

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021928.D
 Acq On : 08 Aug 2019 11:54
 Operator : HP/JU
 Sample : K4029-16DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY6DL

Manual Integrations
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mohammad
 8/9/2019 6:12:22 AM

Quant Time: Aug 08 14:00:35 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 : Thu Aug 08 06:54:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	648	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	2794	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	1555	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	3414	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	3258	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4670	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	255	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	658	0.06	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	412	0.052	ng/ul#	67
5) 2-Methylnaphthalene	12.10	142	385	0.073	ng/ul	97
7) Acenaphthylene	14.00	152	476	0.066	ng/ul#	71
8) Acenaphthene	14.34	153	1039	0.175	ng/ul	96
9) Fluorene	15.34	166	1214	0.184	ng/ul	98
12) Phenanthrene	17.07	178	11579	1.166	ng/ul	97
13) Anthracene	17.17	178	3710	0.438	ng/ul	96
15) Fluoranthene	19.10	202	11961	0.899	ng/ul	100
17) Pyrene	19.46	202	10753	0.803	ng/ul	95
18) Benzo(a)anthracene	21.22	228	6018	0.516	ng/ul	98
19) Chrysene	21.27	228	5418	0.362	ng/ul	96
21) Benzo(b)fluoranthene	22.79	252	5683m	0.361	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2162m	0.121	ng/ul	
23) Benzo(a)pyrene	23.35	252	4011	0.250	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.67	276	2065	0.108	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.66	278	638	0.041	ng/ul#	19
26) Benzo(a,h,i)perylene	26.35	276	1556	0.090	ng/ul#	83

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

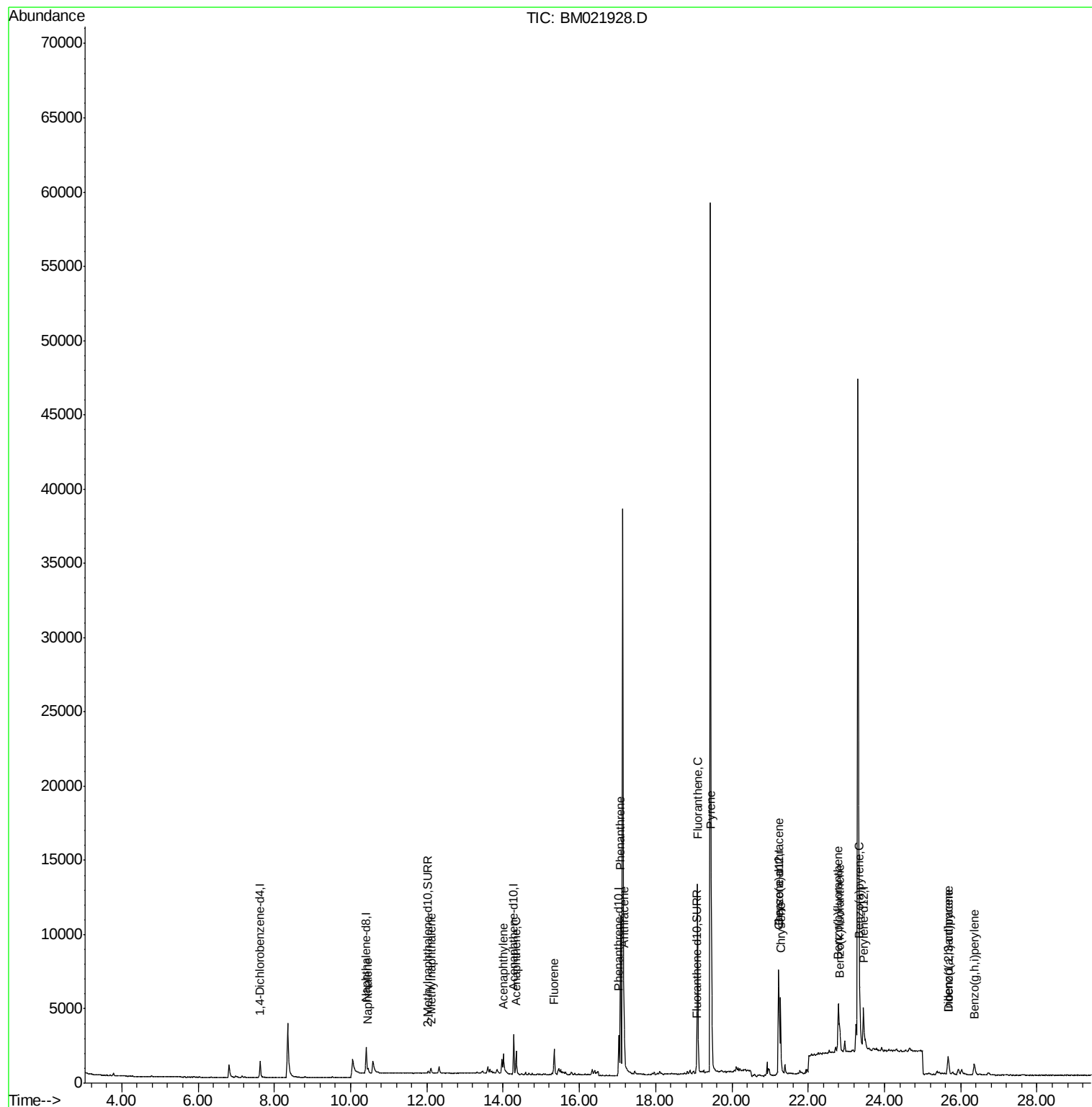
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021928.D
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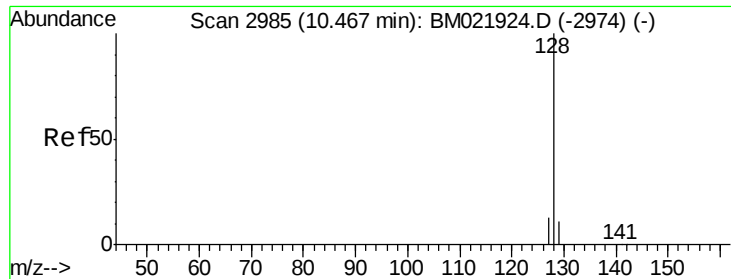
Instrument :
BNA_M
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BENY6DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.052 ng/ul

RT: 10.46 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BM021928.D

Acq: 08 Aug 2019 11:54

Instrument :

