

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM022011.D
 Acq On : 11 Aug 2019 01:04
 Operator : HP/JU
 Sample : K4028-10
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ2

Manual Integrations
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Sohil
 8/13/2019 8:46:25 AM

Quant Time: Aug 11 03:39:13 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	924	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	3744	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	2081	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	4880m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4956m	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	5127m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1263	0.20	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	3791m	0.23	ng/ul	-0.02
Target Compounds					Qvalue	
3) Naphthalene	10.44	128	4320	0.409	ng/ul	96
5) 2-Methylnaphthalene	12.07	142	2123	0.301	ng/ul	97
7) Acenaphthylene	13.99	152	10305	1.062	ng/ul#	81
8) Acenaphthene	14.33	153	6503	0.819	ng/ul	97
9) Fluorene	15.32	166	8093	0.918	ng/ul	98
12) Phenanthrene	17.06	178	181374m	12.773	ng/ul	
13) Anthracene	17.15	178	38039m	3.141	ng/ul	
15) Fluoranthene	19.09	202	494869m	26.017	ng/ul	
17) Pyrene	19.45	202	454674	22.325	ng/ul	97
18) Benzo(a)anthracene	21.20	228	261386m	14.745	ng/ul	
19) Chrysene	21.26	228	278953	12.236	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	403038m	23.312	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	143420m	7.330	ng/ul	
23) Benzo(a)pyrene	23.34	252	269706	15.340	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.64	276	193236	9.205	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.65	278	48856	2.879	ng/ul	91
26) Benzo(g,h,i)perylene	26.32	276	191624	10.139	ng/ul	94

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

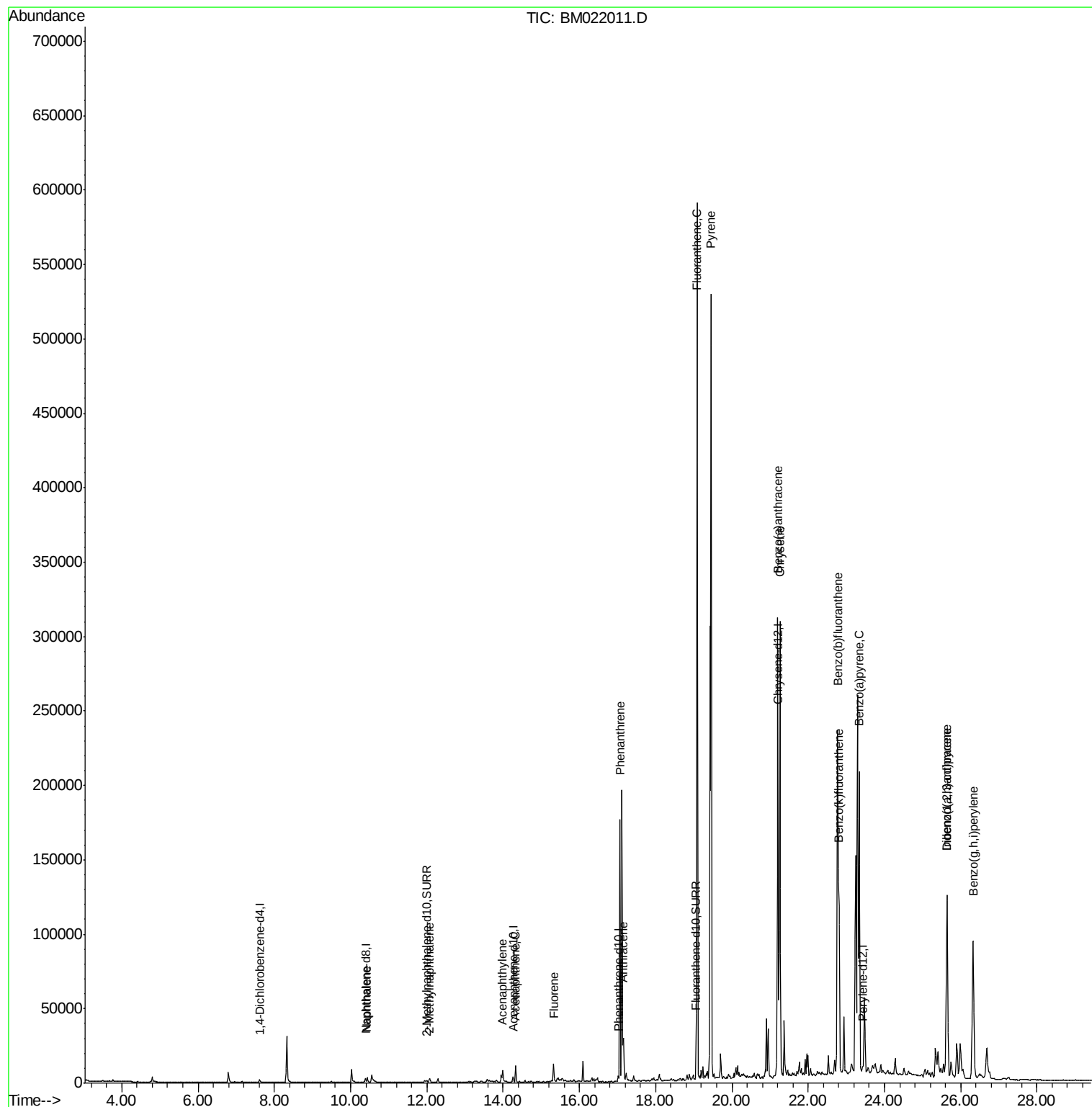
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM022011.D
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ALS Vial : 48 Sample Multiplier: 1

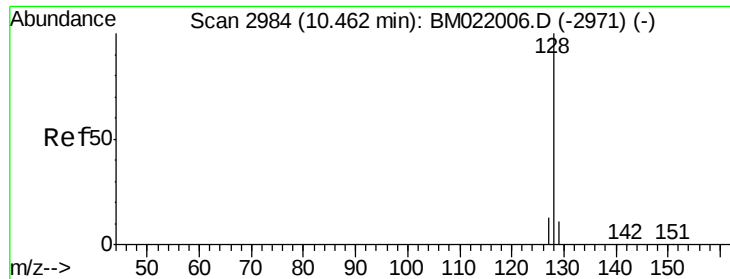
Instrument :
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#3

Naphthalene

Concen: 0.409 ng/ul

RT: 10.44 min Scan# 2978

Delta R.T. -0.03 min

Lab File: BM022011.D

Acq: 11 Aug 2019 01:04

Instrument :

