

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022104.D
 Acq On : 14 Aug 2019 12:42
 Operator : HP/JU
 Sample : K4041-11DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENT5DL

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Quant Time: Aug 14 15:04:56 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 : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	630	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	2654	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1496	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	3464	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3453	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	3710	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	566	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	1541	0.13	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.43	128	494	0.066	ng/ul#	76
5) 2-Methylnaphthalene	12.08	142	175	0.035	ng/ul	97
7) Acenaphthylene	13.98	152	1892	0.271	ng/ul#	83
8) Acenaphthene	14.32	153	252	0.044	ng/ul#	91
9) Fluorene	15.32	166	418	0.066	ng/ul#	93
12) Phenanthrene	17.06	178	7089	0.703	ng/ul	99
13) Anthracene	17.15	178	2177	0.253	ng/ul	95
15) Fluoranthene	19.08	202	18526	1.372	ng/ul	97
17) Pyrene	19.45	202	19959	1.407	ng/ul	98
18) Benzo(a)anthracene	21.21	228	9015	0.730	ng/ul	94
19) Chrysene	21.26	228	11095	0.698	ng/ul	95
21) Benzo(b)fluoranthene	22.77	252	14694m	1.175	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	5347m	0.378	ng/ul	
23) Benzo(a)pyrene	23.33	252	10510	0.826	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.64	276	7875	0.518	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	1868	0.152	ng/ul#	54
26) Benzo(g,h,i)perylene	26.32	276	8138	0.595	ng/ul	96

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

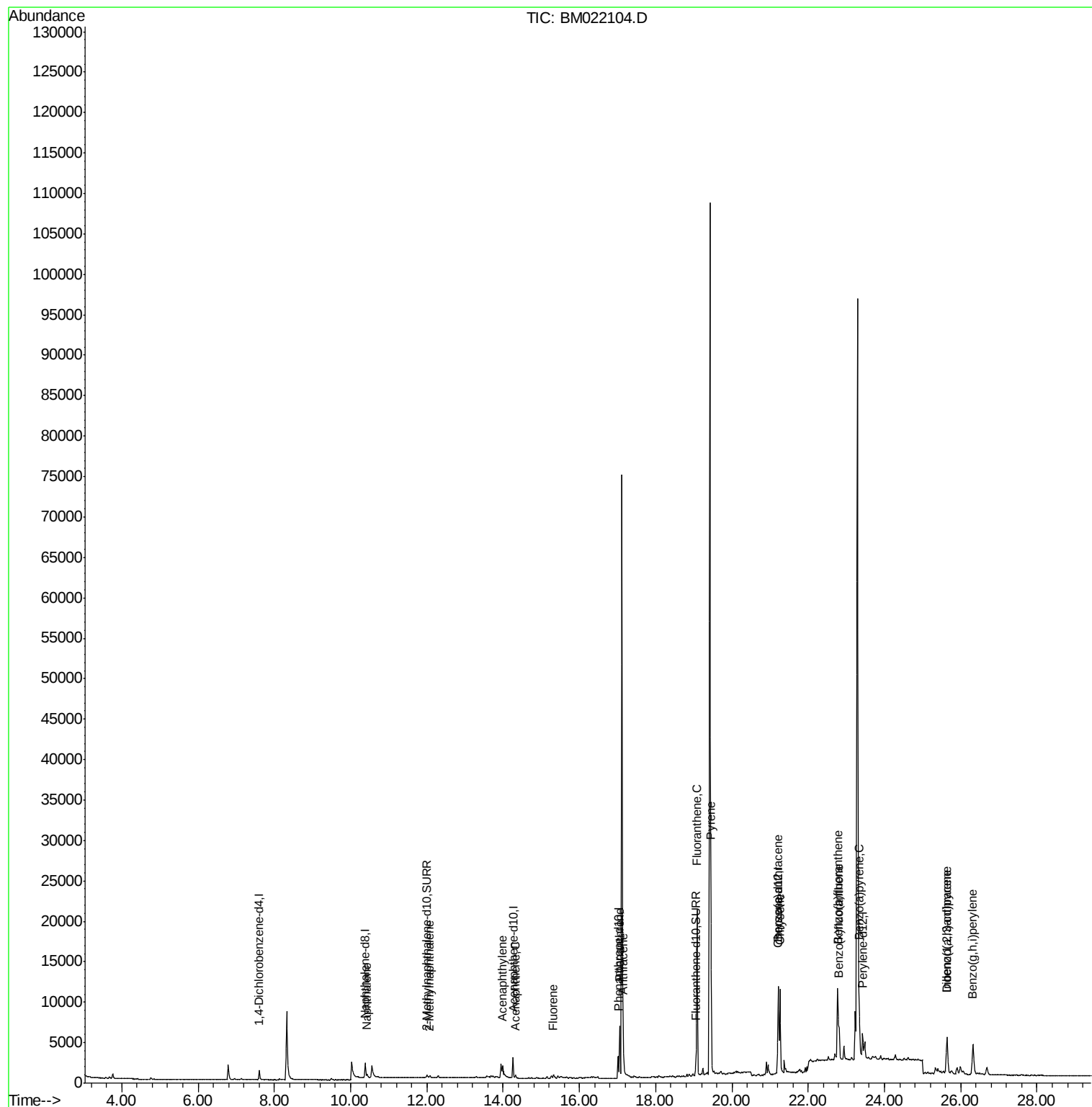
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022104.D
Acq On : 14 Aug 2019 12:42
Operator : HP/JU
Sample : K4041-11DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

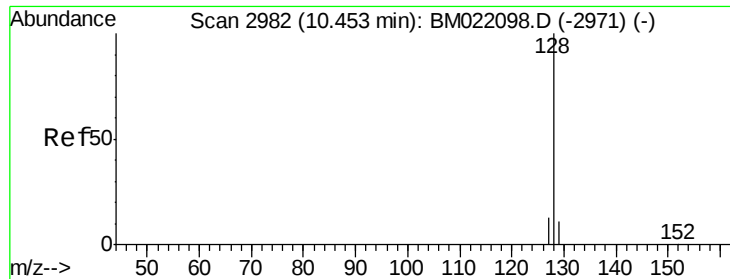
Instrument :
BNA_M
ClientSampleId :
BENT5DL

