

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021940.D
 Acq On : 08 Aug 2019 19:20
 Operator : HP/JU
 Sample : K4029-19
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENT8

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:13:18 AM

Quant Time: Aug 09 01:50:03 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	931	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4003	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2207	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	5117m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5009m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5287m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1604	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	4757m	0.28	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	662	0.059	ng/ul#	84
5) 2-Methylnaphthalene	12.09	142	323	0.043	ng/ul	94
7) Acenaphthylene	14.00	152	2724	0.265	ng/ul#	84
8) Acenaphthene	14.34	153	599	0.071	ng/ul	96
9) Fluorene	15.33	166	865	0.092	ng/ul#	97
12) Phenanthrene	17.07	178	17093m	1.148	ng/ul	
13) Anthracene	17.16	178	4818m	0.379	ng/ul	
15) Fluoranthene	19.09	202	49688m	2.491	ng/ul	
17) Pyrene	19.46	202	49636	2.411	ng/ul	100
18) Benzo(a)anthracene	21.21	228	30414	1.698	ng/ul	99
19) Chrysene	21.27	228	33377	1.448	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	41193m	2.311	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	15314m	0.759	ng/ul	
23) Benzo(a)pyrene	23.35	252	28033m	1.546	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	19553m	0.903	ng/ul	
25) Dibenzo(a,h)anthracene	25.66	278	5893m	0.337	ng/ul	
26) Benzo(a,h,i)perylene	26.34	276	14935m	0.766	ng/ul	

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

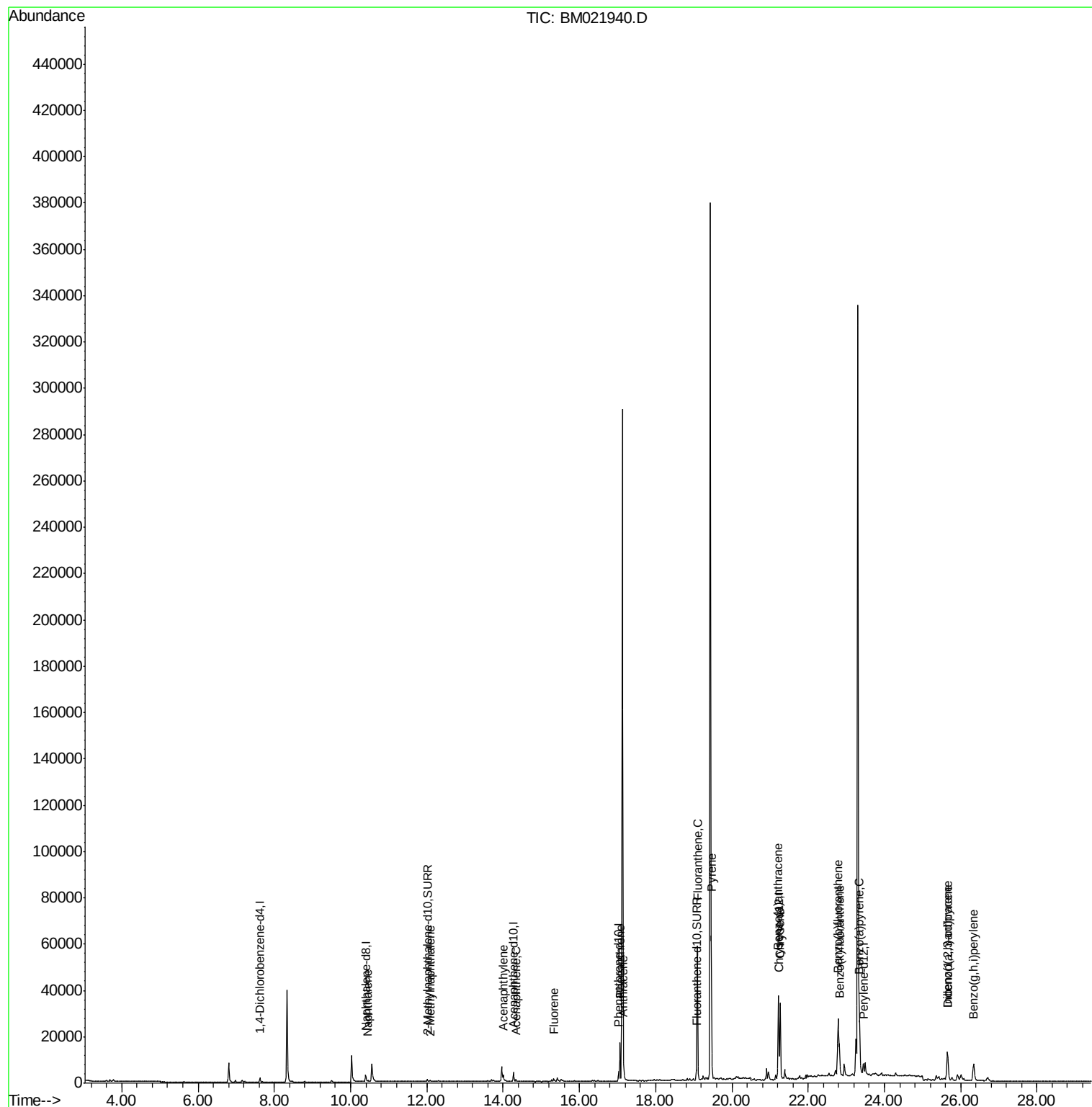
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
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ALS Vial : 50 Sample Multiplier: 1

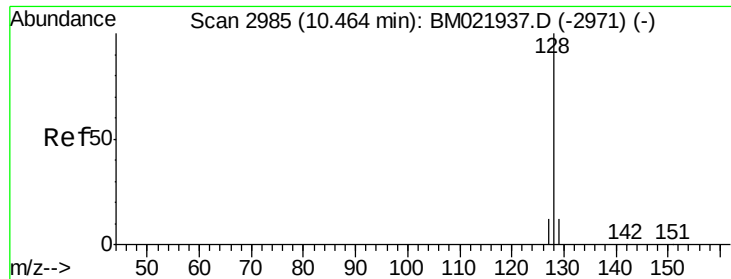
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.059 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM021940.D

Acq: 08 Aug 2019 19:20

Instrument :