BNA_M

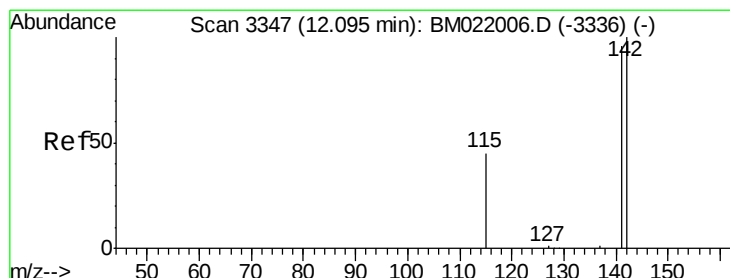
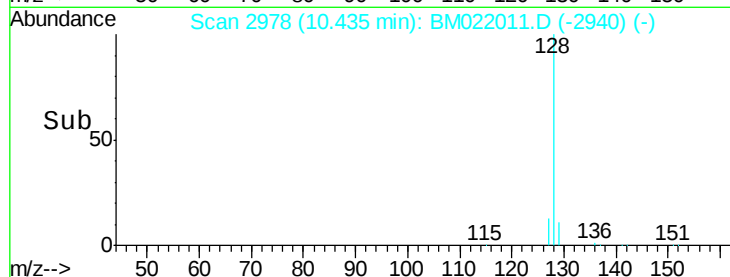
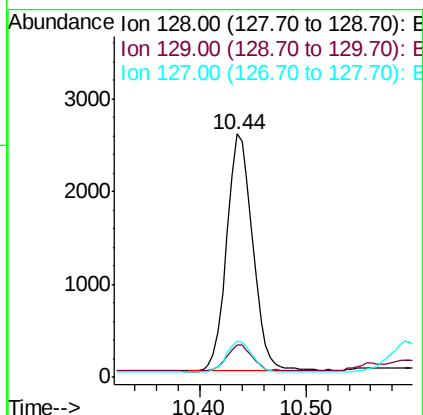
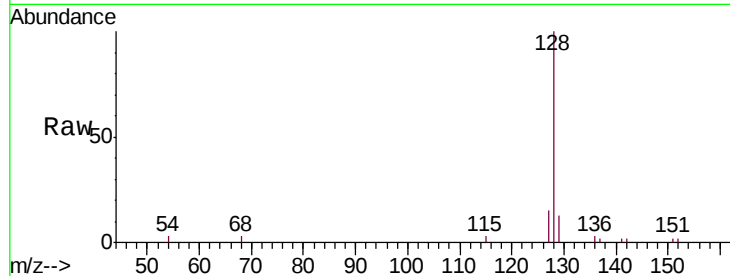
ClientSampleId :

BENZ2

Tgt Ion:	128	Resp:	4320
Ion Ratio	Lower	Upper	
128	100		
129	13.4	12.3	18.5
127	14.8	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.301 ng/ul

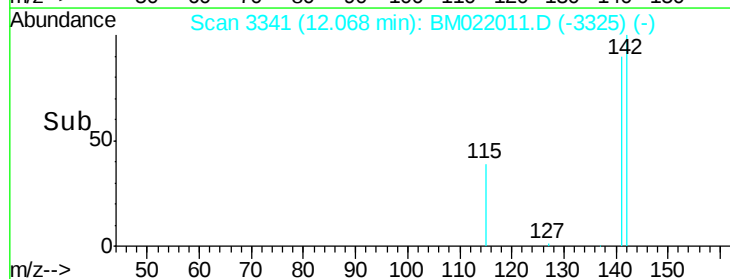
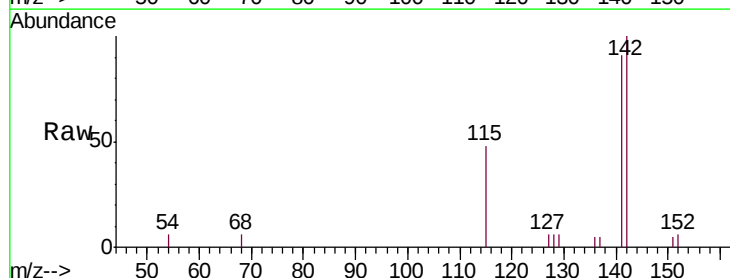
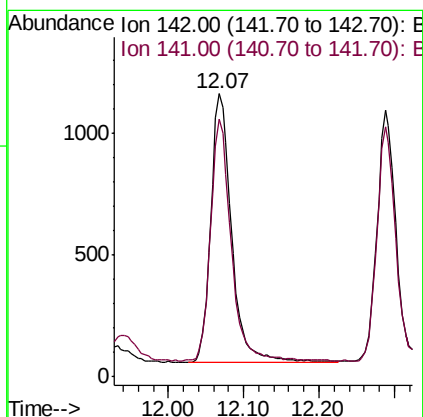
RT: 12.07 min Scan# 3341

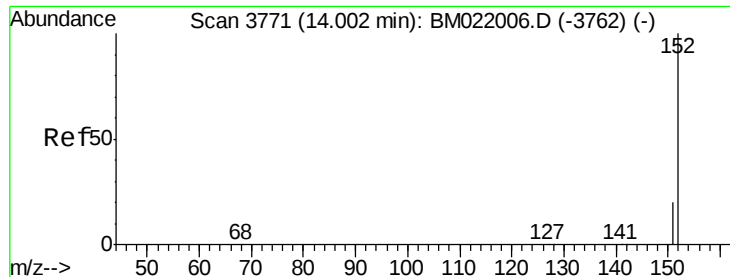
Delta R.T. -0.03 min

Lab File: BM022011.D

Acq: 11 Aug 2019 01:04

Tgt Ion:	142	Resp:	2123
Ion Ratio	Lower	Upper	
142	100		
141	90.1	74.3	111.5





#7

Acenaphthylene

Concen: 1.062 ng/ul

RT: 13.99 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BM022011.D

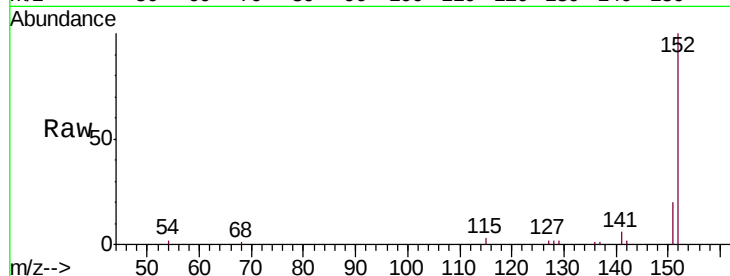
Acq: 11 Aug 2019 01:04

Instrument :

BNA_M

ClientSampleId :

