

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021939.D
 Acq On : 08 Aug 2019 18:43
 Operator : HP/JU
 Sample : K4029-18
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENT7

Manual Integrations
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mohammad
 8/9/2019 6:13:13 AM

Quant Time: Aug 09 01:45:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	920	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3906	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2124	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4940m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4827m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4843m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1105	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	3368m	0.20	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	1368	0.124	ng/ul	95
5) 2-Methylnaphthalene	12.09	142	1177	0.160	ng/ul	98
7) Acenaphthylene	14.00	152	1959	0.198	ng/ul#	84
8) Acenaphthene	14.33	153	2910	0.359	ng/ul	97
9) Fluorene	15.33	166	2496	0.277	ng/ul	98
12) Phenanthrene	17.07	178	44852m	3.120	ng/ul	
13) Anthracene	17.16	178	8817m	0.719	ng/ul	
15) Fluoranthene	19.10	202	58751m	3.051	ng/ul	
17) Pyrene	19.46	202	72410	3.651	ng/ul	98
18) Benzo(a)anthracene	21.22	228	38153m	2.210	ng/ul	
19) Chrysene	21.27	228	42685	1.922	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	41861m	2.563	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	15701m	0.850	ng/ul	
23) Benzo(a)pyrene	23.35	252	32607	1.963	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.66	276	19549	0.986	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.66	278	5794	0.361	ng/ul	97
26) Benzo(a,h,i)perylene	26.34	276	17070	0.956	ng/ul	98

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

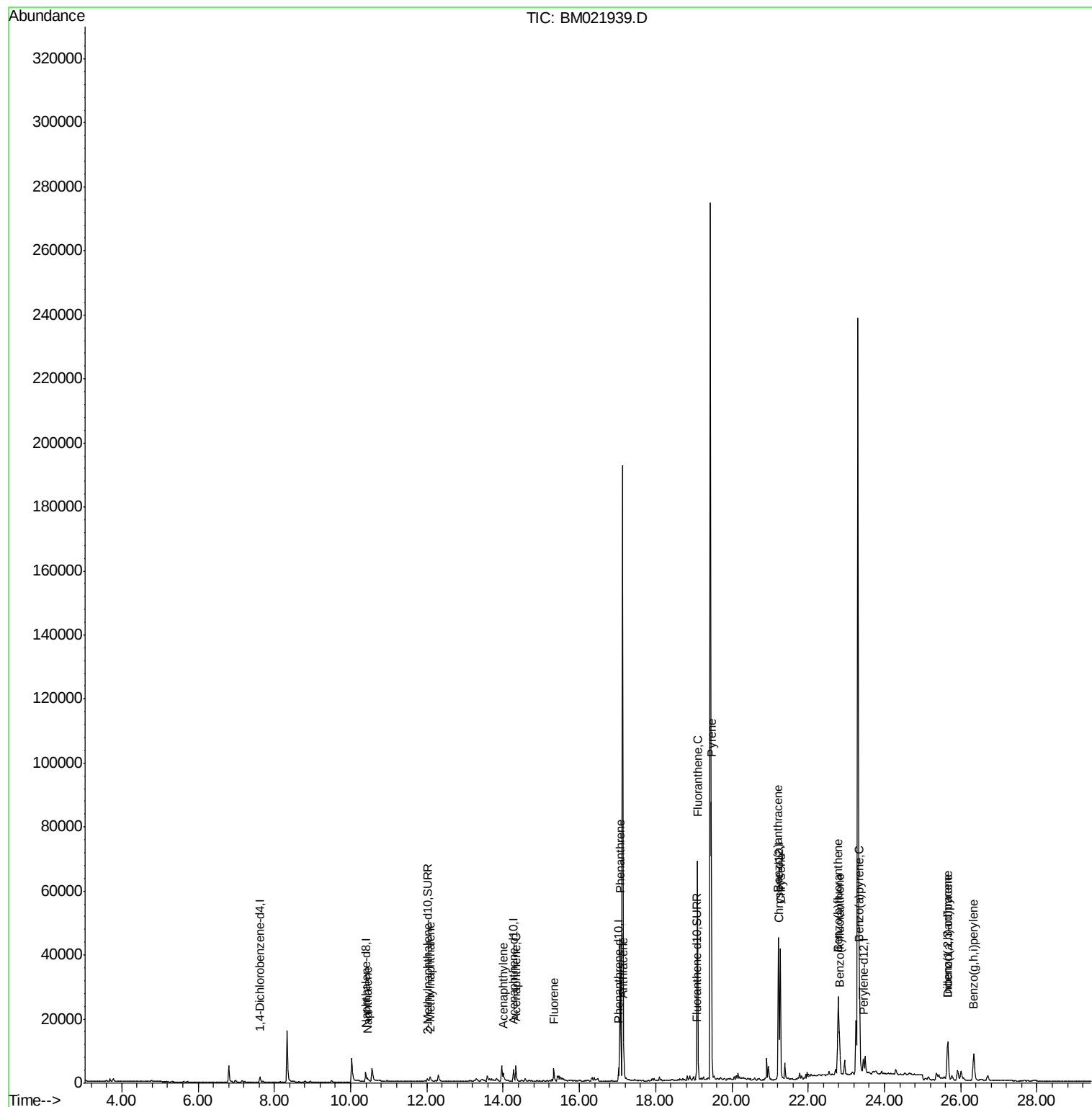
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021939.D
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Sample : K4029-18
Misc :
ALS Vial : 49 Sample Multiplier: 1

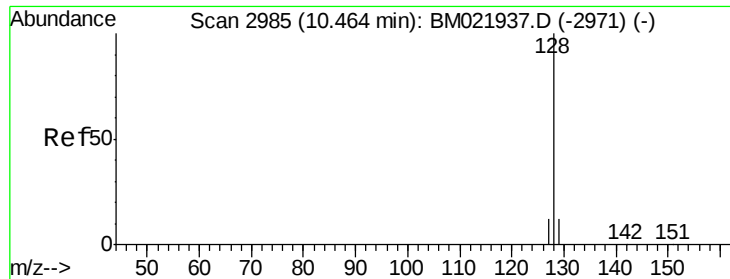
Instrument :
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Quant Time: Aug 09 01:45:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.124 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM021939.D

Acq: 08 Aug 2019 18:43

Instrument :

BNA_M

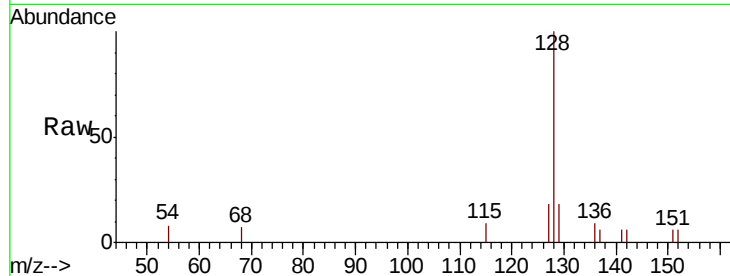
ClientSampleId :