Quant Time: Aug 14 15:04:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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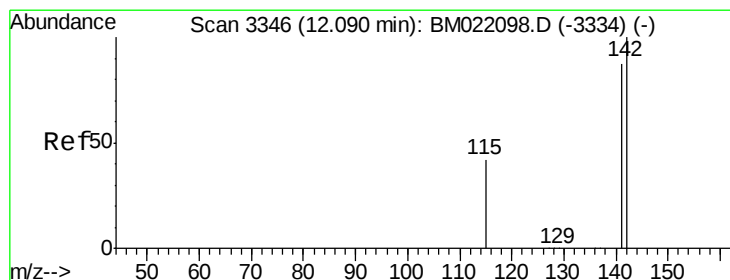
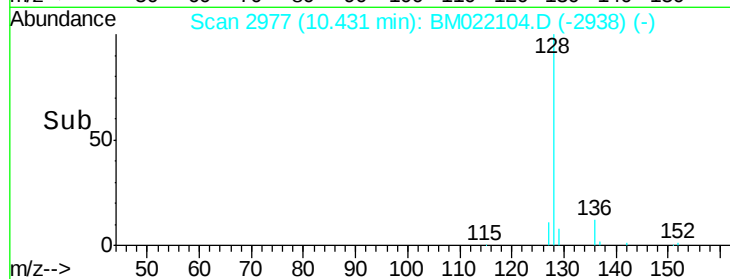
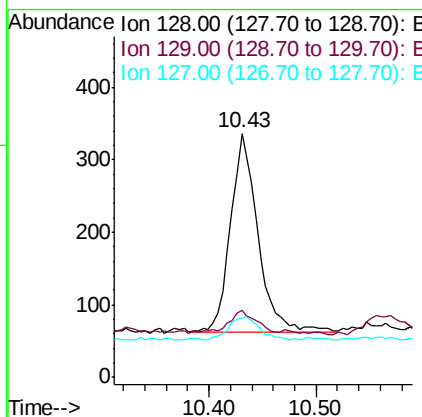
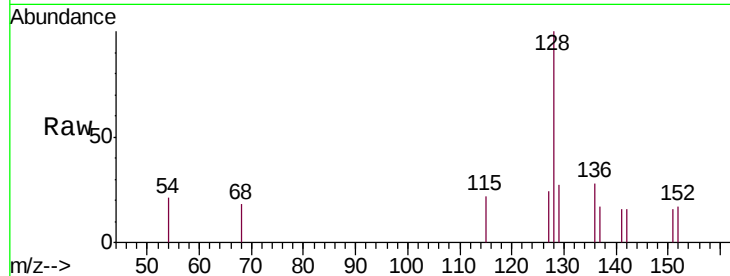
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Naphthalene
Concen: 0.066 ng/ul
RT: 10.43 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BM022104.D
Acq: 14 Aug 2019 12:42

Instrument :
BNA_M
ClientSampleId :
BENT5DL

Tgt Ion:	128	Resp:	494
Ion	Ratio	Lower	Upper
128	100		
129	27.4	12.3	18.5#
127	24.4	13.0	19.6#

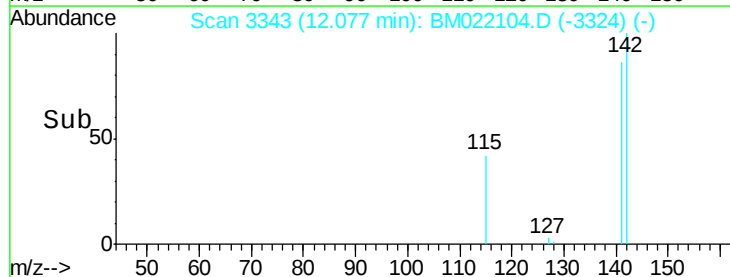
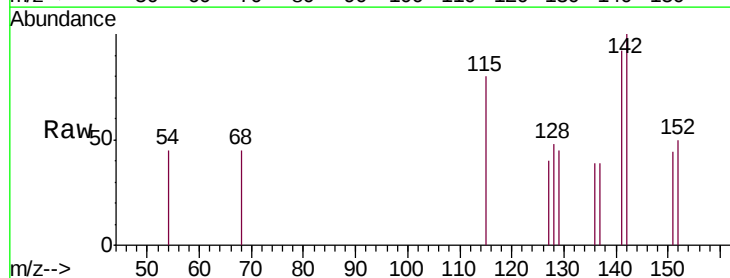
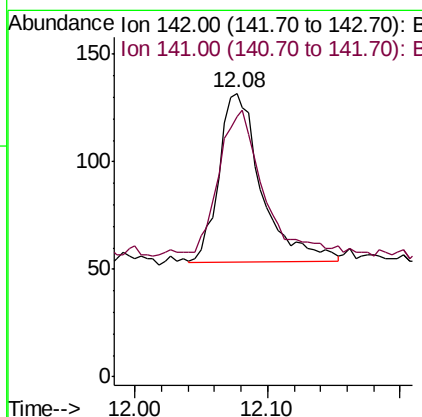
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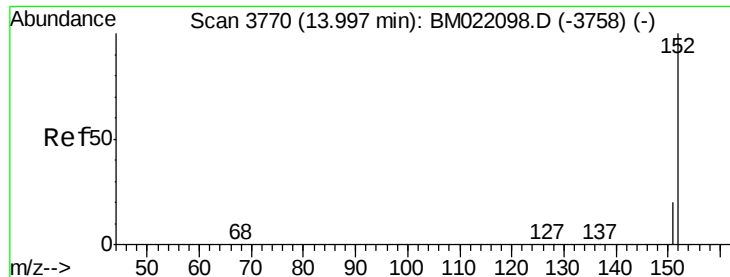
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#5
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.08 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BM022104.D
Acq: 14 Aug 2019 12:42

Tgt Ion:	142	Resp:	175
Ion	Ratio	Lower	Upper
142	100		
141	96.0	74.3	111.5





#7

Acenaphthylene

Concen: 0.271 ng/ul

RT: 13.98 min Scan# 3766

Delta R.T. -0.02 min

Lab File: BM022104.D

Acq: 14 Aug 2019 12:42

Instrument :

