

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM021970.D
 Acq On : 09 Aug 2019 14:48
 Operator : HP/JU
 Sample : K4028-18DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENR5DL

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:33:43 AM

Quant Time: Aug 10 06:23:04 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	912	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3959	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	2196	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4849	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4913	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	6484	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	310	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	755	0.05	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	378	0.034	ng/ul#	63
5) 2-Methylnaphthalene	12.09	142	204	0.027	ng/ul	96
7) Acenaphthylene	14.00	152	816	0.080	ng/ul#	78
8) Acenaphthene	14.34	153	512	0.061	ng/ul	95
9) Fluorene	15.33	166	494	0.053	ng/ul#	91
12) Phenanthrene	17.07	178	10911	0.773	ng/ul	97
13) Anthracene	17.16	178	2582	0.215	ng/ul	99
15) Fluoranthene	19.09	202	25796	1.365	ng/ul	99
17) Pyrene	19.46	202	32590	1.614	ng/ul	98
18) Benzo(a)anthracene	21.21	228	18688	1.063	ng/ul	99
19) Chrysene	21.27	228	21217	0.939	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	21282m	0.973	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	7734m	0.313	ng/ul	
23) Benzo(a)pyrene	23.35	252	17951	0.807	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.65	276	10532	0.397	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.66	278	3047	0.142	ng/ul#	89
26) Benzo(g,h,i)perylene	26.33	276	11357	0.475	ng/ul	97

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

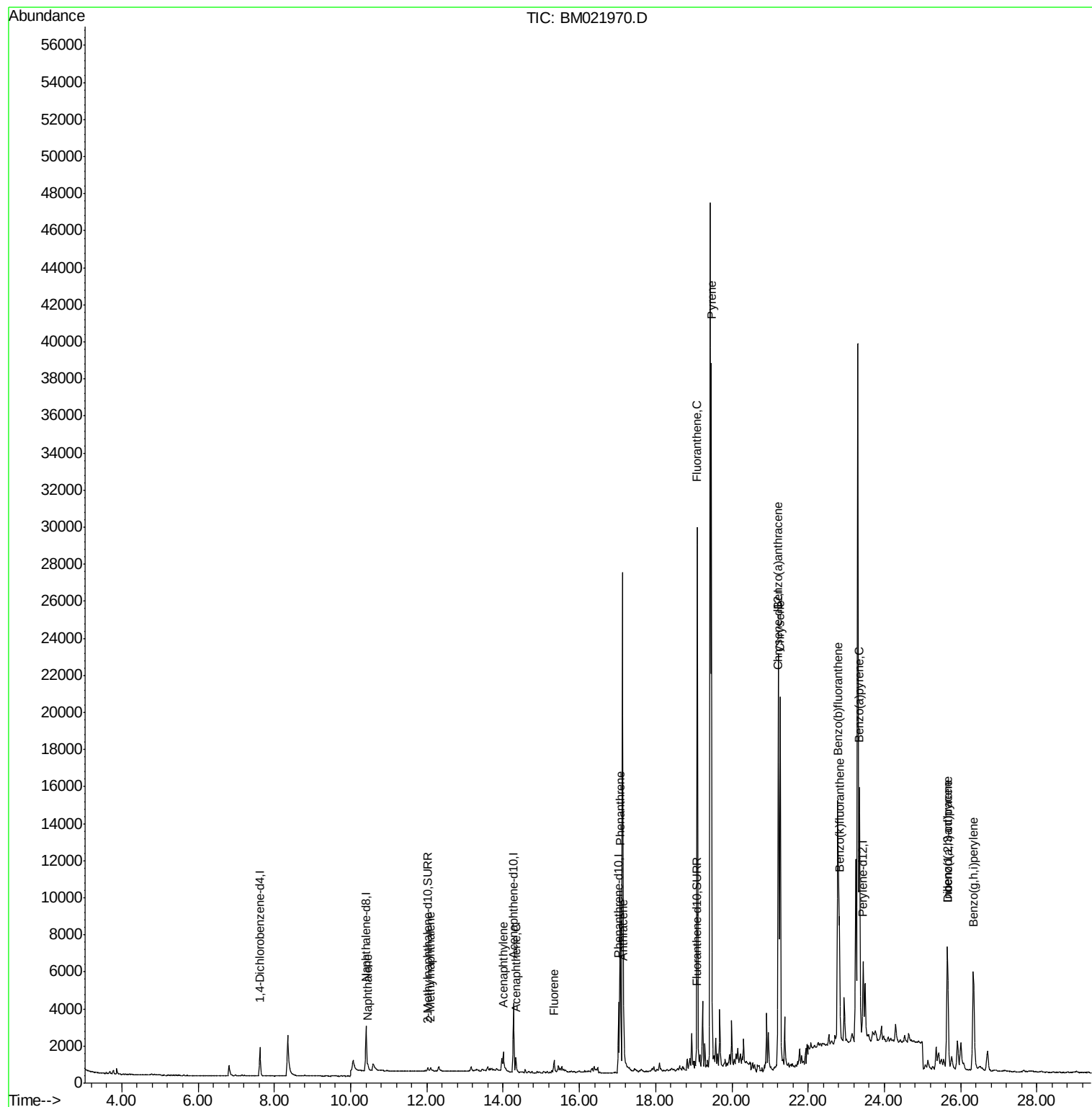
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM021970.D
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ALS Vial : 7 Sample Multiplier: 1

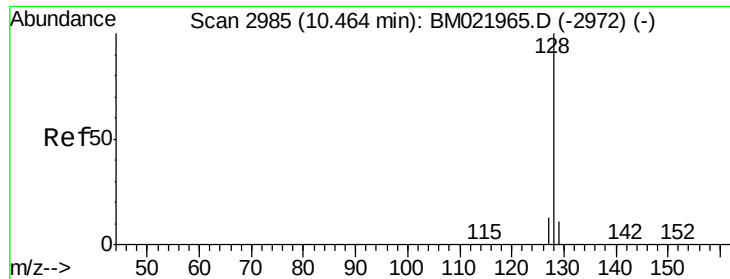
Instrument :
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Quant Time: Aug 10 06:23:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.034 ng/ul

RT: 10.46 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Instrument :

