

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
 Data File : BN005643.D
 Acq On : 12 May 2019 09:31
 Operator : JU/SJ
 Sample : K2606-04DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5138DL

Manual Integrations
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mohammad
 5/14/2019 3:47:52 AM

Quant Time: May 13 12:48:48 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 : Sun May 12 00:36:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1981	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.35	136	7820	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	4535	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	10641	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	12326	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	9142	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	599	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.02	212	1557	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	1892	0.091	ng/ul#	95
5) 2-Methylnaphthalene	12.03	142	946	0.067	ng/ul	99
7) Acenaphthylene	13.94	152	1624	0.071	ng/ul#	92
8) Acenaphthene	14.28	153	613	0.038	ng/ul	95
9) Fluorene	15.28	166	1256	0.067	ng/ul#	96
12) Phenanthrene	17.02	178	37789	1.303	ng/ul	99
13) Anthracene	17.12	178	3750	0.130	ng/ul	95
15) Fluoranthene	19.06	202	95081	2.369	ng/ul	96
17) Pyrene	19.42	202	80458	1.768	ng/ul	97
18) Benzo(a)anthracene	21.20	228	31551	0.742	ng/ul	97
19) Chrysene	21.25	228	43786	0.839	ng/ul	98
21) Benzo(b)fluoranthene	22.77	252	53157m	1.934	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	20459m	0.594	ng/ul	
23) Benzo(a)pyrene	23.33	252	27545	0.897	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.62	276	21774	0.634	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.63	278	5604	0.197	ng/ul#	79
26) Benzo(g,h,i)perylene	26.29	276	20726	0.707	ng/ul	97

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

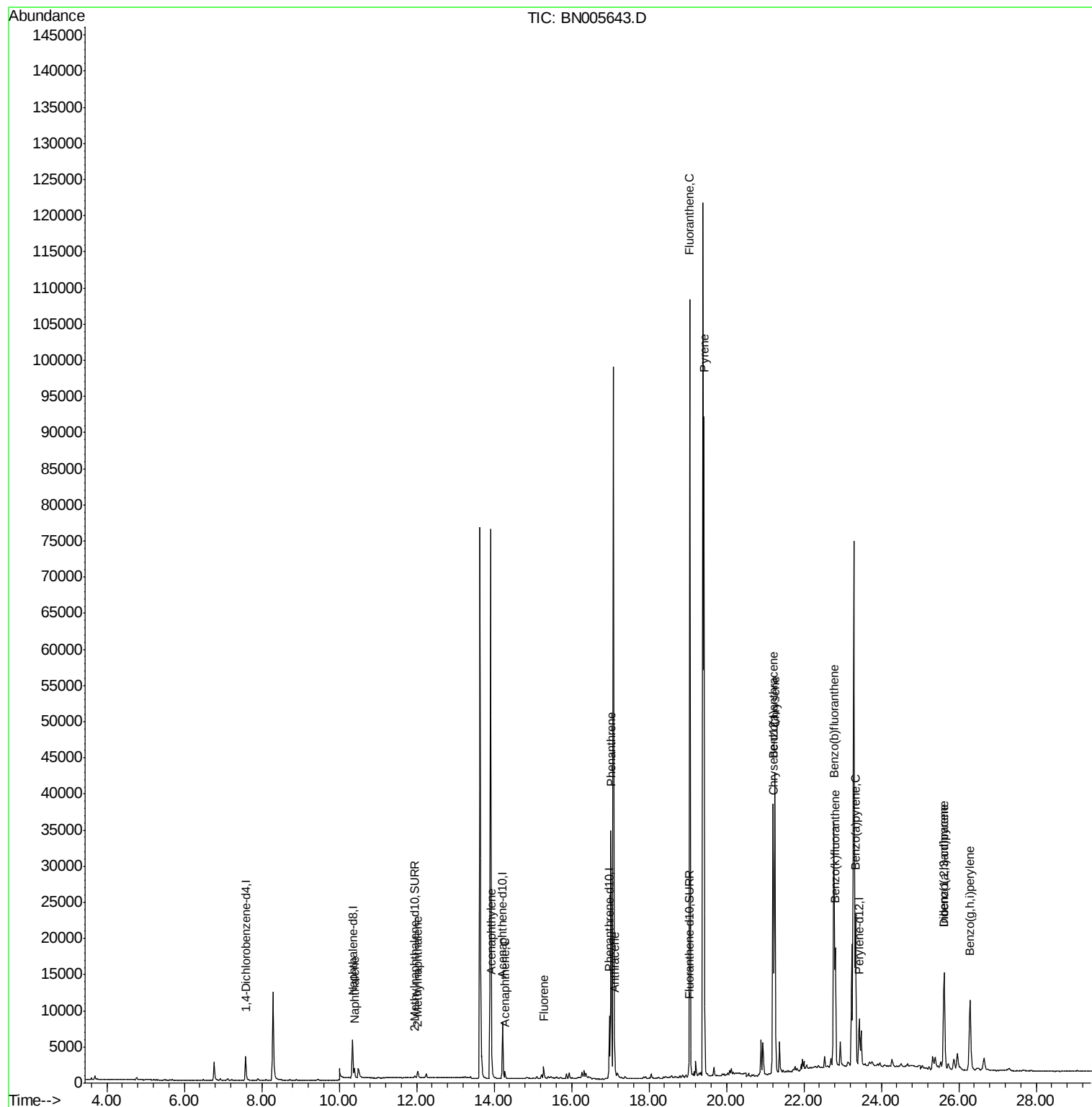
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005643.D
Acq On : 12 May 2019 09:31
Operator : JU/SJ
Sample : K2606-04DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

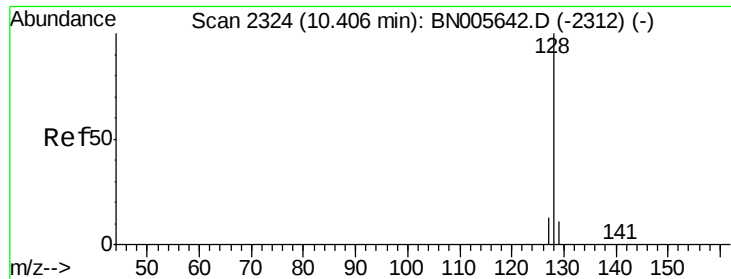
Instrument :
BNA_N
ClientSampleId :
A5138DL

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Quant Time: May 13 12:48:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
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QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.091 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BN005643.D

Acq: 12 May 2019 09:31

Instrument :

BNA_N

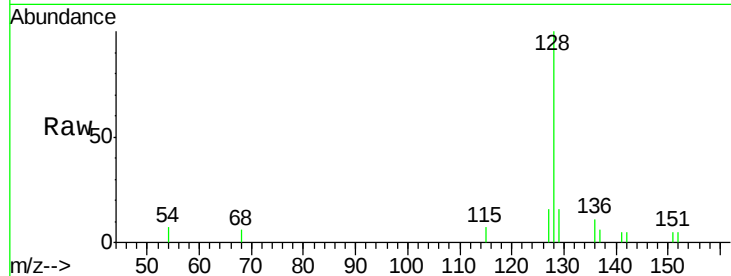
ClientSampleId :

