

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021942.D
 Acq On : 08 Aug 2019 20:33
 Operator : HP/JU
 Sample : K4028-13DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3DL

Manual Integrations
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Quant Time: Aug 09 04:05:14 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	918	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3973	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	2183	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4765	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	4600	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6169	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	201	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.07	212	522	0.03	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.00	152	441	0.043	ng/ul#	71
8) Acenaphthene	14.34	153	220	0.026	ng/ul#	93
9) Fluorene	15.34	166	238	0.026	ng/ul#	90
12) Phenanthrene	17.07	178	4888	0.353	ng/ul	99
13) Anthracene	17.17	178	998	0.084	ng/ul#	86
15) Fluoranthene	19.10	202	12304	0.662	ng/ul	99
17) Pyrene	19.46	202	12256	0.648	ng/ul	98
18) Benzo(a)anthracene	21.22	228	6523	0.396	ng/ul	98
19) Chrysene	21.27	228	6261	0.296	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	8930m	0.429	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	2534m	0.108	ng/ul	
23) Benzo(a)pyrene	23.35	252	5992	0.283	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.67	276	4271	0.169	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.67	278	991	0.049	ng/ul#	53
26) Benzo(g,h,i)perylene	26.35	276	4244	0.187	ng/ul#	94

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

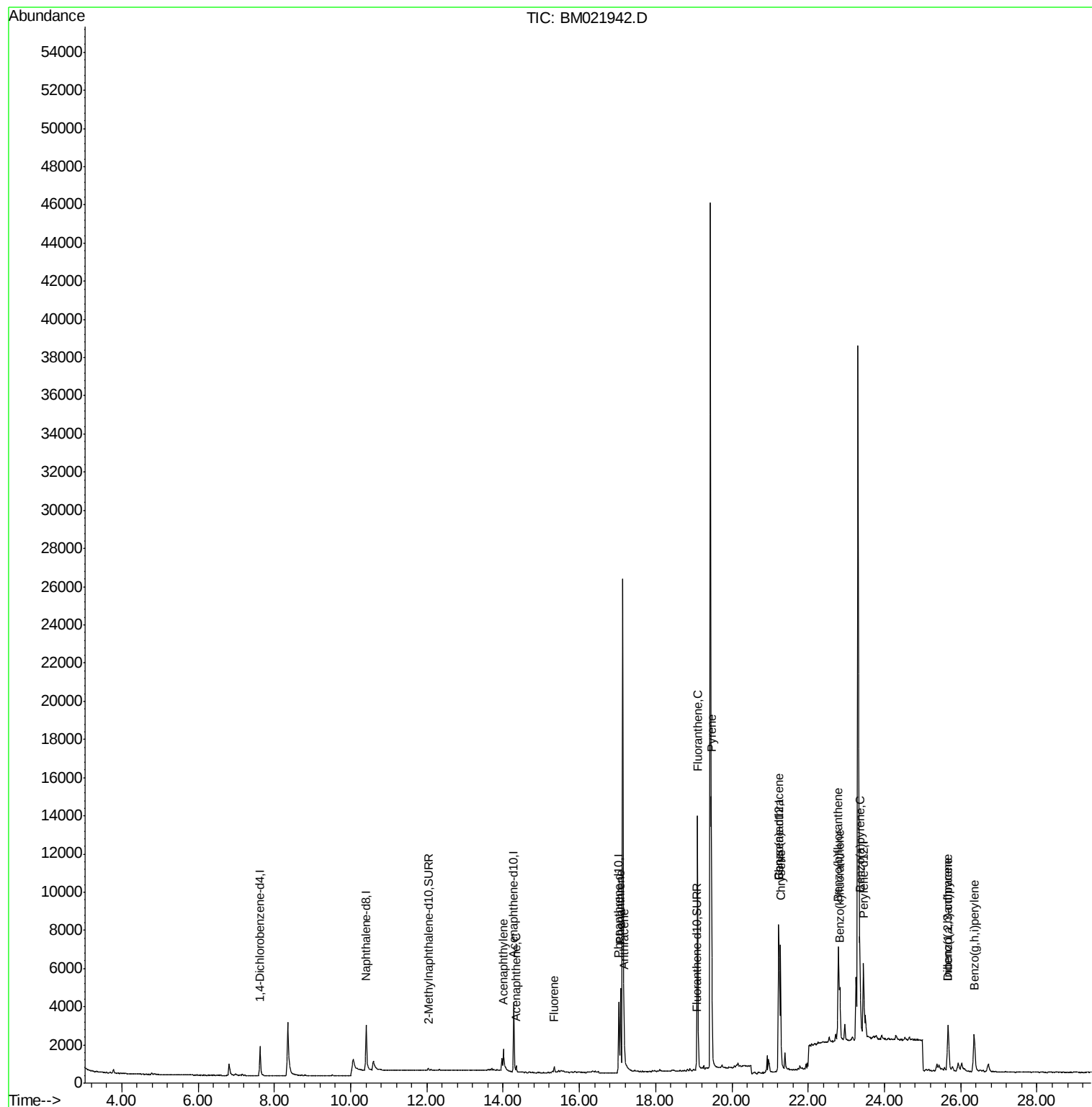
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
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ALS Vial : 4 Sample Multiplier: 1

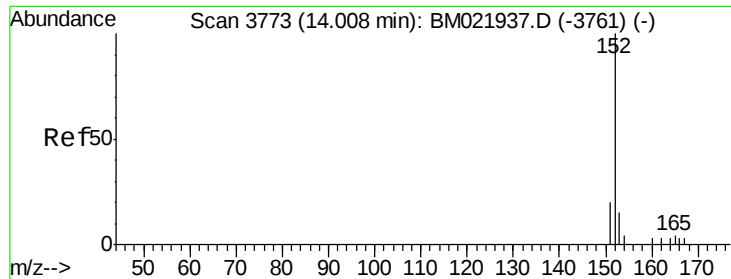
Instrument :
BNA_M
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BENZ3DL