BNA_M

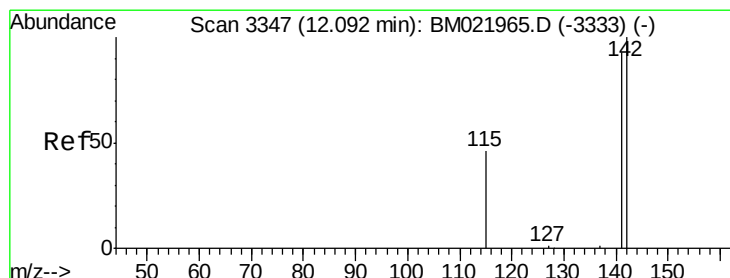
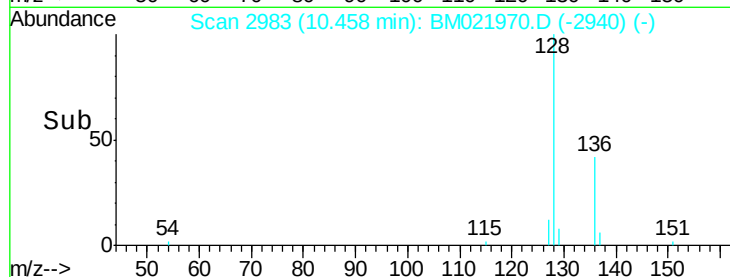
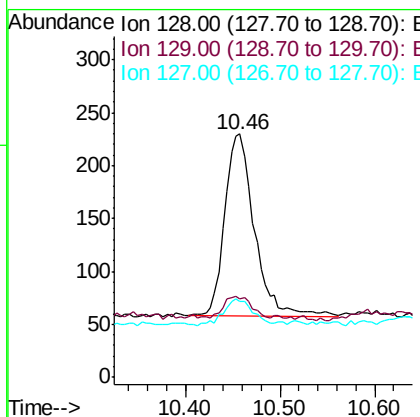
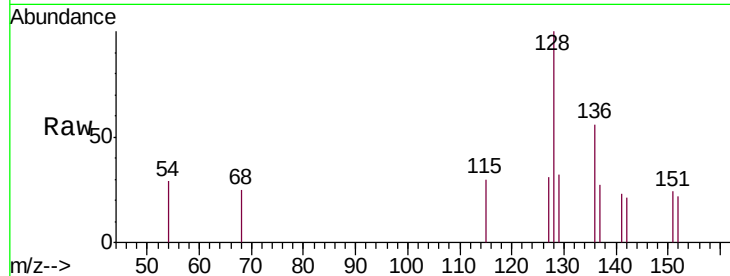
ClientSampleId :

BENR5DL

Tgt Ion:	128	Resp:	378
Ion Ratio	Lower	Upper	
128	100		
129	32.2	12.3	18.5#
127	31.3	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

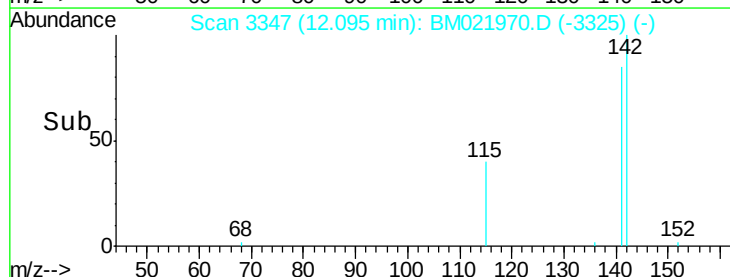
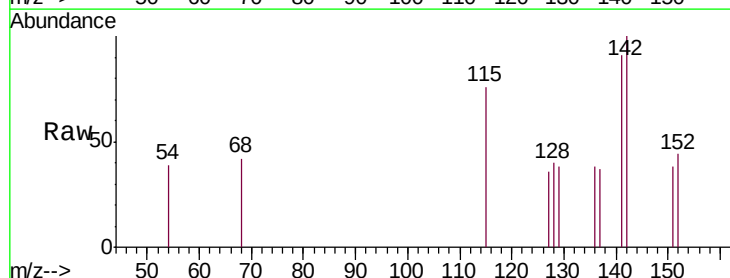
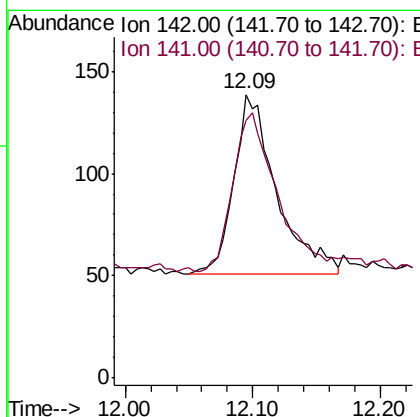
RT: 12.09 min Scan# 3347

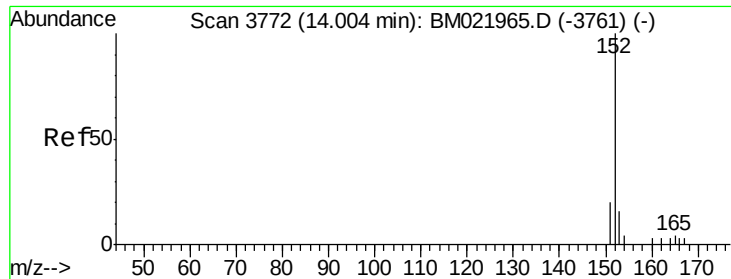
Delta R.T. -0.00 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Tgt Ion:	142	Resp:	204
Ion Ratio	Lower	Upper	
142	100		
141	97.1	74.3	111.5





#7

Acenaphthylene

Concen: 0.080 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Instrument :

BNA_M

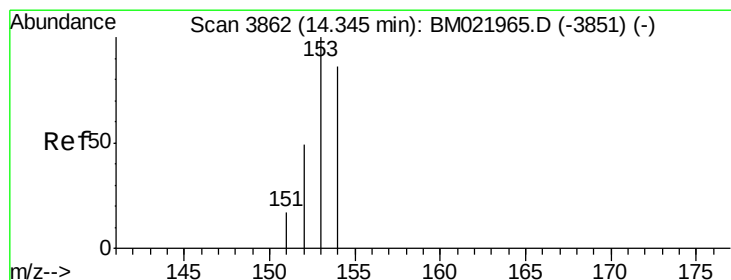
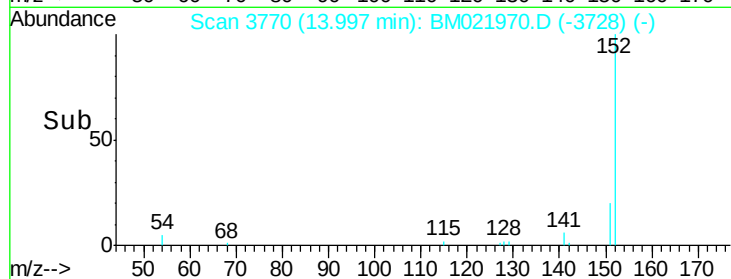
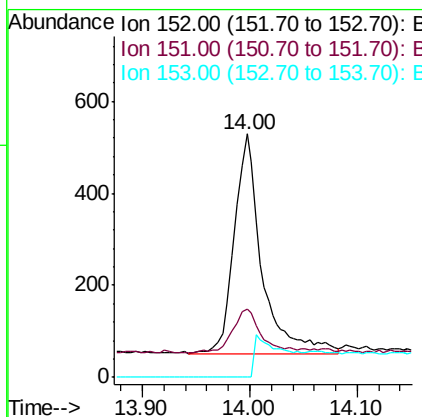
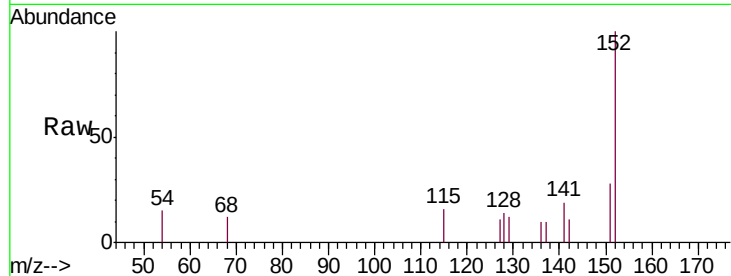
ClientSampleId :