BNA_M

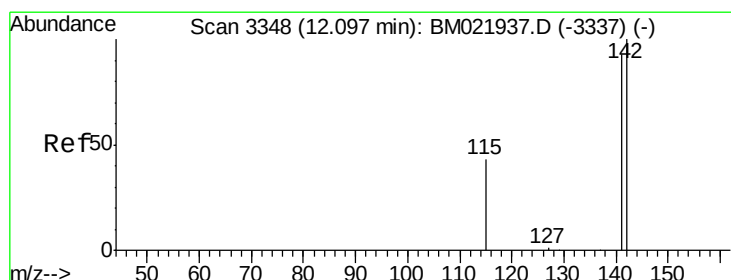
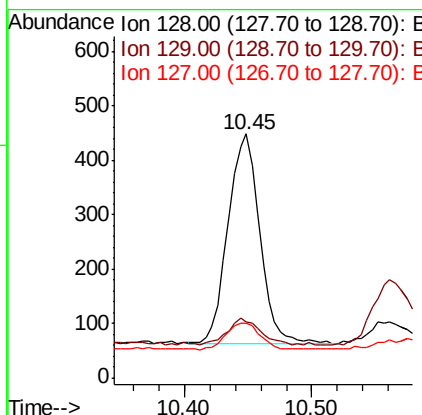
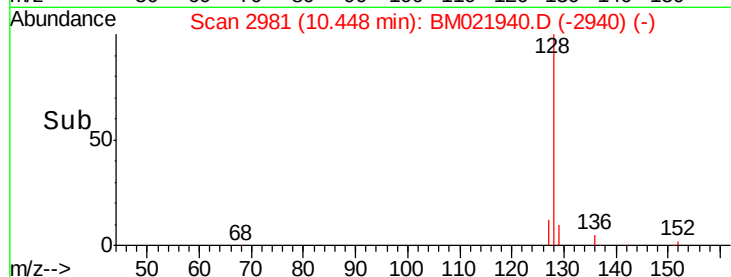
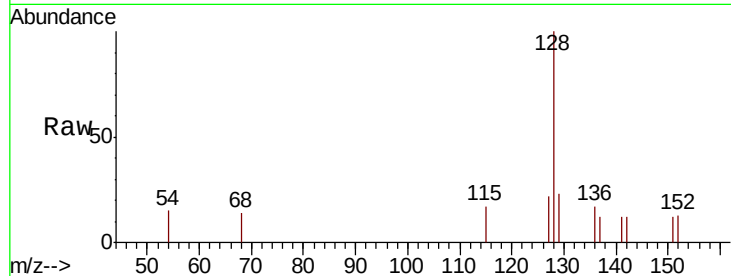
ClientSampleId :

BENT8

Tot Ion:	128	Resp:	662
Ion Ratio	Lower	Upper	
128	100		
129	23.0	12.3	18.5#
127	22.1	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.043 ng/ul

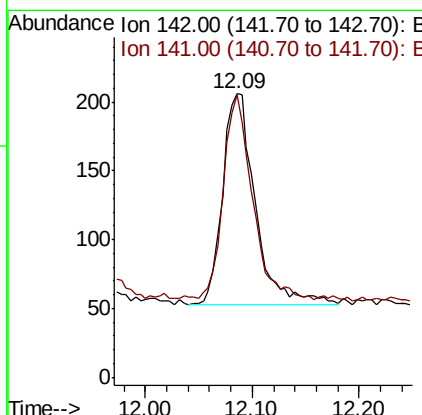
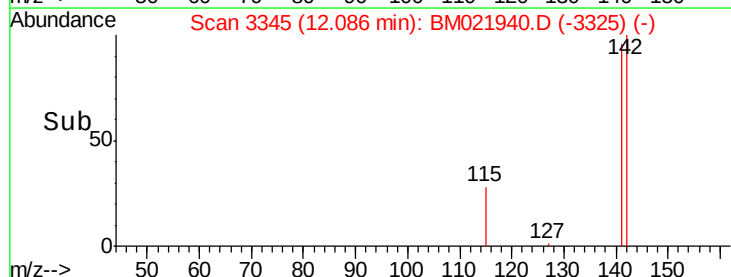
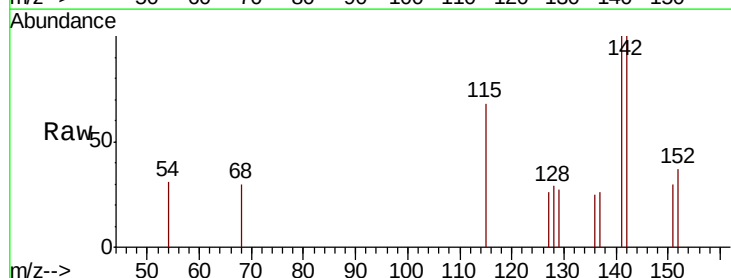
RT: 12.09 min Scan# 3345

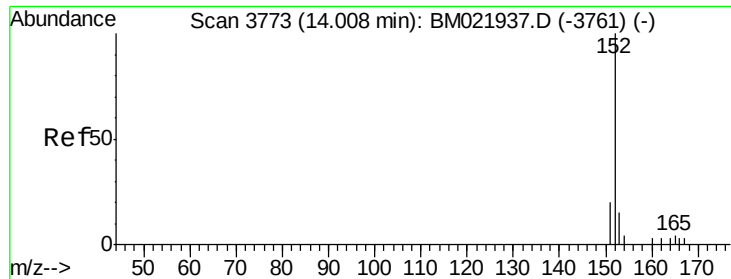
Delta R.T. -0.01 min

Lab File: BM021940.D

Acq: 08 Aug 2019 19:20

Tgt Ion:	142	Resp:	323
Ion Ratio	Lower	Upper	
142	100		
141	87.6	74.3	111.5





#7

Acenaphthylene

Concen: 0.265 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021940.D

Acq: 08 Aug 2019 19:20

Instrument :