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Quant Time: Aug 09 04:05:14 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





#7

Acenaphthylene

Concen: 0.043 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021942.D

Acq: 08 Aug 2019 20:33

Instrument :

BNA_M

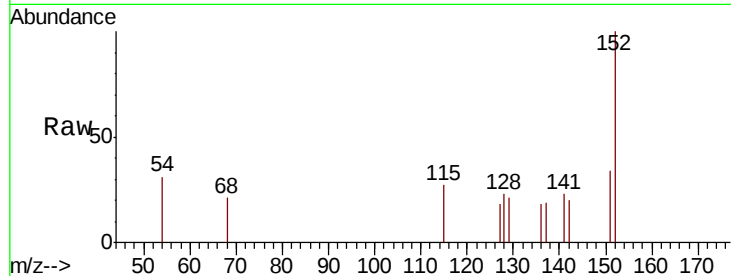
ClientSampleId :

BENZ3DL

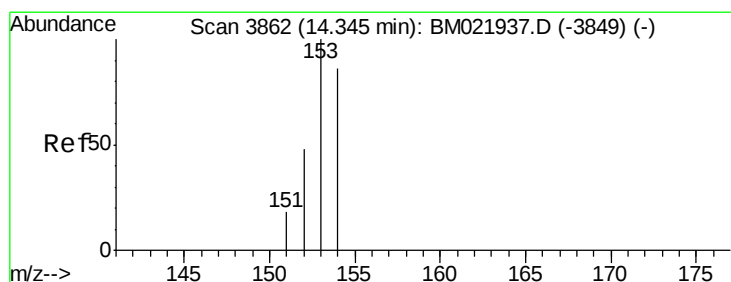
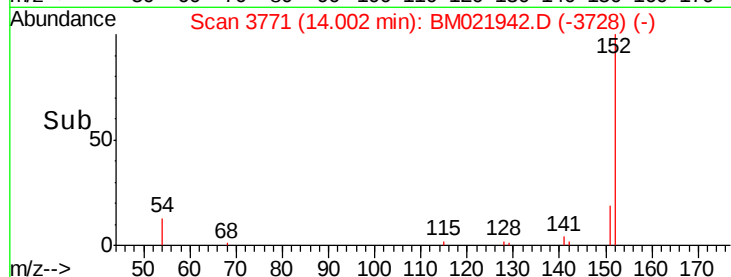
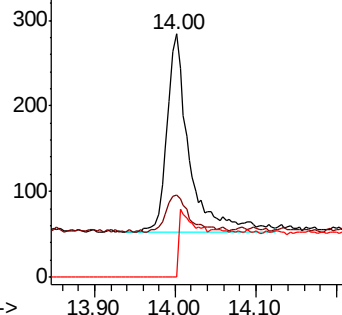
Tot Ion:	152	Resp:	441
Ion Ratio	Lower	Upper	
152	100		
151	33.8	18.3	27.5#
153	0.0	12.8	19.2#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.026 ng/ul

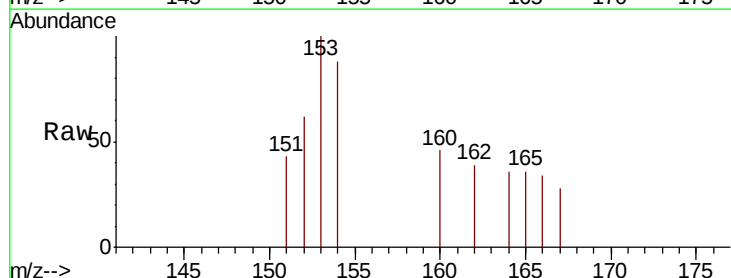
RT: 14.34 min Scan# 3860

Delta R.T. -0.01 min

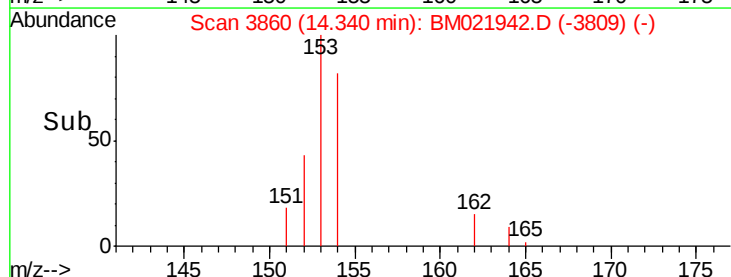
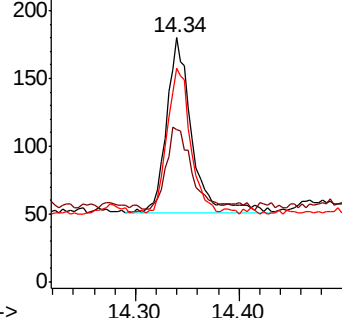
Lab File: BM021942.D

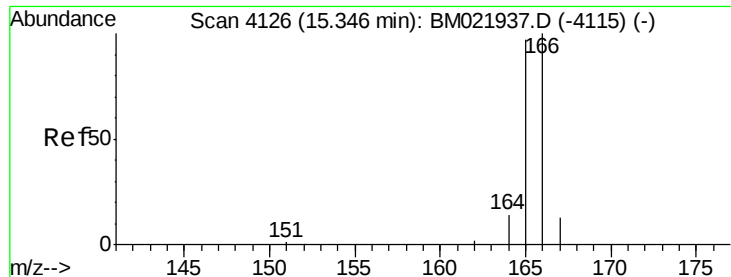
Acq: 08 Aug 2019 20:33

Tgt Ion:	153	Resp:	220
Ion Ratio	Lower	Upper	
153	100		
152	62.2	41.3	61.9#
154	87.8	72.3	108.5



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.026 ng/ul

RT: 15.34 min Scan# 4124

Delta R.T. -0.01 min

Lab File: BM021942.D

Acq: 08 Aug 2019 20:33

Instrument :