BENT7

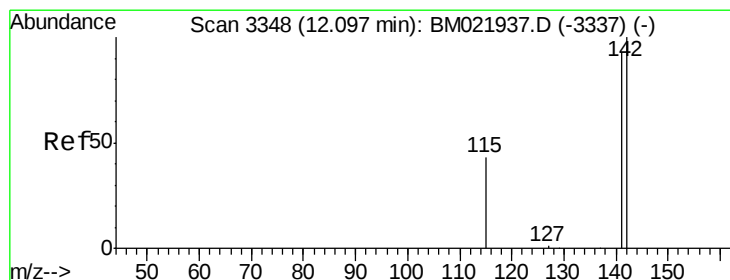
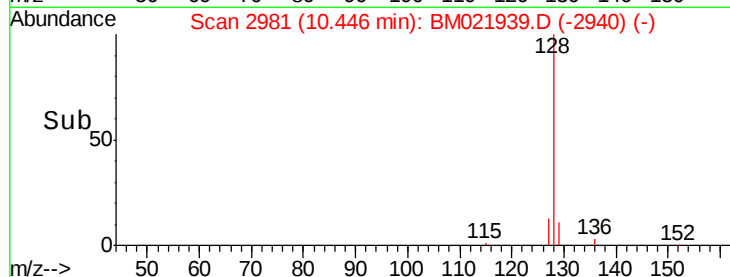
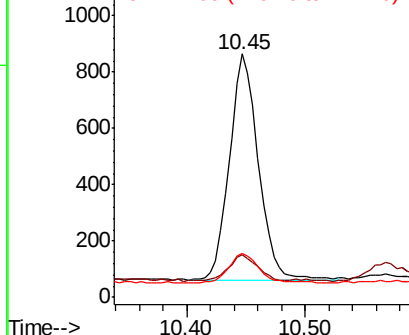
Tot Ion:	128	Resp:	1368
Ion	Ratio	Lower	Upper
128	100		
129	17.7	12.3	18.5
127	18.0	13.0	19.6

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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: 0.160 ng/ul

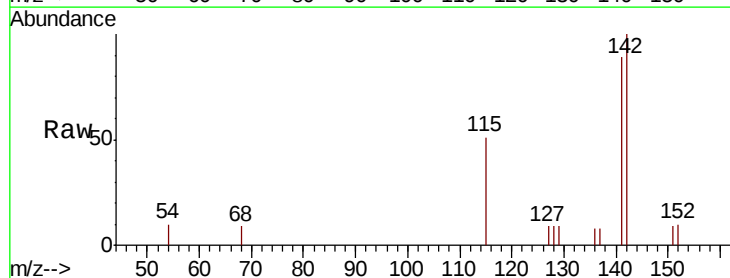
RT: 12.09 min Scan# 3346

Delta R.T. -0.01 min

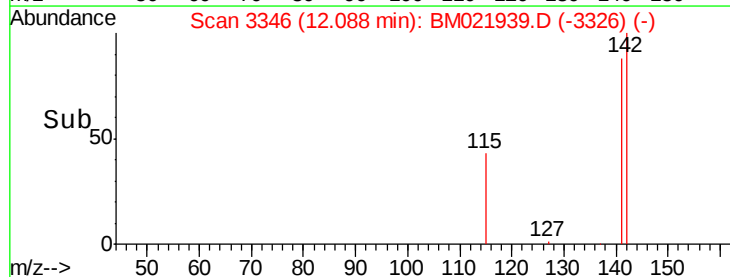
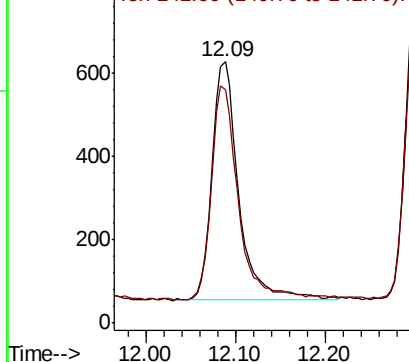
Lab File: BM021939.D

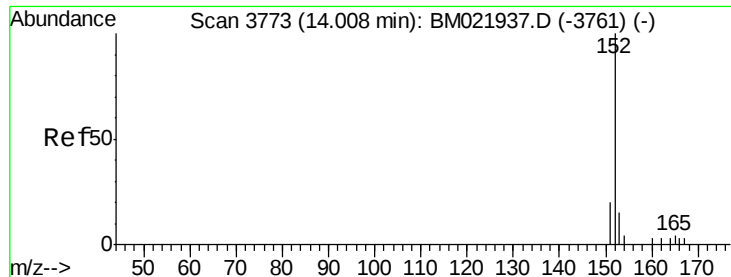
Acq: 08 Aug 2019 18:43

Tgt Ion:	142	Resp:	1177
Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.3	111.5



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





#7

Acenaphthylene

Concen: 0.198 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021939.D

Acq: 08 Aug 2019 18:43

Instrument :

BNA_M

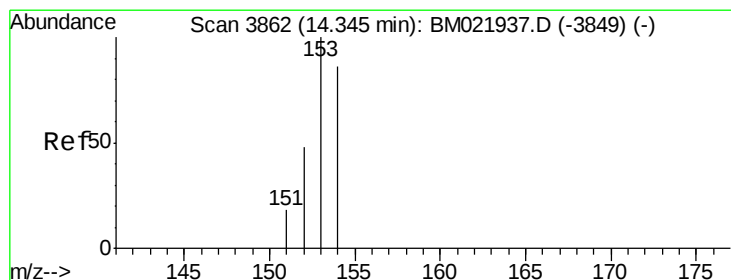
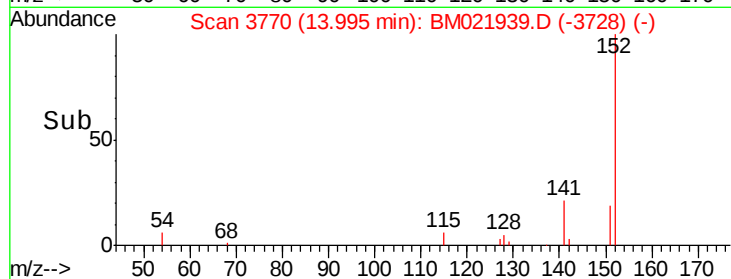
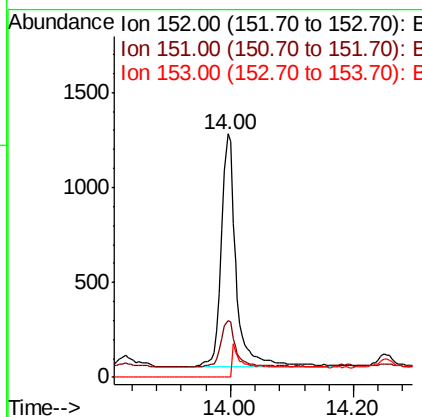
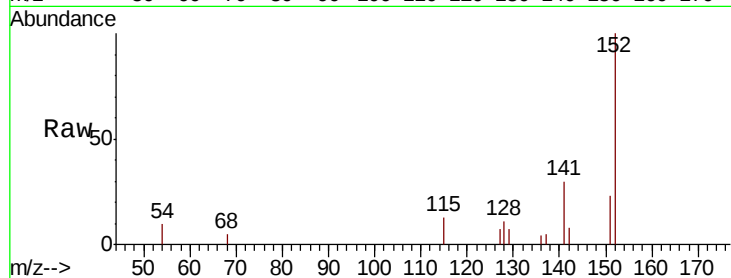
ClientSampleId :