BNA_M

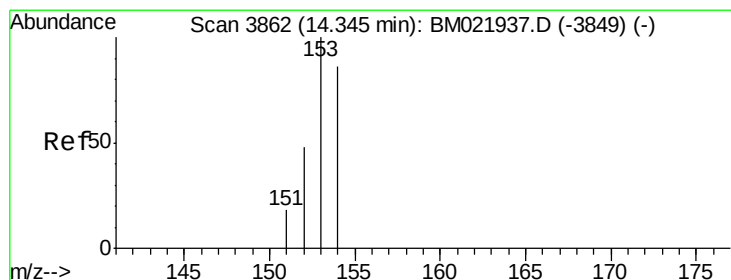
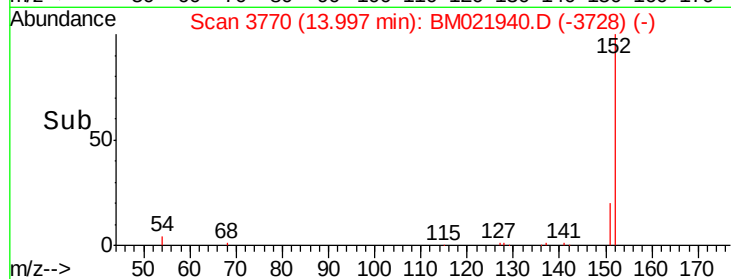
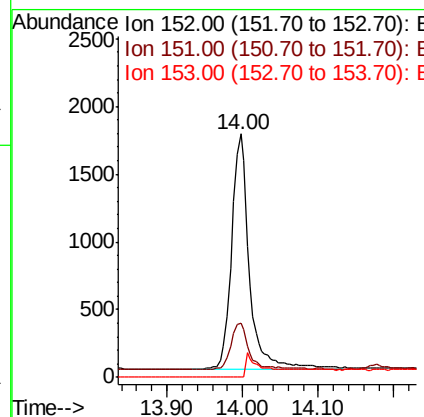
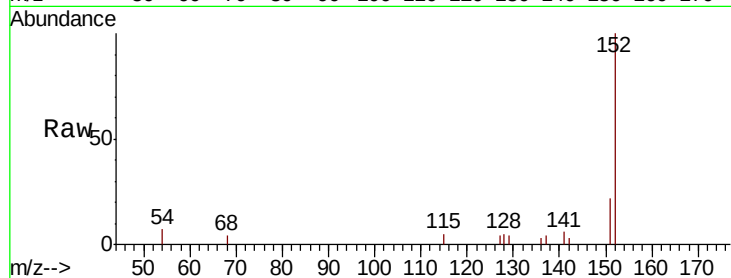
ClientSampleId :

BENT8

Tot Ion:	152	Resp:	2724
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.071 ng/ul

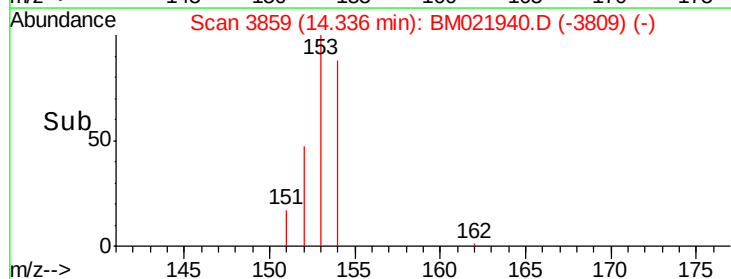
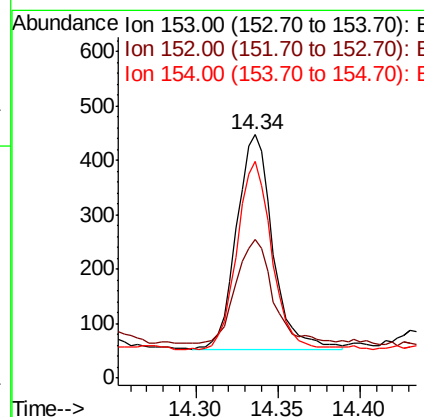
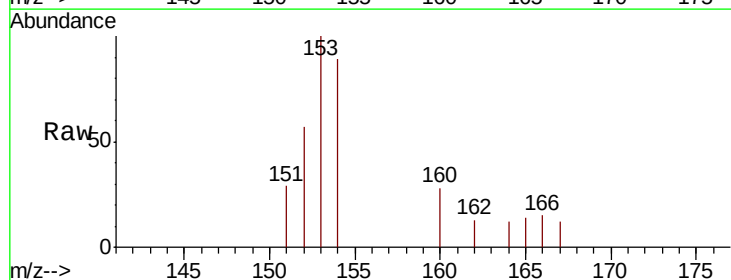
RT: 14.34 min Scan# 3859

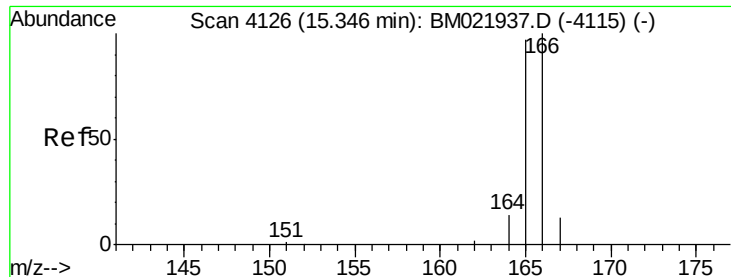
Delta R.T. -0.01 min

Lab File: BM021940.D

Acq: 08 Aug 2019 19:20

Tgt Ion:	153	Resp:	599
Ion Ratio	Lower	Upper	
153	100		
152	57.3	41.3	61.9
154	89.3	72.3	108.5





#9

Fluorene

Concen: 0.092 ng/ul

RT: 15.33 min Scan# 4121

Delta R.T. -0.02 min

Lab File: BM021940.D

Acq: 08 Aug 2019 19:20

Instrument :

BNA_M

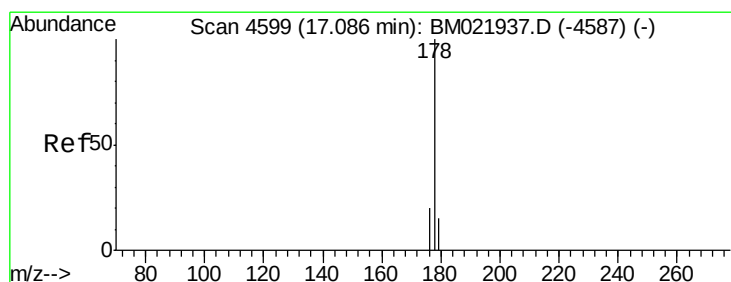
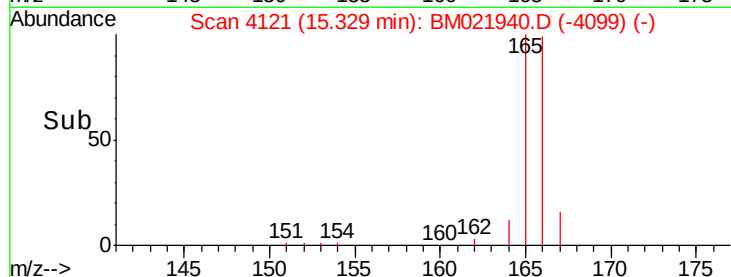
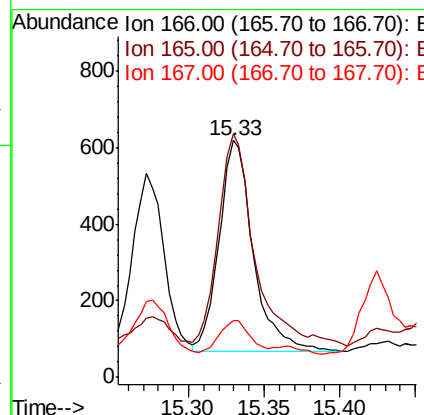
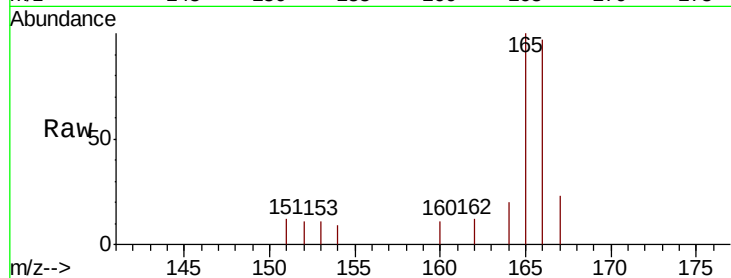
ClientSampleId :