BNA_M

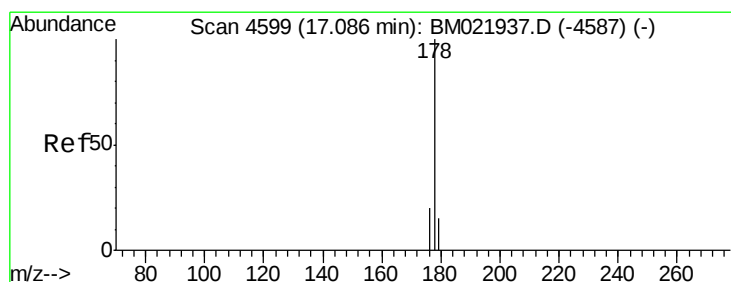
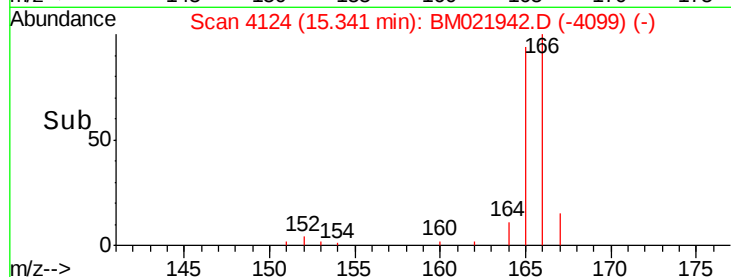
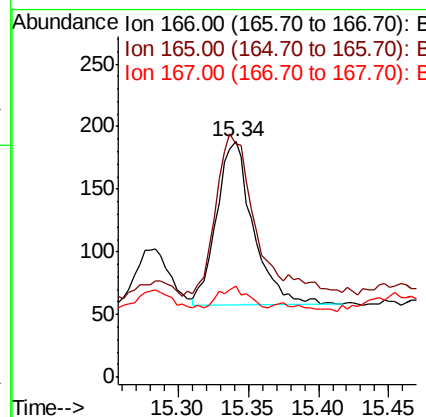
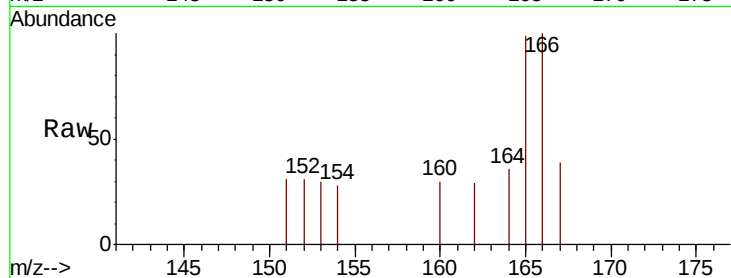
ClientSampleId :

BENZ3DL

Tot Ion:	166	Resp:	238
Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.4	122.0
167	38.8	13.7	20.5#

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#12

Phenanthrene

Concen: 0.353 ng/ul

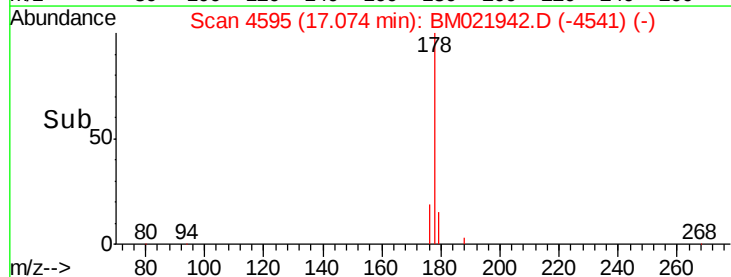
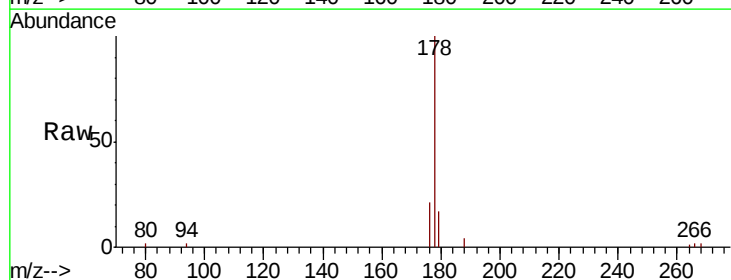
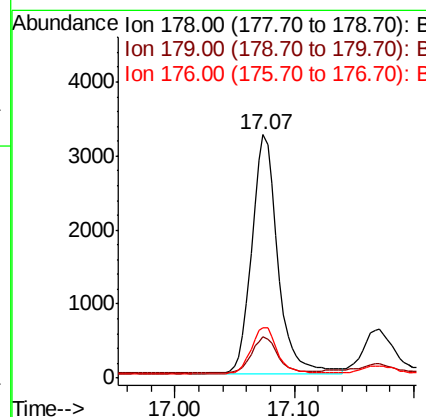
RT: 17.07 min Scan# 4595

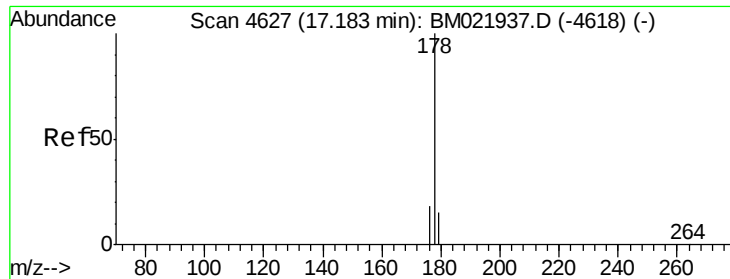
Delta R.T. -0.01 min

Lab File: BM021942.D

Acq: 08 Aug 2019 20:33

Tgt Ion:	178	Resp:	4888
Ion	Ratio	Lower	Upper
178	100		
179	17.1	14.2	21.2
176	20.8	16.8	25.2