BNA_M

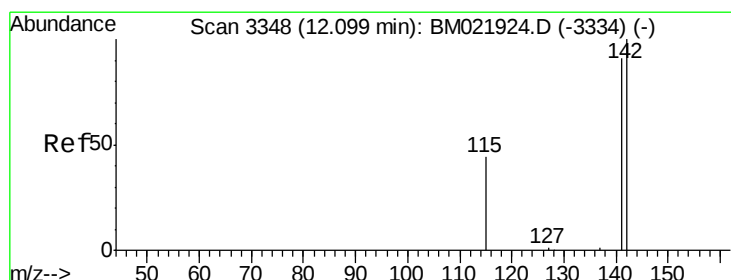
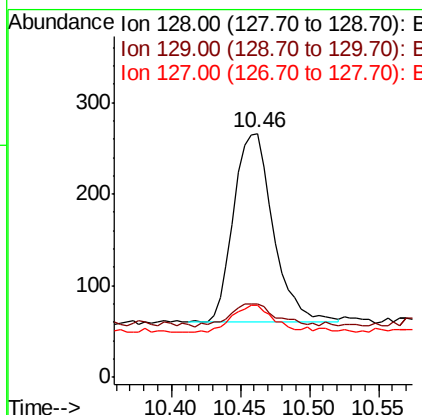
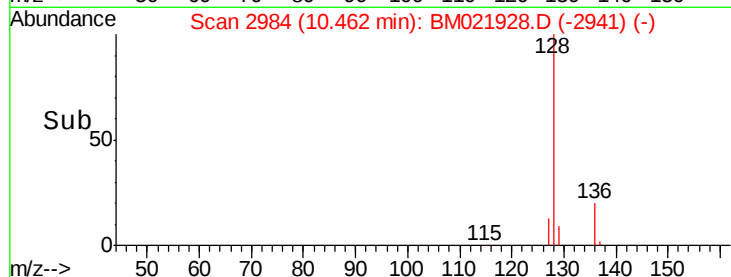
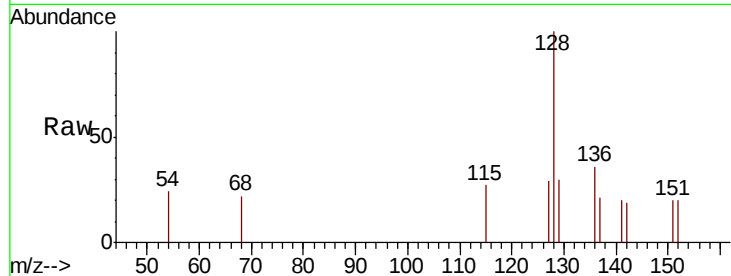
ClientSampleId :

BENY6DL

Tot Ion:	128	Resp:	412
Ion	Ratio	Lower	Upper
128	100		
129	30.1	12.3	18.5#
127	29.3	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.073 ng/ul

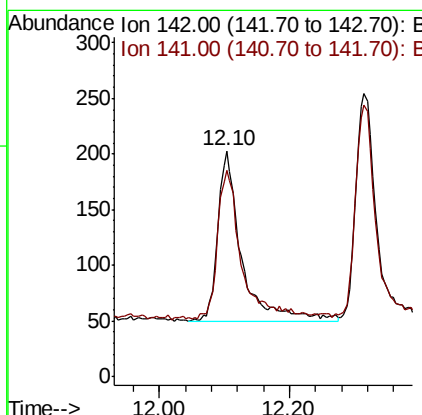
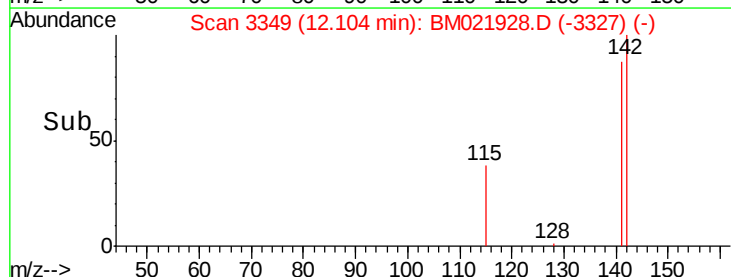
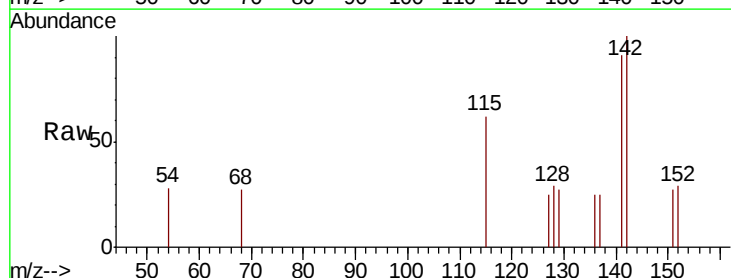
RT: 12.10 min Scan# 3349

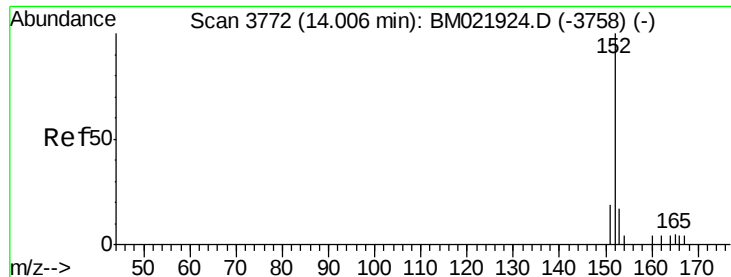
Delta R.T. -0.00 min

Lab File: BM021928.D

Acq: 08 Aug 2019 11:54

Tgt Ion:	142	Resp:	385
Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.3	111.5





#7

Acenaphthylene

Concen: 0.066 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021928.D

Acq: 08 Aug 2019 11:54

Instrument :

BNA_M

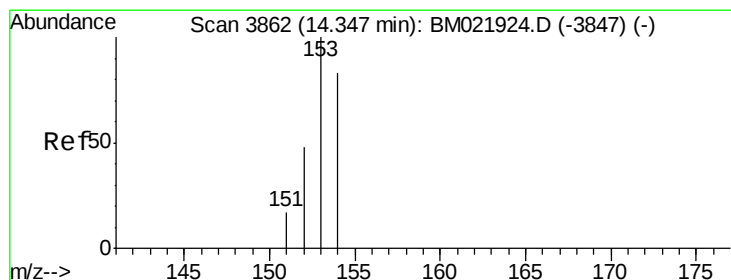
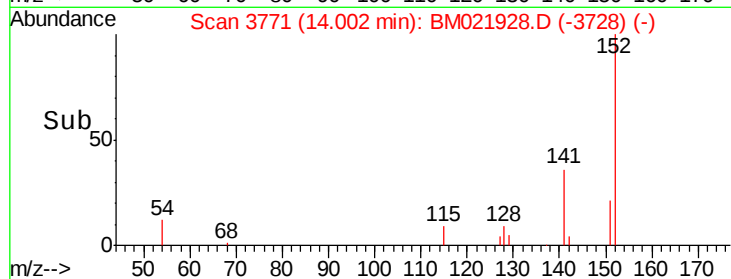
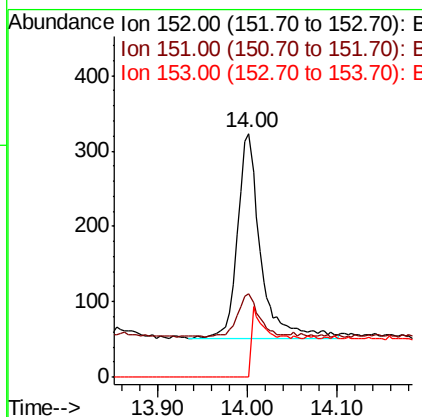
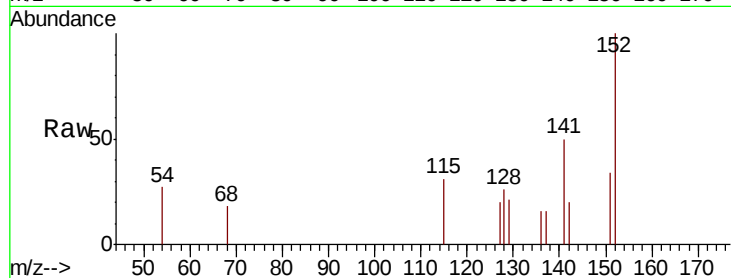
ClientSampleId :