BENT8

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.7	81.4	122.0
167	24.1	13.7	20.5

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#12

Phenanthrene

Concen: 1.148 ng/ul m

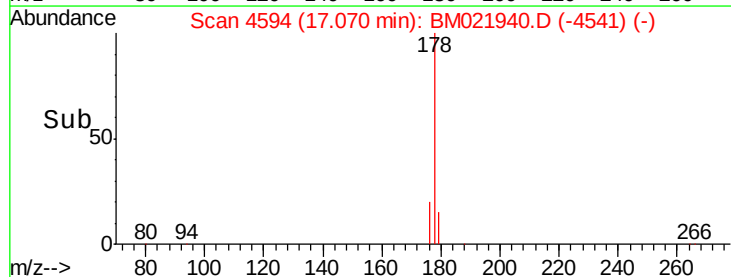
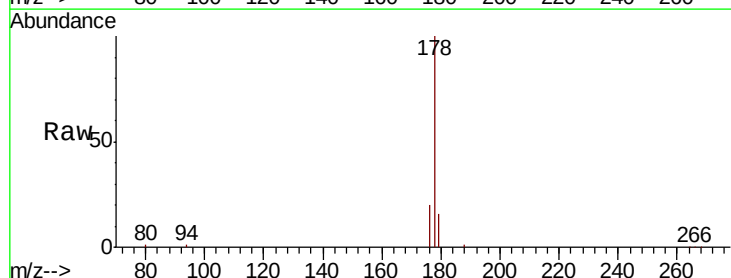
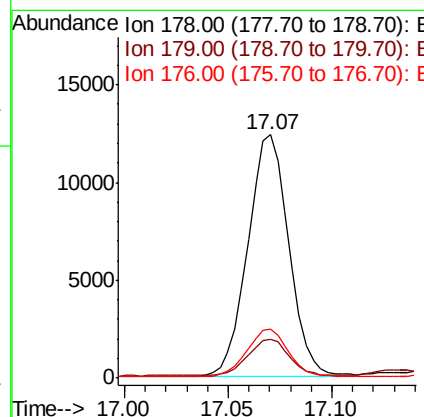
RT: 17.07 min Scan# 4594

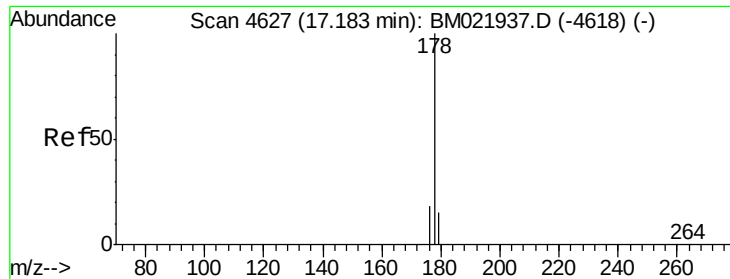
Delta R.T. -0.02 min

Lab File: BM021940.D

Acq: 08 Aug 2019 19:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	14.2	21.2
176	20.4	16.8	25.2





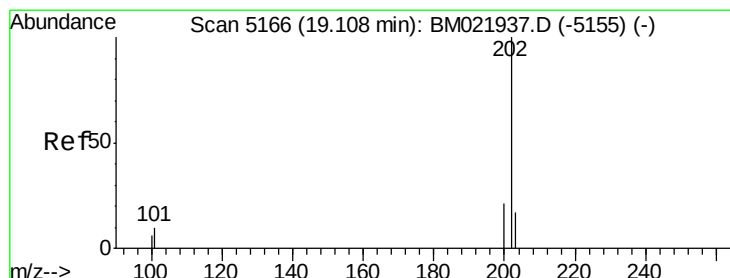
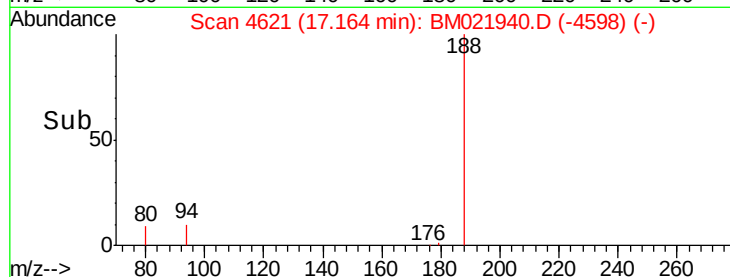
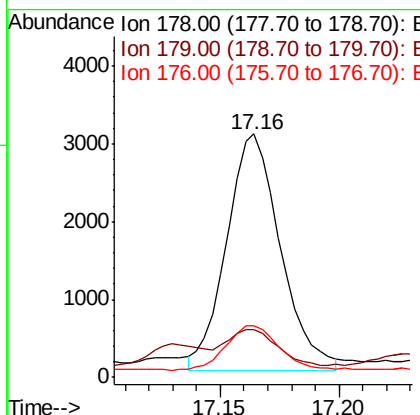
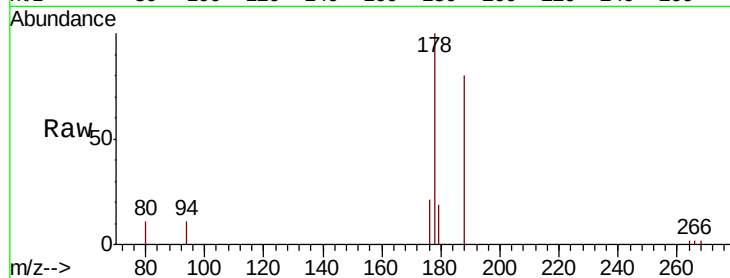
#13
 Anthracene
 Concen: 0.379 ng/ul m
 RT: 17.16 min Scan# 4621
 Delta R.T. -0.02 min
 Lab File: BM021940.D
 Acq: 08 Aug 2019 19:20

Instrument :
 BNA_M
 ClientSampleId :
 BENT8

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.4	15.5	23.3
176	21.0	16.6	25.0