BNA_M

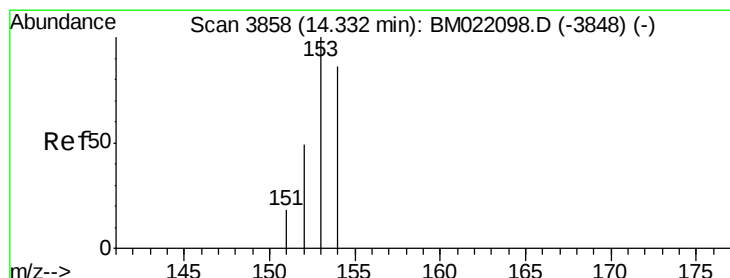
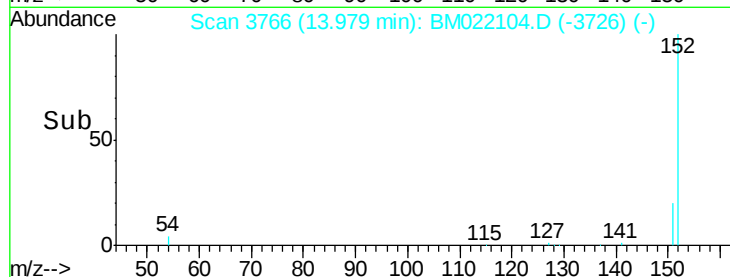
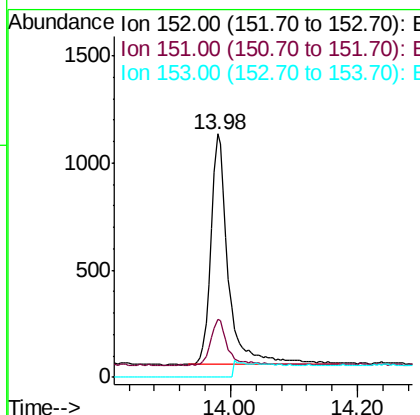
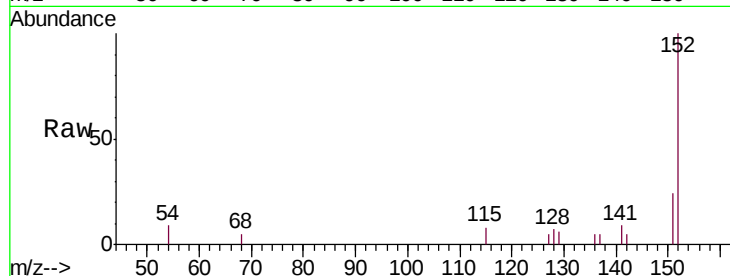
ClientSampleId :

BENT5DL

Tgt Ion:	152	Resp:	1892
Ion Ratio	Lower	Upper	
152	100		
151	23.9	18.3	27.5
153	0.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.044 ng/ul

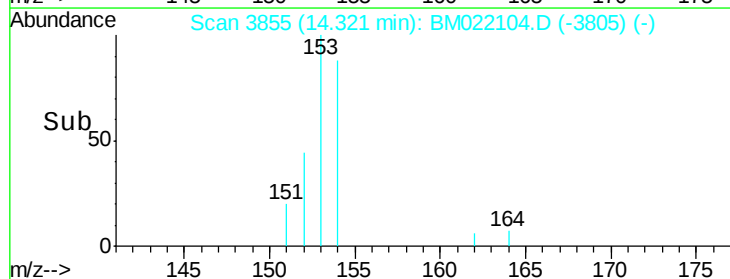
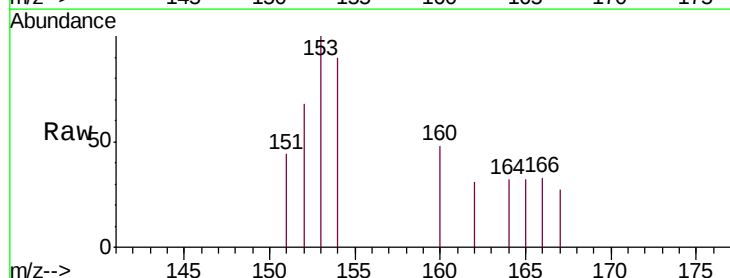
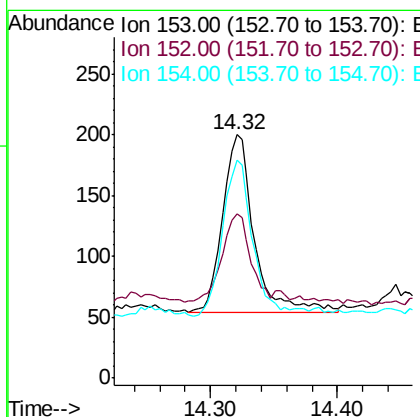
RT: 14.32 min Scan# 3855

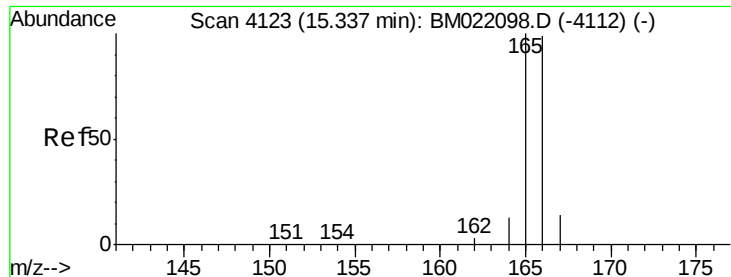
Delta R.T. -0.01 min

Lab File: BM022104.D

Acq: 14 Aug 2019 12:42

Tgt Ion:	153	Resp:	252
Ion Ratio	Lower	Upper	
153	100		
152	67.5	41.3	61.9
154	89.5	72.3	108.5





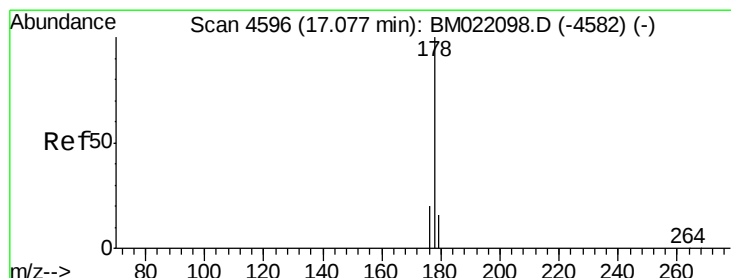
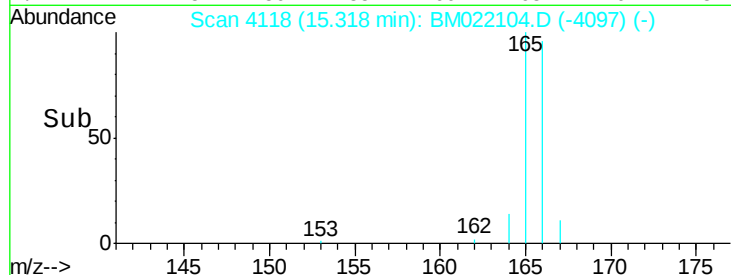
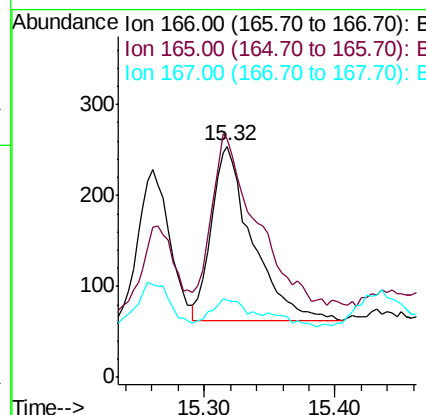
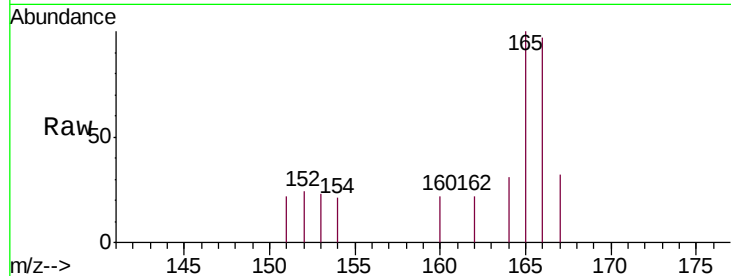
#9
Fluorene
 Concen: 0.066 ng/ul
 RT: 15.32 min Scan# 4118
 Delta R.T. -0.02 min
 Lab File: BM022104.D
 Acq: 14 Aug 2019 12:42