BENY6DL

Tot Ion:	152	Resp:	476
Ion Ratio	Lower	Upper	
152	100		
151	34.1	18.3	27.5#
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.175 ng/ul

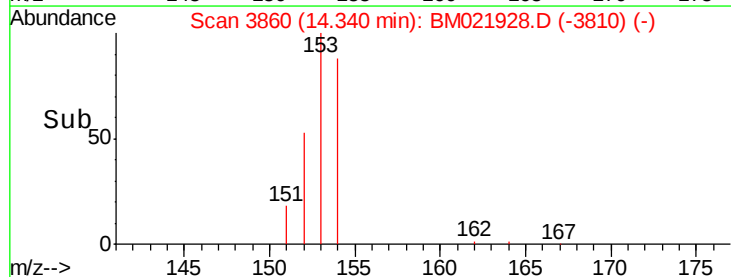
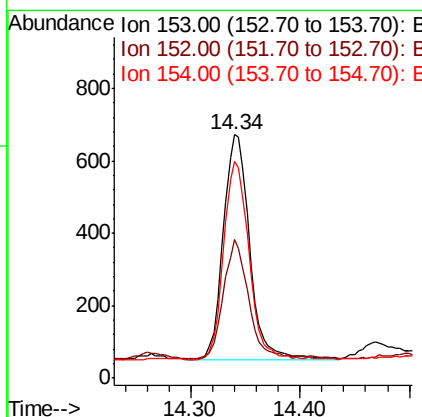
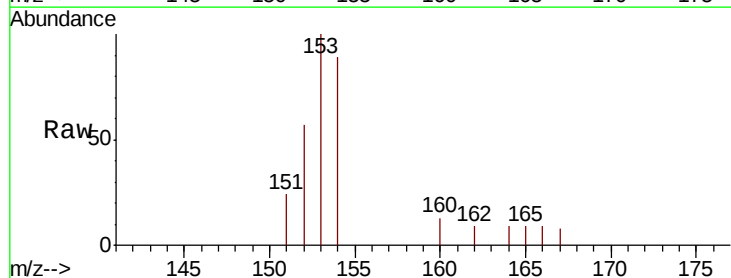
RT: 14.34 min Scan# 3860

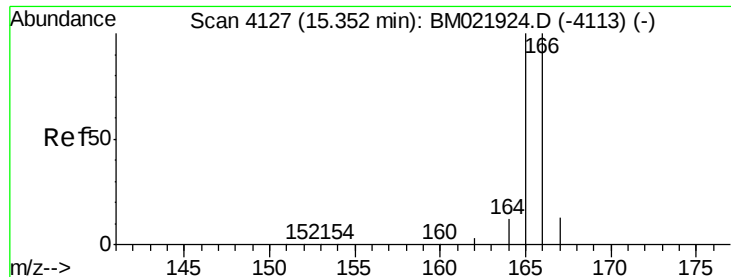
Delta R.T. -0.01 min

Lab File: BM021928.D

Acq: 08 Aug 2019 11:54

Tgt Ion:	153	Resp:	1039
Ion Ratio	Lower	Upper	
153	100		
152	56.8	41.3	61.9
154	88.8	72.3	108.5





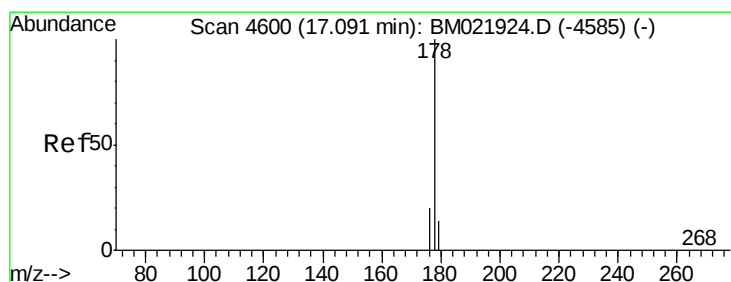
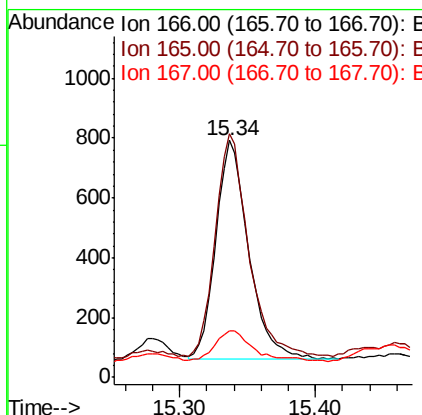
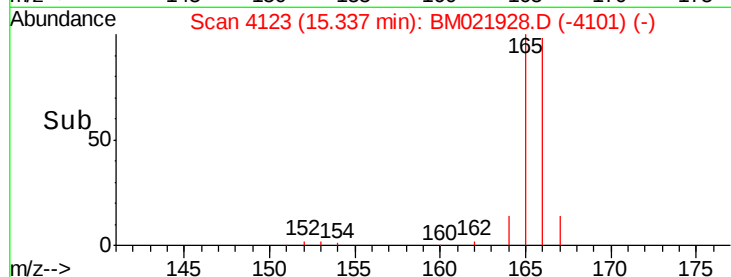
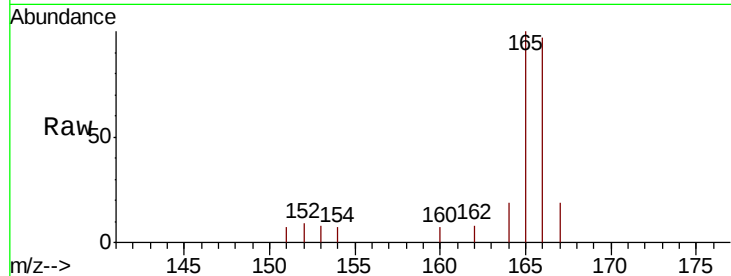
#9
Fluorene
 Concen: 0.184 ng/ul
 RT: 15.34 min Scan# 4123
 Delta R.T. -0.02 min
 Lab File: BM021928.D
 Acq: 08 Aug 2019 11:54