A5138DL

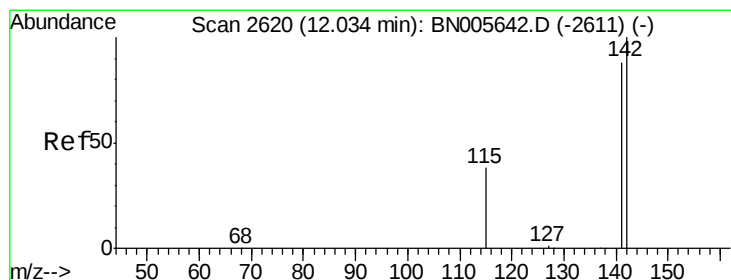
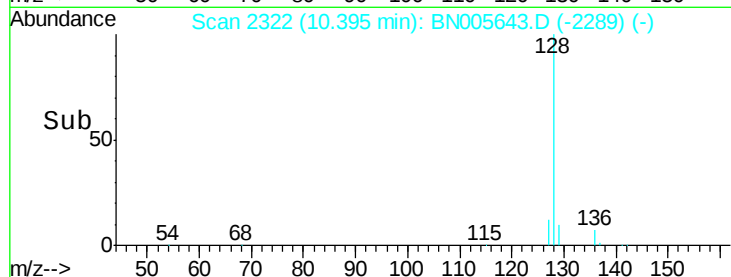
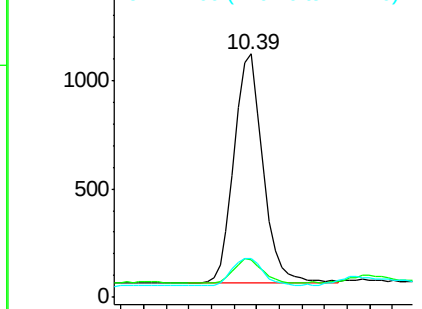
Tgt Ion:	128	Resp:	1892
Ion Ratio	Lower	Upper	
128	100		
129	15.6	10.2	15.2#
127	16.1	11.8	17.8

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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: 0.067 ng/ul

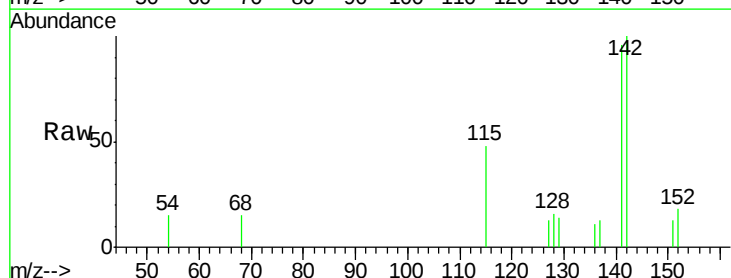
RT: 12.03 min Scan# 2619

Delta R.T. -0.02 min

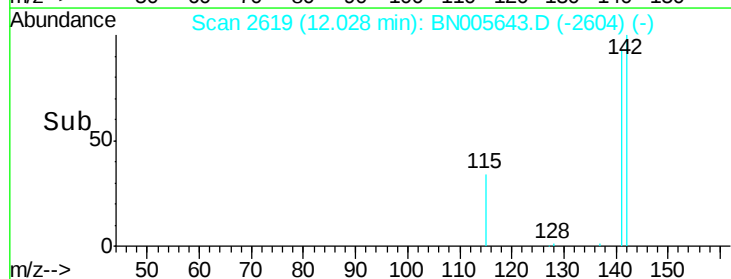
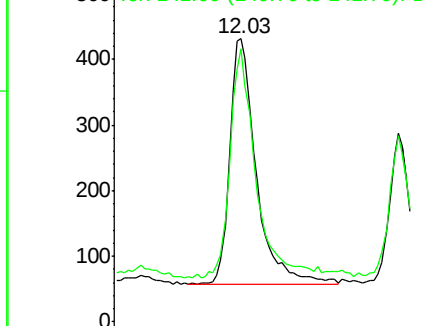
Lab File: BN005643.D

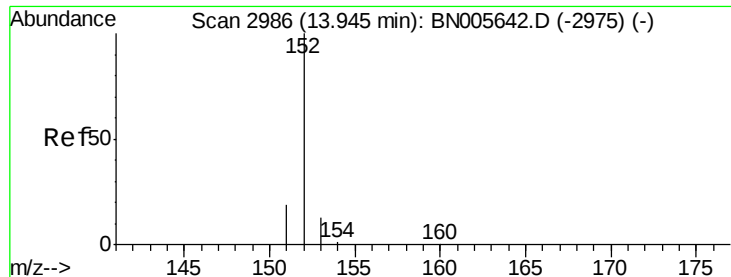
Acq: 12 May 2019 09:31

Tgt Ion:	142	Resp:	946
Ion Ratio	Lower	Upper	
142	100		
141	91.4	72.2	108.2



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





#7

Acenaphthylene

Concen: 0.071 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BN005643.D

Acq: 12 May 2019 09:31

Instrument :

BNA_N

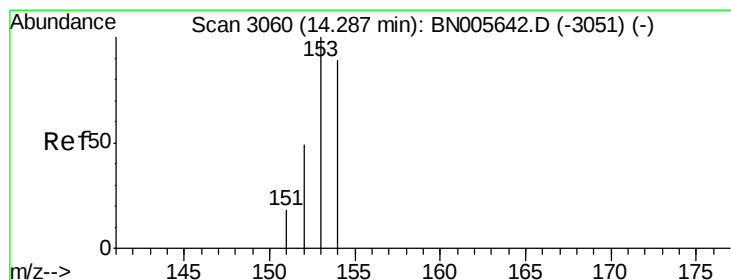
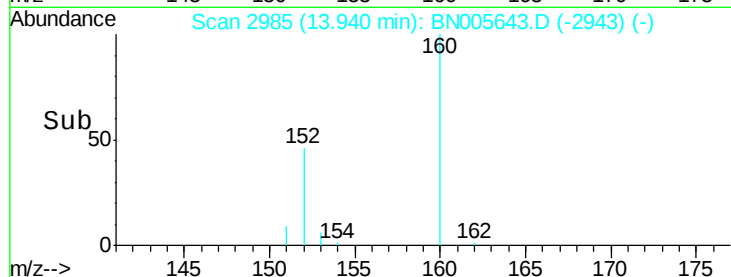
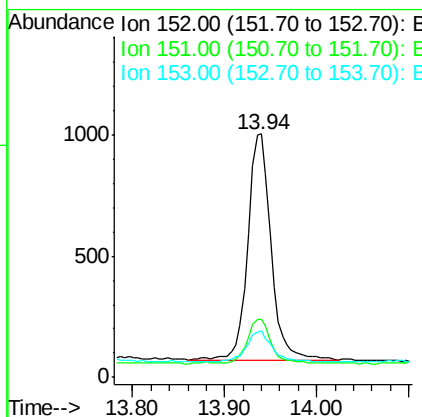
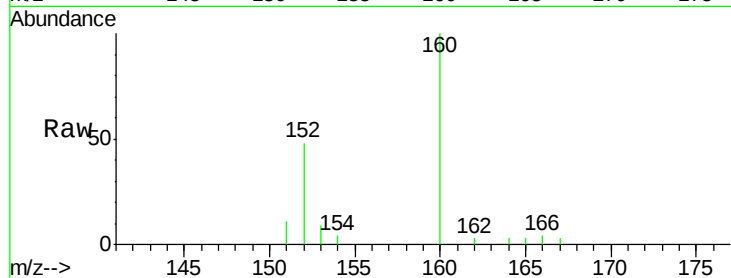
ClientSampleId :