BENR5DL

Tgt Ion:	152	Resp:	816
Ion Ratio	Lower	Upper	
152	100		
151	28.0	18.3	27.5#
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.061 ng/ul

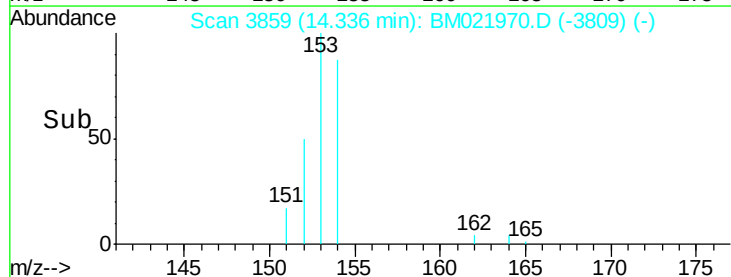
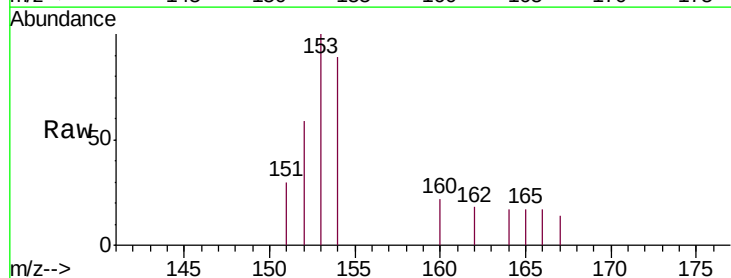
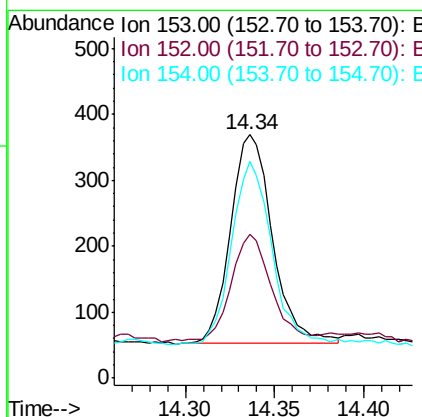
RT: 14.34 min Scan# 3859

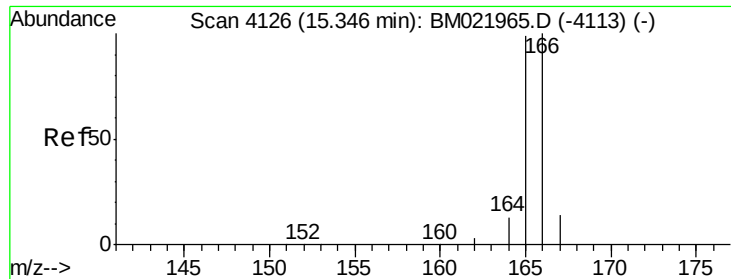
Delta R.T. -0.01 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Tgt Ion:	153	Resp:	512
Ion Ratio	Lower	Upper	
153	100		
152	59.3	41.3	61.9
154	89.2	72.3	108.5





#9

Fluorene

Concen: 0.053 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.01 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Instrument :

BNA_M

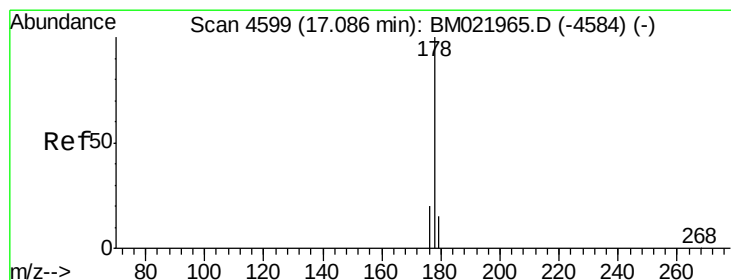
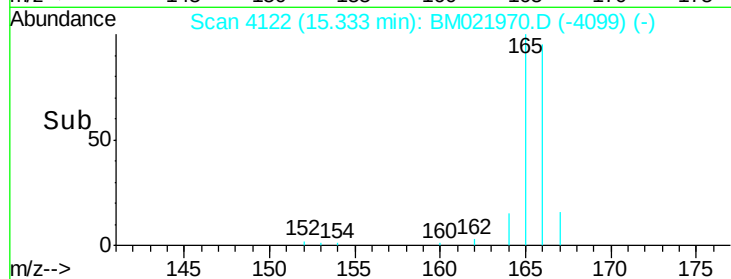
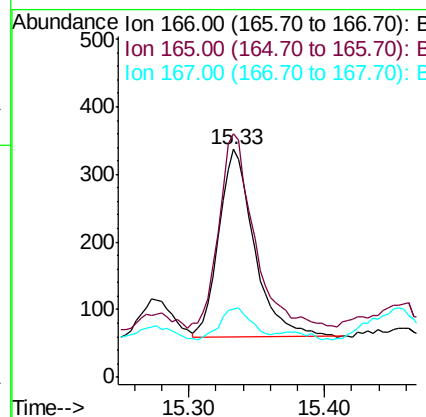
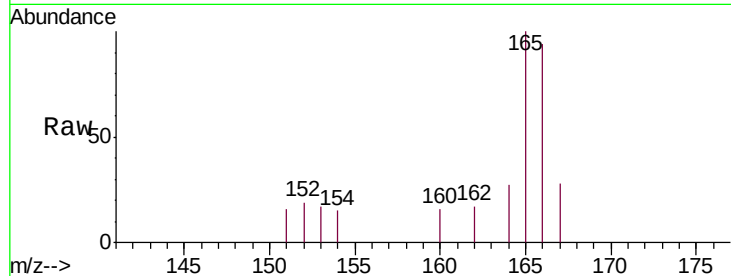
ClientSampleId :