Instrument :
 BNA_M
 ClientSampleId :
 BENT5DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.5	81.4	122.0
167	33.5	13.7	20.5

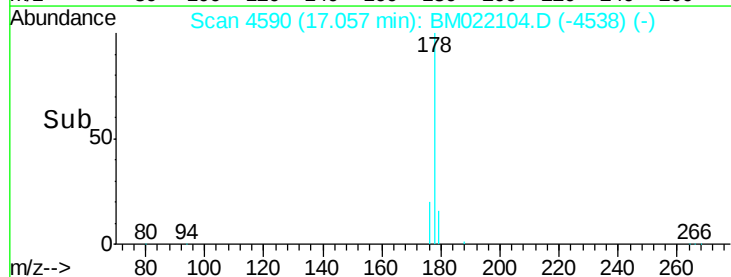
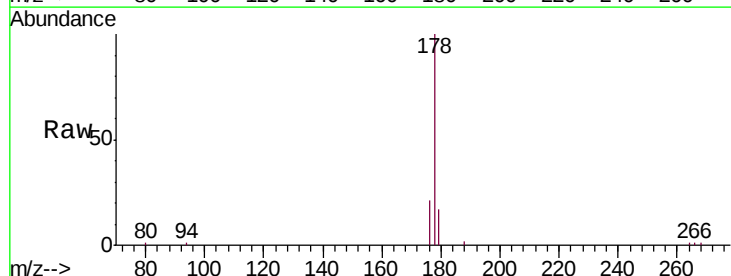
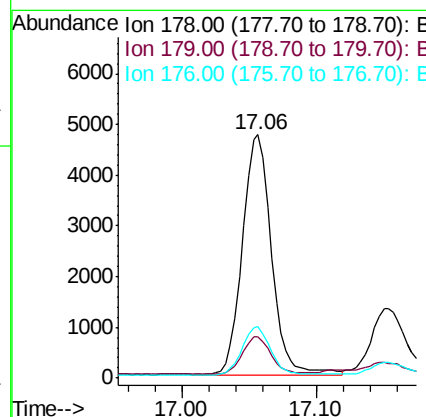
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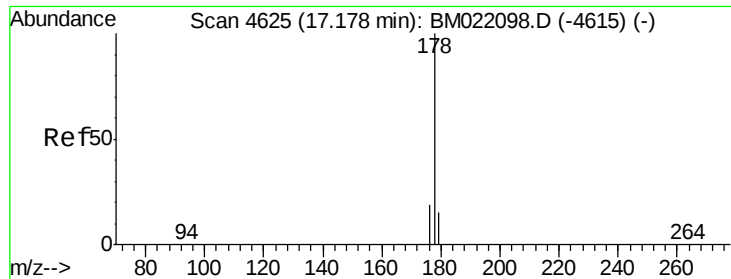
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#12
Phenanthrene
 Concen: 0.703 ng/ul
 RT: 17.06 min Scan# 4590
 Delta R.T. -0.02 min
 Lab File: BM022104.D
 Acq: 14 Aug 2019 12:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	14.2	21.2
176	21.3	16.8	25.2





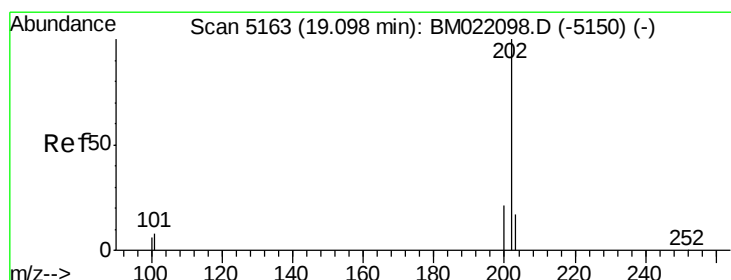
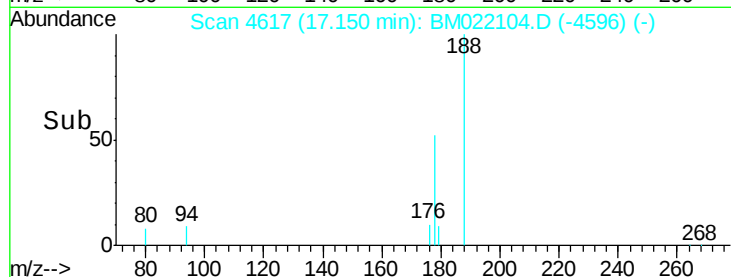
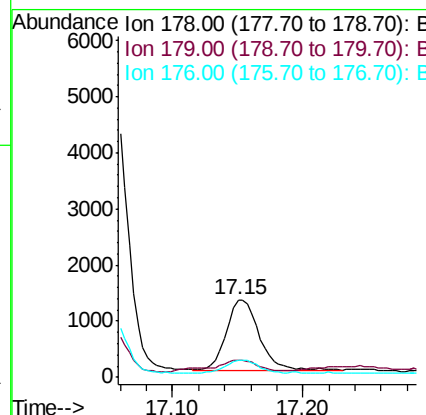
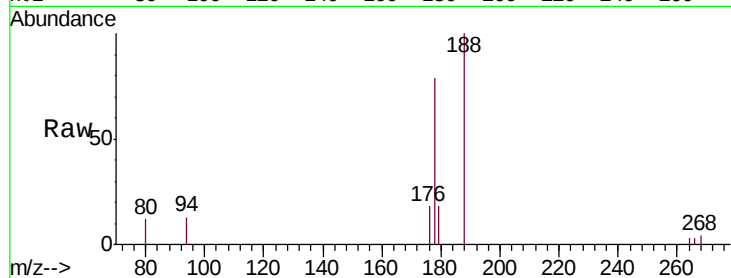
#13
 Anthracene
 Concen: 0.253 ng/ul
 RT: 17.15 min Scan# 4617
 Delta R.T. -0.03 min
 Lab File: BM022104.D
 Acq: 14 Aug 2019 12:42

Instrument :
 BNA_M
 ClientSampleId :
 BENT5DL

Tgt Ion:	178	Resp:	2177
Ion	Ratio	Lower	Upper
178	100		
179	22.2	15.5	23.3
176	22.8	16.6	25.0