A5138DL

Tgt Ion:	152	Resp:	1624
Ion Ratio	Lower	Upper	
152	100		
151	23.8	16.7	25.1
153	19.3	11.6	17.4#

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#8

Acenaphthene

Concen: 0.038 ng/ul

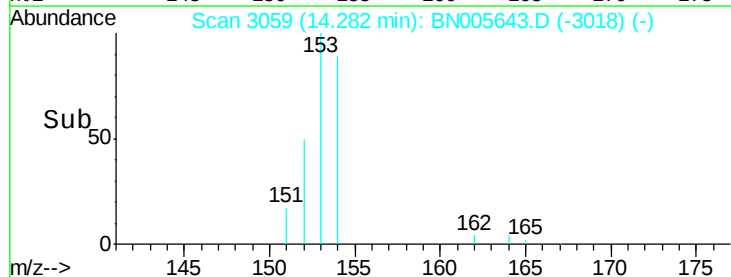
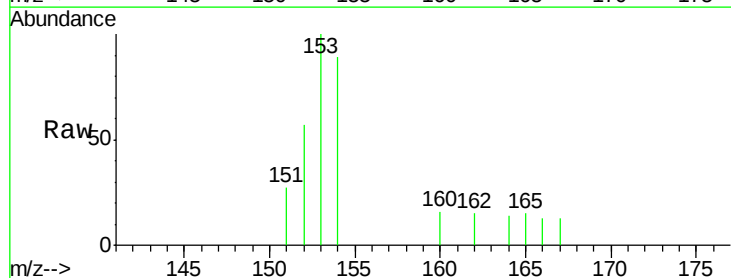
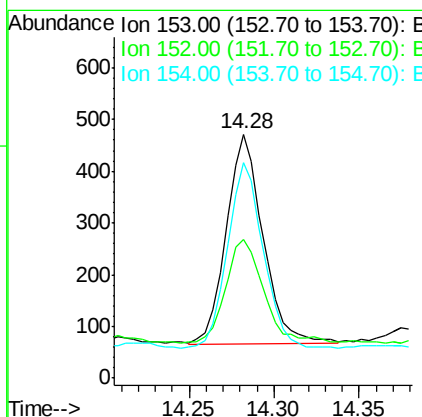
RT: 14.28 min Scan# 3059

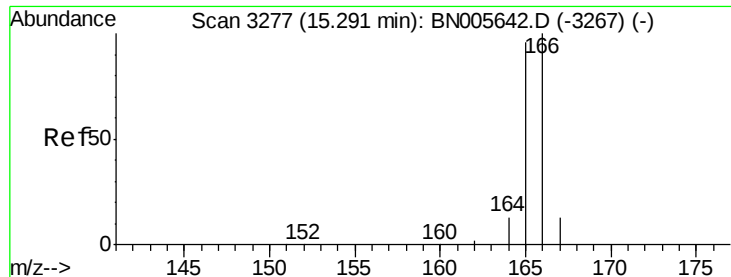
Delta R.T. -0.01 min

Lab File: BN005643.D

Acq: 12 May 2019 09:31

Tgt Ion:	153	Resp:	613
Ion Ratio	Lower	Upper	
153	100		
152	56.7	40.8	61.2
154	88.5	73.2	109.8





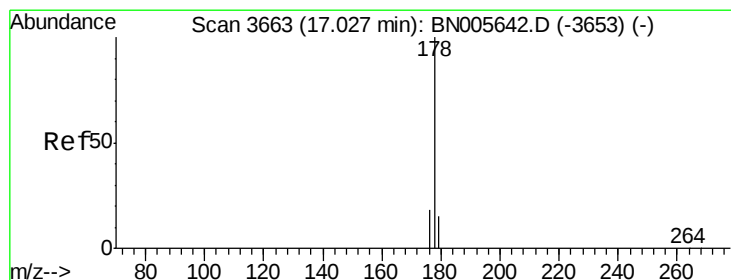
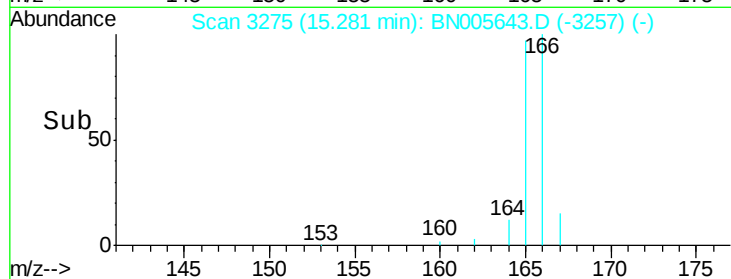
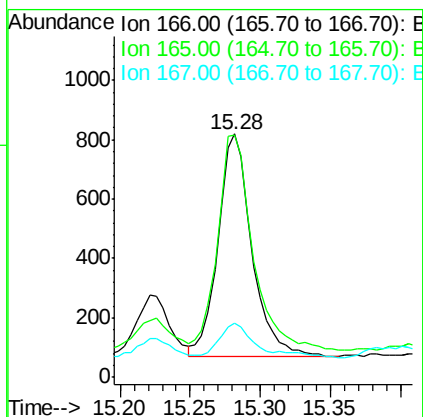
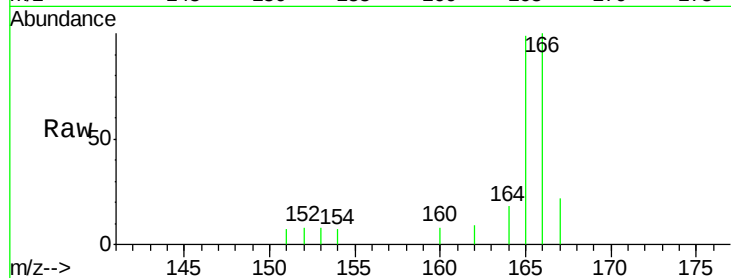
#9
Fluorene
 Concen: 0.067 ng/ul
 RT: 15.28 min Scan# 3275
 Delta R.T. -0.01 min
 Lab File: BN005643.D
 Acq: 12 May 2019 09:31