#13

Anthracene

Concen: 0.084 ng/ul

RT: 17.17 min Scan# 4623

Delta R.T. -0.01 min

Lab File: BM021942.D

Acq: 08 Aug 2019 20:33

Instrument :

BNA_M

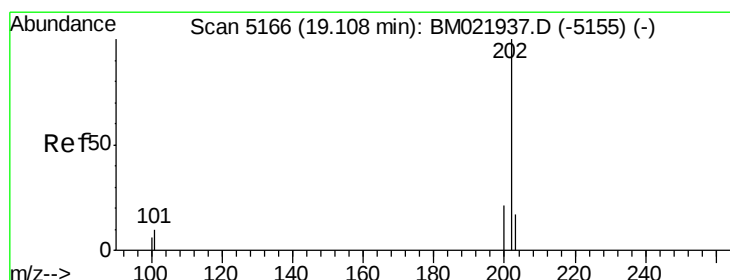
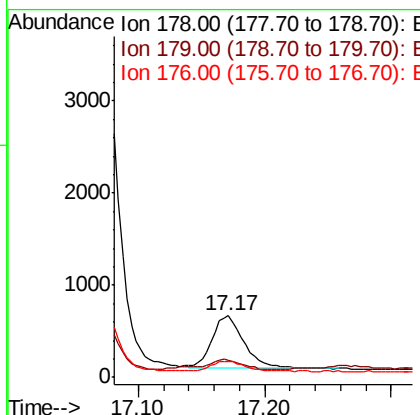
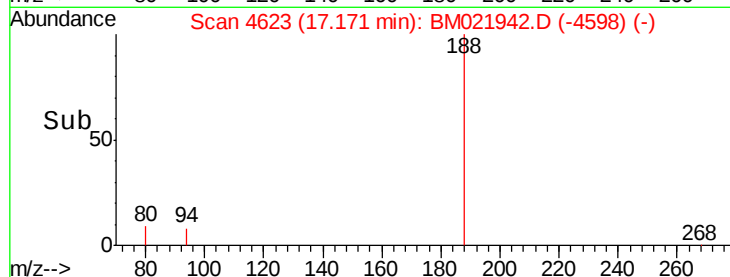
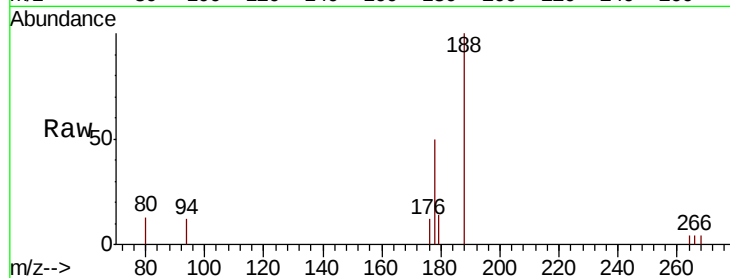
ClientSampleId :

BENZ3DL

Tot Ion:	178	Resp:	998
Ion Ratio	Lower	Upper	
178	100		
179	28.5	15.5	23.3#
176	24.9	16.6	25.0

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#15

Fluoranthene

Concen: 0.662 ng/ul

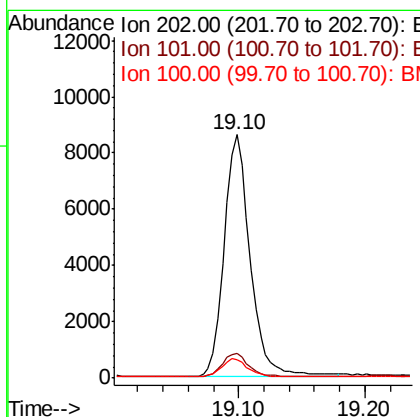
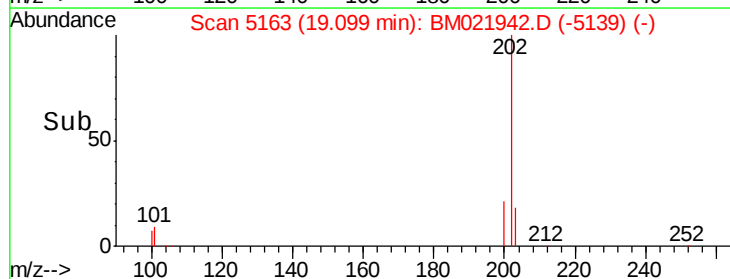
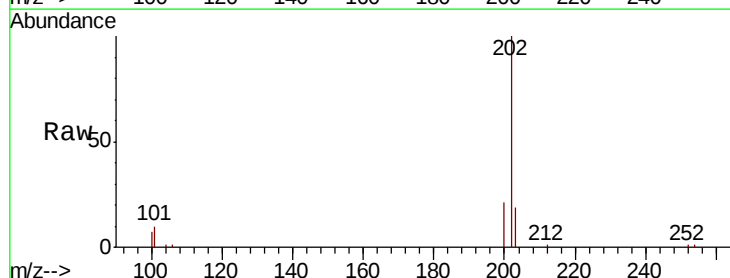
RT: 19.10 min Scan# 5163

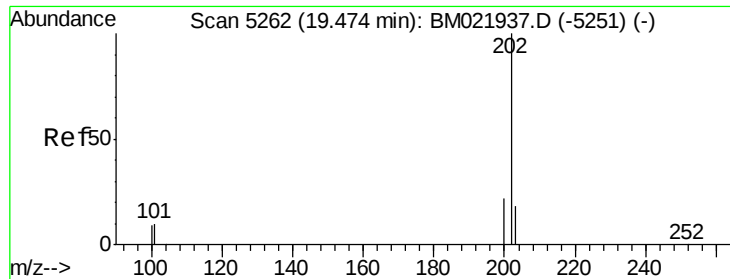
Delta R.T. -0.01 min

Lab File: BM021942.D

Acq: 08 Aug 2019 20:33

Tgt Ion:	202	Resp:	12304
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.2
100	7.4	0.0	28.1