BENT7

Tot Ion:	152	Resp:	1959
Ion Ratio	Lower	Upper	
152	100		
151	23.1	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.359 ng/ul

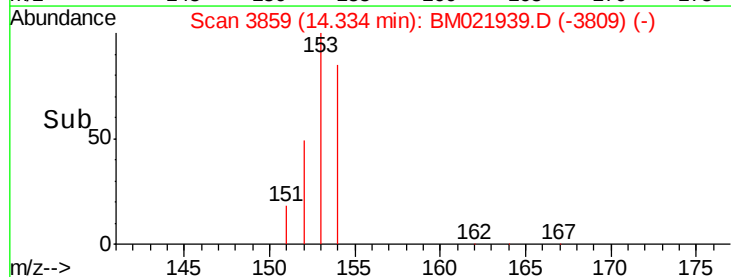
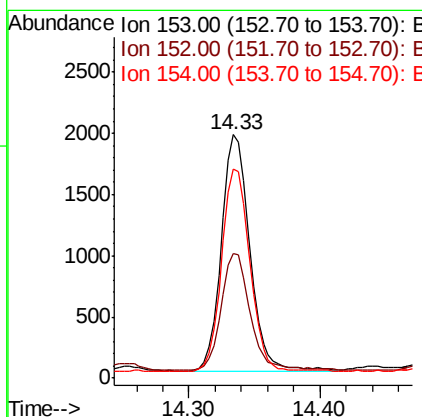
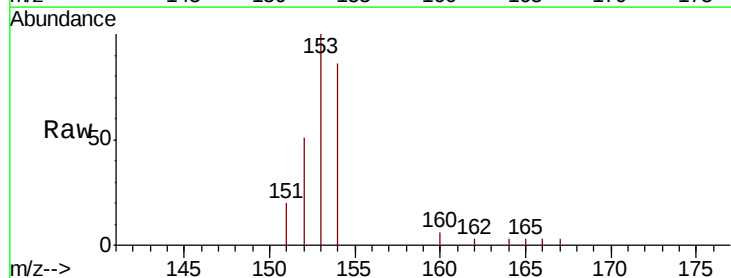
RT: 14.33 min Scan# 3859

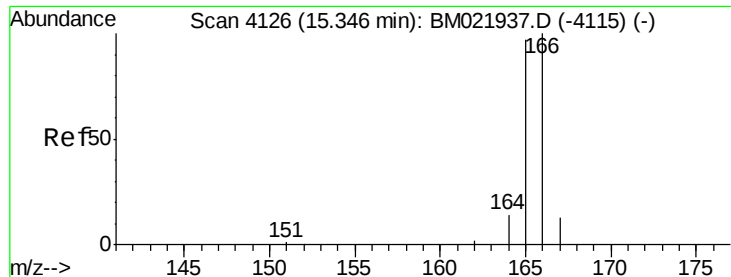
Delta R.T. -0.01 min

Lab File: BM021939.D

Acq: 08 Aug 2019 18:43

Tgt Ion:	153	Resp:	2910
Ion Ratio	Lower	Upper	
153	100		
152	51.3	41.3	61.9
154	85.6	72.3	108.5





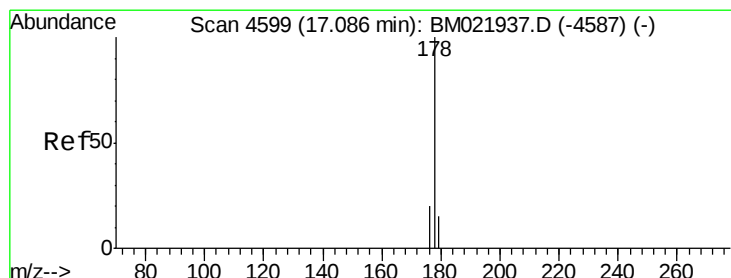
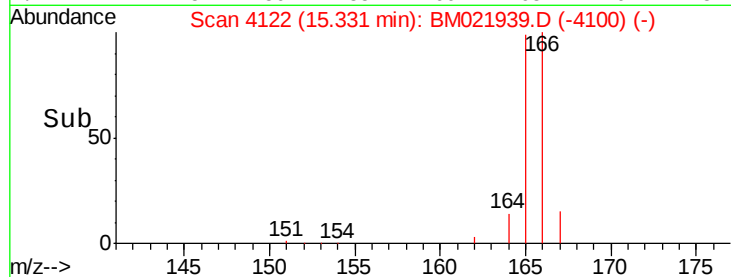
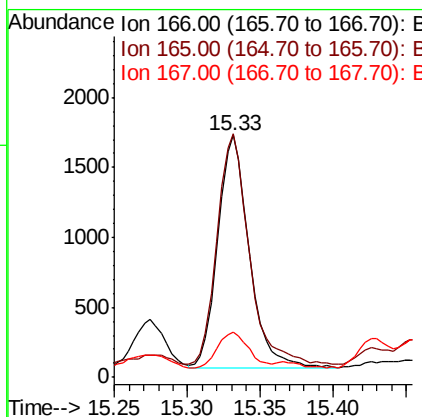
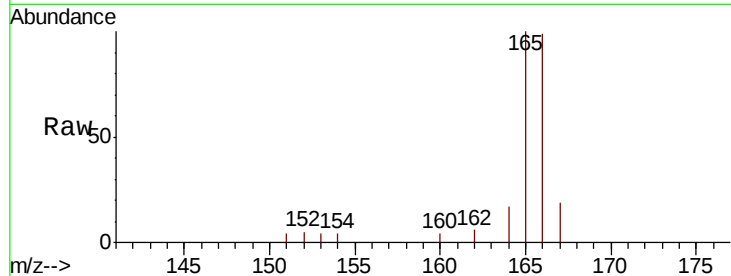
#9
Fluorene
 Concen: 0.277 ng/ul
 RT: 15.33 min Scan# 4122
 Delta R.T. -0.01 min
 Lab File: BM021939.D
 Acq: 08 Aug 2019 18:43