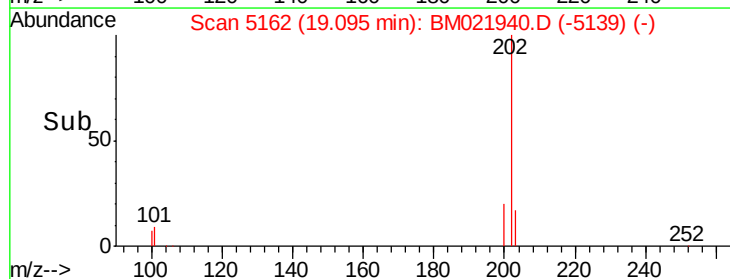
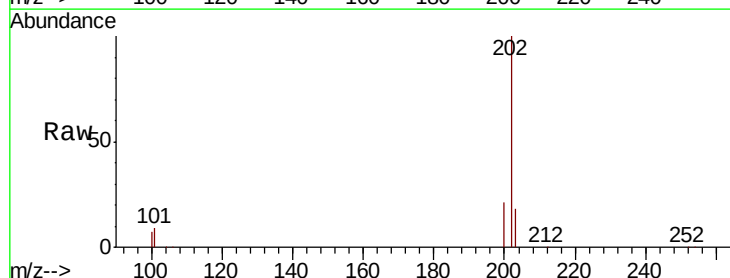
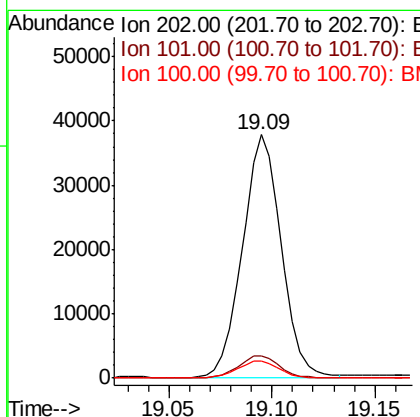
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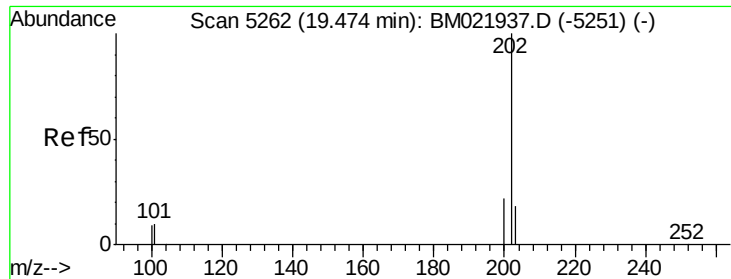
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#15
 Fluoranthene
 Concen: 2.491 ng/ul m
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.01 min
 Lab File: BM021940.D
 Acq: 08 Aug 2019 19:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.2
100	7.2	0.0	28.1





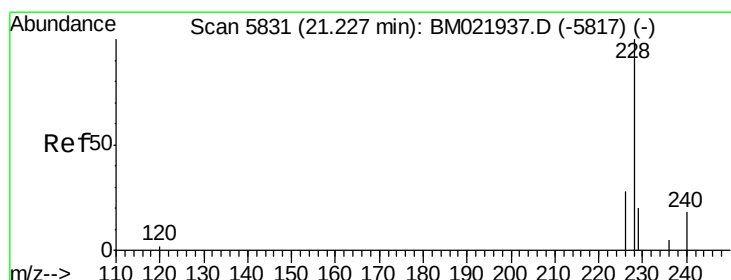
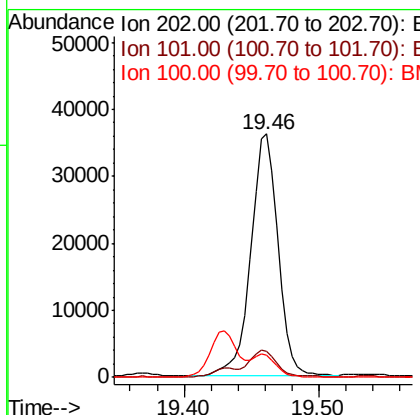
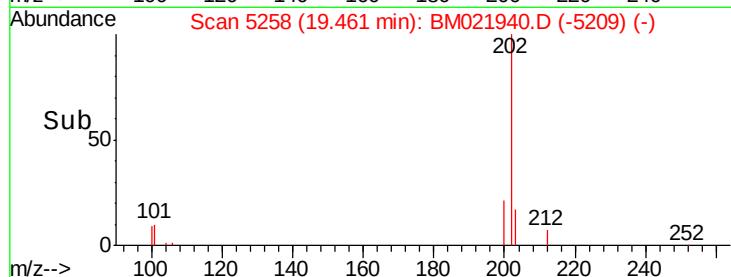
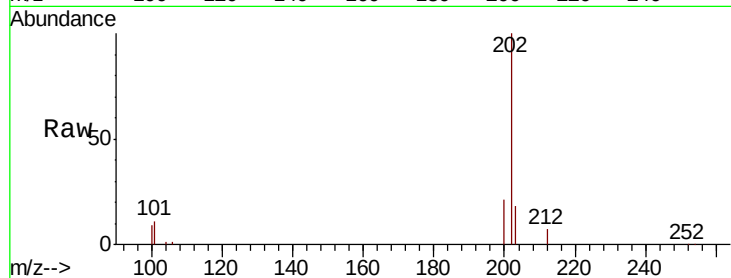
#17
 Pyrene
 Concen: 2.411 ng/ul
 RT: 19.46 min Scan# 5258
 Delta R.T. -0.01 min
 Lab File: BM021940.D
 Acq: 08 Aug 2019 19:20

Instrument :
 BNA_M
 ClientSampleId :
 BENT8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	8.3	12.5
100	9.0	7.2	10.8