Instrument :
 BNA_M
 ClientSampleID :
 BENY6DL

Tot Ion:	166	Resp:	1214
Ion	Ratio	Lower	Upper
166	100		
165	102.8	81.4	122.0
167	19.9	13.7	20.5

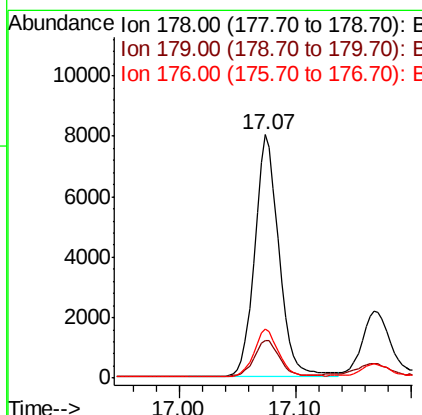
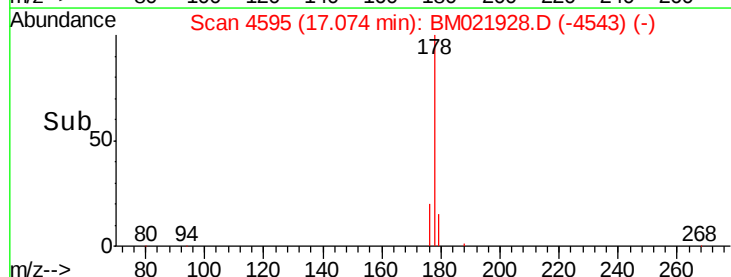
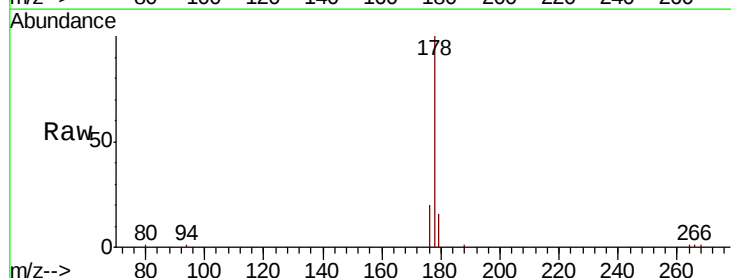
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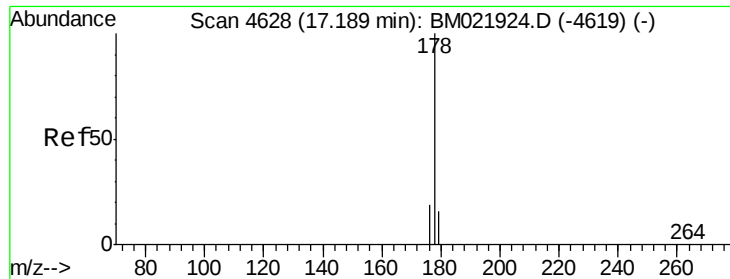
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#12
Phenanthrene
 Concen: 1.166 ng/ul
 RT: 17.07 min Scan# 4595
 Delta R.T. -0.02 min
 Lab File: BM021928.D
 Acq: 08 Aug 2019 11:54

Tgt Ion:	178	Resp:	11579
Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.2	21.2
176	20.2	16.8	25.2





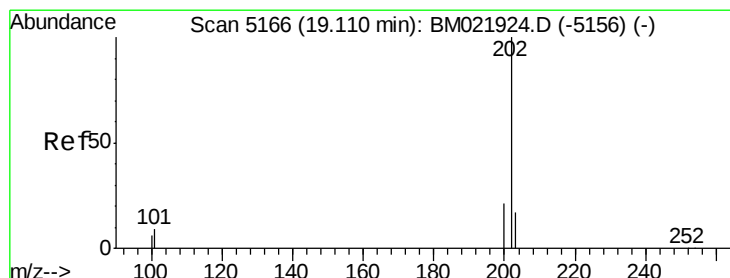
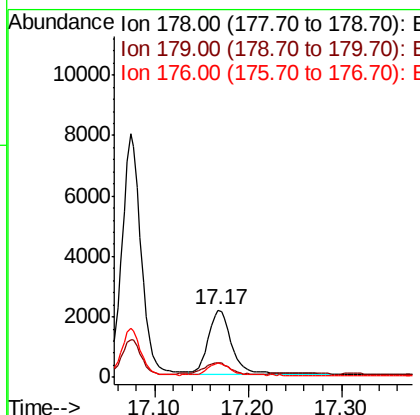
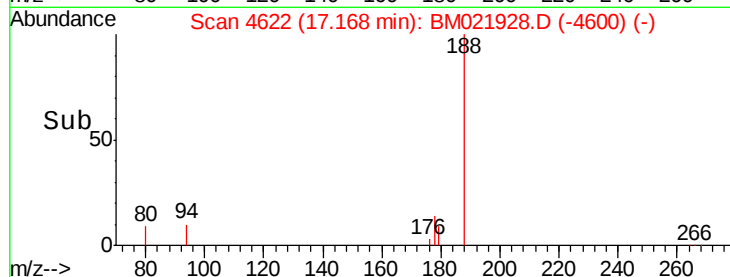
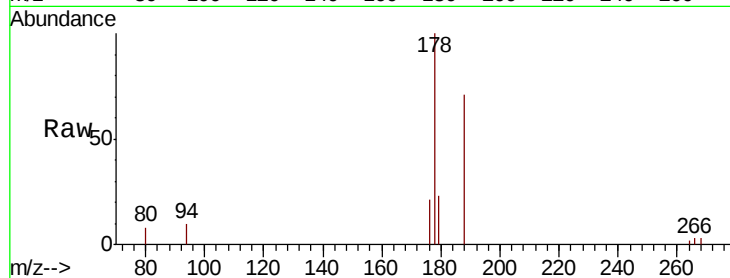
#13
 Anthracene
 Concen: 0.438 ng/ul
 RT: 17.17 min Scan# 4622
 Delta R.T. -0.02 min
 Lab File: BM021928.D
 Acq: 08 Aug 2019 11:54

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion:	178	Resp:	3710
Ion Ratio	Lower	Upper	
178	100		
179	22.5	15.5	23.3
176	21.1	16.6	25.0