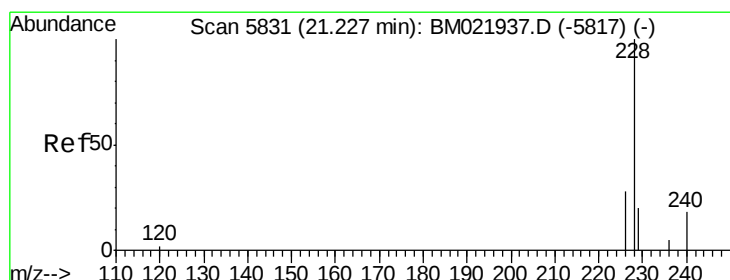
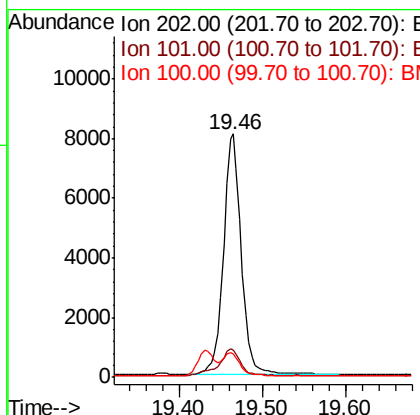
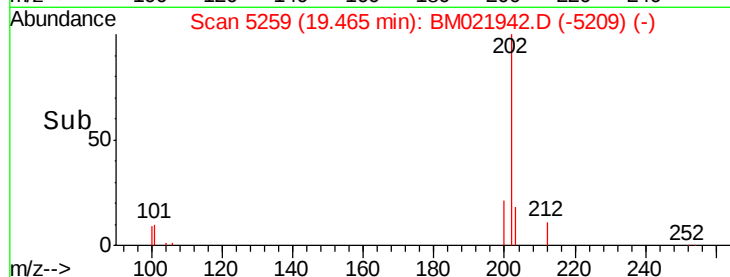
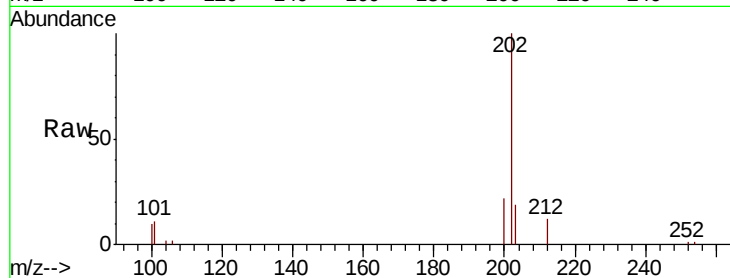
#17
Pvrene
Concen: 0.648 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM021942.D
Acq: 08 Aug 2019 20:33

Instrument :
BNA_M
ClientSampleId :
BENZ3DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.0	8.3	12.5
100	9.5	7.2	10.8

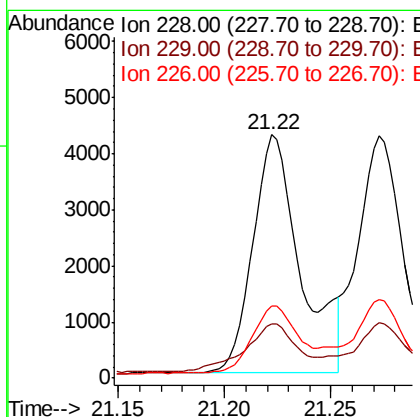
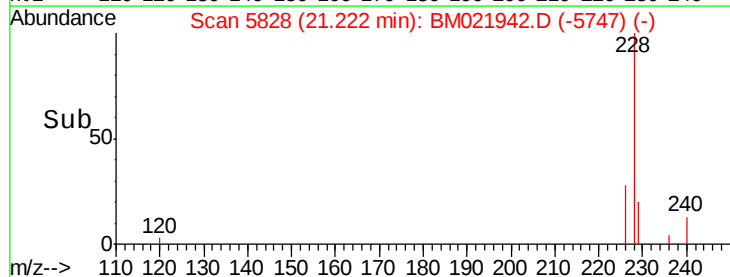
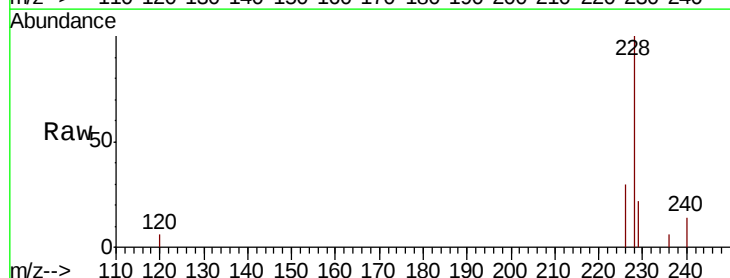
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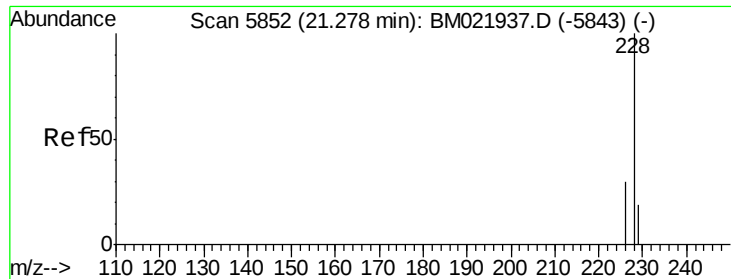
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#18
Benzo(a)anthracene
Concen: 0.396 ng/ul
RT: 21.22 min Scan# 5828
Delta R.T. -0.00 min
Lab File: BM021942.D
Acq: 08 Aug 2019 20:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.0	17.2	25.8
226	29.6	22.6	34.0





#19

Chrysene

Concen: 0.296 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. -0.00 min

Lab File: BM021942.D

Acq: 08 Aug 2019 20:33

Instrument :