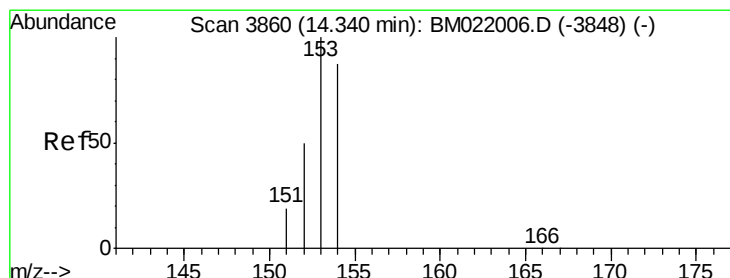
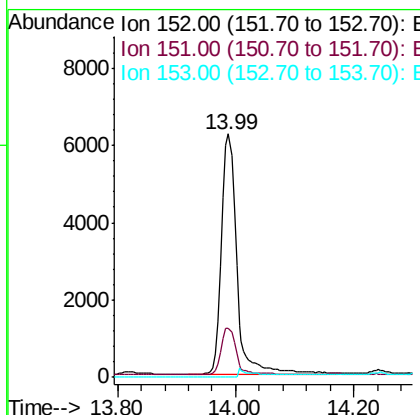
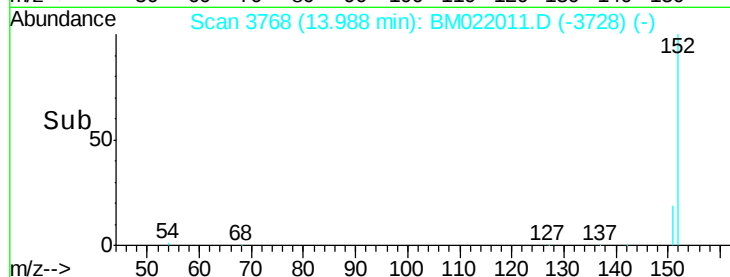
BENZ2



Tgt Ion:	152	Resp:	10305
Ion Ratio	Lower	Upper	
152	100		
151	20.4	18.3	27.5
153	0.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.819 ng/ul

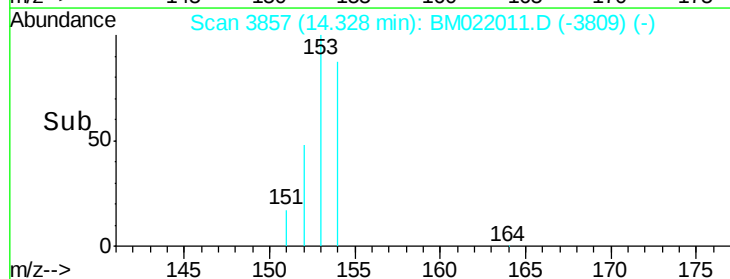
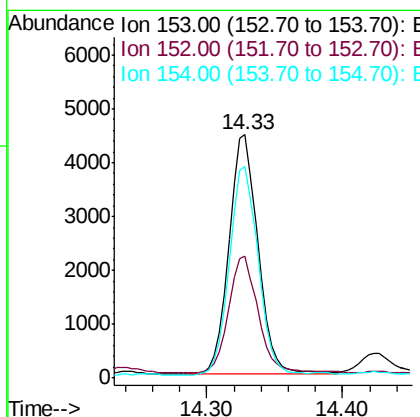
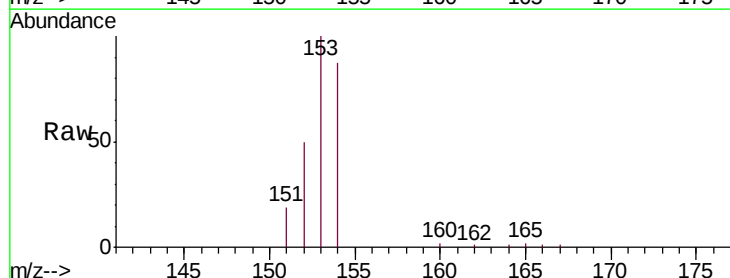
RT: 14.33 min Scan# 3857

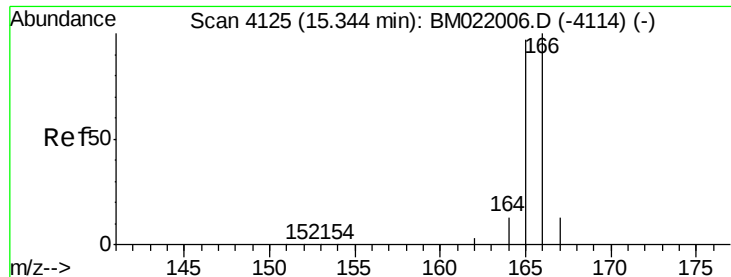
Delta R.T. -0.02 min

Lab File: BM022011.D

Acq: 11 Aug 2019 01:04

Tgt Ion:	153	Resp:	6503
Ion Ratio	Lower	Upper	
153	100		
152	50.3	41.3	61.9
154	87.1	72.3	108.5





#9

Fluorene

Concen: 0.918 ng/ul

RT: 15.32 min Scan# 4119

Delta R.T. -0.02 min

Lab File: BM022011.D

Acq: 11 Aug 2019 01:04

Instrument :

BNA_M

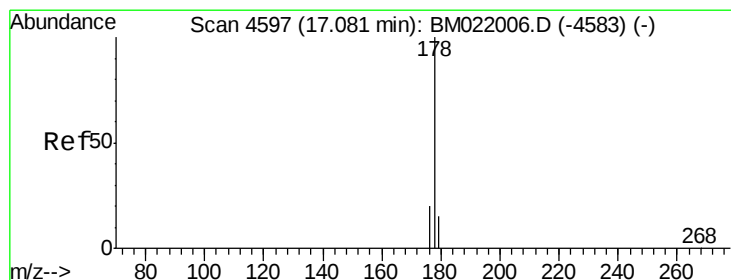
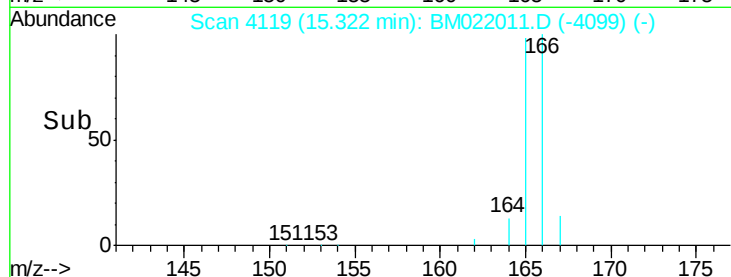
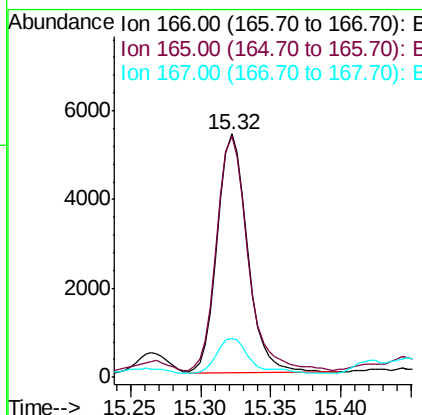
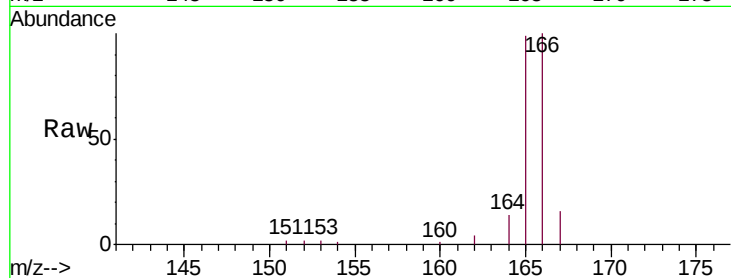
ClientSampleId :