BENR5DL

Tgt Ion:	166	Resp:	494
Ion Ratio	Lower	Upper	
166	100		
165	106.8	81.4	122.0
167	30.0	13.7	20.5#

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#12

Phenanthrene

Concen: 0.773 ng/ul

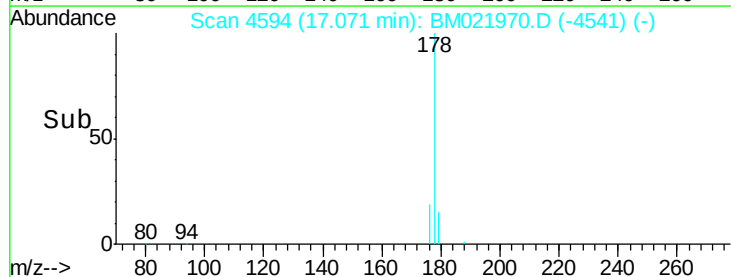
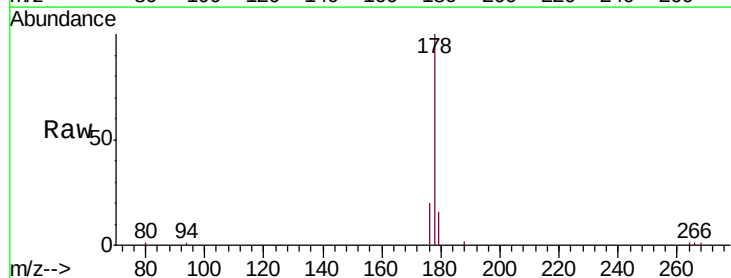
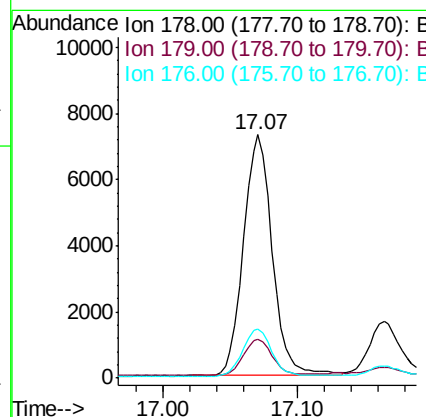
RT: 17.07 min Scan# 4594

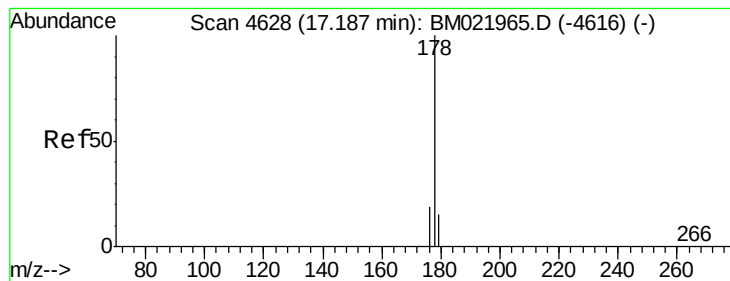
Delta R.T. -0.02 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Tgt Ion:	178	Resp:	10911
Ion Ratio	Lower	Upper	
178	100		
179	15.9	14.2	21.2
176	20.0	16.8	25.2





#13

Anthracene

Concen: 0.215 ng/ul

RT: 17.16 min Scan# 4621

Delta R.T. -0.02 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Instrument :

BNA_M

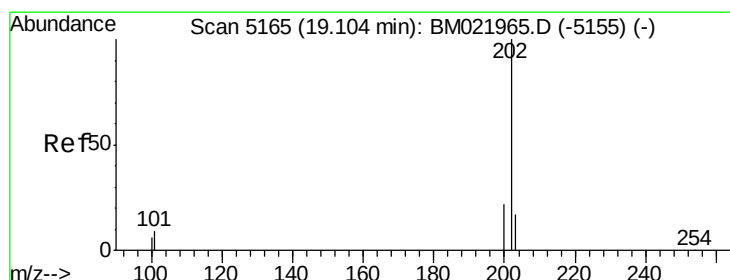
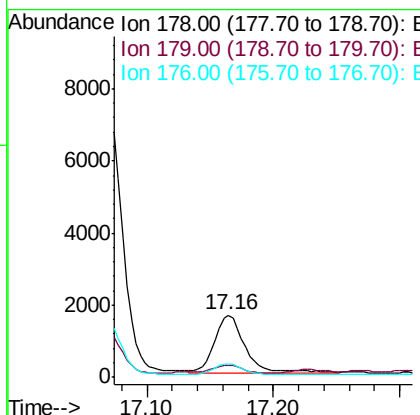
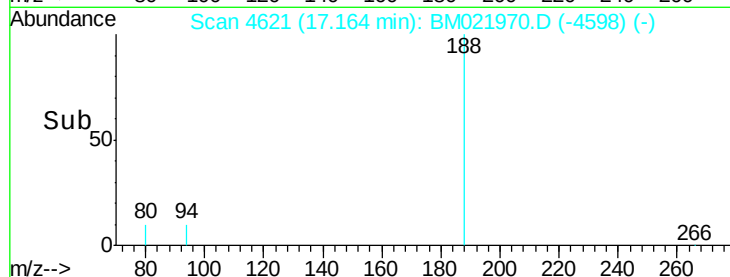
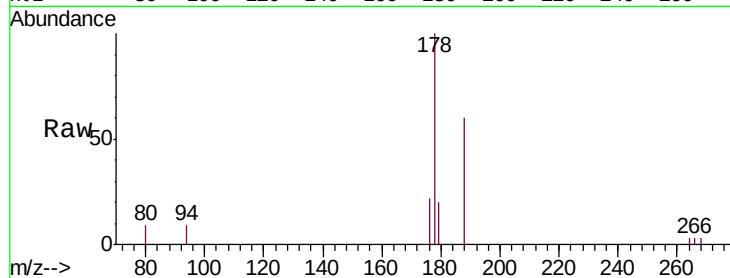
ClientSampleId :

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Tgt Ion:	178	Resp:	2582
Ion Ratio	Lower	Upper	
178	100		
179	19.7	15.5	23.3
176	21.6	16.6	25.0