BNA_M

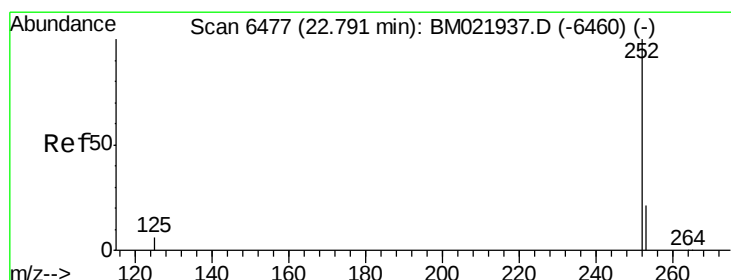
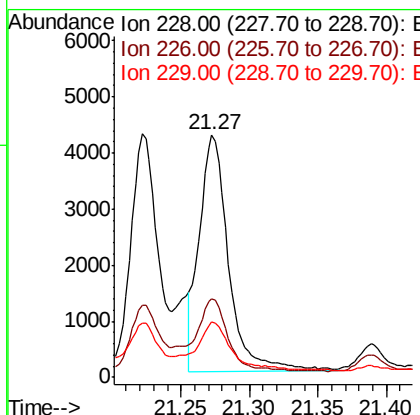
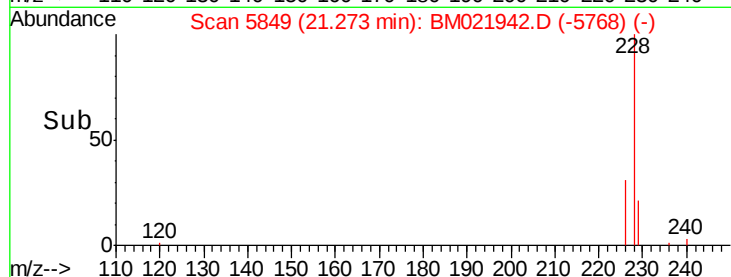
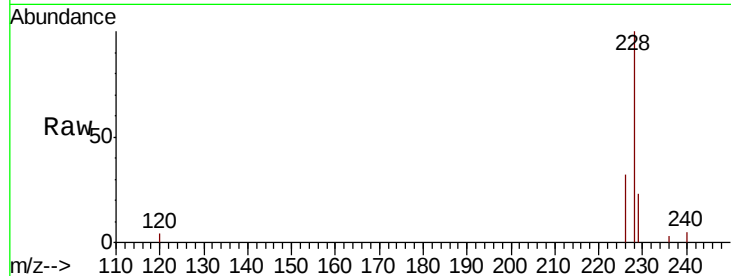
ClientSampleId :

BENZ3DL

Tot Ion:228	Resp:	6261
Ion Ratio	Lower	Upper
228 100		
226 32.1	24.9	37.3
229 22.6	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 0.429 ng/ul m

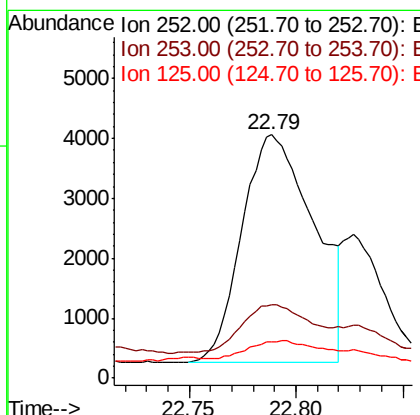
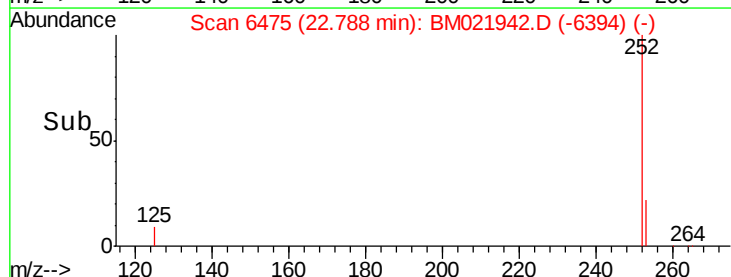
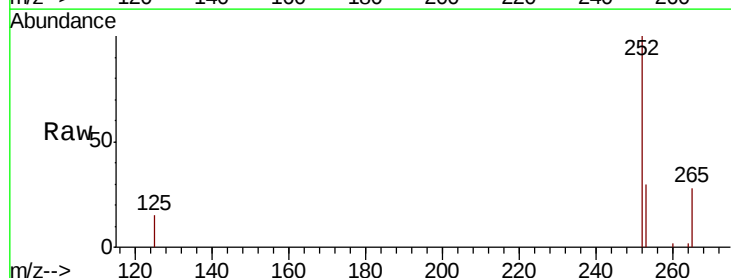
RT: 22.79 min Scan# 6475

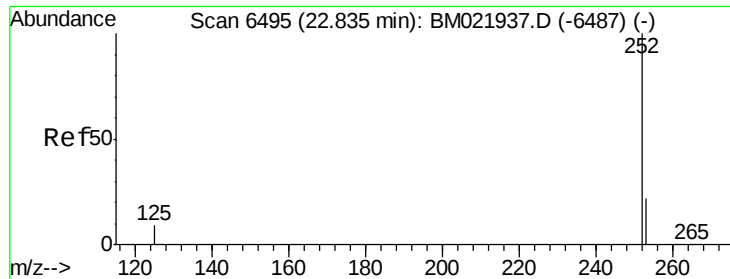
Delta R.T. -0.00 min

Lab File: BM021942.D

Acq: 08 Aug 2019 20:33

Tgt Ion:252	Resp:	8930
Ion Ratio	Lower	Upper
252 100		
253 29.9	0.0	67.4
125 14.7	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.108 ng/ul

RT: 22.83 min Scan# 6491

Delta R.T. -0.01 min

Lab File: BM021942.D

Acq: 08 Aug 2019 20:33

Instrument :