Instrument :
 BNA_N
 ClientSampled :
 A5138DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1256		
165	99.3	78.0	117.0	
167	22.2	12.2	18.4	

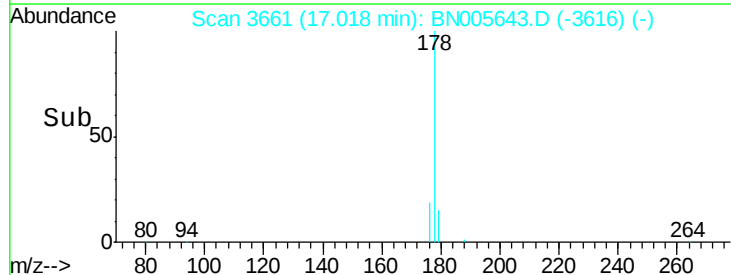
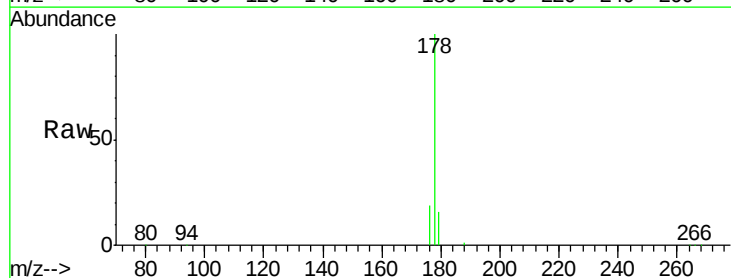
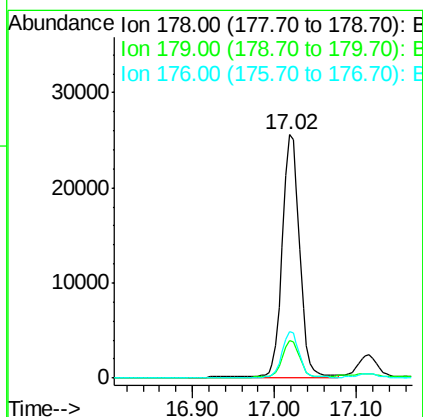
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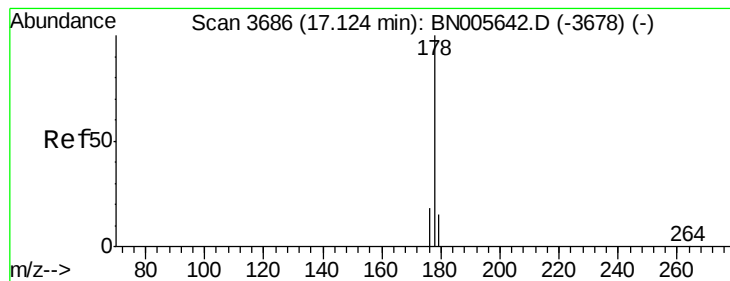
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#12
Phenanthrene
 Concen: 1.303 ng/ul
 RT: 17.02 min Scan# 3661
 Delta R.T. -0.01 min
 Lab File: BN005643.D
 Acq: 12 May 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	37789		
179	15.5	12.8	19.2	
176	18.9	15.3	22.9	





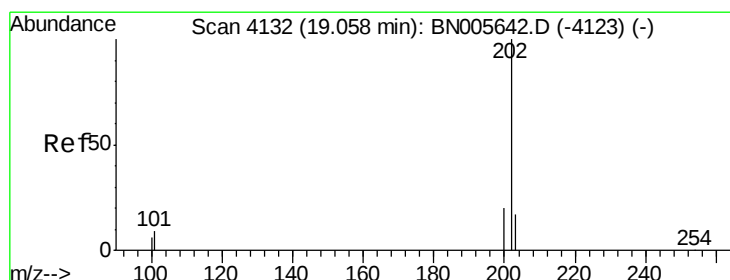
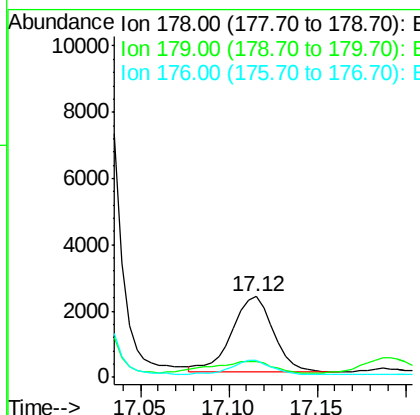
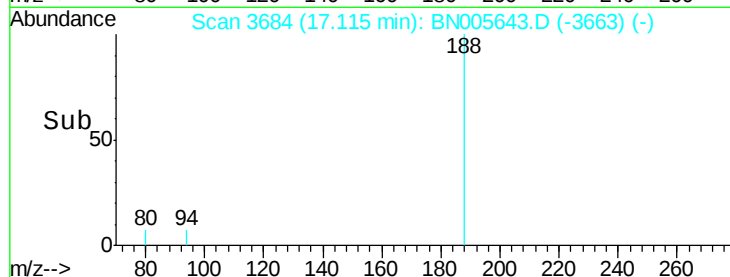
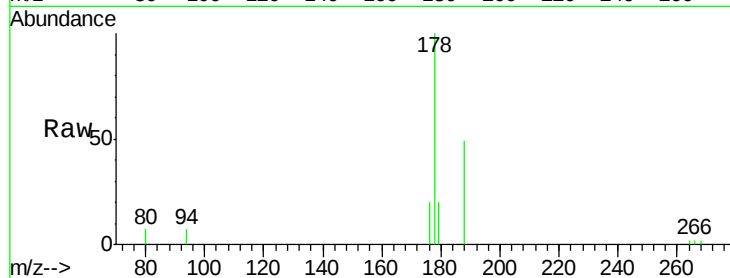
#13
 Anthracene
 Concen: 0.130 ng/ul
 RT: 17.12 min Scan# 3684
 Delta R.T. -0.01 min
 Lab File: BN005643.D
 Acq: 12 May 2019 09:31

Instrument :
 BNA_N
 ClientSampleId :
 A5138DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.8	13.4	20.2
176	20.5	15.1	22.7