Instrument :
 BNA_M
 ClientSampleId :
 BENT7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.5	81.4	122.0		
167	18.7	13.7	20.5		

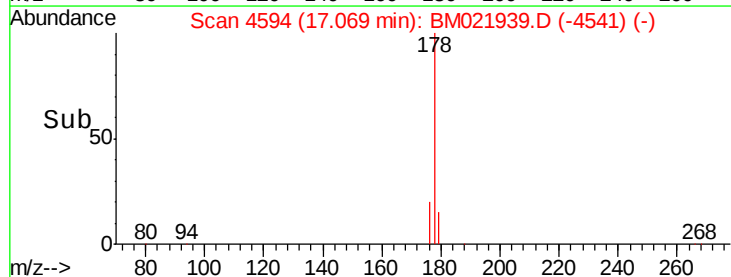
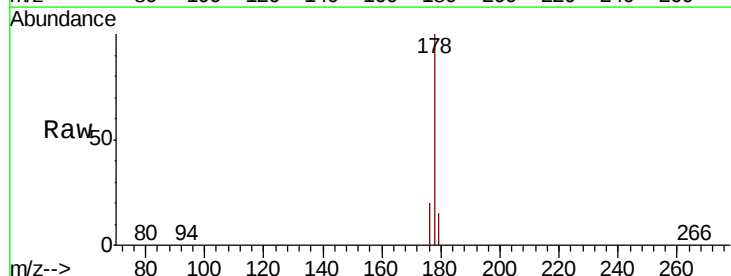
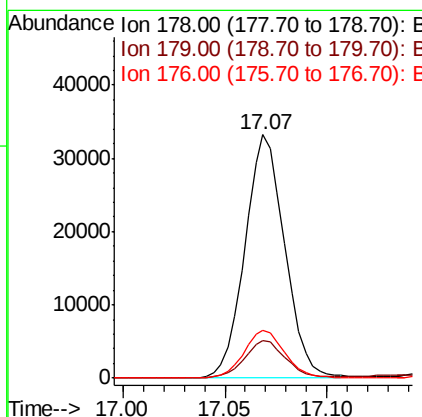
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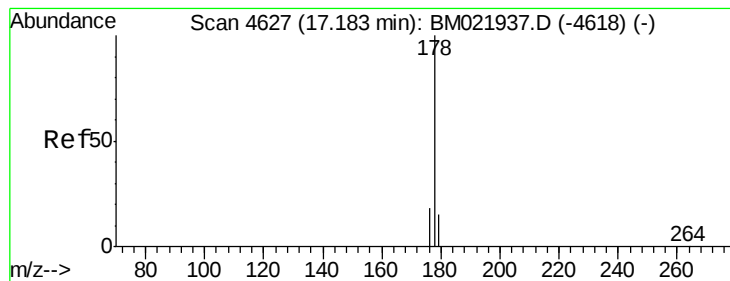
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#12
Phenanthrene
 Concen: 3.120 ng/ul m
 RT: 17.07 min Scan# 4594
 Delta R.T. -0.02 min
 Lab File: BM021939.D
 Acq: 08 Aug 2019 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
179	15.4	14.2	21.2		
176	19.9	16.8	25.2		





#13

Anthracene

Concen: 0.719 ng/ul m

RT: 17.16 min Scan# 4621

Delta R.T. -0.02 min

Lab File: BM021939.D

Acq: 08 Aug 2019 18:43

Instrument :

BNA_M

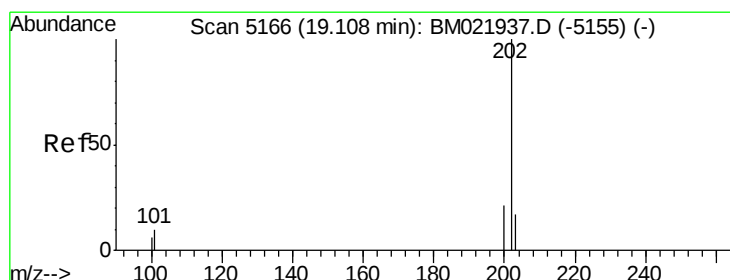
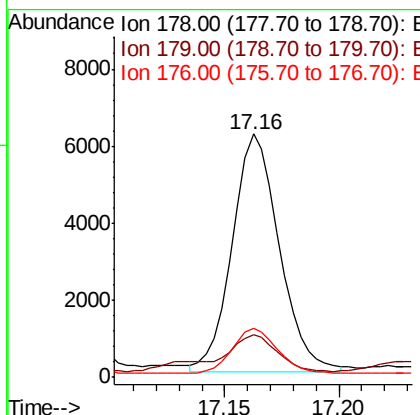
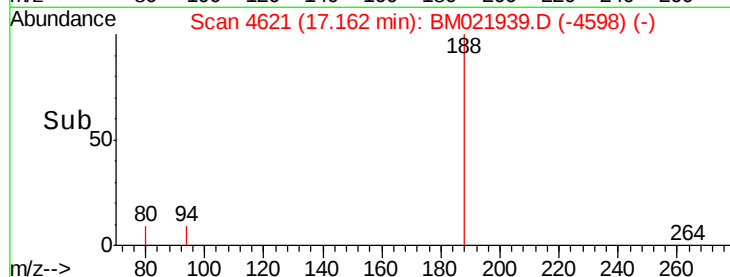
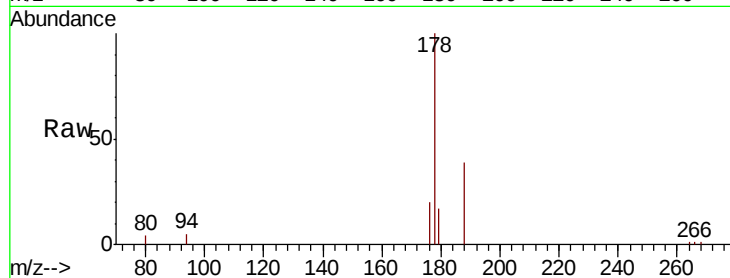
ClientSampleId :

BENT7

Tot Ion:	178	Resp:	8817
Ion Ratio	Lower	Upper	
178	100		
179	17.3	15.5	23.3
176	19.9	16.6	25.0