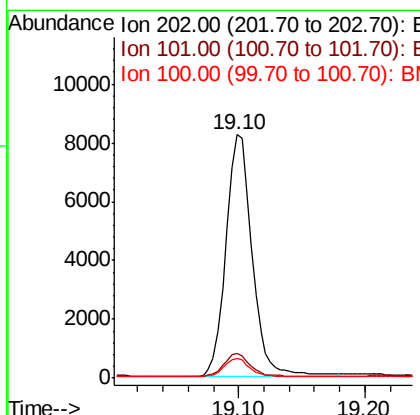
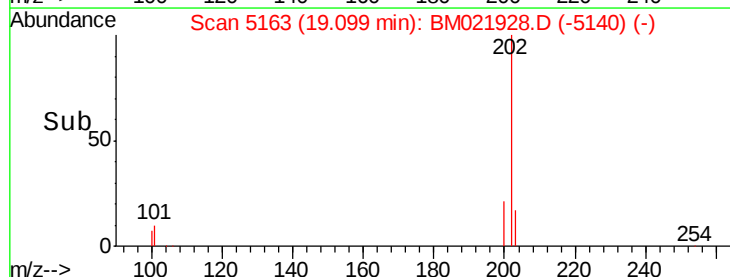
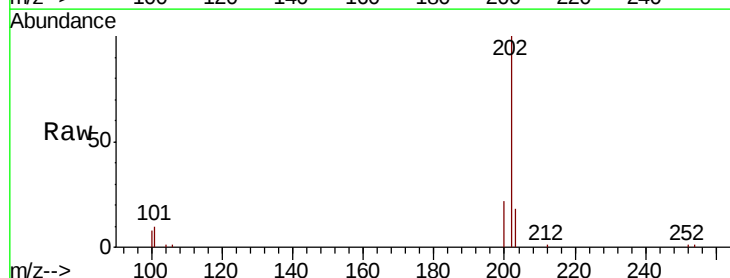
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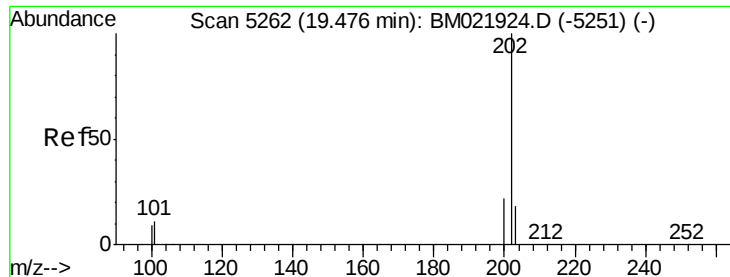
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#15
 Fluoranthene
 Concen: 0.899 ng/ul
 RT: 19.10 min Scan# 5163
 Delta R.T. -0.01 min
 Lab File: BM021928.D
 Acq: 08 Aug 2019 11:54

Tgt Ion:	202	Resp:	11961
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	30.2
100	7.9	0.0	28.1





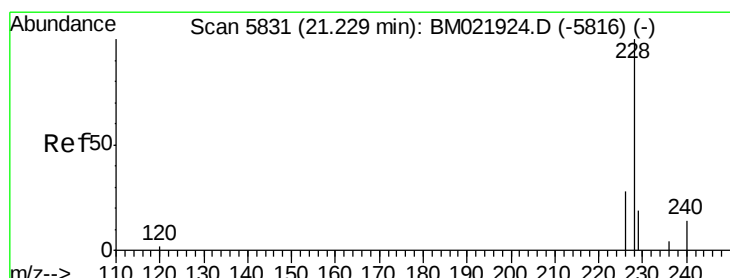
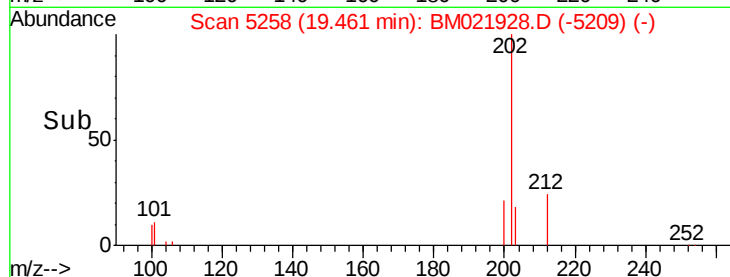
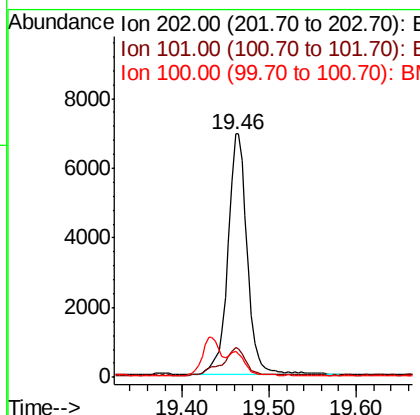
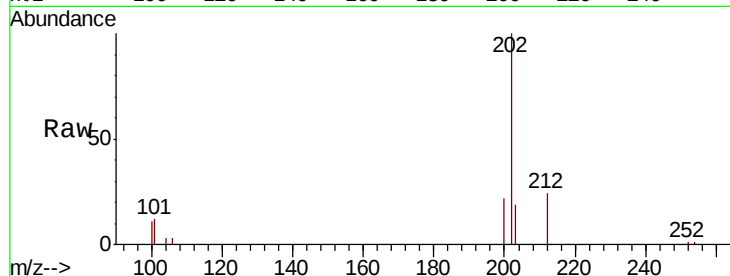
#17
Pvrene
Concen: 0.803 ng/ul
RT: 19.46 min Scan# 5258
Delta R.T. -0.01 min
Lab File: BM021928.D
Acq: 08 Aug 2019 11:54

Instrument :
BNA_M
ClientSampleId :
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Tot Ion:	202	Resp:	10753
Ion Ratio	Lower	Upper	
202	100		
101	12.2	8.3	12.5
100	10.7	7.2	10.8