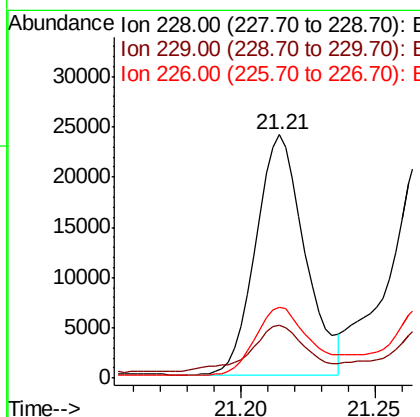
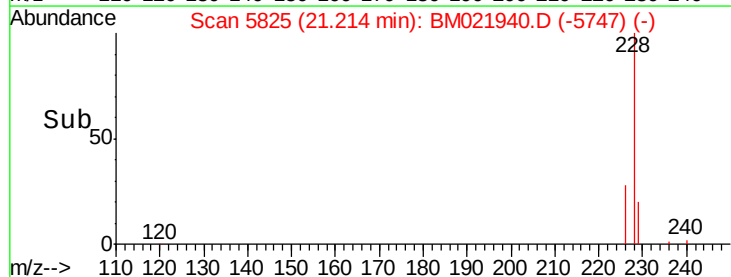
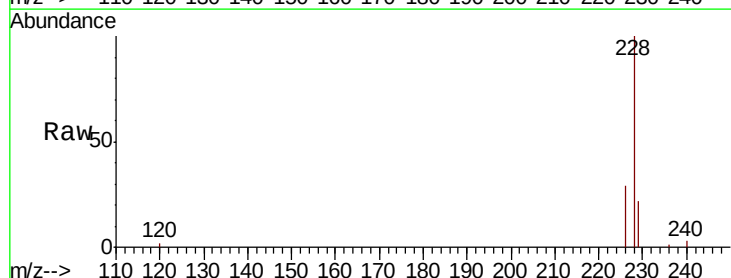
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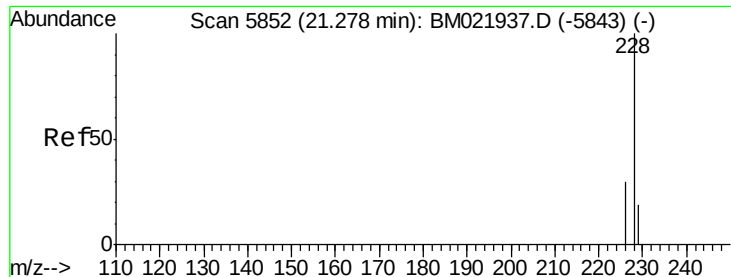
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#18
 Benzo(a)anthracene
 Concen: 1.698 ng/ul
 RT: 21.21 min Scan# 5825
 Delta R.T. -0.01 min
 Lab File: BM021940.D
 Acq: 08 Aug 2019 19:20

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.6	17.2	25.8
226	29.1	22.6	34.0





#19

Chrysene

Concen: 1.448 ng/ul

RT: 21.27 min Scan# 5847

Delta R.T. -0.01 min

Lab File: BM021940.D

Acq: 08 Aug 2019 19:20

Instrument :

BNA_M

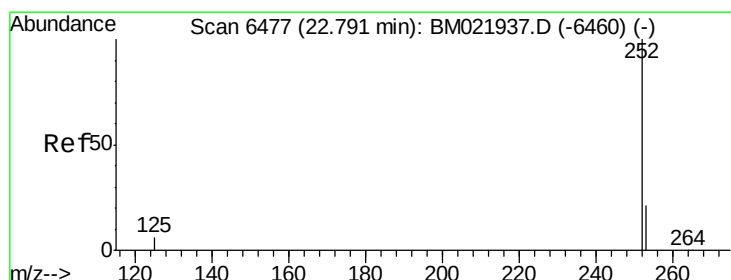
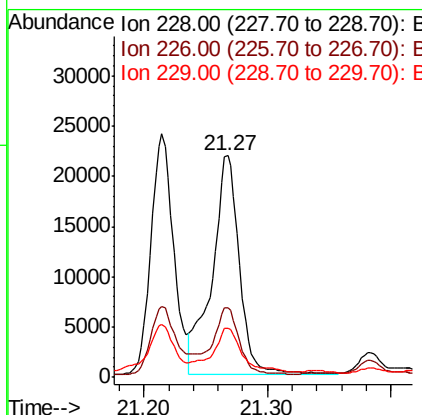
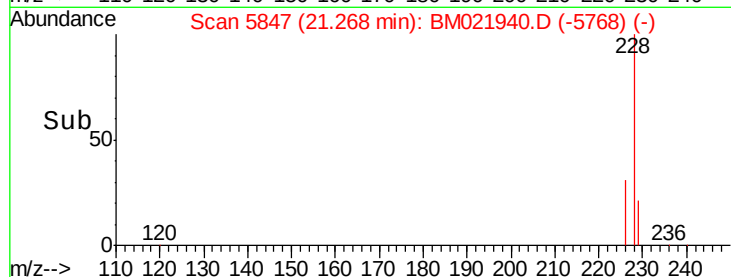
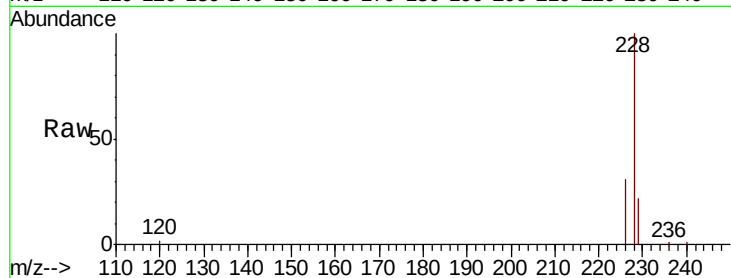
ClientSampleId :

BENT8

Tot Ion:	228	Resp:	33377
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	22.3	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 2.311 ng/ul m

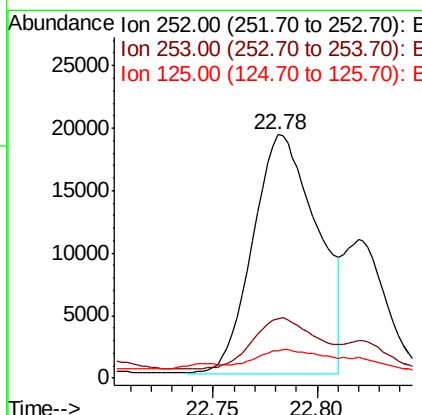
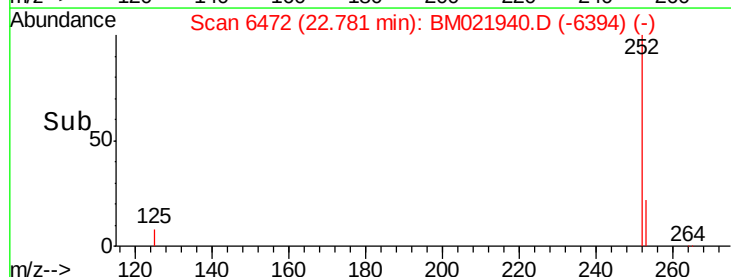
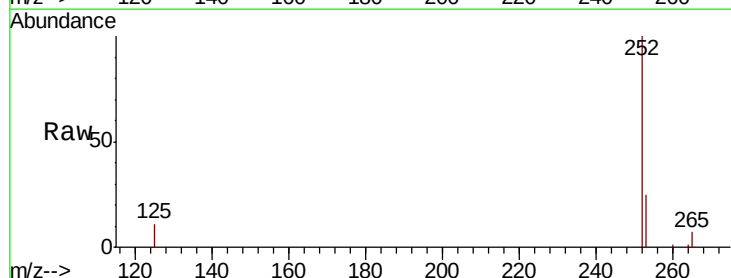
RT: 22.78 min Scan# 6472