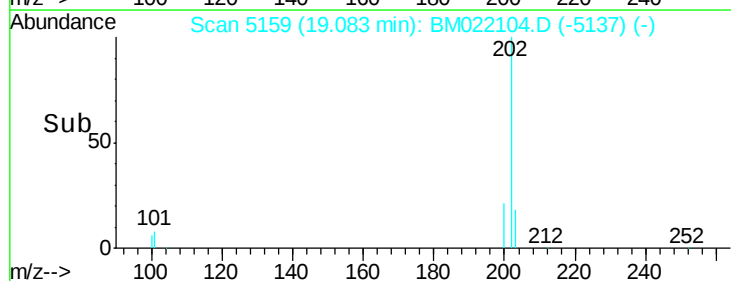
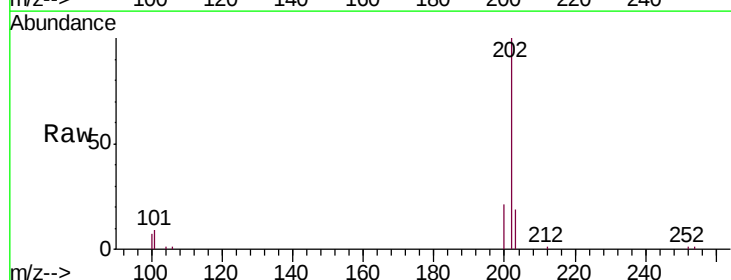
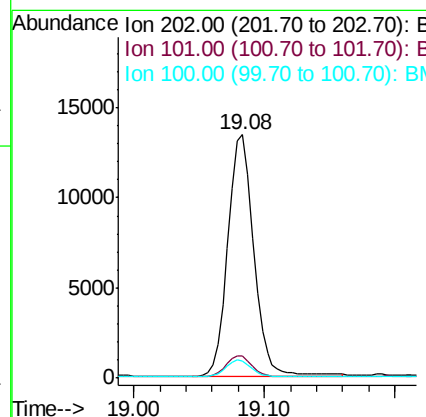
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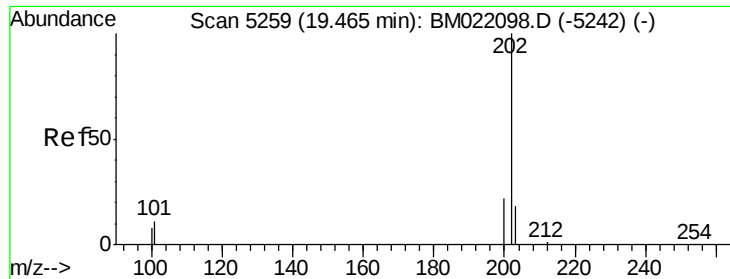
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#15
 Fluoranthene
 Concen: 1.372 ng/ul
 RT: 19.08 min Scan# 5159
 Delta R.T. -0.02 min
 Lab File: BM022104.D
 Acq: 14 Aug 2019 12:42

Tgt Ion:	202	Resp:	18526
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.2
100	6.8	0.0	28.1





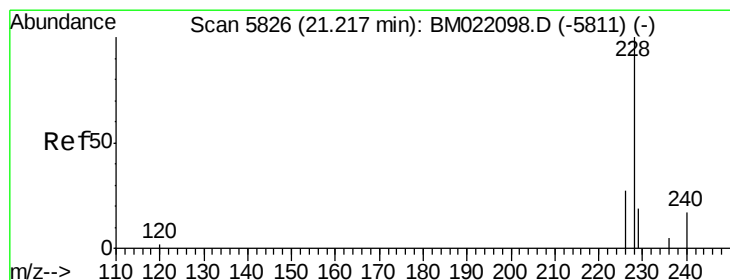
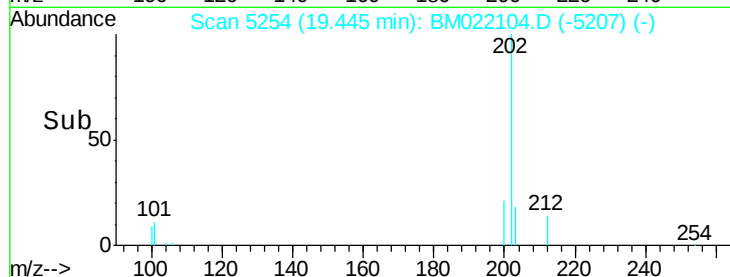
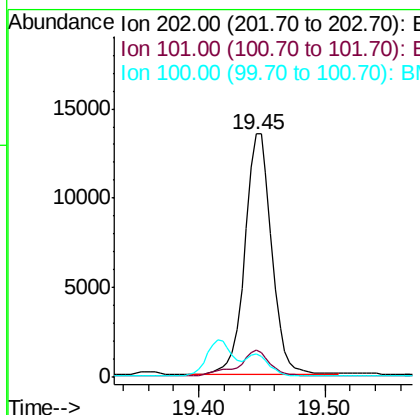
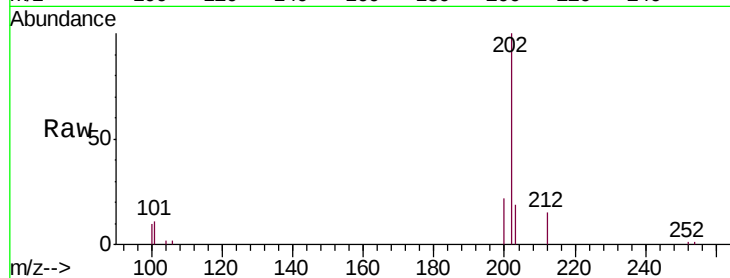
#17
Pyrene
 Concen: 1.407 ng/ul
 RT: 19.45 min Scan# 5254
 Delta R.T. -0.02 min
 Lab File: BM022104.D
 Acq: 14 Aug 2019 12:42

Instrument :
 BNA_M
 ClientSampleId :
 BENT5DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.0	8.3	12.5
100	9.8	7.2	10.8