BNA_M

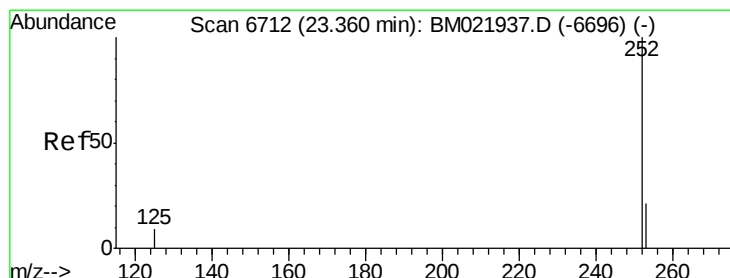
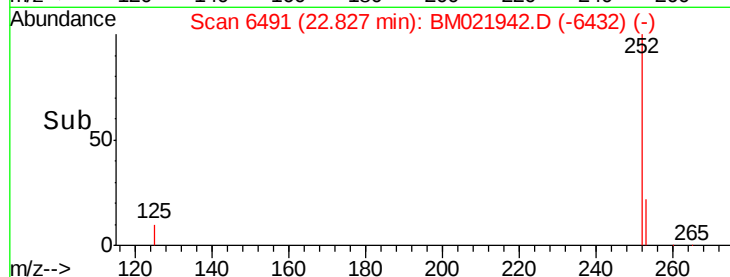
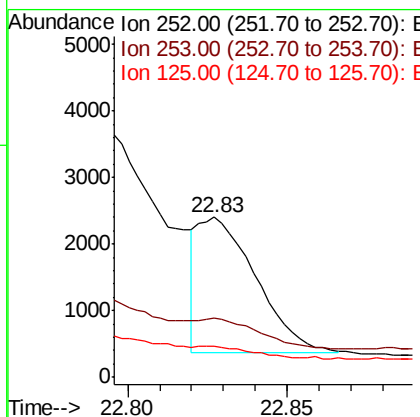
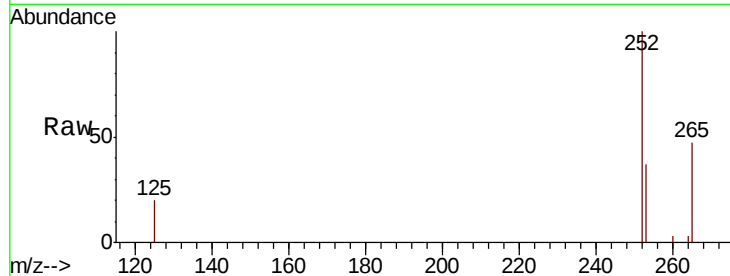
ClientSampled :

BENZ3DL

Tot Ion:	252	Resp:	2534
Ion Ratio	Lower	Upper	
252	100		
253	36.9	27.0	40.4
125	19.6	12.2	18.2

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#23

Benzo(a)pyrene

Concen: 0.283 ng/ul

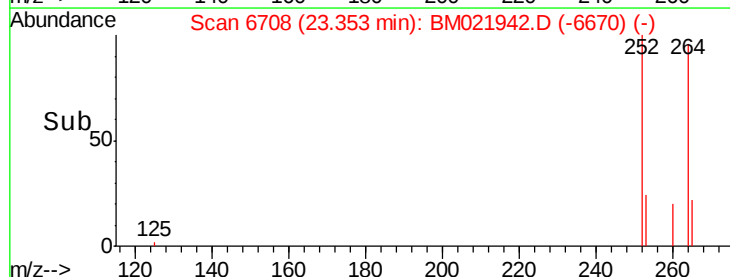
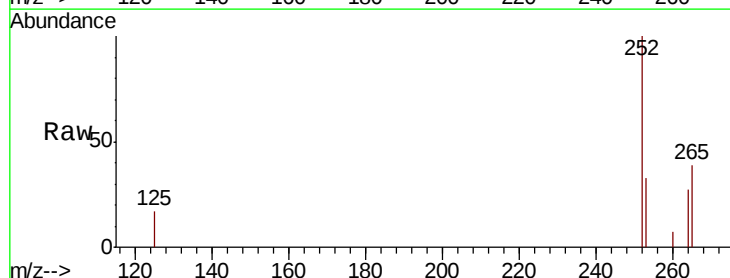
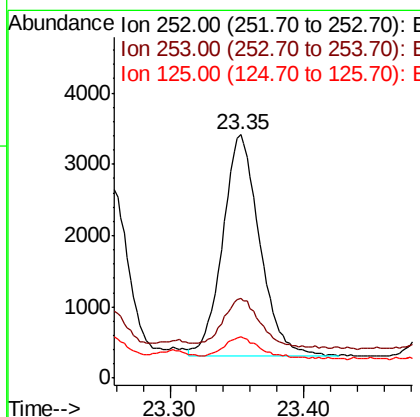
RT: 23.35 min Scan# 6708

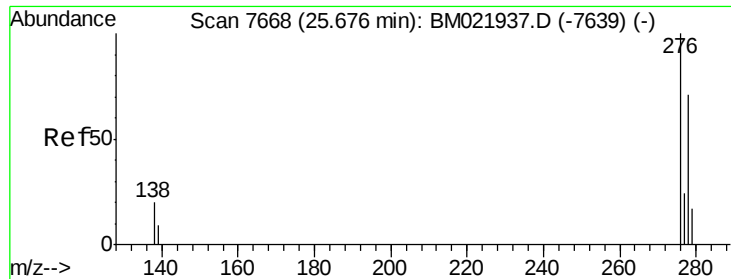
Delta R.T. -0.01 min

Lab File: BM021942.D

Acq: 08 Aug 2019 20:33

Tgt Ion:	252	Resp:	5992
Ion Ratio	Lower	Upper	
252	100		
253	32.7	31.7	47.5
125	16.8	14.6	21.8