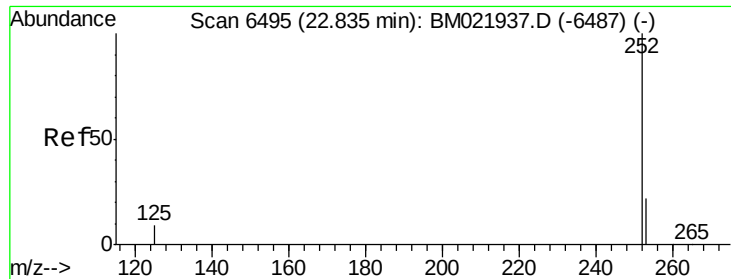
Delta R.T. -0.01 min

Lab File: BM021940.D

Acq: 08 Aug 2019 19:20

Tgt Ion:	252	Resp:	41193
Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	67.4
125	11.3	0.0	31.0





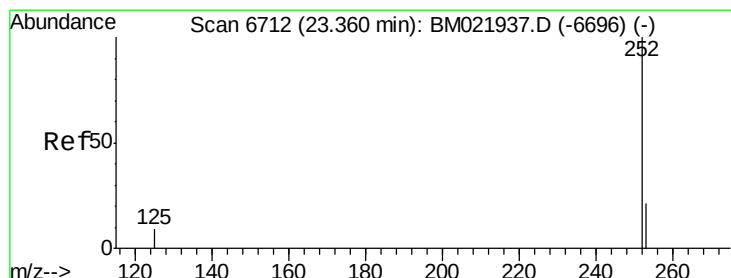
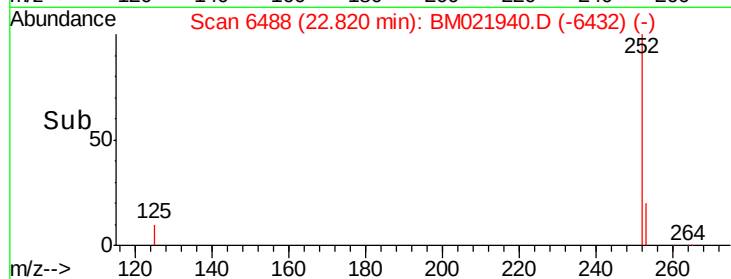
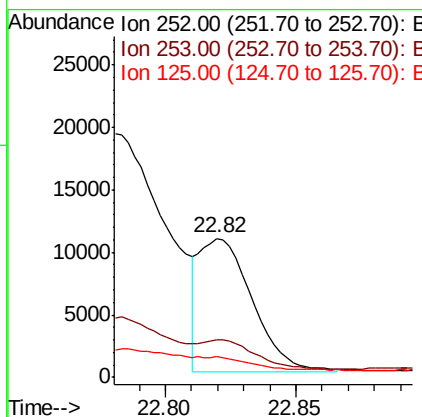
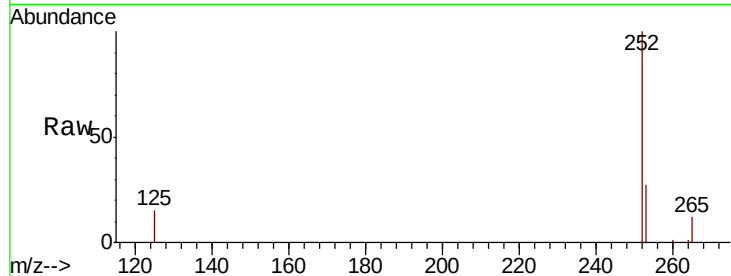
#22
Benzo(k)fluoranthene
Concen: 0.759 ng/ul m
RT: 22.82 min Scan# 6488
Delta R.T. -0.01 min
Lab File: BM021940.D
Acq: 08 Aug 2019 19:20

Instrument :
BNA_M
ClientSampled :
BENT8

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	27.0	40.4
125	14.7	12.2	18.2

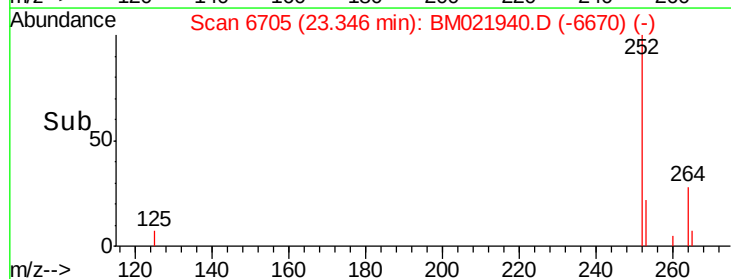
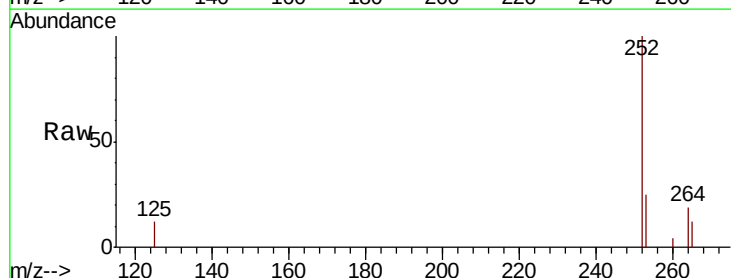
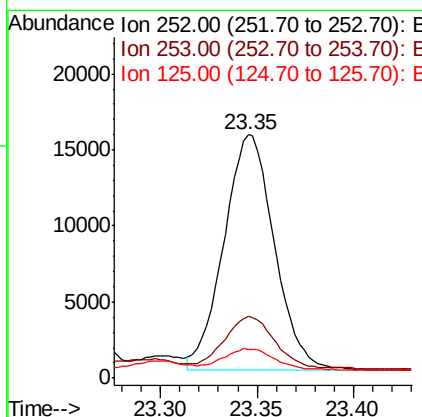
Manual Integrations
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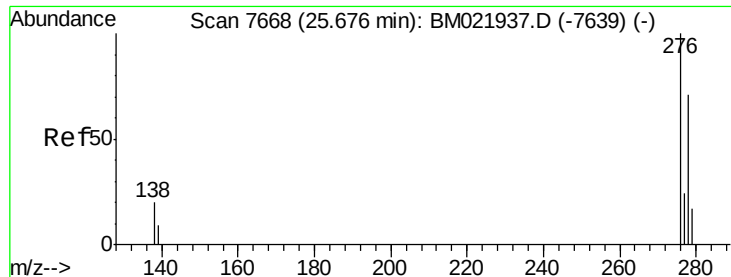
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#23
Benzo(a)pyrene
Concen: 1.546 ng/ul m
RT: 23.35 min Scan# 6705
Delta R.T. -0.01 min
Lab File: BM021940.D
Acq: 08 Aug 2019 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	31.7	47.5#
125	11.8	14.6	21.8#