BENZ2

Tgt Ion:	166	Resp:	8093
Ion Ratio	Lower	Upper	
166	100		
165	99.3	81.4	122.0
167	16.1	13.7	20.5

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#12

Phenanthrene

Concen: 12.773 ng/ul m

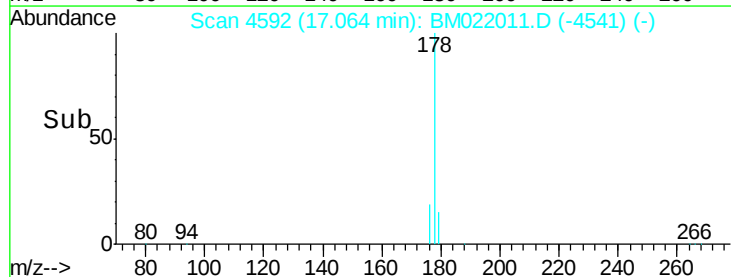
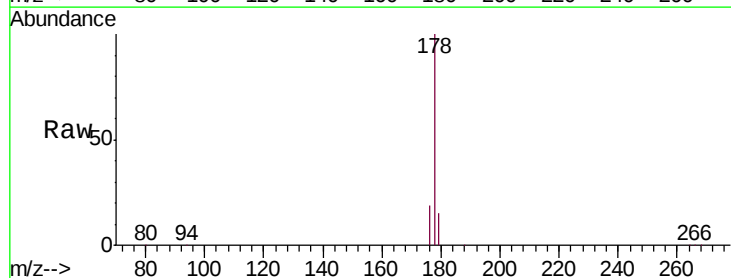
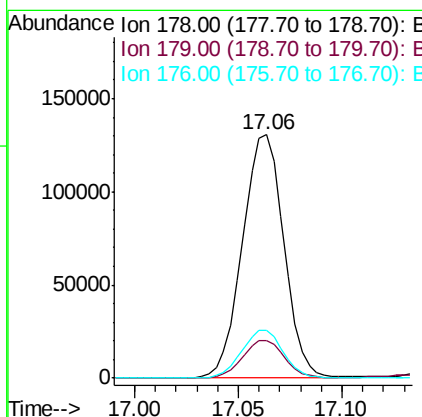
RT: 17.06 min Scan# 4592

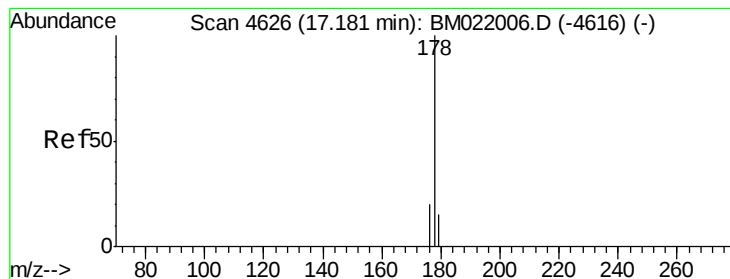
Delta R.T. -0.02 min

Lab File: BM022011.D

Acq: 11 Aug 2019 01:04

Tgt Ion:	178	Resp:	181374
Ion Ratio	Lower	Upper	
178	100		
179	15.4	14.2	21.2
176	19.5	16.8	25.2





#13

Anthracene

Concen: 3.141 ng/ul m

RT: 17.15 min Scan# 4618

Delta R.T. -0.03 min

Lab File: BM022011.D

Acq: 11 Aug 2019 01:04

Instrument :

BNA_M

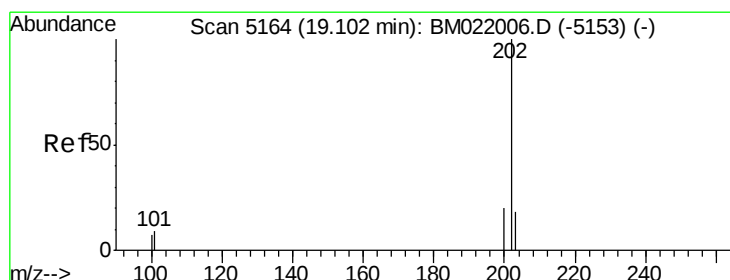
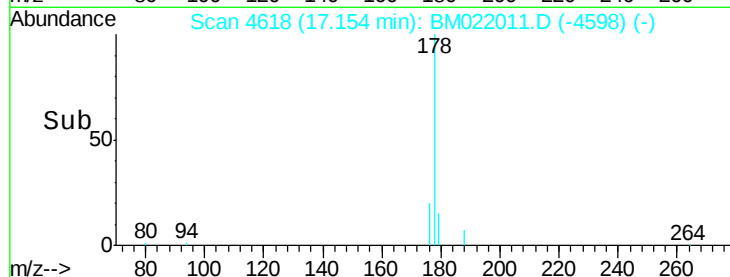
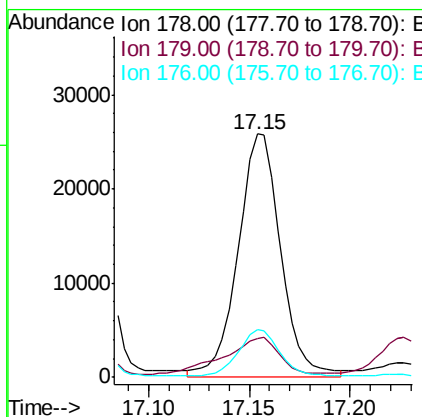
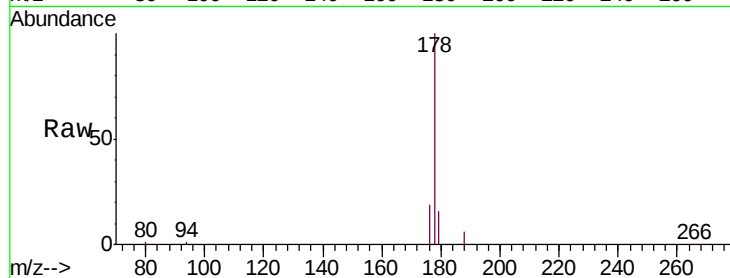
ClientSampleId :

BENZ2

Tgt Ion:	178	Resp:	38039
Ion Ratio	Lower	Upper	
178	100		
179	16.2	15.5	23.3
176	19.5	16.6	25.0

