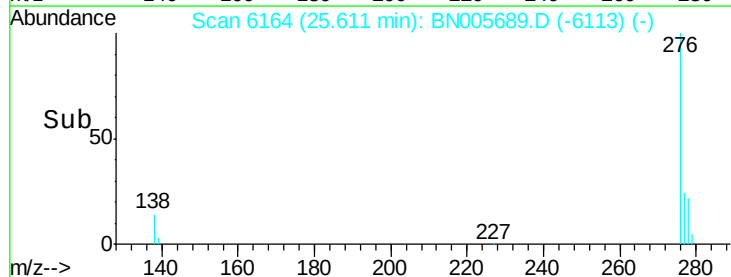
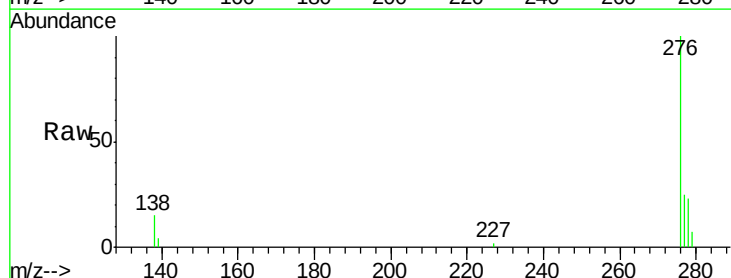
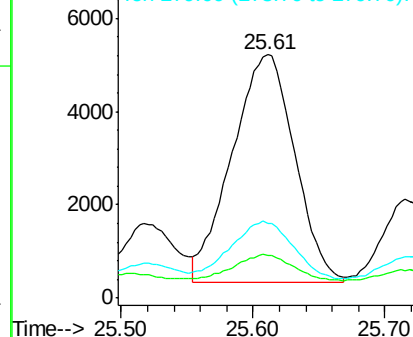


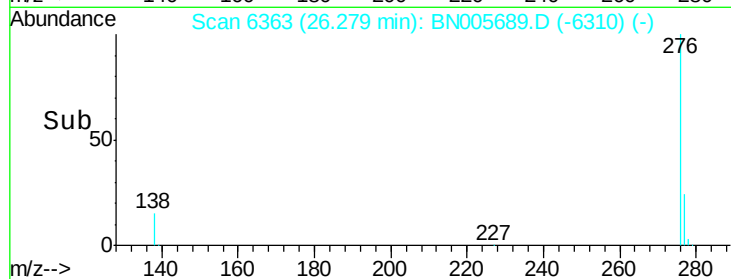
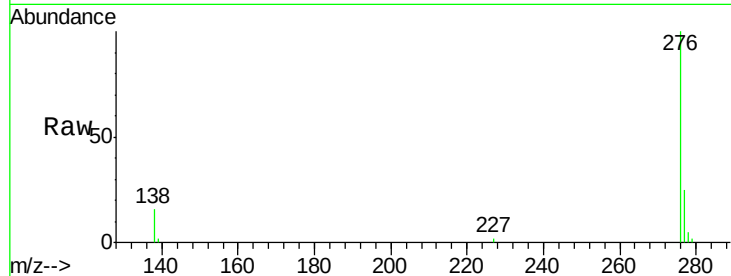
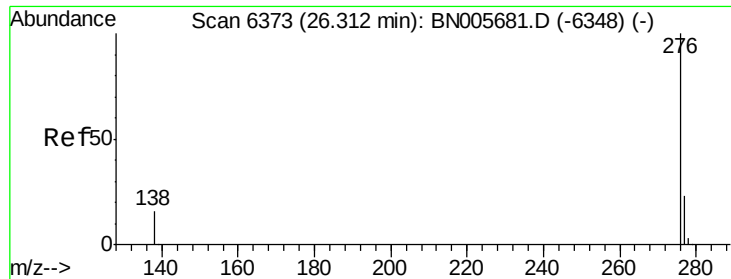
#25

Dibenzo(a,h)anthracene
Concen: 0.795 ng/ul m
RT: 25.61 min Scan# 6164
Delta R.T. -0.03 min
Lab File: BN005689.D
Acq: 14 May 2019 14:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.4	18.6
279	30.8	21.0	31.4

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: 2.396 ng/ul m

RT: 26.28 min Scan# 6363

Delta R.T. -0.02 min

Lab File: BN005689.D

Acq: 14 May 2019 14:31

Instrument :

BNA_N

ClientSampleId :

A5179

Tgt Ion:	276	Resp:	49927
Ion Ratio	Lower	Upper	
276	100		
138	15.9	15.6	23.4
277	25.5	20.6	31.0

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