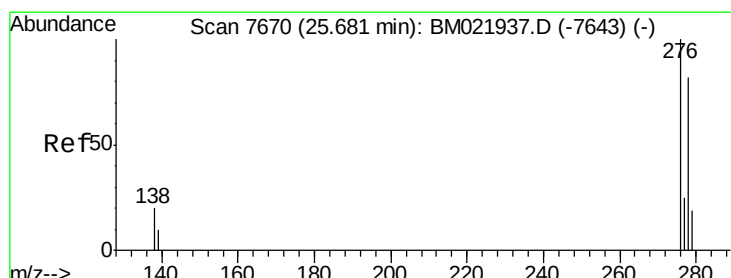
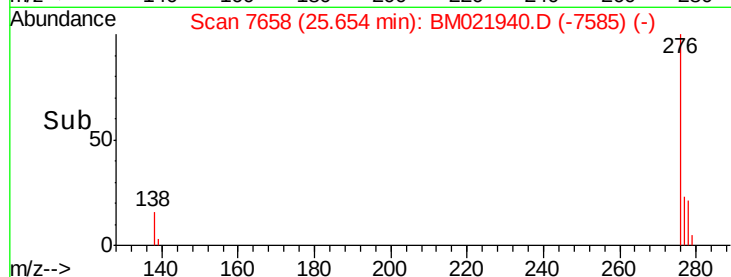
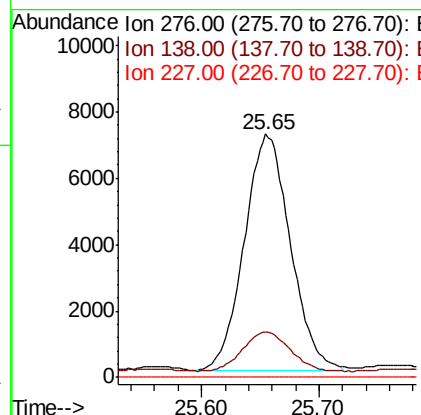
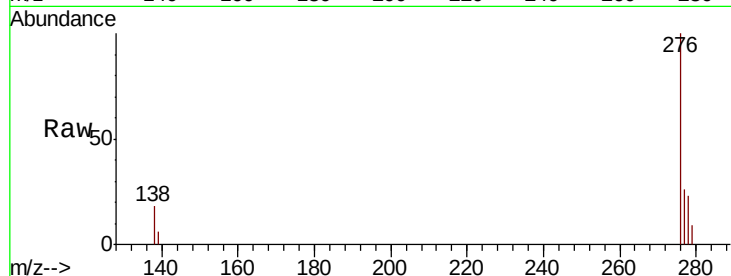
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.903 ng/ul m
 RT: 25.65 min Scan# 7658
 Delta R.T. -0.02 min
 Lab File: BM021940.D
 Acq: 08 Aug 2019 19:20

Instrument :
 BNA_M
 ClientSampled :
 BENT8

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.5	15.1	22.7#
227	0.0	0.0	0.0

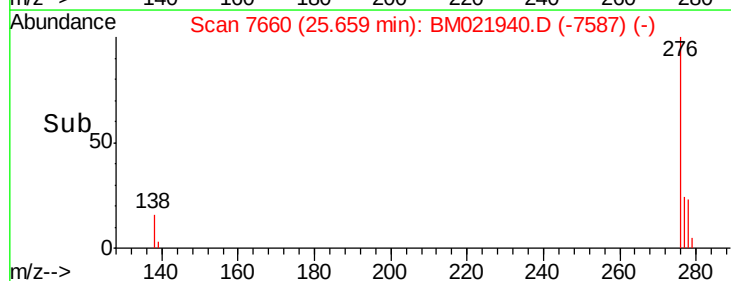
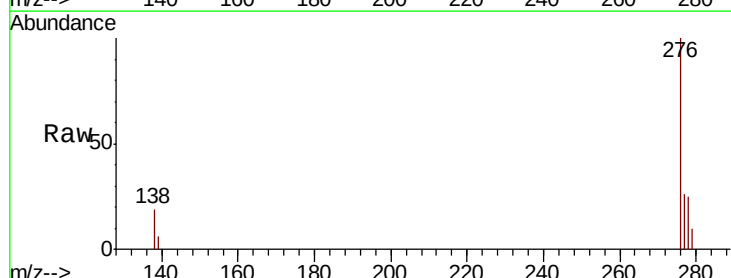
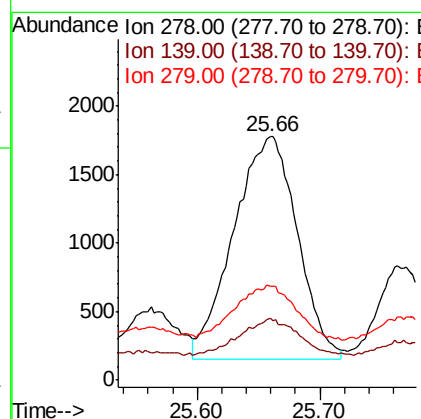
Manual Integrations
 APPROVED

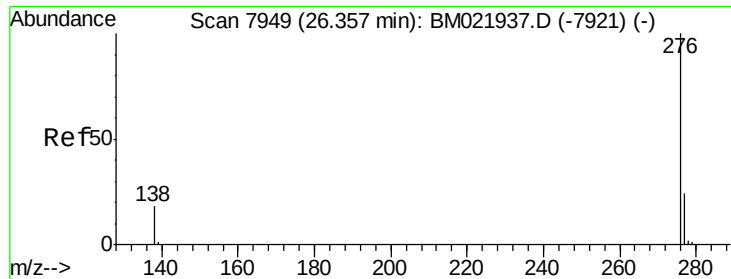
mohammad
 8/9/2019 6:13:18 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.337 ng/ul m
 RT: 25.66 min Scan# 7660
 Delta R.T. -0.02 min
 Lab File: BM021940.D
 Acq: 08 Aug 2019 19:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.6	14.2	21.2#
279	38.8	28.3	42.5





#26
Benzo(a,h,i)perylene
Concen: 0.766 ng/ul m
RT: 26.34 min Scan# 7940
Delta R.T. -0.02 min
Lab File: BM021940.D
Acq: 08 Aug 2019 19:20

Instrument :
BNA_M
ClientSampleId :
BENT8

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.5	23.3
277	26.1	21.4	32.2

Manual Integrations
APPROVED

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8/9/2019 6:13:18 AM