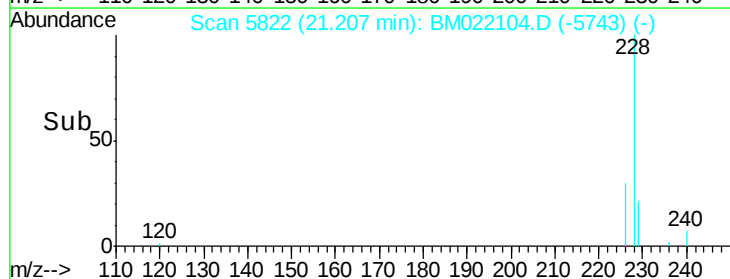
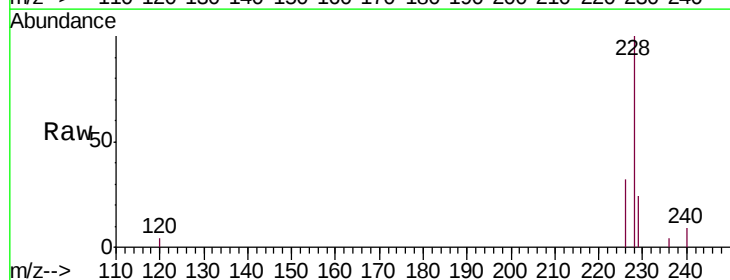
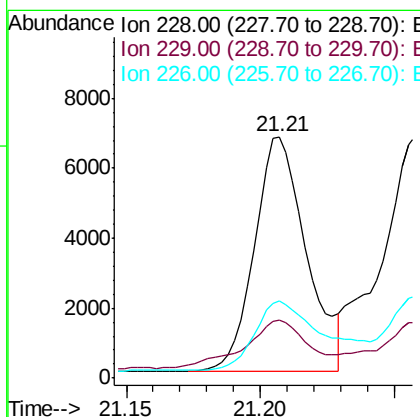
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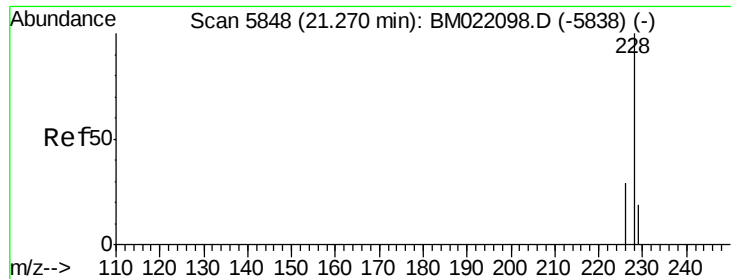
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#18
Benzo(a)anthracene
 Concen: 0.730 ng/ul
 RT: 21.21 min Scan# 5822
 Delta R.T. -0.01 min
 Lab File: BM022104.D
 Acq: 14 Aug 2019 12:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.2	17.2	25.8
226	31.9	22.6	34.0





#19

Chrysene

Concen: 0.698 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.01 min

Lab File: BM022104.D

Acq: 14 Aug 2019 12:42

Instrument :

BNA_M

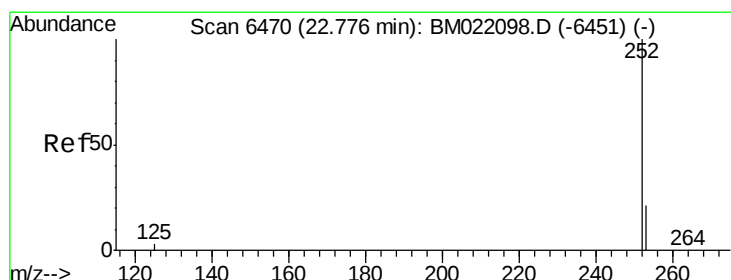
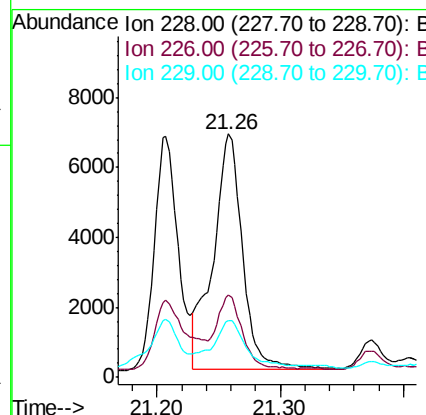
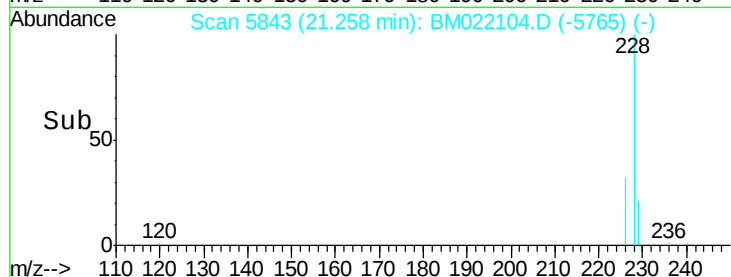
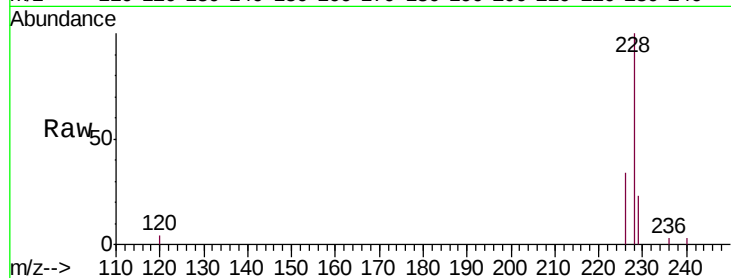
ClientSampleId :

BENT5DL

Tgt Ion:	228	Resp:	11095
Ion Ratio	Lower	Upper	
228	100		
226	33.6	24.9	37.3
229	23.3	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 1.175 ng/ul m

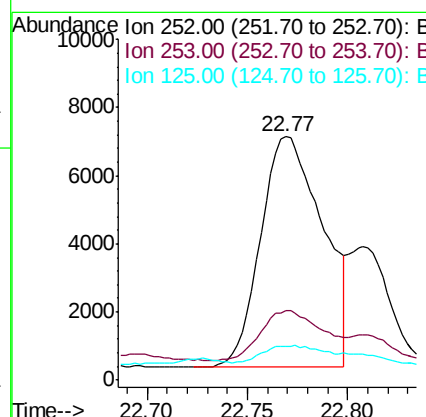
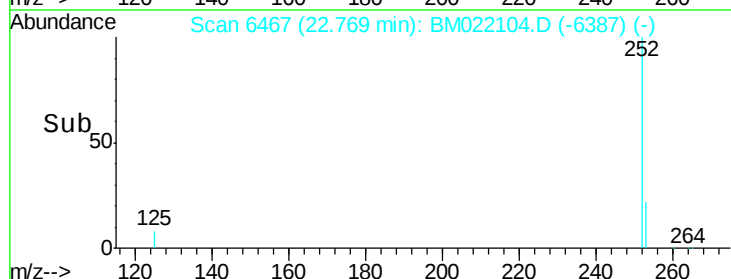
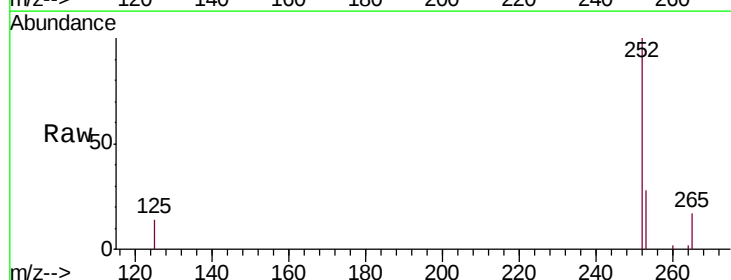
RT: 22.77 min Scan# 6467