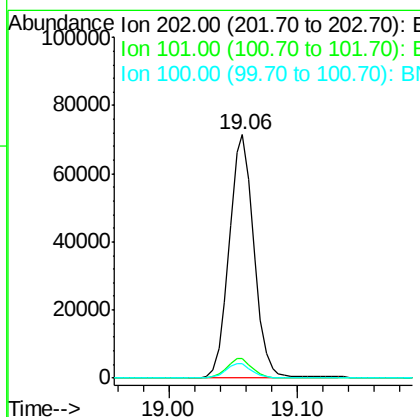
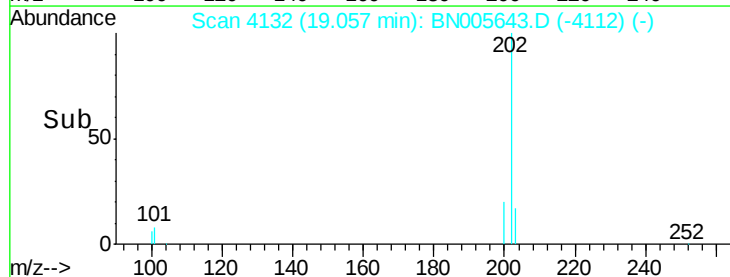
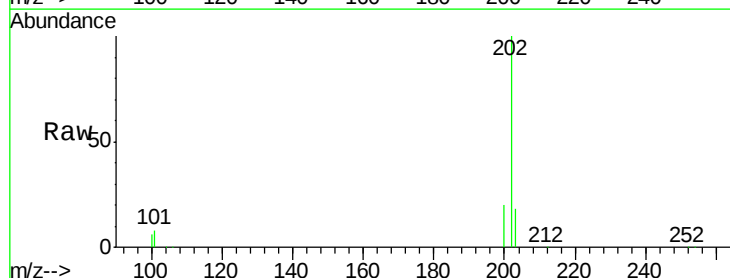
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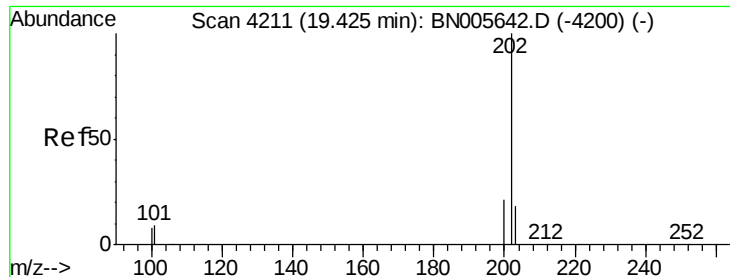
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#15
 Fluoranthene
 Concen: 2.369 ng/ul
 RT: 19.06 min Scan# 4132
 Delta R.T. -0.01 min
 Lab File: BN005643.D
 Acq: 12 May 2019 09:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	29.4
100	5.8	0.0	27.1





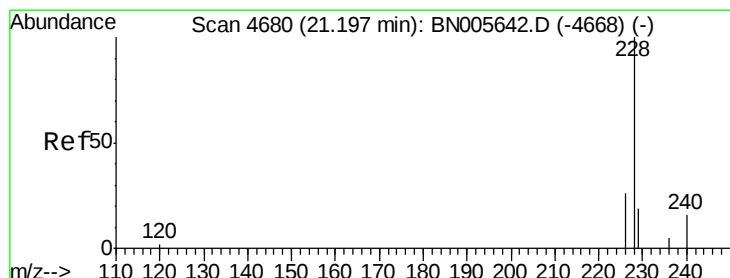
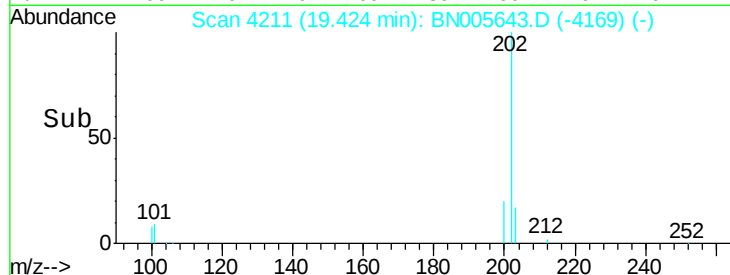
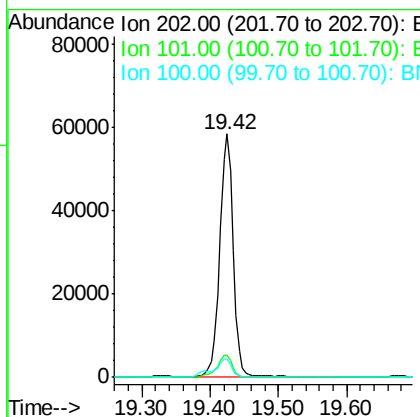
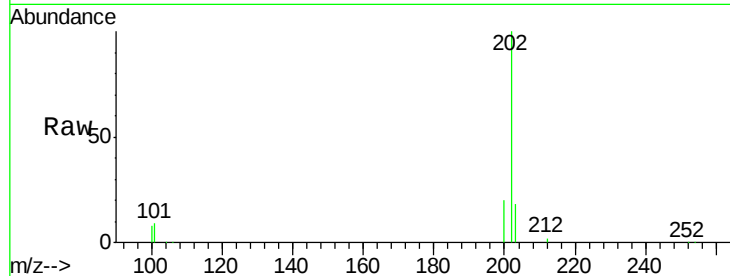
#17
Pyrene
 Concen: 1.768 ng/ul
 RT: 19.42 min Scan# 4211
 Delta R.T. -0.01 min
 Lab File: BN005643.D
 Acq: 12 May 2019 09:31

Instrument :
 BNA_N
 ClientSampleId :
 A5138DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	8.5	12.7
100	7.7	6.9	10.3