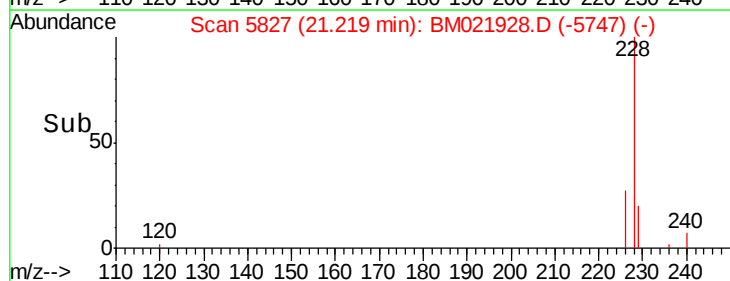
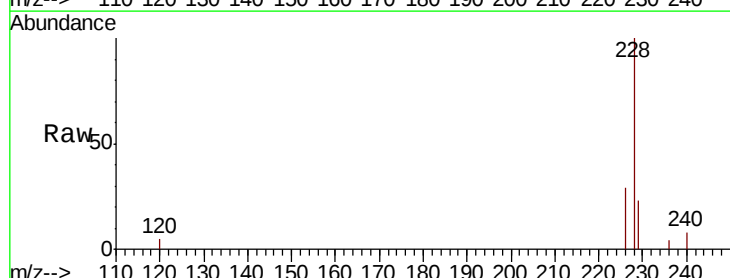
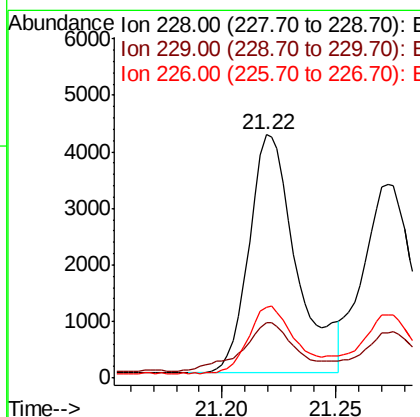
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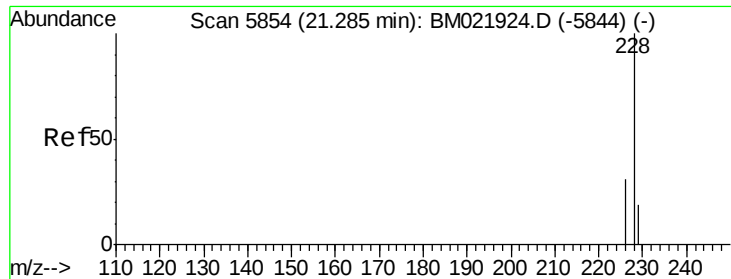
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#18
Benzo(a)anthracene
Concen: 0.516 ng/ul
RT: 21.22 min Scan# 5827
Delta R.T. -0.01 min
Lab File: BM021928.D
Acq: 08 Aug 2019 11:54

Tgt Ion:	228	Resp:	6018
Ion Ratio	Lower	Upper	
228	100		
229	22.8	17.2	25.8
226	28.9	22.6	34.0





#19

Chrysene

Concen: 0.362 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. -0.00 min

Lab File: BM021928.D

Acq: 08 Aug 2019 11:54

Instrument :

BNA_M

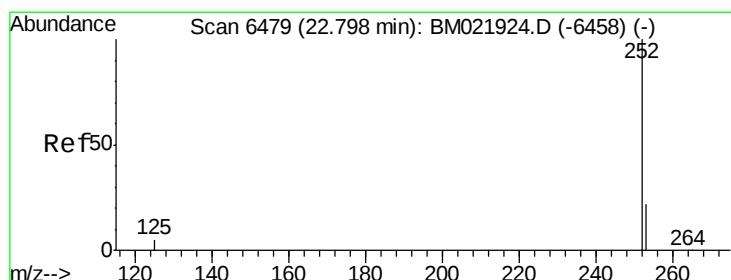
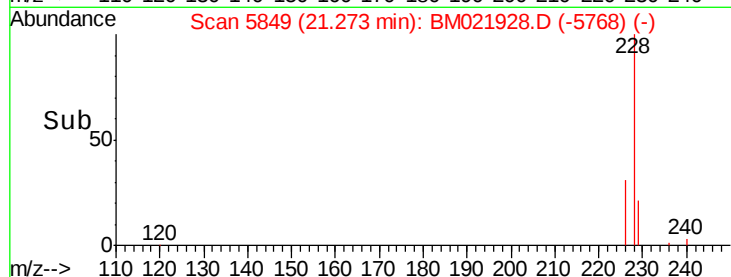
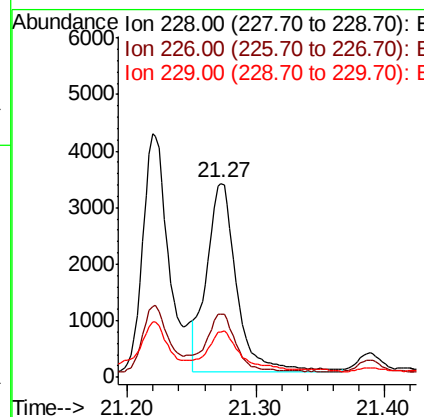
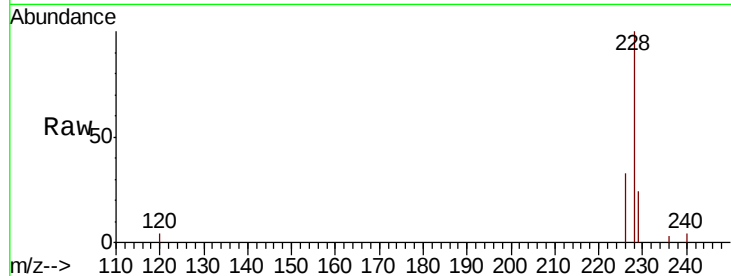
ClientSampleId :

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Tot Ion:	228	Resp:	5418
Ion Ratio	Lower	Upper	
228	100		
226	32.6	24.9	37.3
229	23.6	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 0.361 ng/ul m

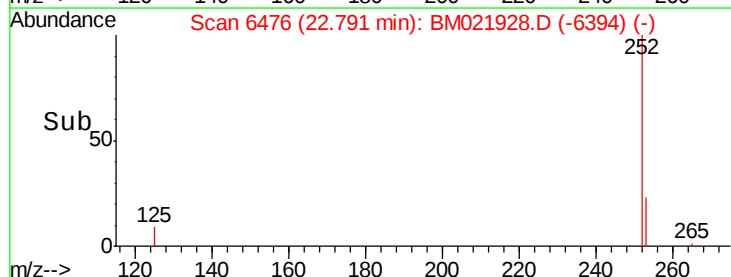
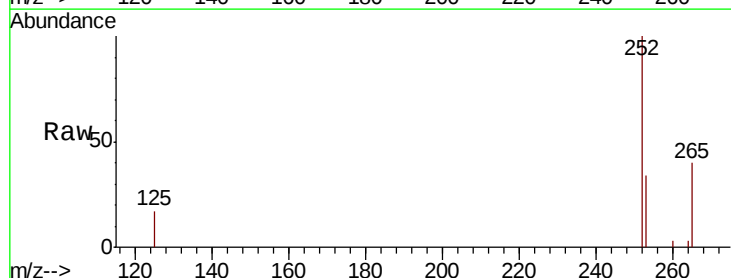
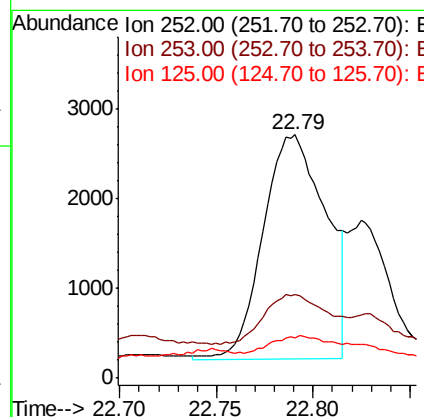
RT: 22.79 min Scan# 6476