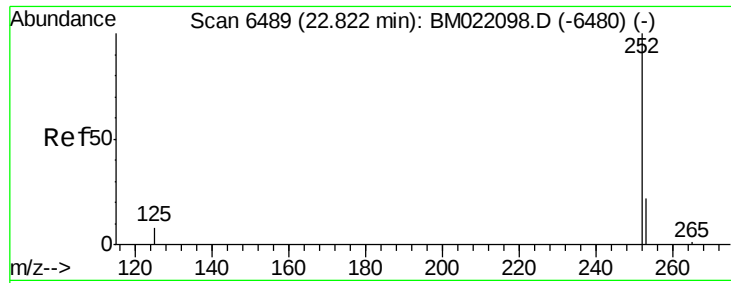
Delta R.T. -0.01 min

Lab File: BM022104.D

Acq: 14 Aug 2019 12:42

Tgt Ion:	252	Resp:	14694
Ion Ratio	Lower	Upper	
252	100		
253	28.4	0.0	67.4
125	14.1	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.378 ng/ul m

RT: 22.81 min Scan# 6483

Delta R.T. -0.01 min

Lab File: BM022104.D

Acq: 14 Aug 2019 12:42

Instrument :

BNA_M

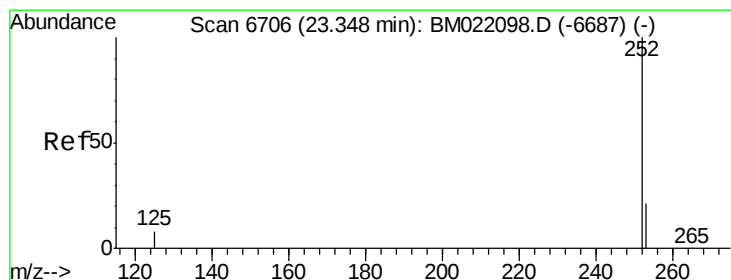
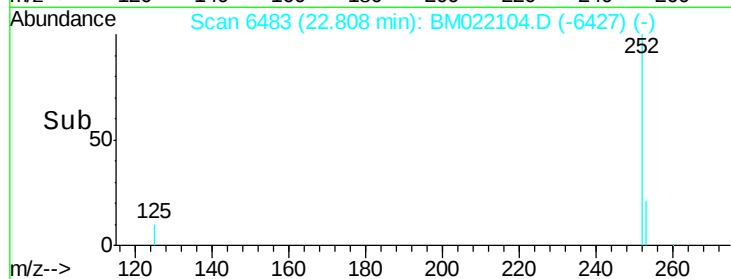
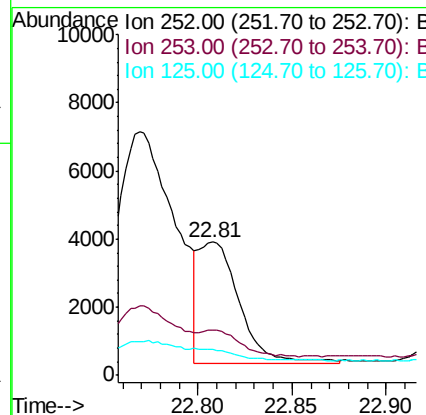
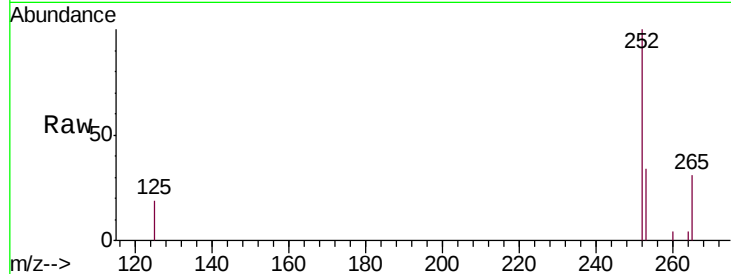
ClientSampleId :

BENT5DL

Tgt Ion:	252	Resp:	5347
Ion Ratio	Lower	Upper	
252	100		
253	34.2	27.0	40.4
125	19.5	12.2	18.2

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#23

Benzo(a)pyrene

Concen: 0.826 ng/ul

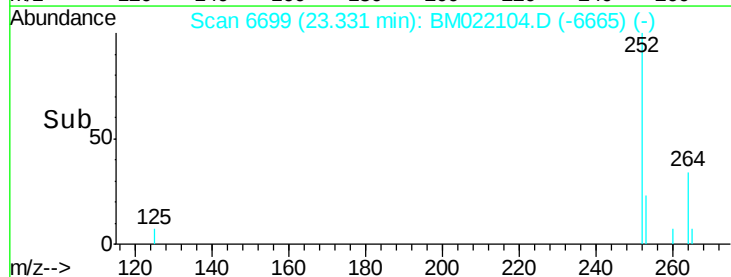
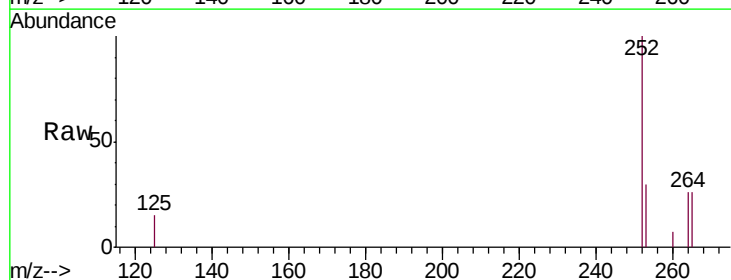
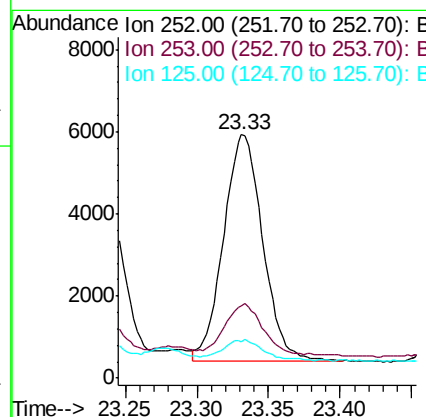
RT: 23.33 min Scan# 6699

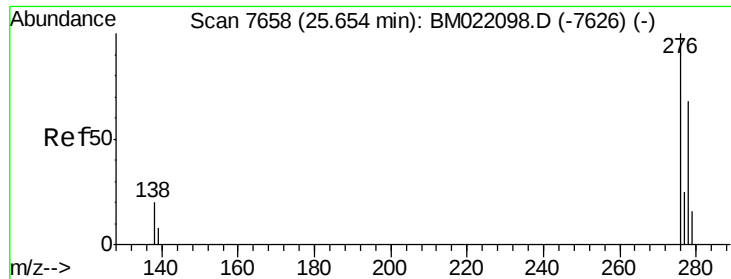
Delta R.T. -0.02 min

Lab File: BM022104.D

Acq: 14 Aug 2019 12:42

Tgt Ion:	252	Resp:	10510
Ion Ratio	Lower	Upper	
252	100		
253	29.7	31.7	47.5
125	15.2	14.6	21.8