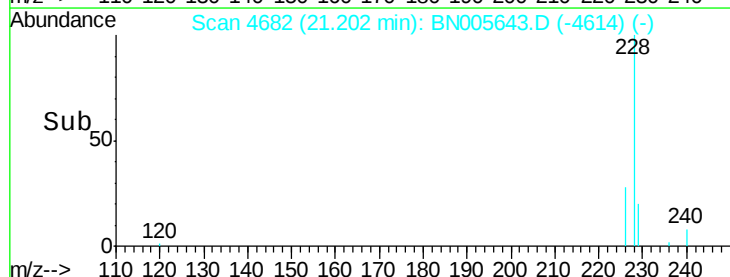
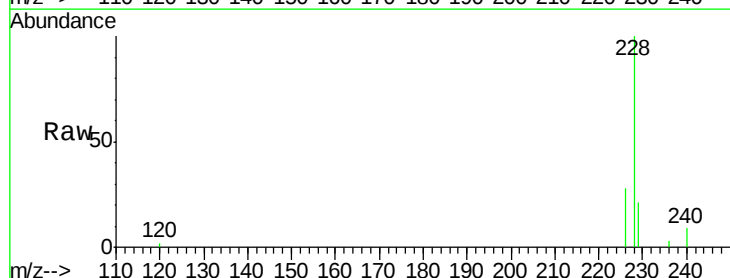
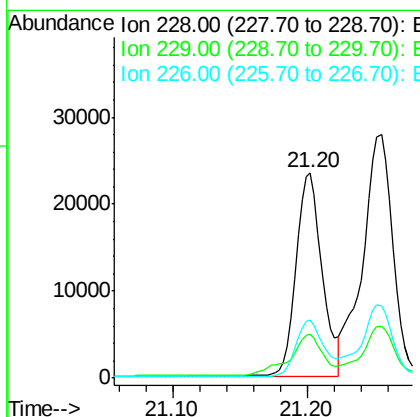
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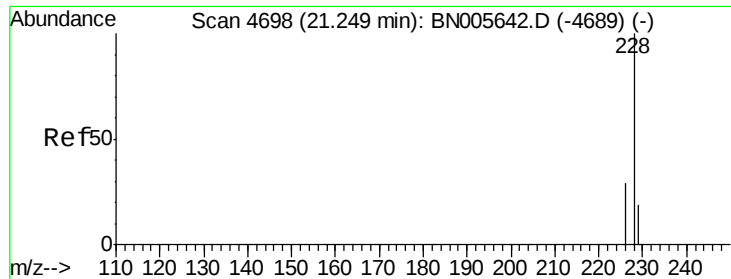
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#18
Benzo(a)anthracene
 Concen: 0.742 ng/ul
 RT: 21.20 min Scan# 4682
 Delta R.T. -0.00 min
 Lab File: BN005643.D
 Acq: 12 May 2019 09:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.2	15.8	23.8
226	28.4	21.7	32.5





#19

Chrysene

Concen: 0.839 ng/ul

RT: 21.25 min Scan# 4700

Delta R.T. -0.00 min

Lab File: BN005643.D

Acq: 12 May 2019 09:31

Instrument :

BNA_N

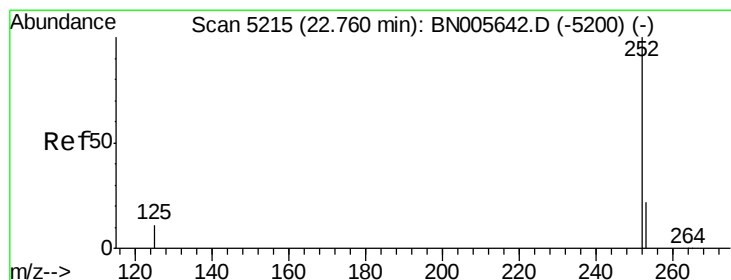
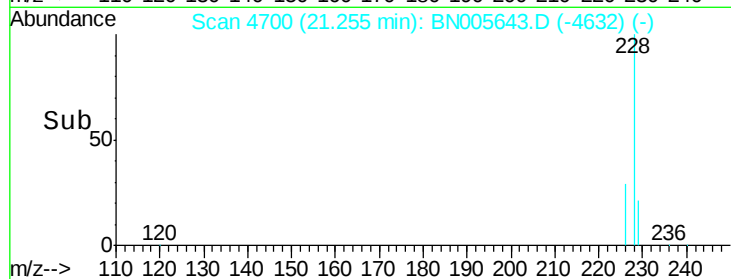
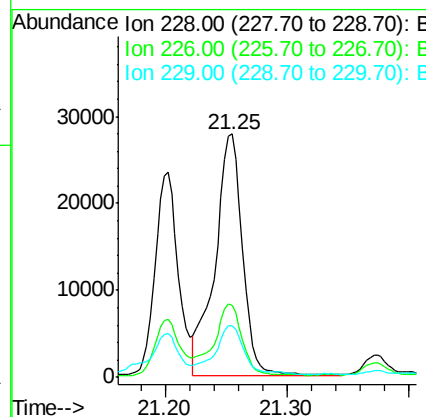
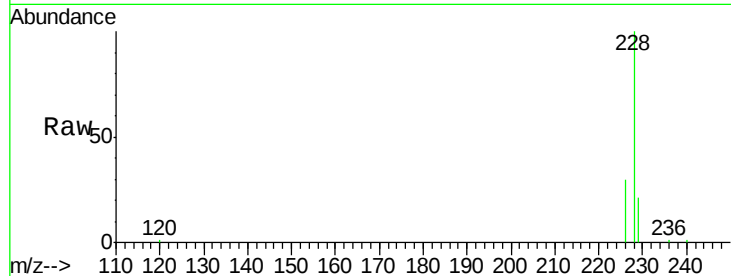
ClientSampleId :

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Tgt Ion:	228	Resp:	43786
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.2	34.8
229	21.4	16.0	24.0

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#21

Benzo(b)fluoranthene

Concen: 1.934 ng/ul m

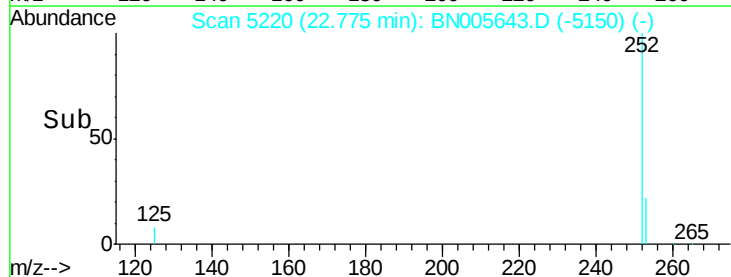
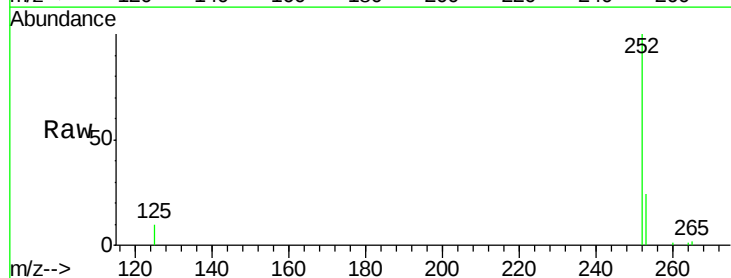
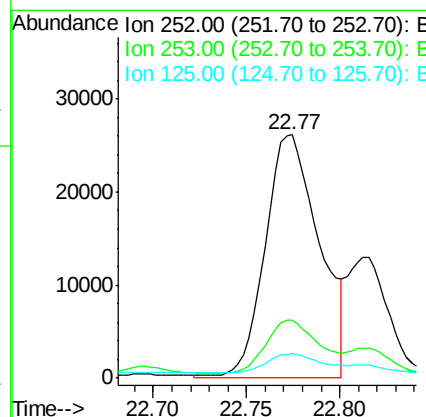
RT: 22.77 min Scan# 5220

