

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025639.D
 Acq On : 18 Mar 2020 21:46
 Operator : CG/JU
 Sample : L1786-13DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9DL

Manual Integrations
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Quant Time: Mar 19 00:32:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 05:07:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2507	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10041	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6388	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	15000	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	16341	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	17797	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	365	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1011	0.02	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.40	128	7261	0.244	ng/ul	100
5) 2-Methylnaphthalene	12.02	142	2160	0.102	ng/ul	98
7) Acenaphthylene	13.94	152	6651	0.255	ng/ul#	86
8) Acenaphthene	14.28	153	8021	0.350	ng/ul	99
9) Fluorene	15.27	166	13747	0.493	ng/ul	100
12) Phenanthrene	17.00	178	187299	3.940	ng/ul	100
13) Anthracene	17.09	178	52480	1.269	ng/ul	99
15) Fluoranthene	19.03	202	406560	7.890	ng/ul	99
17) Pyrene	19.39	202	325970	4.444	ng/ul	99
18) Benzo(a)anthracene	21.14	228	209476	3.585	ng/ul	99
19) Chrysene	21.19	228	193538	2.950	ng/ul	97
21) Benzo(b)fluoranthene	22.67	252	259651m	3.684	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	94340m	1.278	ng/ul	
23) Benzo(a)pyrene	23.21	252	177339m	3.030	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.43	276	119271	1.502	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.43	278	34121	0.511	ng/ul	98
26) Benzo(a,h,i)perylene	26.08	276	85611	1.243	ng/ul	98

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

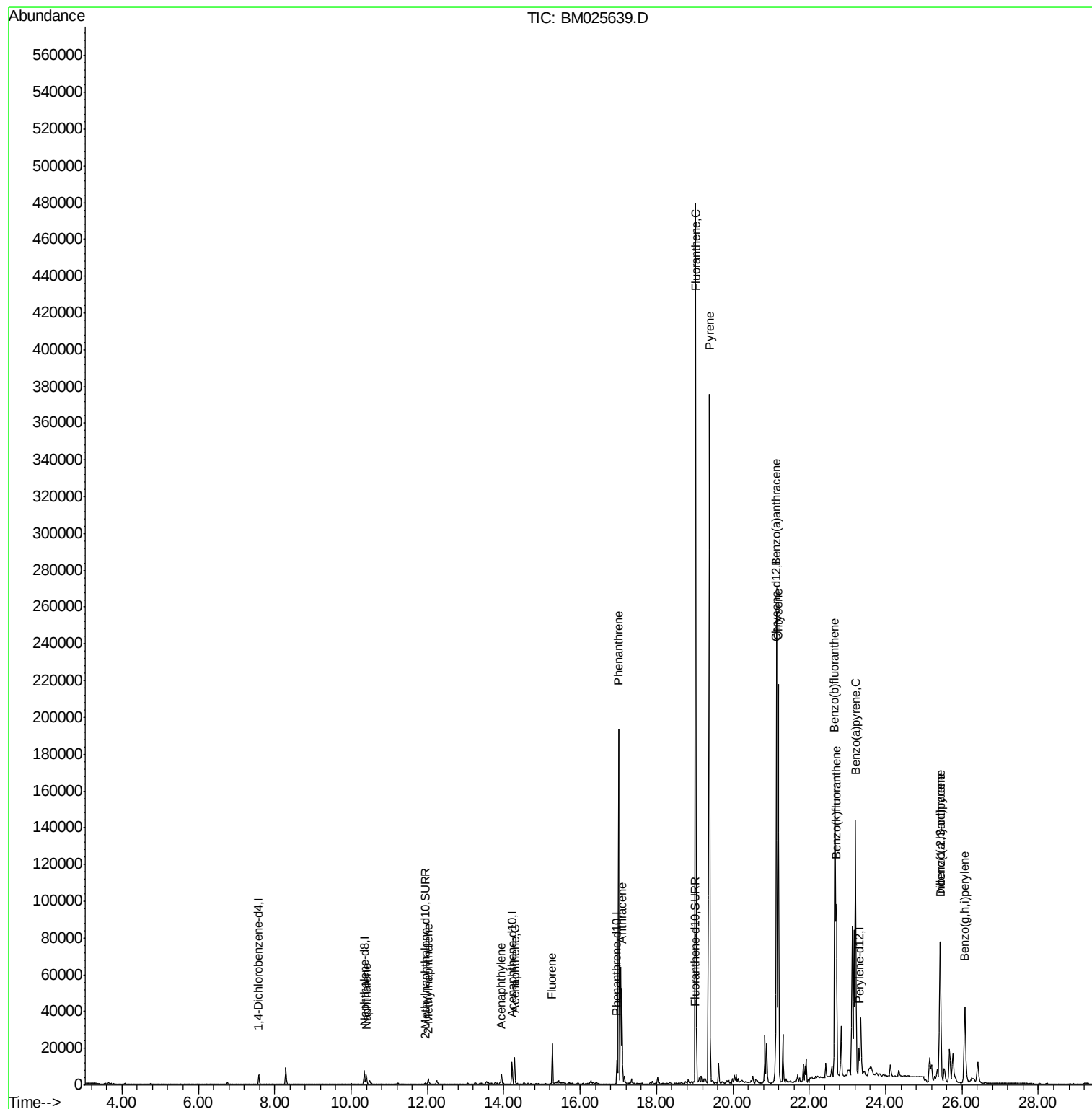
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
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ALS Vial : 15 Sample Multiplier: 1