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#15

Fluoranthene

Concen: 1.365 ng/ul

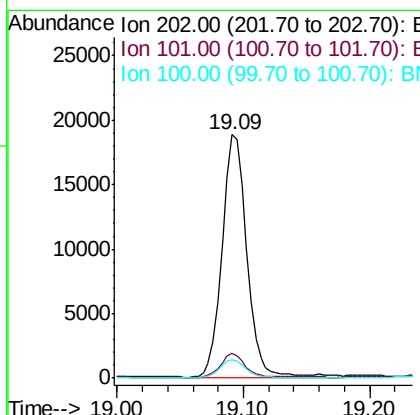
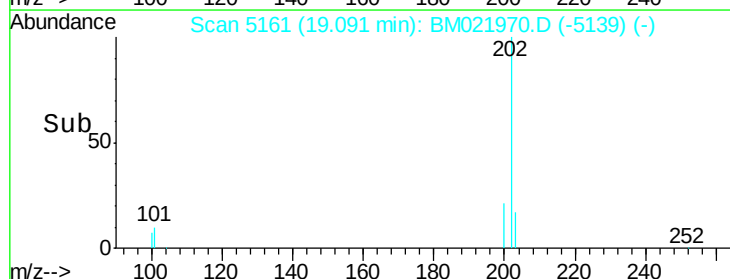
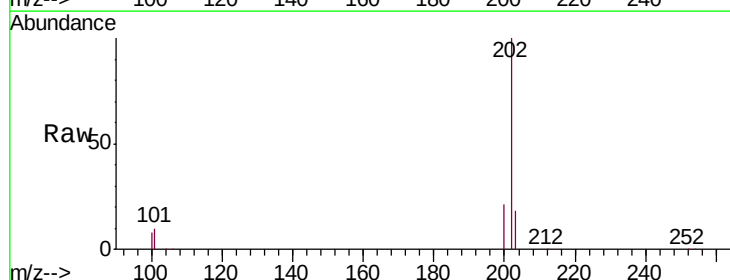
RT: 19.09 min Scan# 5161

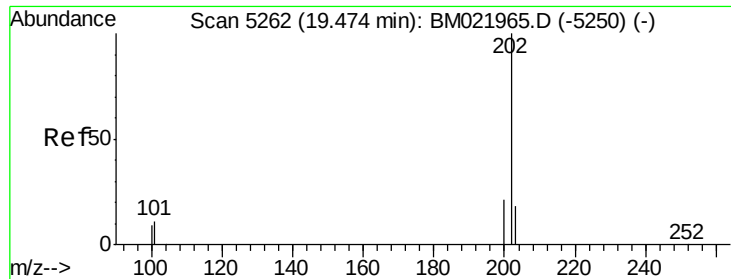
Delta R.T. -0.02 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Tgt Ion:	202	Resp:	25796
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.2
100	7.7	0.0	28.1





#17

Pyrene

Concen: 1.614 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. -0.02 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Instrument :

BNA_M

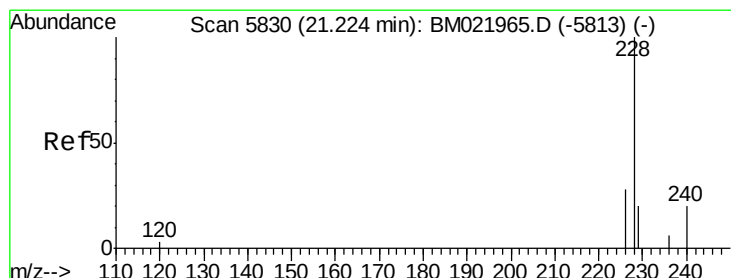
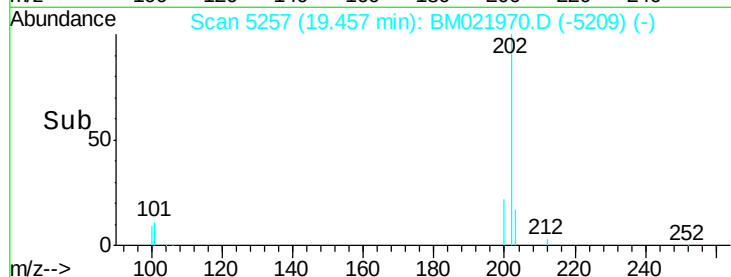
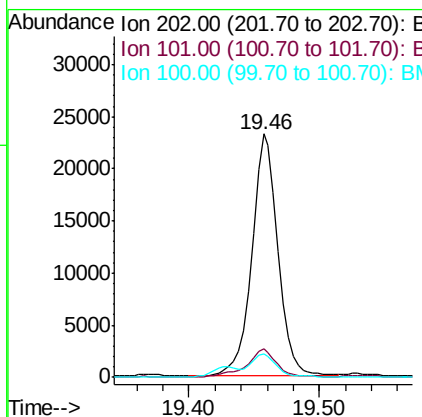
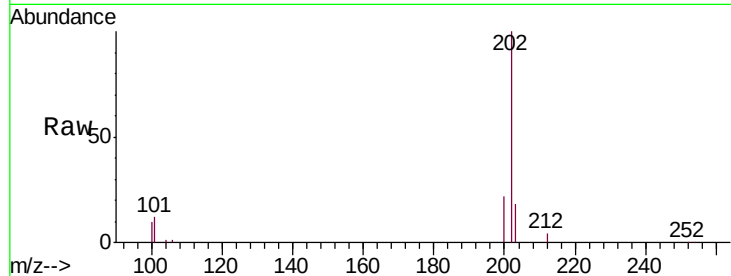
ClientSampleId :

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Tgt Ion:	202	Resp:	32590
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.3	12.5
100	9.6	7.2	10.8

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#18

Benzo(a)anthracene

Concen: 1.063 ng/ul

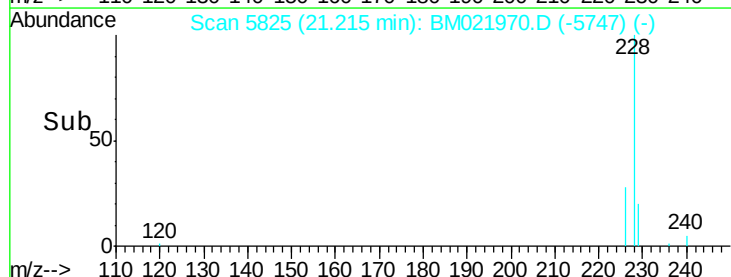
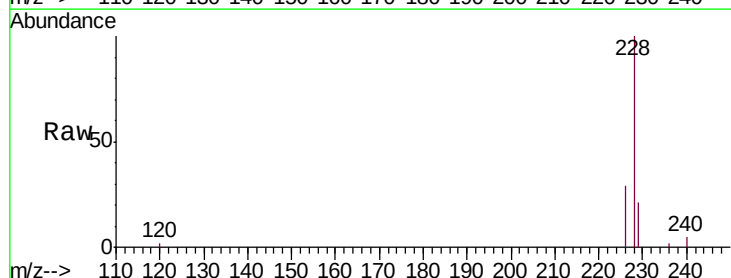
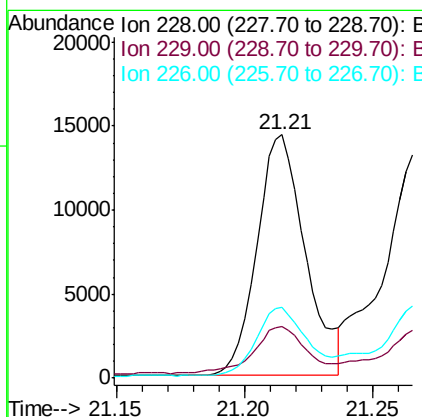
RT: 21.21 min Scan# 5825