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#15

Fluoranthene

Concen: 3.051 ng/ul m

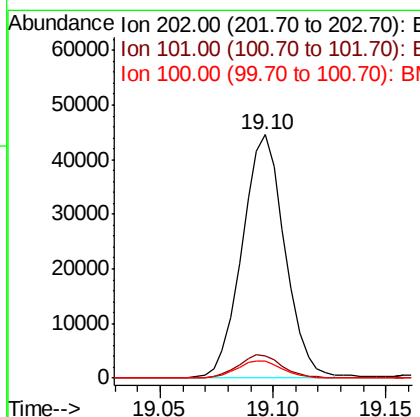
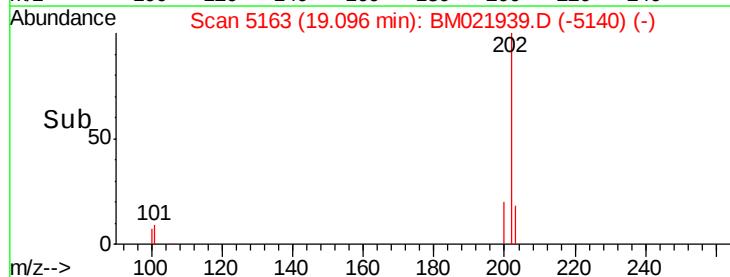
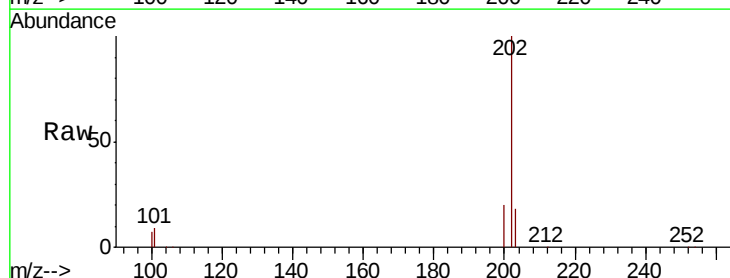
RT: 19.10 min Scan# 5163

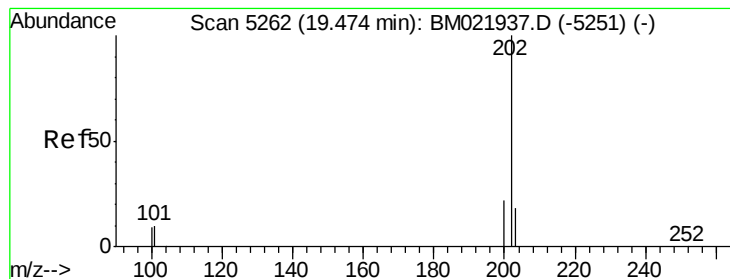
Delta R.T. -0.01 min

Lab File: BM021939.D

Acq: 08 Aug 2019 18:43

Tgt Ion:	202	Resp:	58751
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	30.2
100	7.1	0.0	28.1





#17

Pvrene

Concen: 3.651 ng/ul

RT: 19.46 min Scan# 5258

Delta R.T. -0.02 min

Lab File: BM021939.D

Acq: 08 Aug 2019 18:43

Instrument :

BNA_M

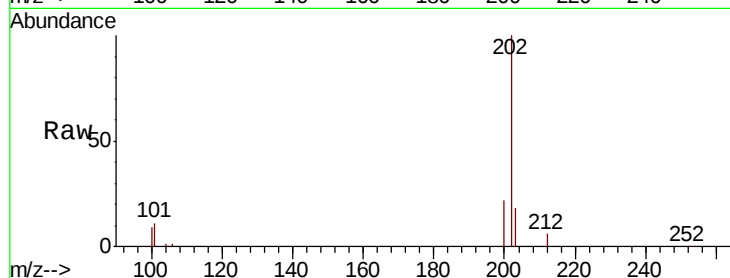
ClientSampleId :

BENT7

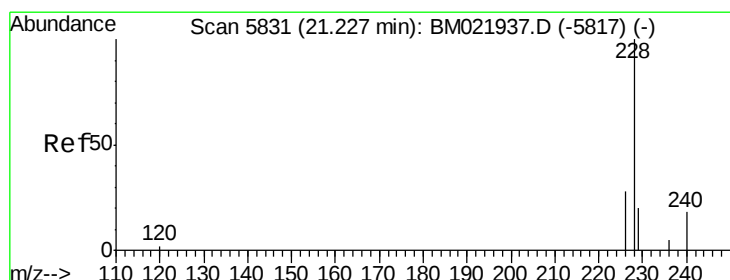
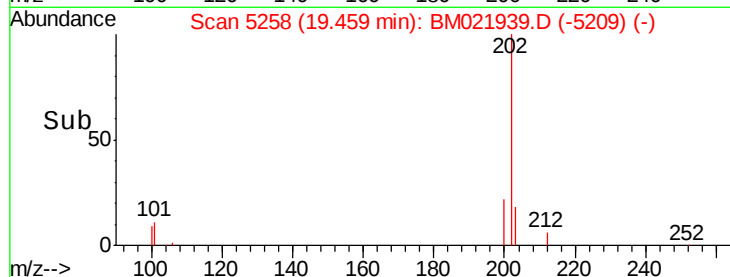
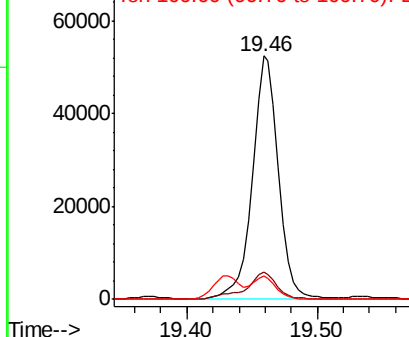
Tot Ion:	202	Resp:	72410
Ion Ratio	Lower	Upper	
202	100		
101	11.3	8.3	12.5
100	9.4	7.2	10.8

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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



#18

Benzo(a)anthracene

Concen: 2.210 ng/ul m

RT: 21.22 min Scan# 5827

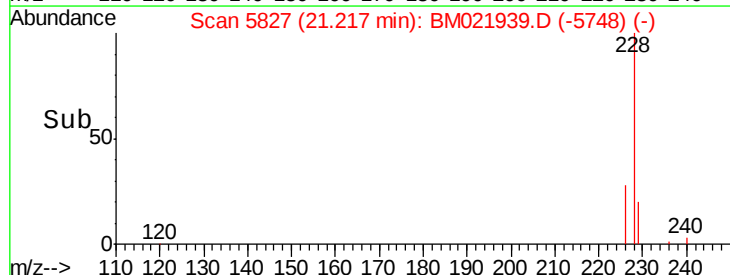
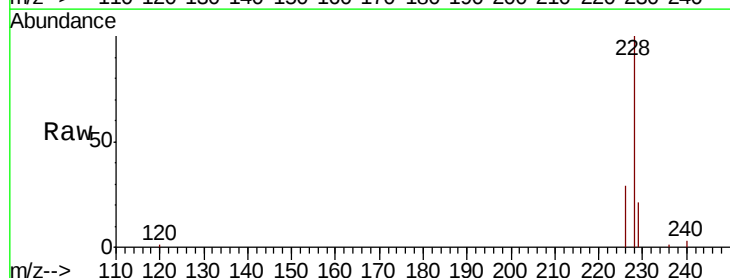
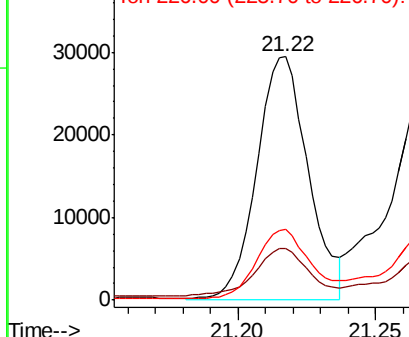
Delta R.T. -0.01 min