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#15

Fluoranthene

Concen: 26.017 ng/ul m

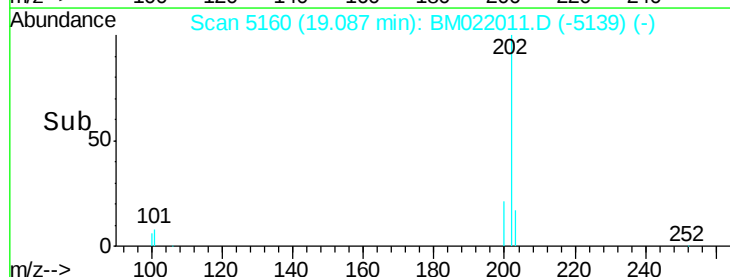
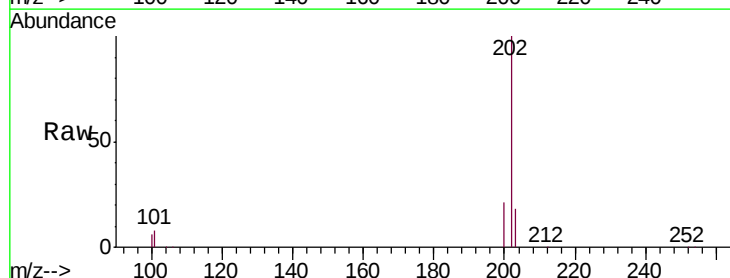
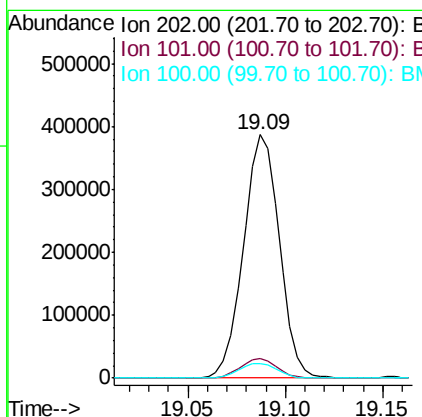
RT: 19.09 min Scan# 5160

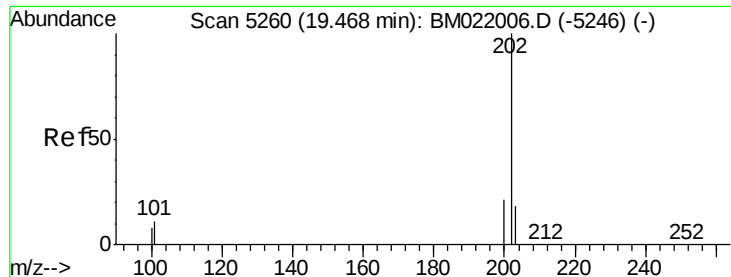
Delta R.T. -0.02 min

Lab File: BM022011.D

Acq: 11 Aug 2019 01:04

Tgt Ion:	202	Resp:	494869
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	30.2
100	6.2	0.0	28.1





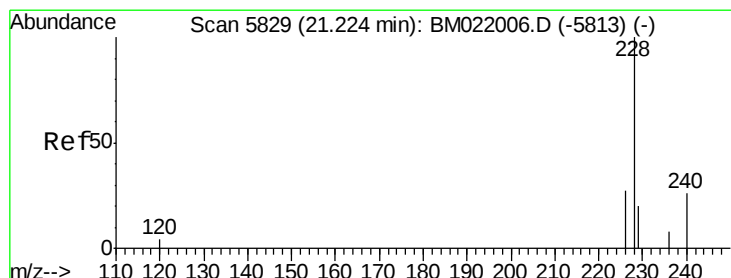
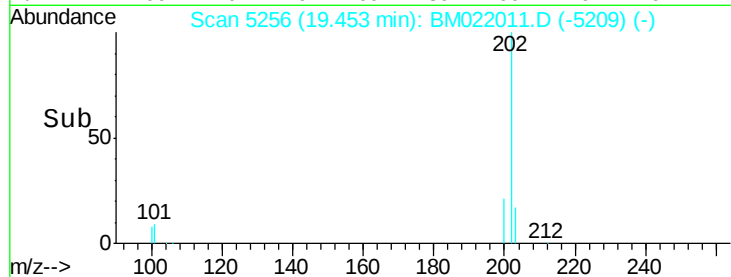
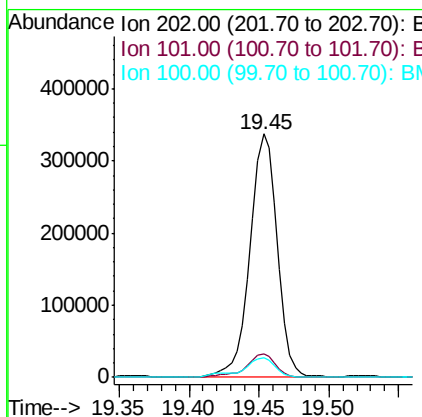
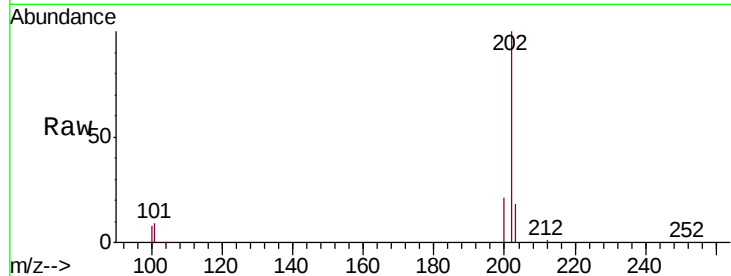
#17
 Pyrene
 Concen: 22.325 ng/ul
 RT: 19.45 min Scan# 5256
 Delta R.T. -0.02 min
 Lab File: BM022011.D
 Acq: 11 Aug 2019 01:04

Instrument :
 BNA_M
 ClientSampleId :
 BENZ2

Tgt Ion:	202	Resp:	454674
Ion Ratio	Lower	Upper	
202	100		
101	9.4	8.3	12.5
100	7.8	7.2	10.8

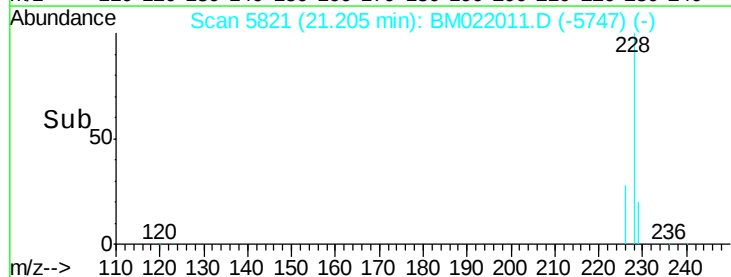
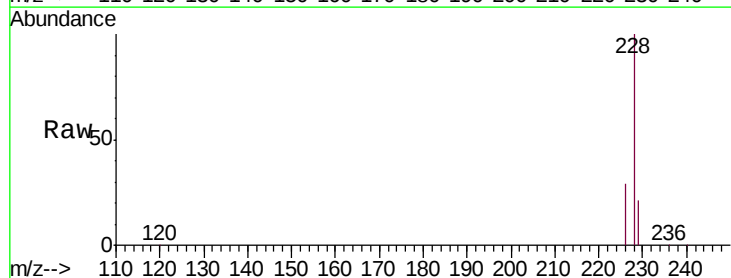
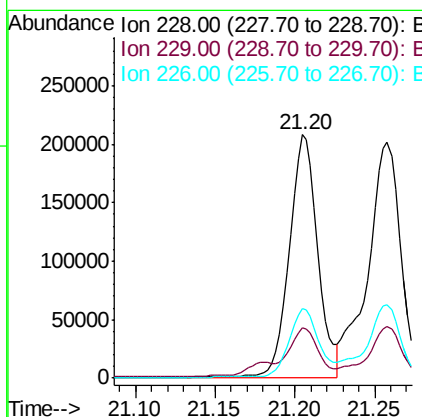
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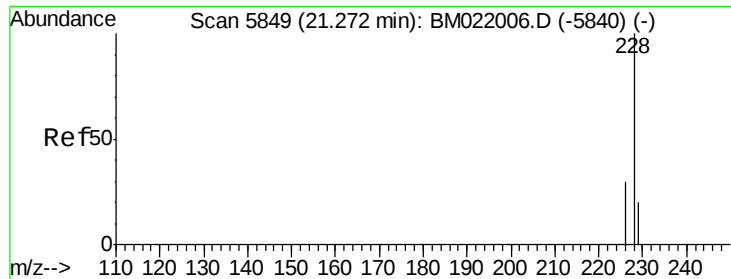
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#18
 Benzo(a)anthracene
 Concen: 14.745 ng/ul m
 RT: 21.20 min Scan# 5821
 Delta R.T. -0.02 min
 Lab File: BM022011.D
 Acq: 11 Aug 2019 01:04