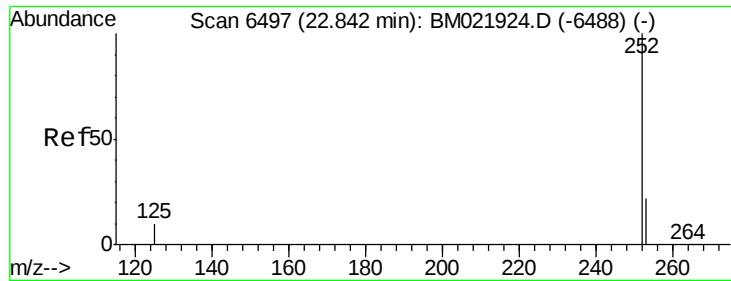
Delta R.T. -0.00 min

Lab File: BM021928.D

Acq: 08 Aug 2019 11:54

Tgt Ion:	252	Resp:	5683
Ion Ratio	Lower	Upper	
252	100		
253	34.3	0.0	67.4
125	16.7	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.121 ng/ul m

RT: 22.82 min Scan# 6490

Delta R.T. -0.01 min

Lab File: BM021928.D

Acq: 08 Aug 2019 11:54

Instrument :

BNA_M

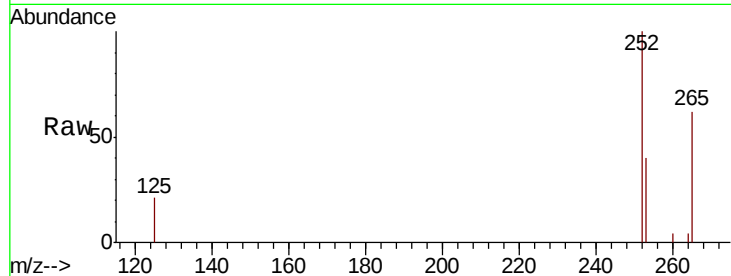
ClientSampleId :

BENY6DL

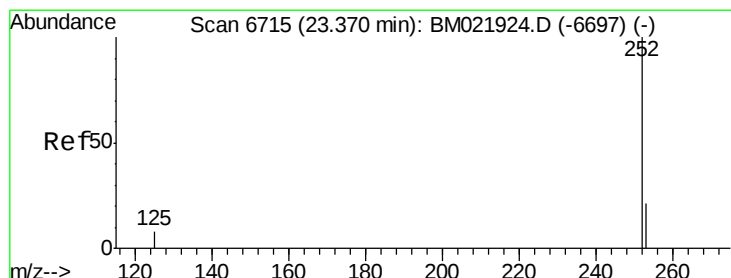
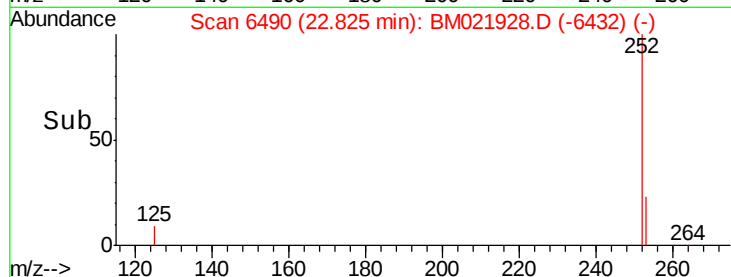
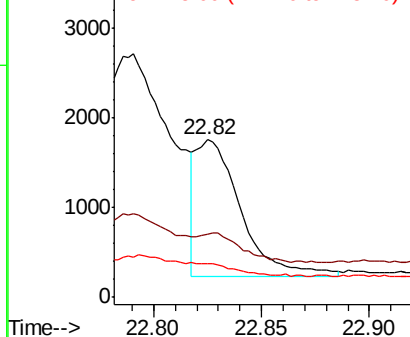
Tot Ion:	252	Resp:	2162
Ion Ratio	Lower	Upper	
252	100		
253	40.5	27.0	40.4#
125	21.1	12.2	18.2#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.250 ng/ul

RT: 23.35 min Scan# 6707

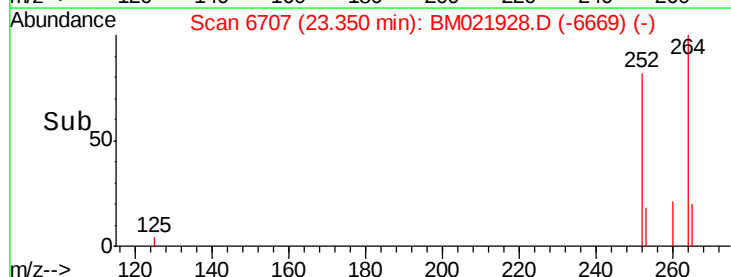
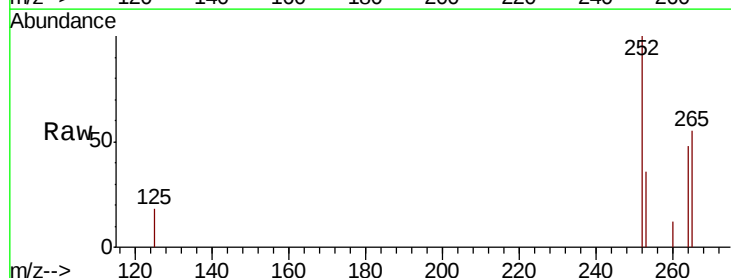
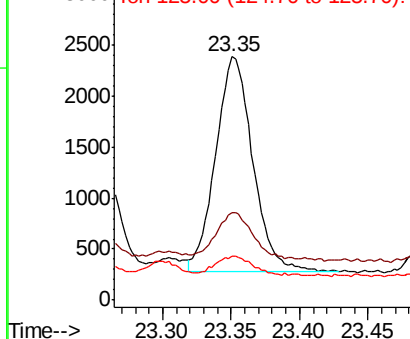
Delta R.T. -0.01 min