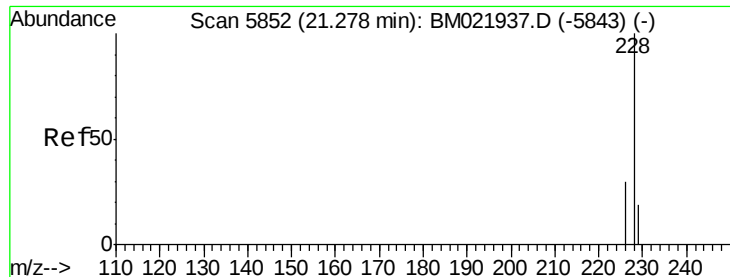
Lab File: BM021939.D

Acq: 08 Aug 2019 18:43

Tgt Ion:	228	Resp:	38153
Ion Ratio	Lower	Upper	
228	100		
229	21.0	17.2	25.8
226	28.8	22.6	34.0

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: 1.922 ng/ul

RT: 21.27 min Scan# 5848

Delta R.T. -0.01 min

Lab File: BM021939.D

Acq: 08 Aug 2019 18:43

Instrument :

BNA_M

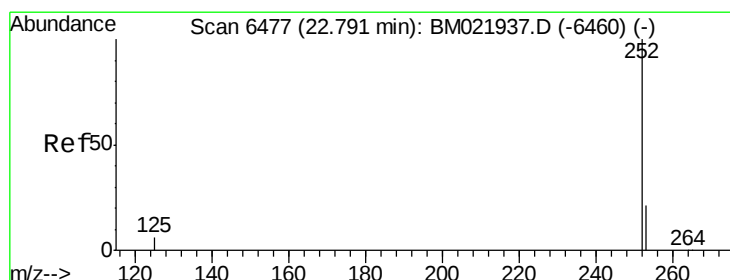
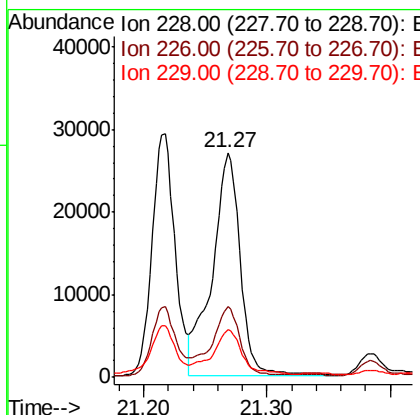
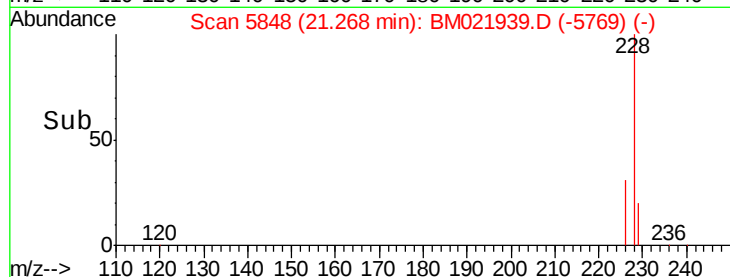
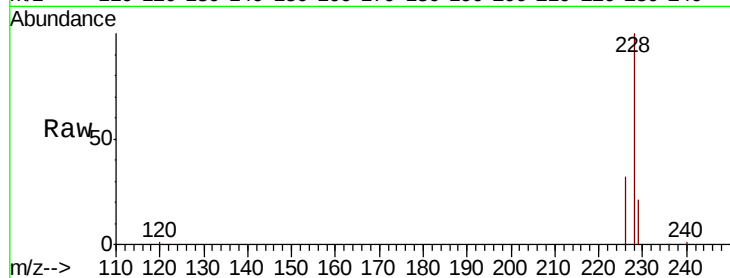
ClientSampleId :

BENT7

Tot Ion:	228	Resp:	42685
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.9	37.3
229	21.2	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 2.563 ng/ul m

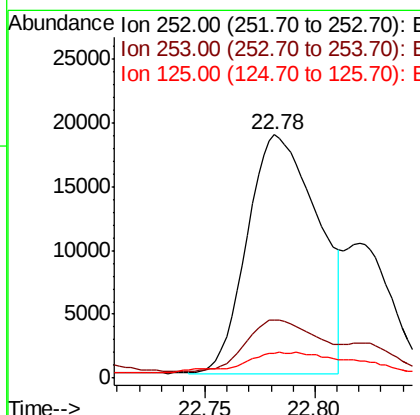
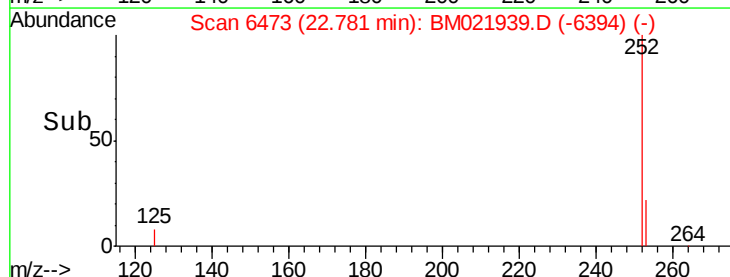
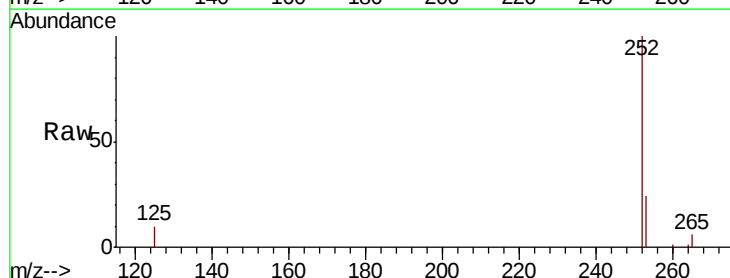
RT: 22.78 min Scan# 6473