Tgt Ion:	228	Resp:	261386
Ion Ratio	Lower	Upper	
228	100		
229	20.5	17.2	25.8
226	28.6	22.6	34.0





#19

Chrysene

Concen: 12.236 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.02 min

Lab File: BM022011.D

Acq: 11 Aug 2019 01:04

Instrument :

BNA_M

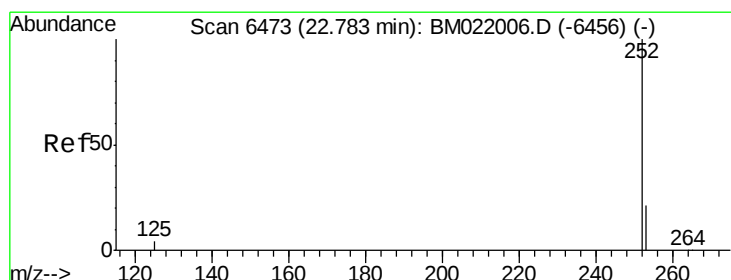
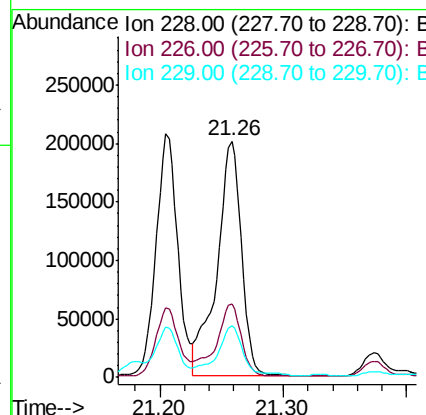
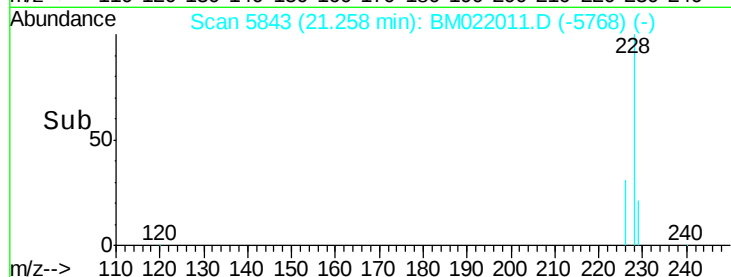
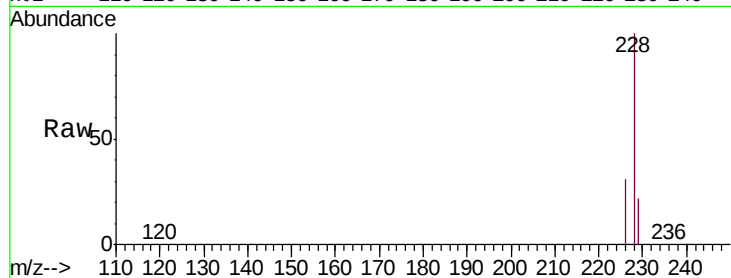
ClientSampled :

BENZ2

Tgt Ion:	228	Resp:	278953
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.9	37.3
229	21.7	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 23.312 ng/ul m

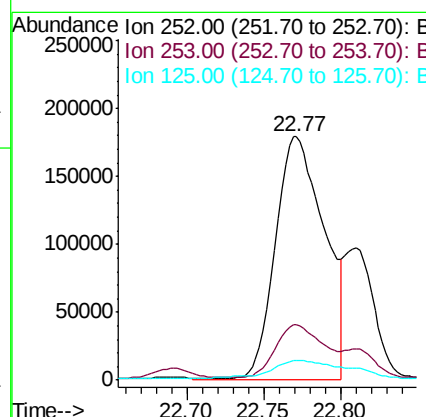
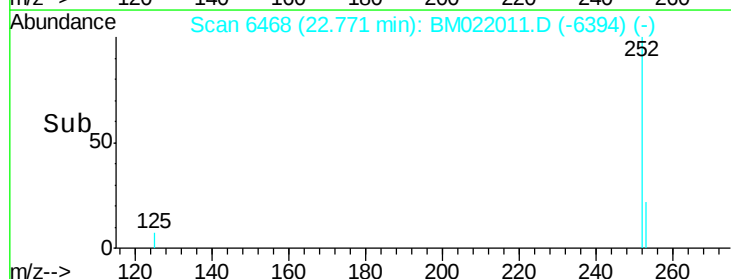
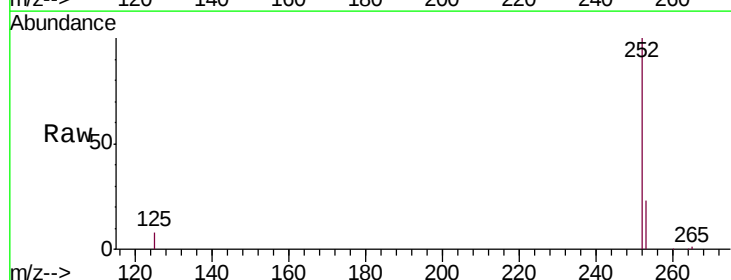
RT: 22.77 min Scan# 6468

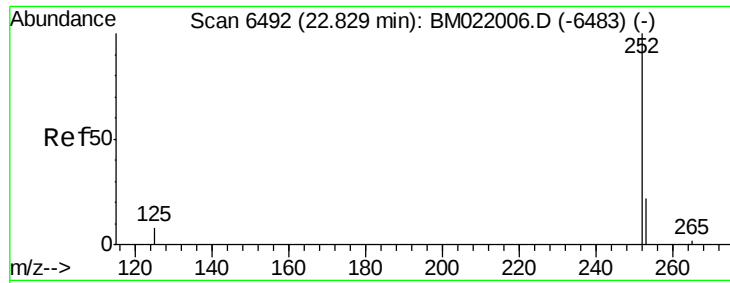
Delta R.T. -0.02 min

Lab File: BM022011.D

Acq: 11 Aug 2019 01:04

Tgt Ion:	252	Resp:	403038
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	67.4
125	8.0	0.0	31.0