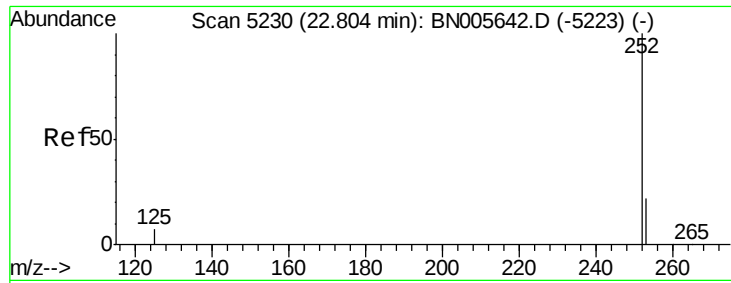
Delta R.T. 0.00 min

Lab File: BN005643.D

Acq: 12 May 2019 09:31

Tgt Ion:	252	Resp:	53157
Ion Ratio	Lower	Upper	
252	100		
253	23.9	0.0	47.6
125	9.9	0.0	20.8





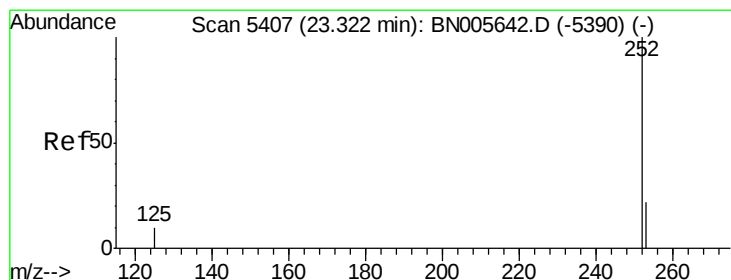
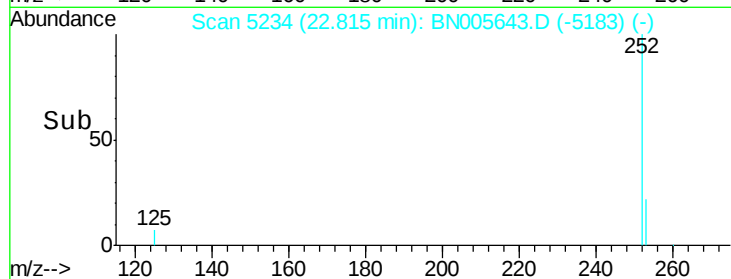
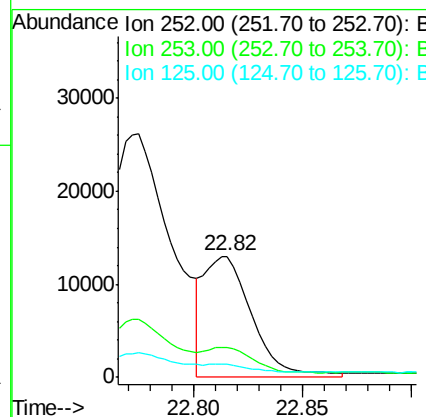
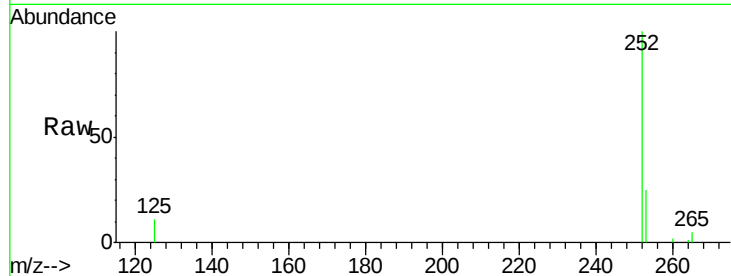
#22
Benzo(k)fluoranthene
Concen: 0.594 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.00 min
Lab File: BN005643.D
Acq: 12 May 2019 09:31

Instrument :
BNA_N
ClientSampleId :
A5138DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.8	28.2
125	10.9	7.6	11.4

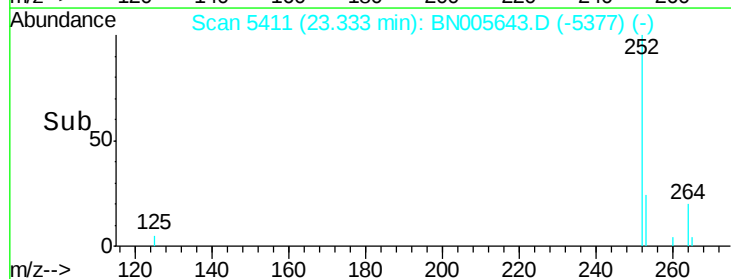
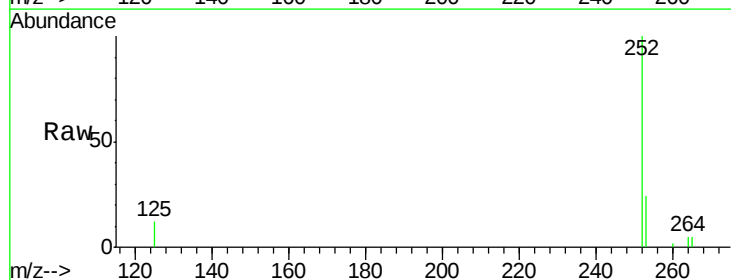
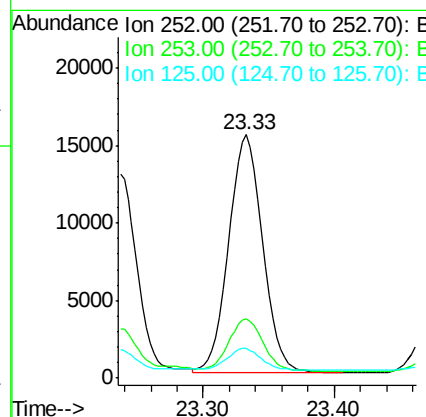
Manual Integrations
APPROVED

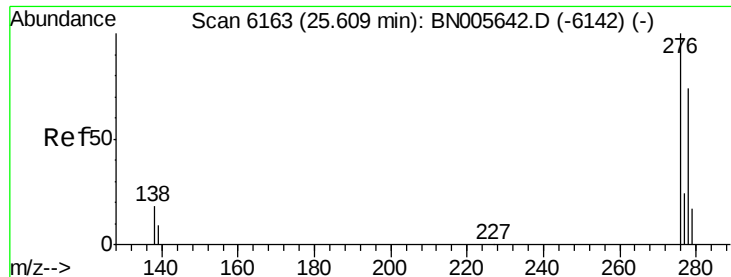
mohammad
5/14/2019 3:47:52 AM



#23
Benzo(a)pyrene
Concen: 0.897 ng/ul
RT: 23.33 min Scan# 5411
Delta R.T. -0.00 min
Lab File: BN005643.D
Acq: 12 May 2019 09:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.6	29.4
125	12.1	10.1	15.1