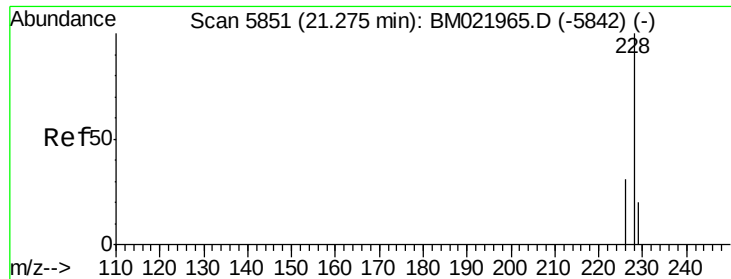
Delta R.T. -0.01 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Tgt Ion:	228	Resp:	18688
Ion Ratio	Lower	Upper	
228	100		
229	21.3	17.2	25.8
226	29.3	22.6	34.0



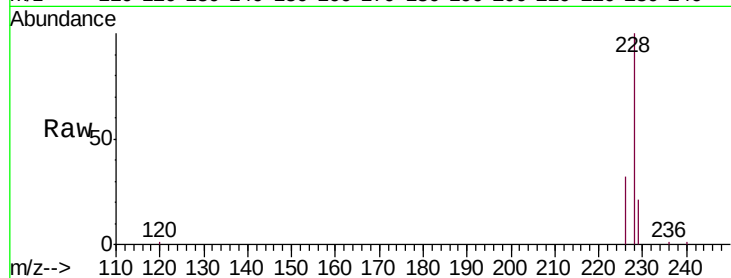


#19

Chrysene

Concen: 0.939 ng/ul
 RT: 21.27 min Scan# 5846
 Delta R.T. -0.01 min
 Lab File: BM021970.D
 Acq: 09 Aug 2019 14:48

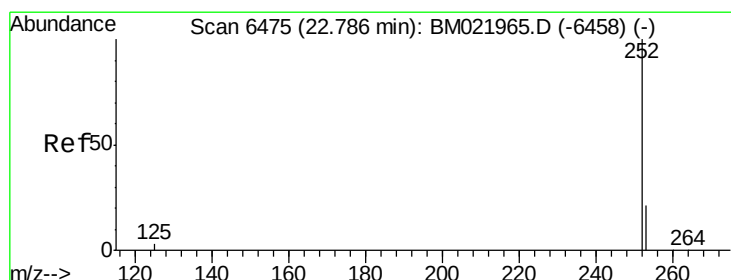
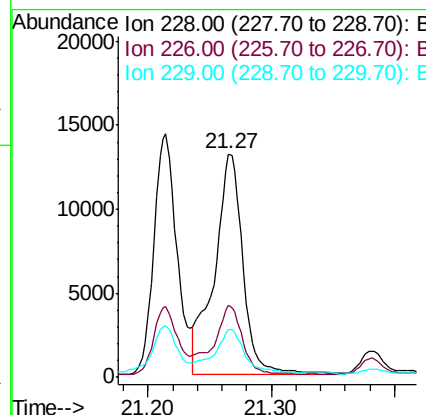
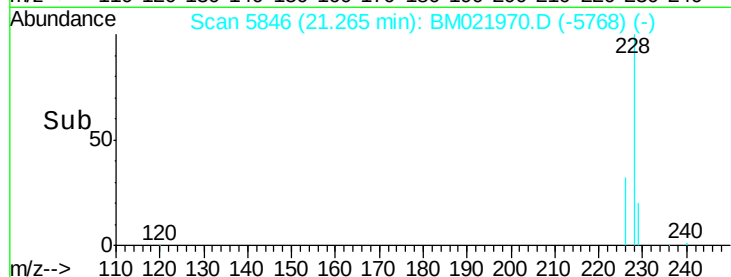
Instrument :
 BNA_M
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 BENR5DL



Tgt Ion:	228	Resp:	21217
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	21.3	16.6	25.0

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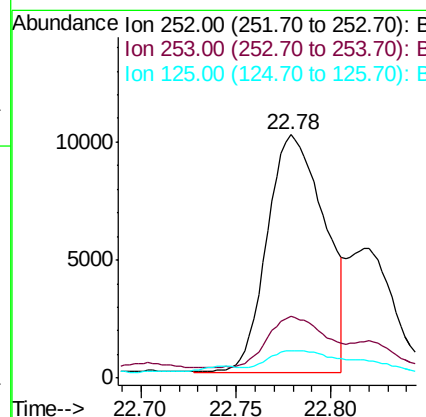
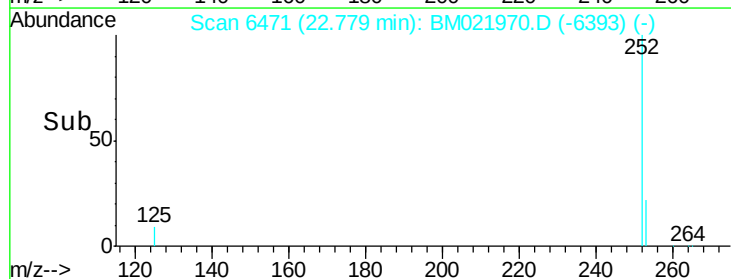
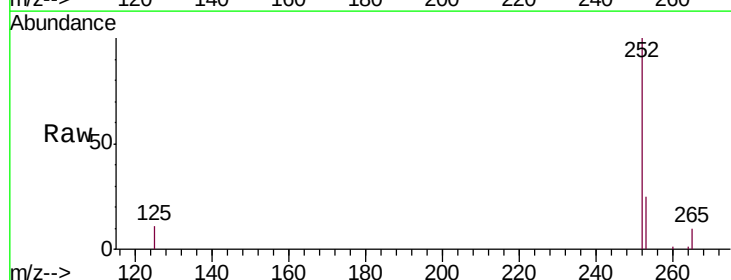