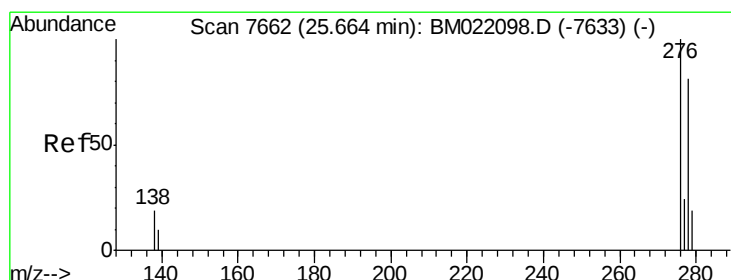
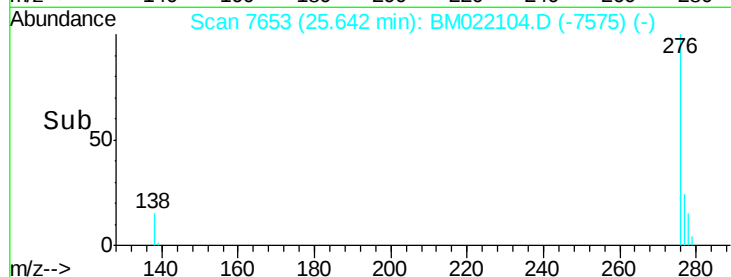
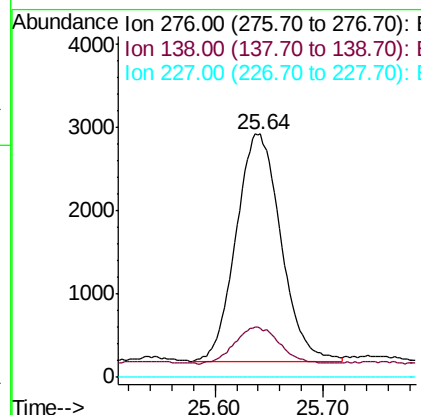
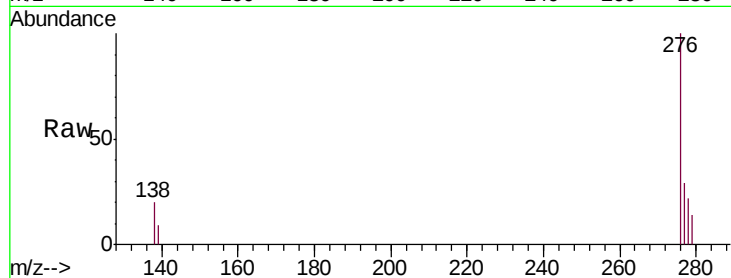
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.518 ng/u1
 RT: 25.64 min Scan# 7653
 Delta R.T. -0.01 min
 Lab File: BM022104.D
 Acq: 14 Aug 2019 12:42

Instrument :
 BNA_M
 ClientSampleId :
 BENT5DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	15.1	22.7
227	0.0	0.0	0.0

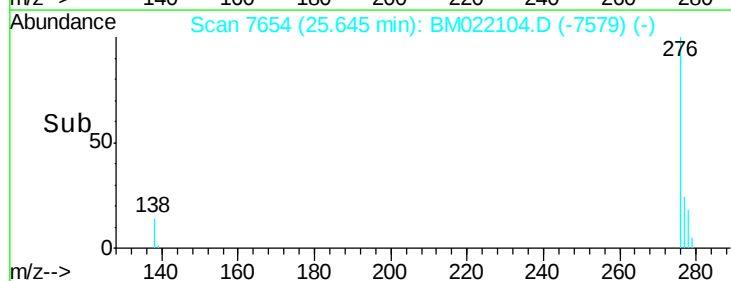
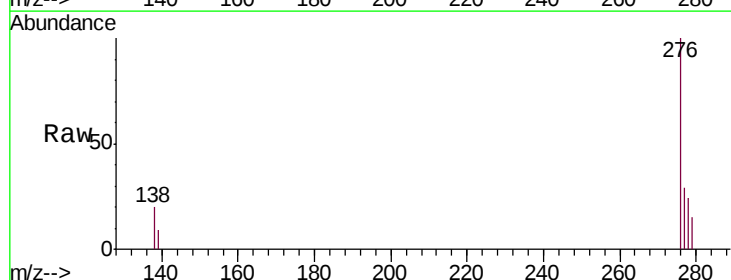
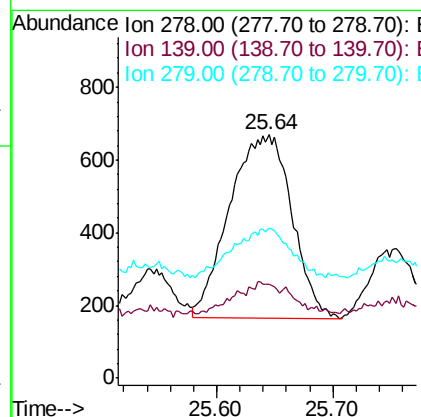
Manual Integrations
 APPROVED

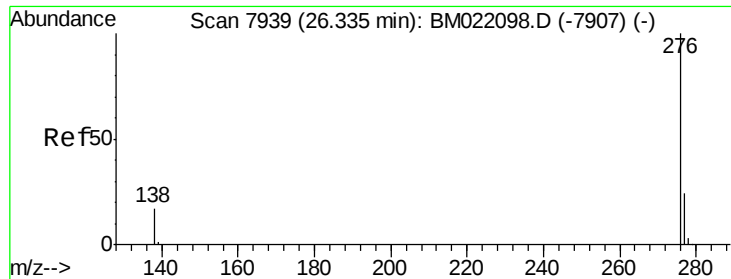
mohammad
 8/15/2019 5:09:00 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.152 ng/u1
 RT: 25.64 min Scan# 7654
 Delta R.T. -0.02 min
 Lab File: BM022104.D
 Acq: 14 Aug 2019 12:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.5	14.2	21.2#
279	61.5	28.3	42.5#





#26
Benzo(g,h,i)perylene
Concen: 0.595 ng/ul
RT: 26.32 min Scan# 7932
Delta R.T. -0.02 min
Lab File: BM022104.D
Acq: 14 Aug 2019 12:42

Instrument :
BNA_M
ClientSampleId :
BENT5DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.3	15.5	23.3
277	28.4	21.4	32.2

Manual Integrations
APPROVED

mohammad
8/15/2019 5:09:00 PM