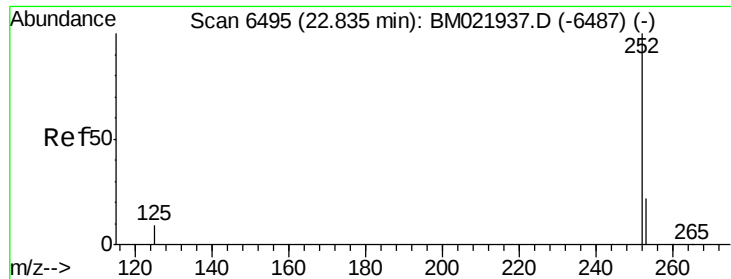
Delta R.T. -0.01 min

Lab File: BM021939.D

Acq: 08 Aug 2019 18:43

Tgt Ion:	252	Resp:	41861
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	67.4
125	10.1	0.0	31.0





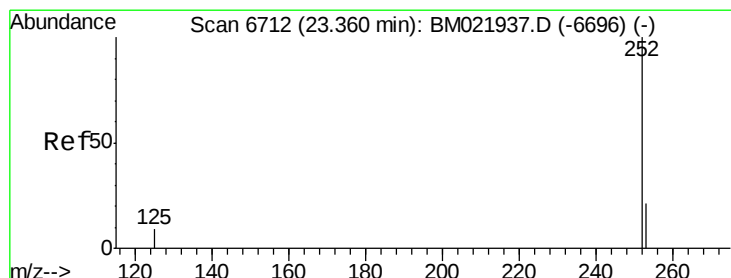
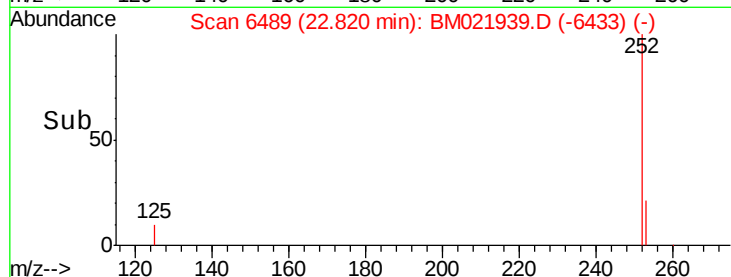
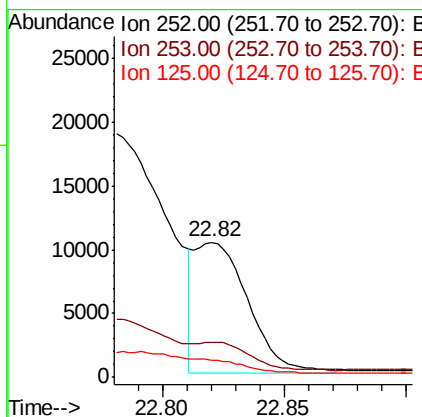
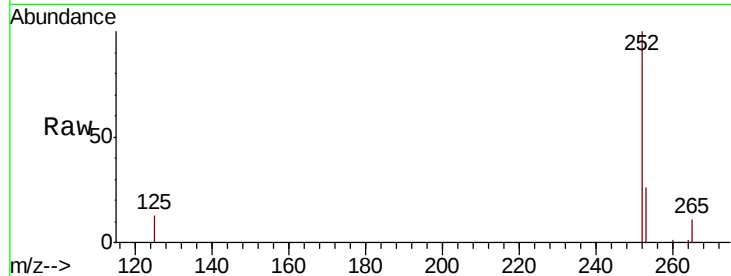
#22
Benzo(k)fluoranthene
Concen: 0.850 ng/ul m
RT: 22.82 min Scan# 6489
Delta R.T. -0.01 min
Lab File: BM021939.D
Acq: 08 Aug 2019 18:43

Instrument :
BNA_M
ClientSampled :
BENT7

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	27.0	40.4#
125	13.0	12.2	18.2

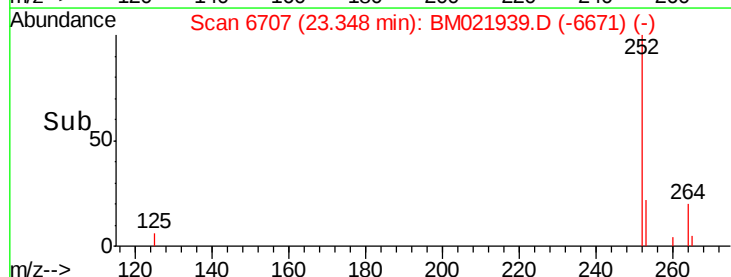
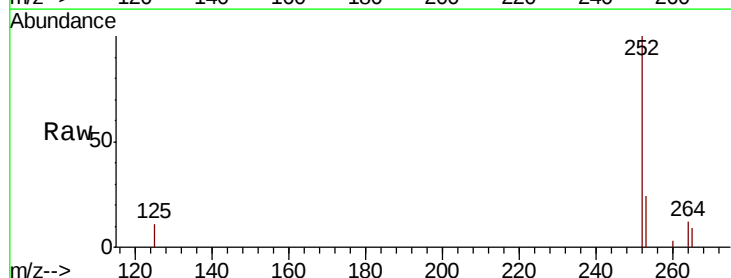
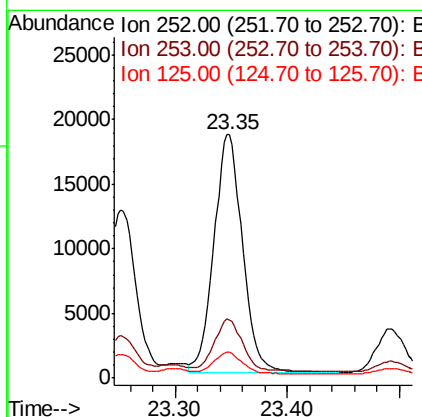
Manual Integrations
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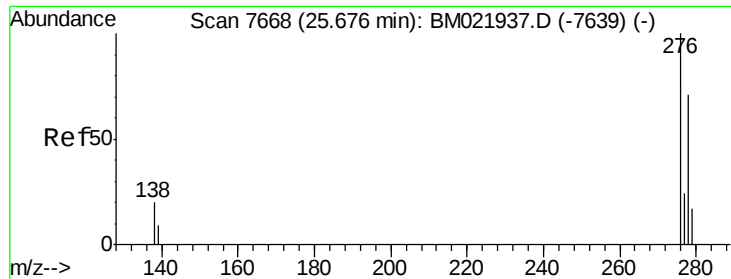
mohammad
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#23
Benzo(a)pyrene
Concen: 1.963 ng/ul
RT: 23.35 min Scan# 6707
Delta R.T. -0.01 min
Lab File: BM021939.D
Acq: 08 Aug 2019 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	31.7	47.5#
125	10.5	14.6	21.8#