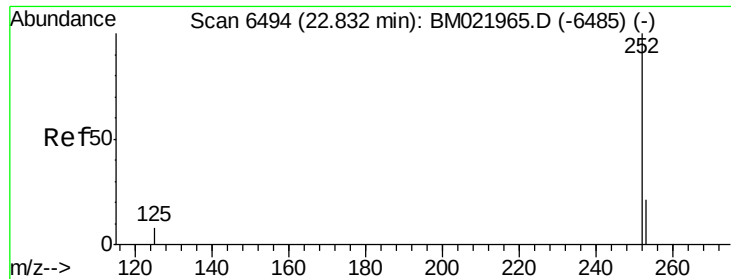
#21

Benzo(b)fluoranthene

Concen: 0.973 ng/ul m
 RT: 22.78 min Scan# 6471
 Delta R.T. -0.01 min
 Lab File: BM021970.D
 Acq: 09 Aug 2019 14:48

Tgt Ion:	252	Resp:	21282
Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	67.4
125	11.2	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.313 ng/ul m

RT: 22.82 min Scan# 6487

Delta R.T. -0.02 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Instrument :

BNA_M

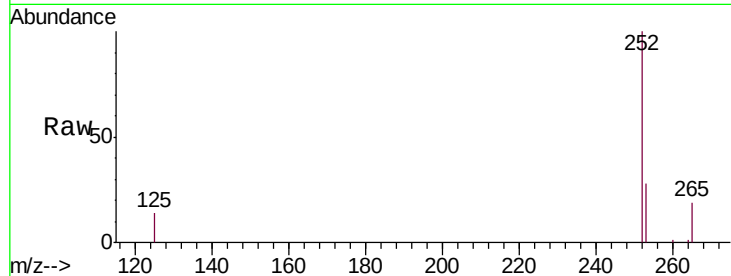
ClientSampleId :

BENR5DL

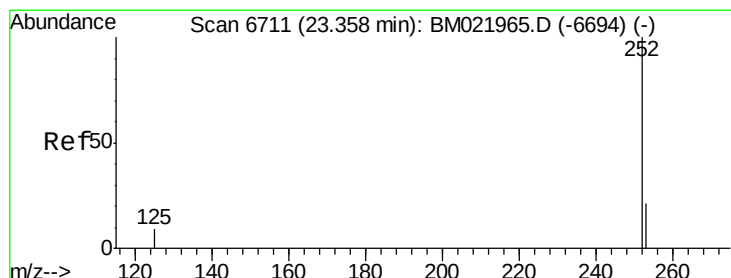
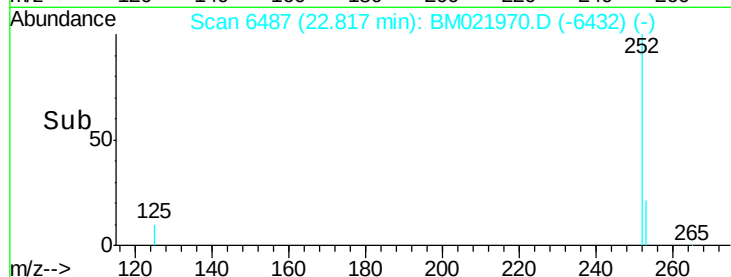
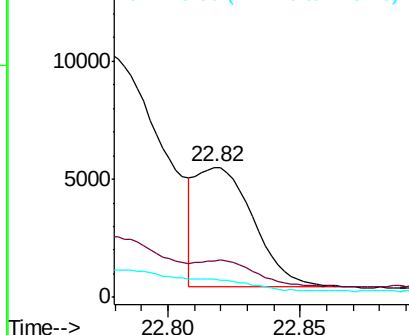
Tgt Ion:	252	Resp:	7734
Ion Ratio	Lower	Upper	
252	100		
253	28.0	27.0	40.4
125	13.7	12.2	18.2

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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: 0.807 ng/ul

RT: 23.35 min Scan# 6705

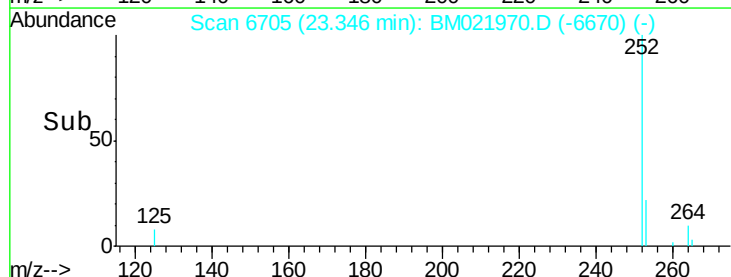
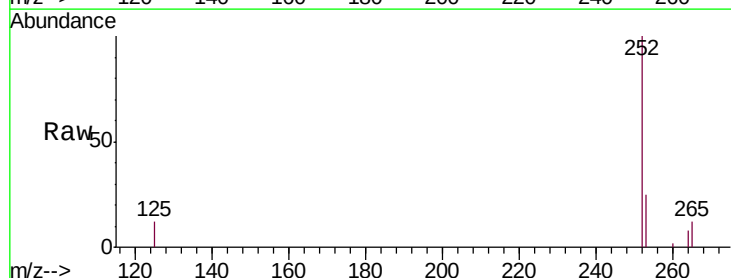
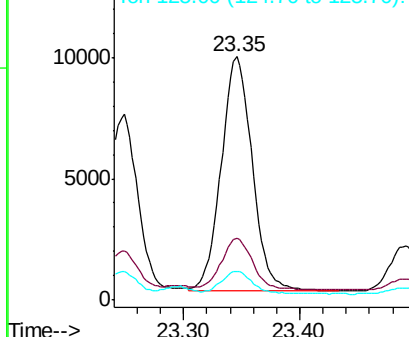
Delta R.T. -0.01 min

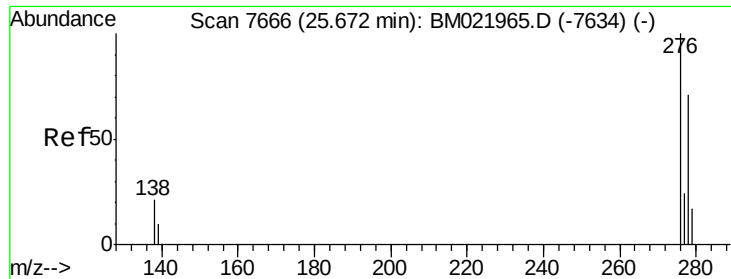
Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Tgt Ion:	252	Resp:	17951
Ion Ratio	Lower	Upper	
252	100		
253	25.2	31.7	47.5#
125	11.8	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