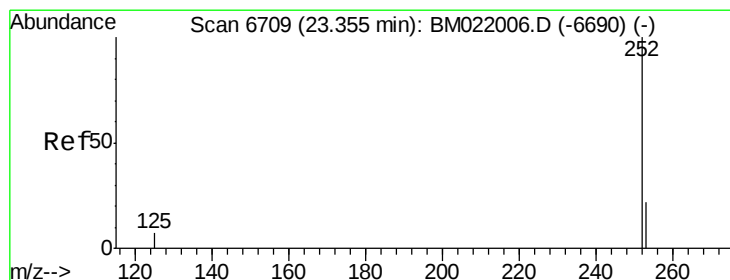
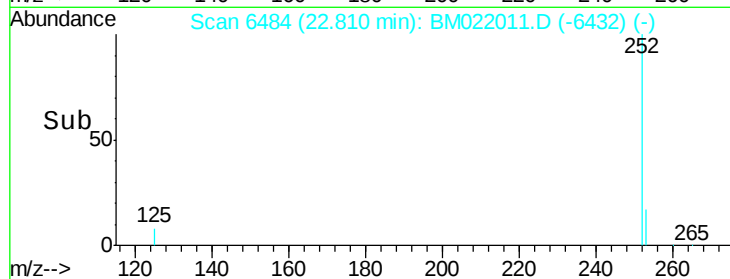
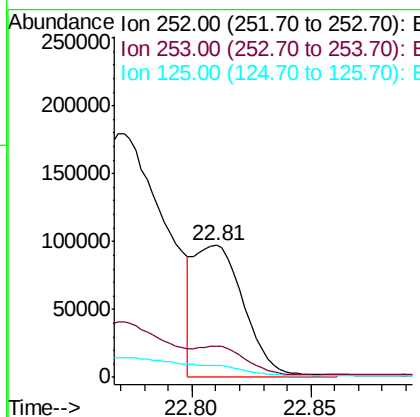
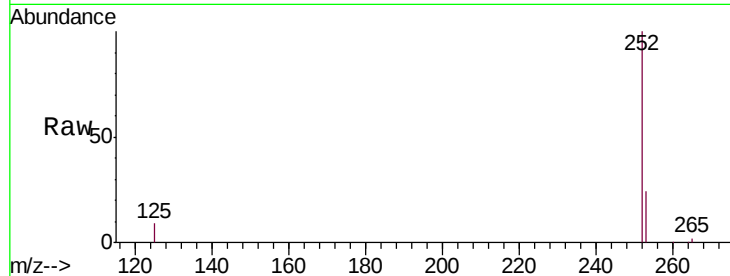
#22
Benzo(k)fluoranthene
Concen: 7.330 ng/ul m
RT: 22.81 min Scan# 6484
Delta R.T. -0.02 min
Lab File: BM022011.D
Acq: 11 Aug 2019 01:04

Instrument :
BNA_M
ClientSampled :
BENZ2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	27.0	40.4#
125	9.1	12.2	18.2#

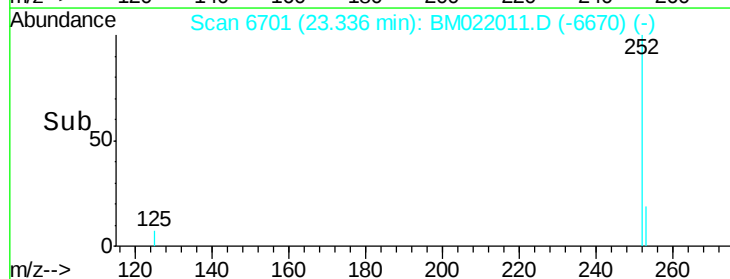
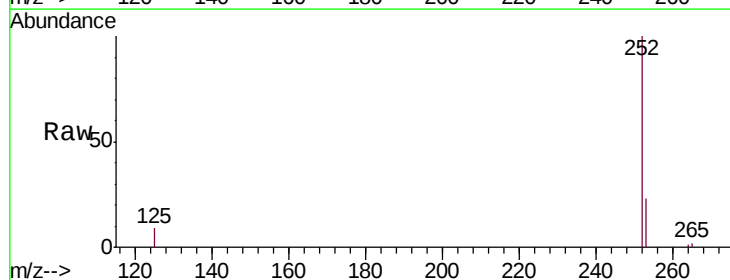
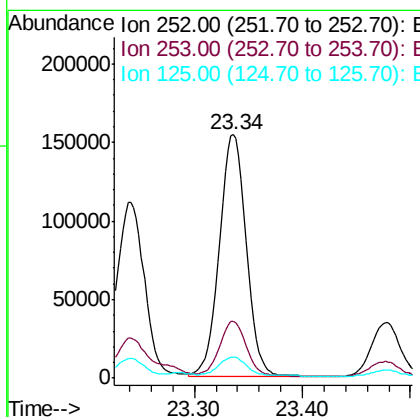
Manual Integrations
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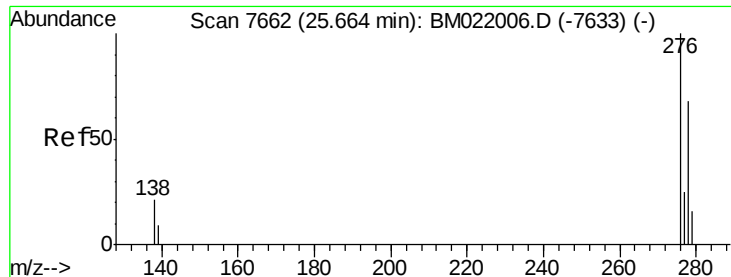
Sohil
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#23
Benzo(a)pyrene
Concen: 15.340 ng/ul
RT: 23.34 min Scan# 6701
Delta R.T. -0.02 min
Lab File: BM022011.D
Acq: 11 Aug 2019 01:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	31.7	47.5#
125	8.6	14.6	21.8#