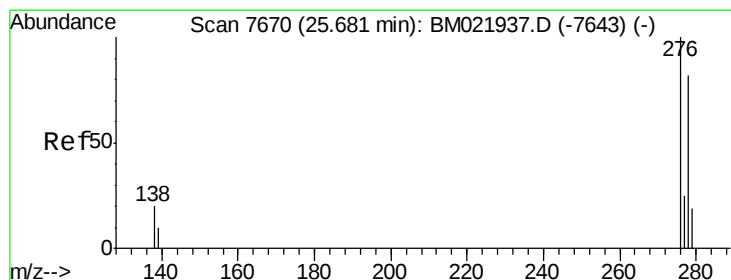
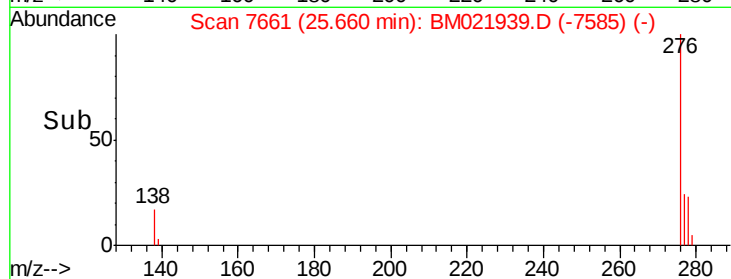
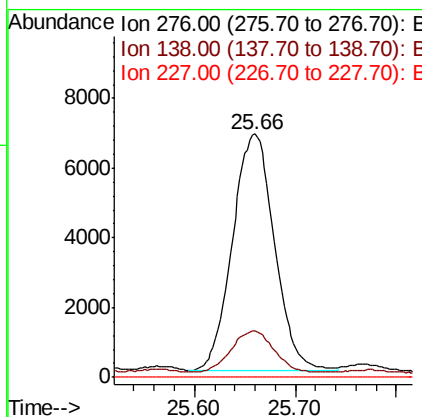
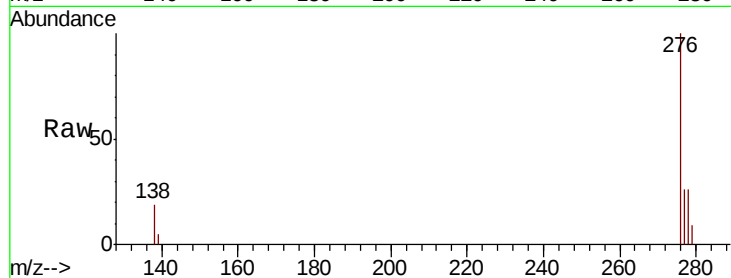
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.986 ng/ul
 RT: 25.66 min Scan# 7661
 Delta R.T. -0.02 min
 Lab File: BM021939.D
 Acq: 08 Aug 2019 18:43

Instrument :
 BNA_M
 ClientSampleId :
 BENT7

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.1	22.7
227	0.0	0.0	0.0

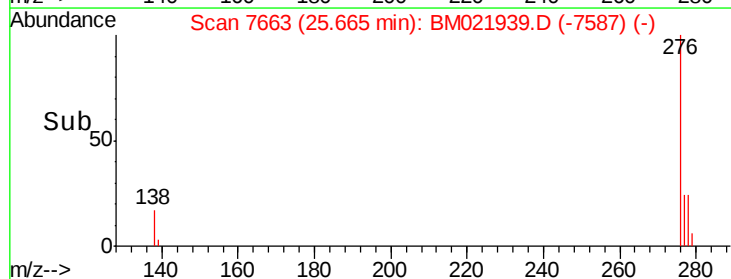
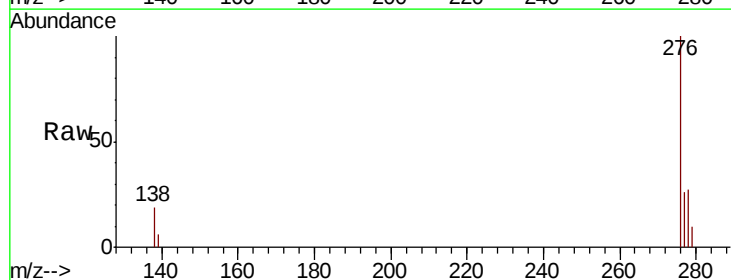
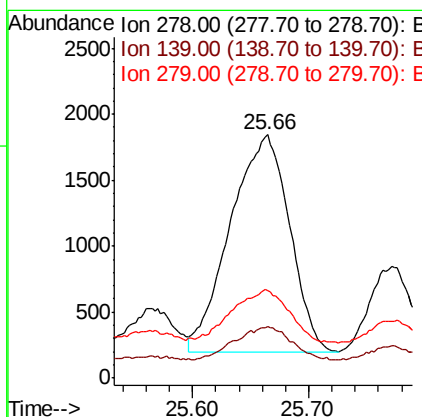
Manual Integrations
 APPROVED

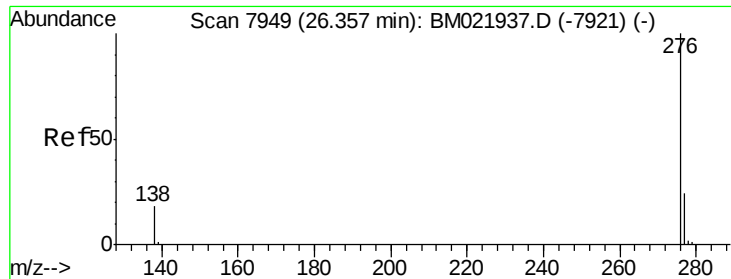
mohammad
 8/9/2019 6:13:13 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.361 ng/ul
 RT: 25.66 min Scan# 7663
 Delta R.T. -0.02 min
 Lab File: BM021939.D
 Acq: 08 Aug 2019 18:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.2	21.2
279	35.8	28.3	42.5





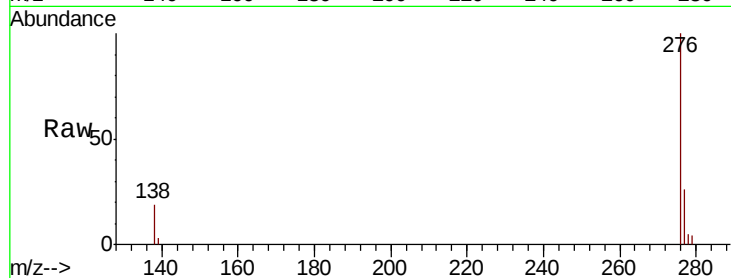
#26
Benzo(a,h,i)perylene
Concen: 0.956 ng/ul
RT: 26.34 min Scan# 7942
Delta R.T. -0.02 min
Lab File: BM021939.D
Acq: 08 Aug 2019 18:43

Instrument :
BNA_M
ClientSampleId :
BENT7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
17070	276	100			
	138	18.9	15.5	23.3	
	277	25.5	21.4	32.2	

Manual Integrations
APPROVED

mohammad
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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