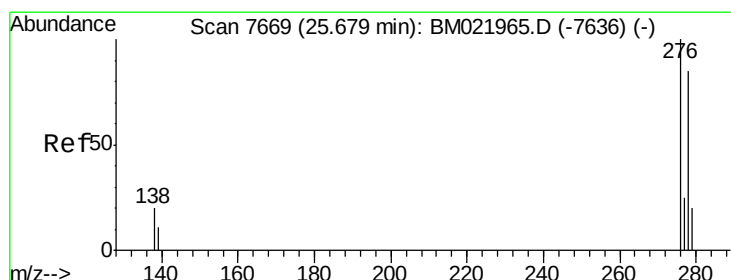
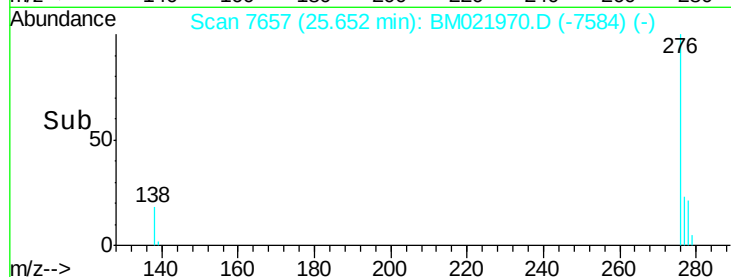
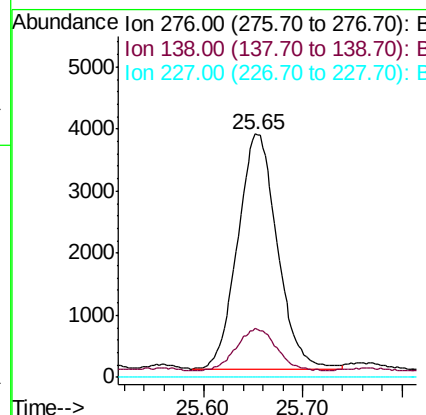
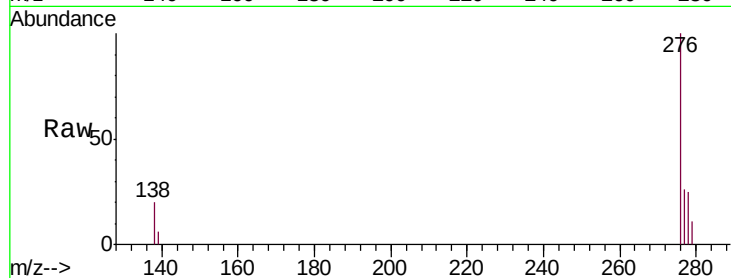
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.397 ng/ul
 RT: 25.65 min Scan# 7657
 Delta R.T. -0.02 min
 Lab File: BM021970.D
 Acq: 09 Aug 2019 14:48

Instrument :
 BNA_M
 ClientSampleID :
 BENR5DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	15.1	22.7
227	0.0	0.0	0.0

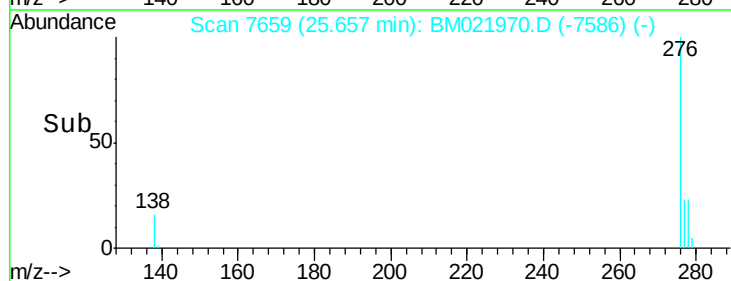
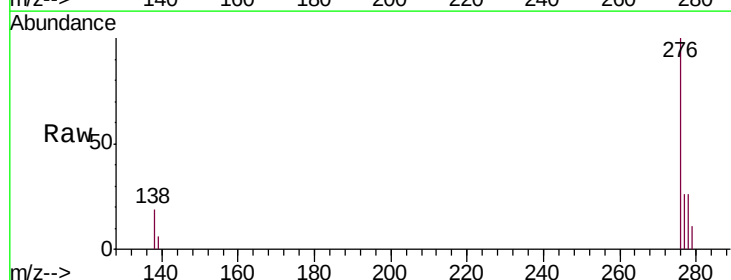
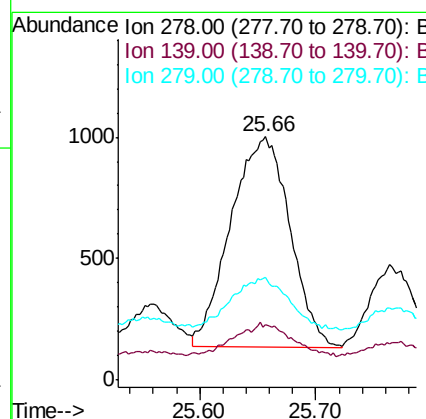
Manual Integrations
 APPROVED

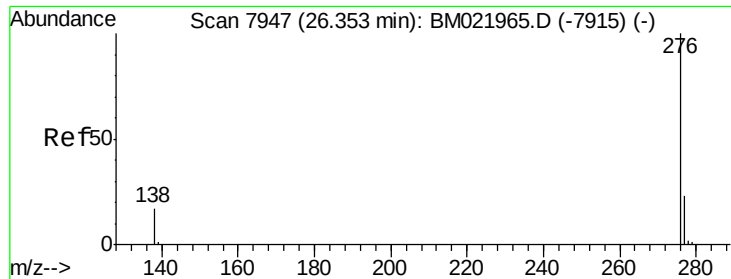
Sohil
 8/13/2019 8:33:43 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.142 ng/ul
 RT: 25.66 min Scan# 7659
 Delta R.T. -0.02 min
 Lab File: BM021970.D
 Acq: 09 Aug 2019 14:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	14.2	21.2#
279	42.0	28.3	42.5





#26

Benzo(g,h,i)perylene

Concen: 0.475 ng/ul

RT: 26.33 min Scan# 7938

Delta R.T. -0.02 min

Lab File: BM021970.D

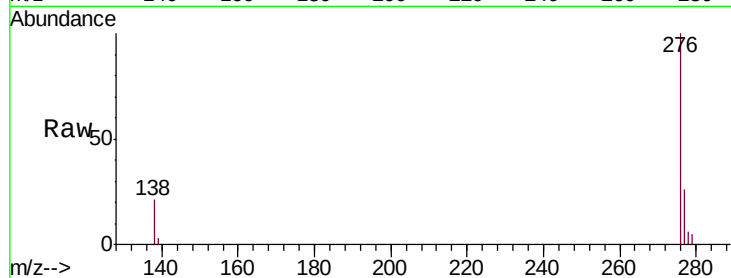
Acq: 09 Aug 2019 14:48

Instrument :

BNA_M

ClientSampleId :

BENR5DL



Tgt Ion:	276	Resp:	11357
Ion Ratio	Lower	Upper	
276	100		
138	20.9	15.5	23.3
277	25.7	21.4	32.2

Manual Integrations
APPROVED

Sohil
8/13/2019 8:33:43 AM