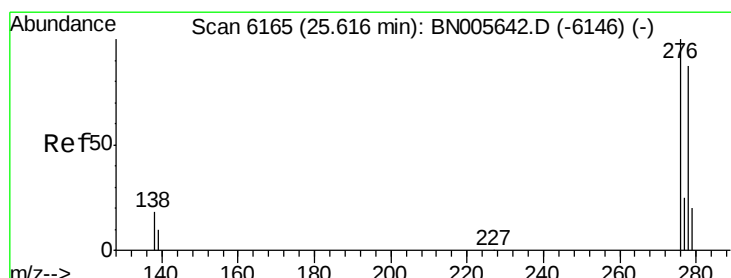
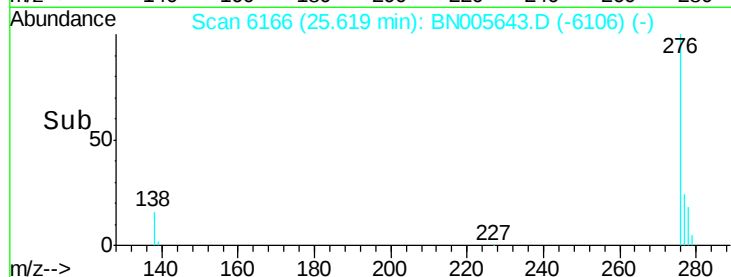
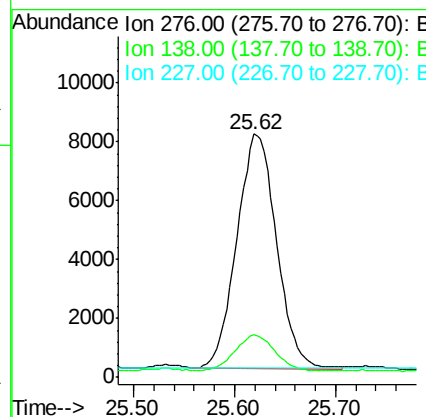
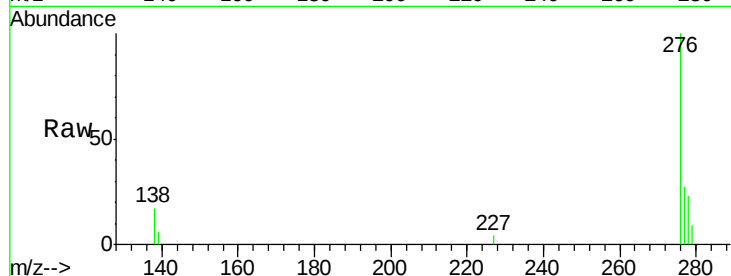
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.634 ng/u1
 RT: 25.62 min Scan# 6166
 Delta R.T. 0.00 min
 Lab File: BN005643.D
 Acq: 12 May 2019 09:31

Instrument :
 BNA_N
 ClientSampled :
 A5138DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	15.8	23.8#
227	0.3	0.1	0.1#

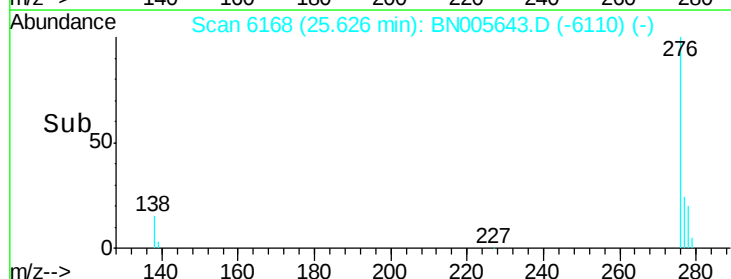
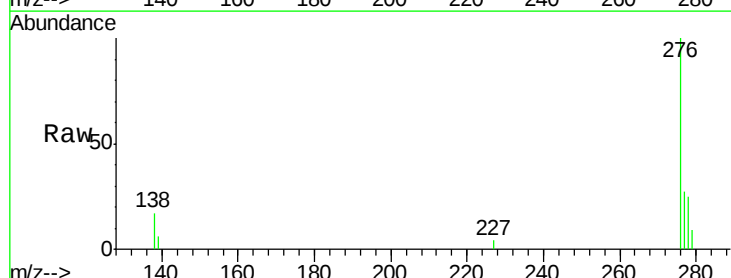
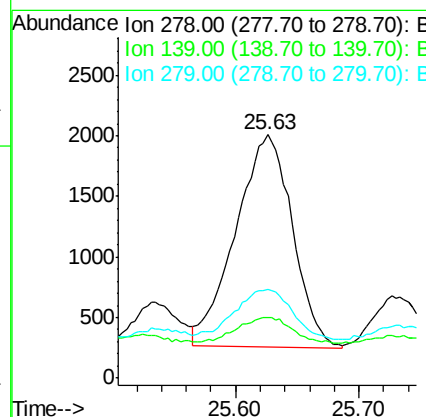
Manual Integrations
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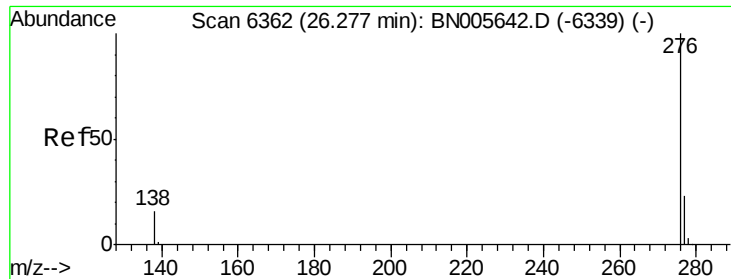
mohammad
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.197 ng/u1
 RT: 25.63 min Scan# 6168
 Delta R.T. -0.01 min
 Lab File: BN005643.D
 Acq: 12 May 2019 09:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.1	12.4	18.6#
279	36.2	21.0	31.4#





#26

Benzo(g,h,i)perylene

Concen: 0.707 ng/ul

RT: 26.29 min Scan# 6366

Delta R.T. 0.00 min

Lab File: BN005643.D

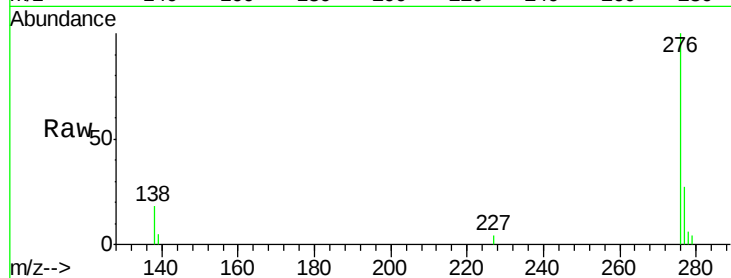
Acq: 12 May 2019 09:31

Instrument :

BNA_N

ClientSampleId :

A5138DL



Tgt	Ion	276	Resp:	20726
Ion	Ratio	100	Lower	Upper
138	17.8	15.6	23.4	
277	26.8	20.6	31.0	

Manual Integrations
APPROVED

mohammad
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