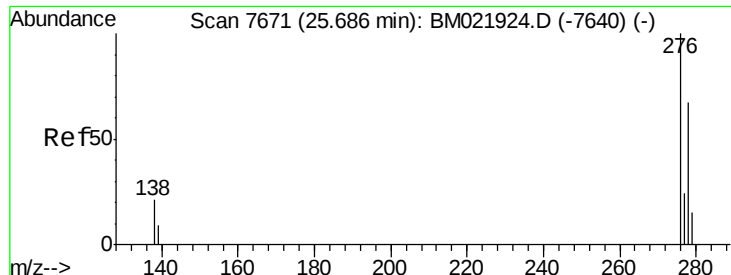
Lab File: BM021928.D

Acq: 08 Aug 2019 11:54

Tgt Ion:	252	Resp:	4011
Ion Ratio	Lower	Upper	
252	100		
253	35.8	31.7	47.5
125	17.9	14.6	21.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





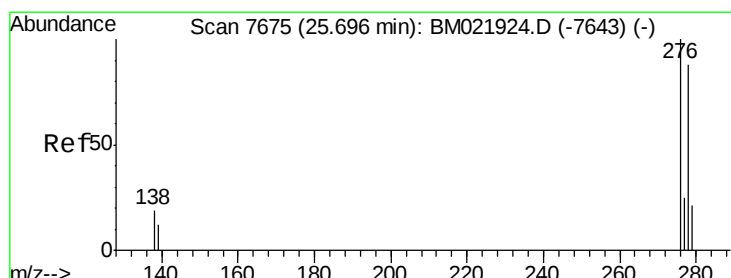
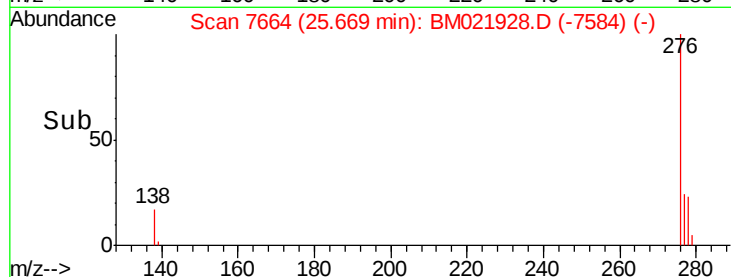
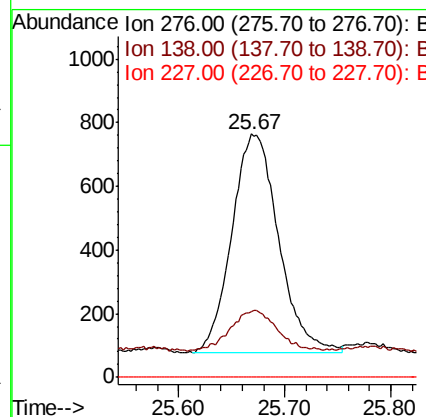
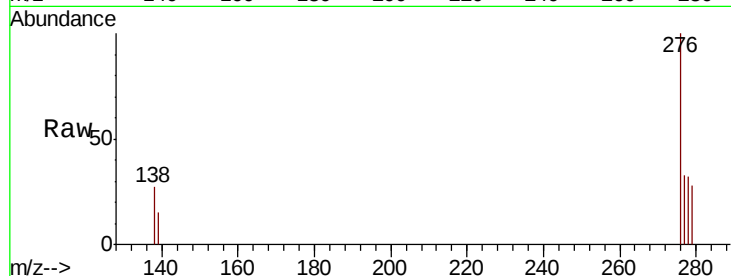
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng/ul
RT: 25.67 min Scan# 7664
Delta R.T. -0.01 min
Lab File: BM021928.D
Acq: 08 Aug 2019 11:54

Instrument :
BNA_M
ClientSampled :
BENY6DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	2065		
138	19.0		15.1	22.7
227	0.0		0.0	0.0

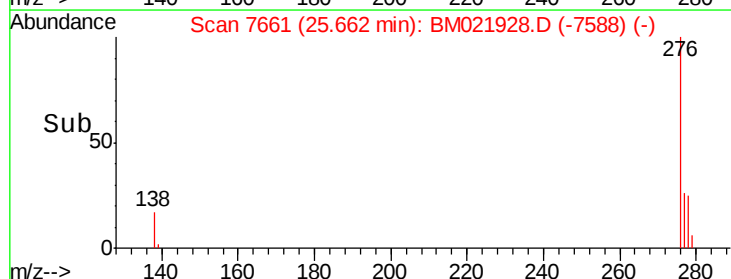
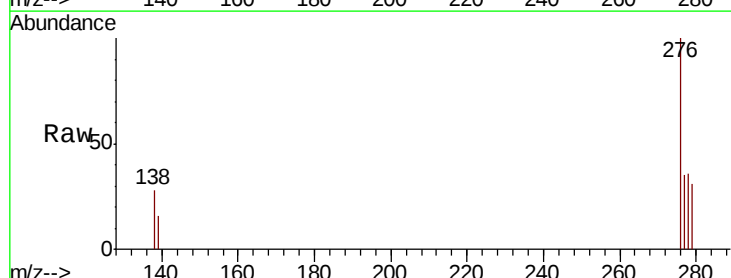
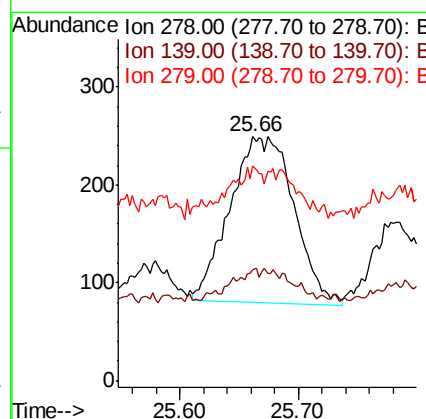
Manual Integrations
APPROVED

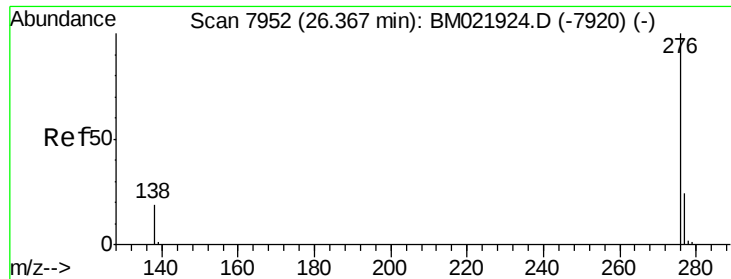
mohammad
8/9/2019 6:12:22 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 25.66 min Scan# 7661
Delta R.T. -0.02 min
Lab File: BM021928.D
Acq: 08 Aug 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	638		
139	45.8		14.2	21.2#
279	88.0		28.3	42.5#





#26
 Benzo(a,h,i)perylene
 Concen: 0.090 ng/uL
 RT: 26.35 min Scan# 7947
 Delta R.T. -0.00 min
 Lab File: BM021928.D
 Acq: 08 Aug 2019 11:54

Instrument :
 BNA_M
 ClientSampleId :
 BENY6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	15.5	23.3#
277	33.6	21.4	32.2#

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:12:22 AM