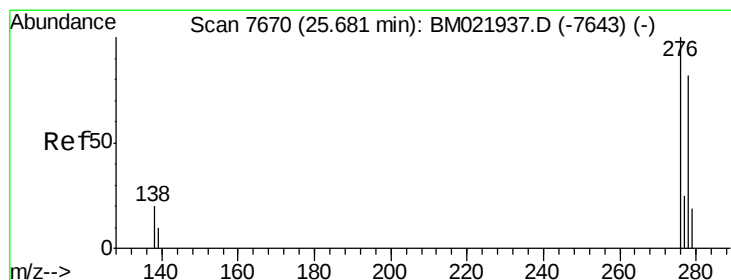
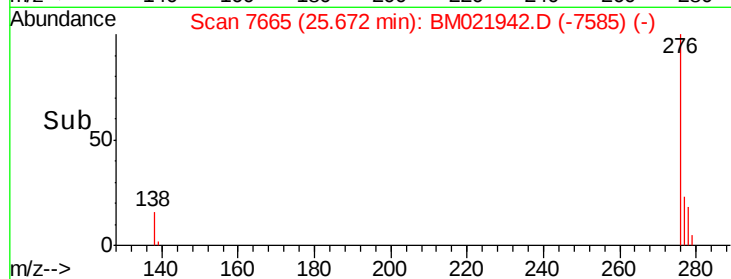
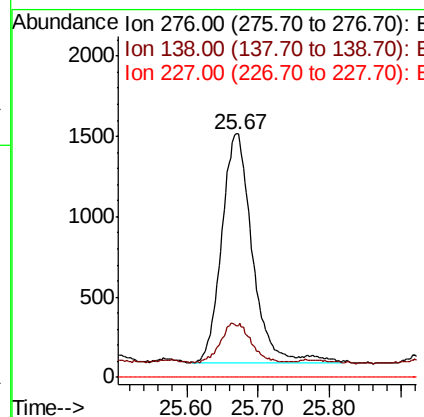
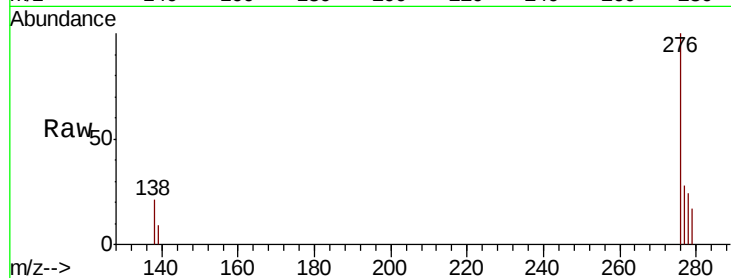
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.169 ng/uL
RT: 25.67 min Scan# 7665
Delta R.T. -0.00 min
Lab File: BM021942.D
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Instrument :
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BENZ3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.1	22.7
227	0.0	0.0	0.0

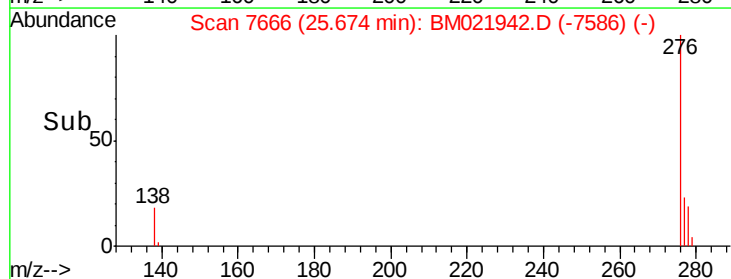
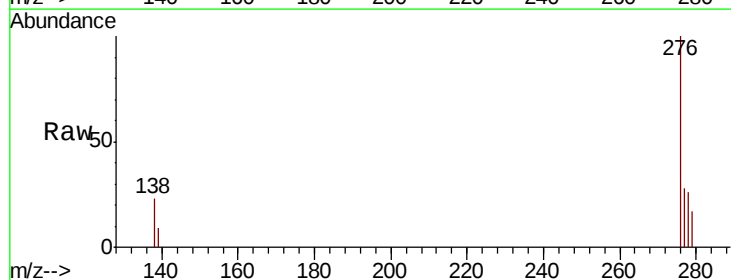
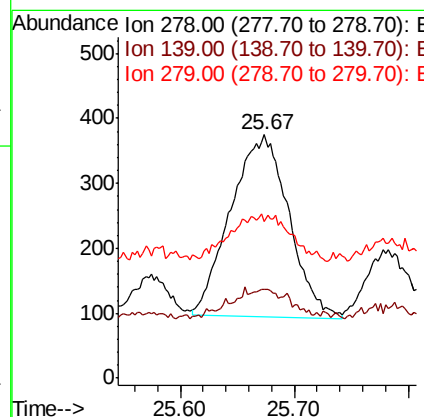
Manual Integrations
APPROVED

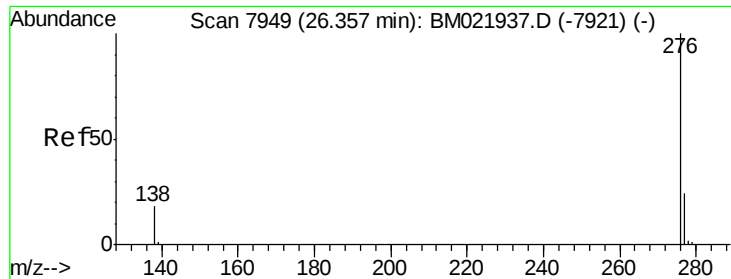
mohammad
8/9/2019 6:13:26 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.049 ng/uL
RT: 25.67 min Scan# 7666
Delta R.T. -0.01 min
Lab File: BM021942.D
Acq: 08 Aug 2019 20:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.3	14.2	21.2#
279	64.3	28.3	42.5#





#26
Benzo(a,h,i)perylene
Concen: 0.187 ng/ul
RT: 26.35 min Scan# 7945
Delta R.T. -0.01 min
Lab File: BM021942.D
Acq: 08 Aug 2019 20:33

Instrument :
BNA_M
ClientSampleId :
BENZ3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	15.5	23.3#
277	28.3	21.4	32.2

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