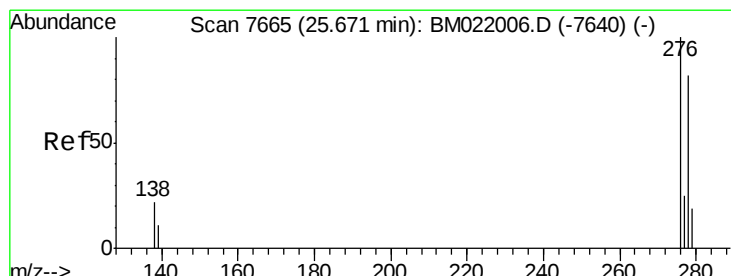
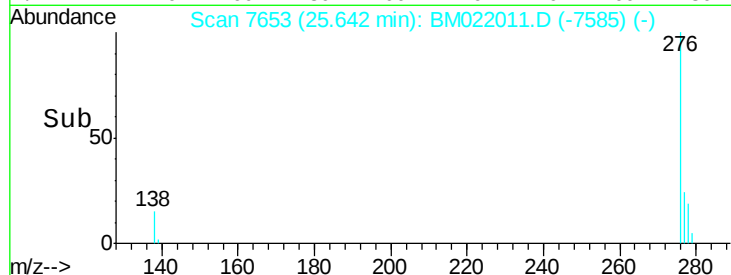
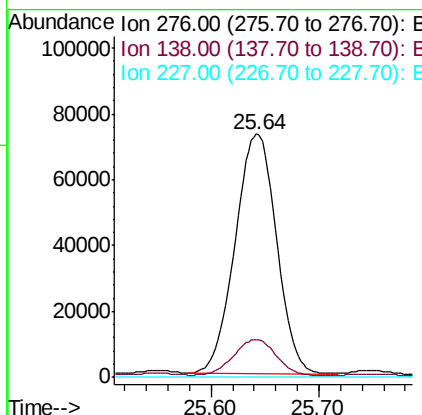
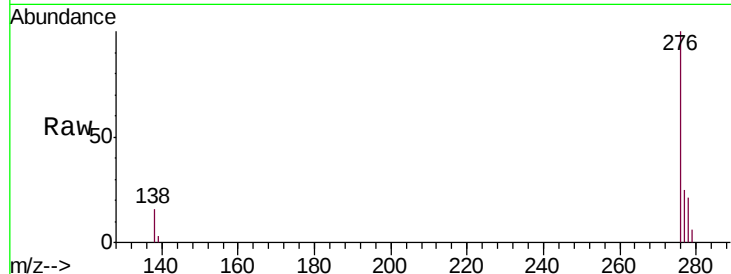
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 9.205 ng/u1
 RT: 25.64 min Scan# 7653
 Delta R.T. -0.03 min
 Lab File: BM022011.D
 Acq: 11 Aug 2019 01:04

Instrument :
 BNA_M
 ClientSampled :
 BENZ2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	15.1	22.7
227	0.0	0.0	0.0

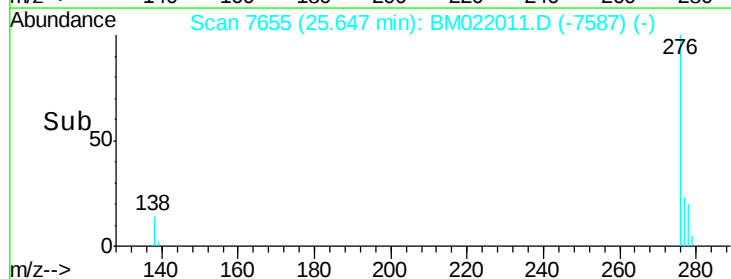
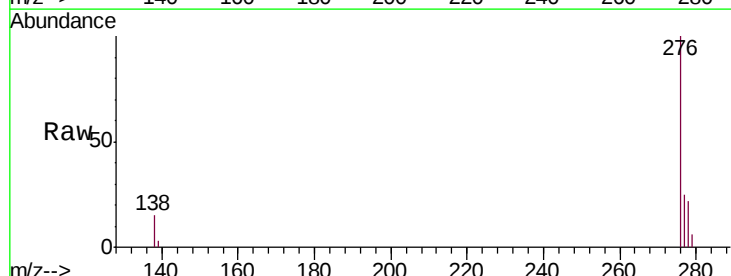
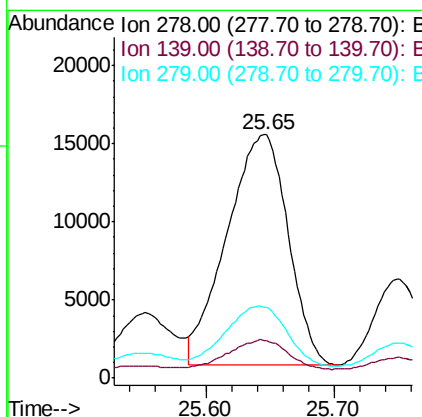
Manual Integrations
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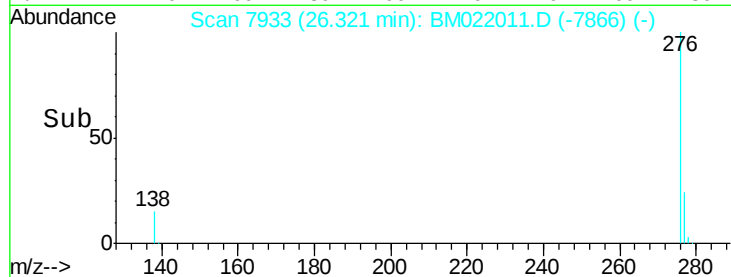
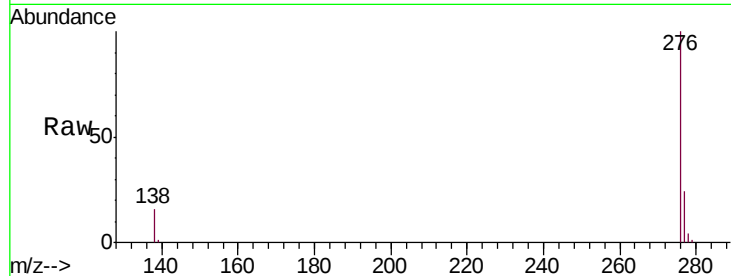
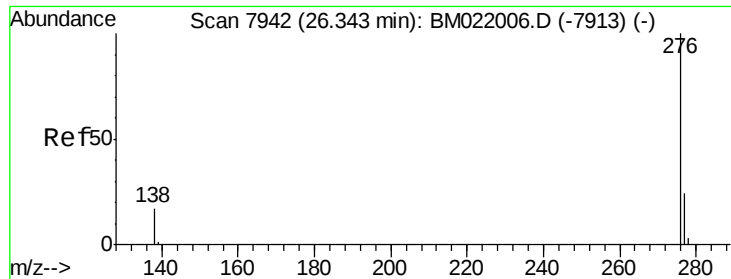
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#25
 Dibenzo(a,h)anthracene
 Concen: 2.879 ng/u1
 RT: 25.65 min Scan# 7655
 Delta R.T. -0.03 min
 Lab File: BM022011.D
 Acq: 11 Aug 2019 01:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	14.2	21.2
279	29.3	28.3	42.5





#26

Benzo(g,h,i)perylene

Concen: 10.139 ng/u1

RT: 26.32 min Scan# 7933

Delta R.T. -0.04 min

Lab File: BM022011.D

Acq: 11 Aug 2019 01:04

Instrument :

BNA_M

ClientSampleId :

BENZ2

Tgt	Ion	276	Resp:	191624
Ion	Ratio	Lower	Upper	
276	100			
138	16.0	15.5	23.3	
277	24.2	21.4	32.2	

Manual Integrations
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