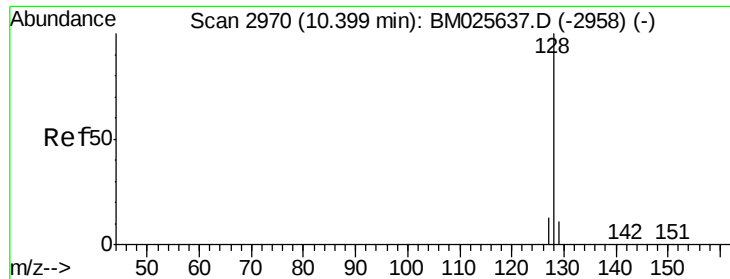
Instrument :
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Quant Time: Mar 19 00:32:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.244 ng/ul

RT: 10.40 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BM025639.D

Acq: 18 Mar 2020 21:46

Instrument :

BNA_M

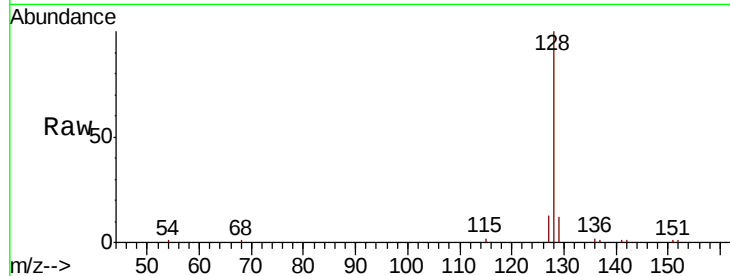
ClientSampleId :

C0AC9DL

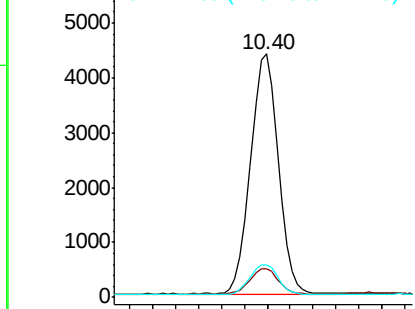
Tot Ion:	128	Resp:	7261
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	13.5	10.9	16.3

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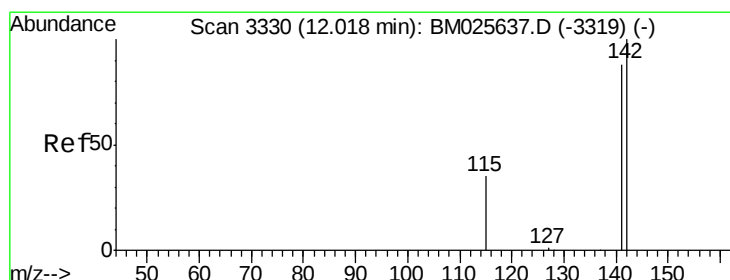
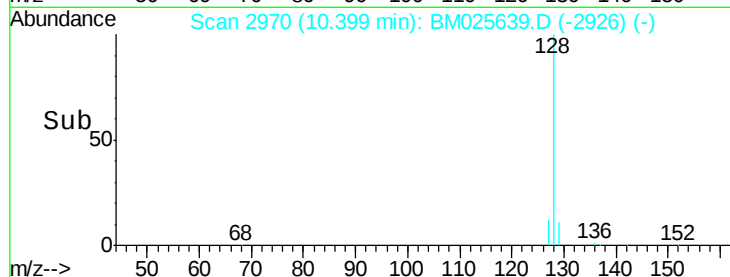
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.102 ng/ul

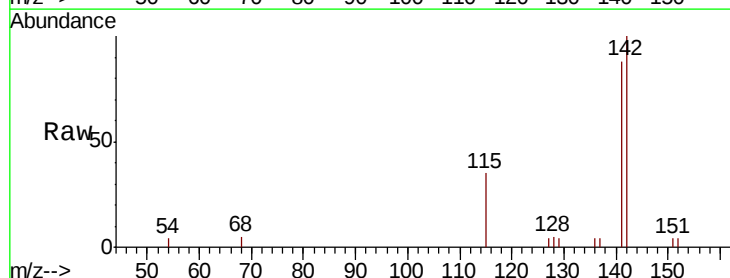
RT: 12.02 min Scan# 3331

Delta R.T. -0.00 min

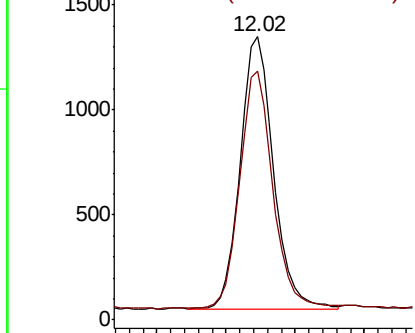
Lab File: BM025639.D

Acq: 18 Mar 2020 21:46

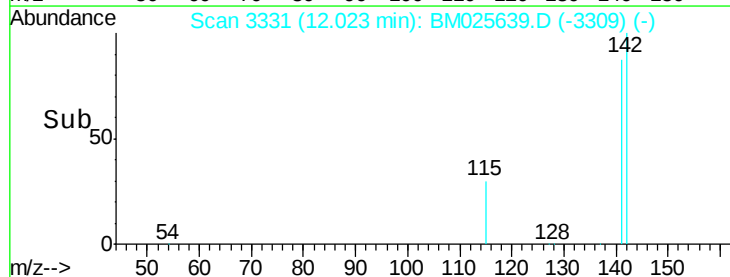
Tgt Ion:	142	Resp:	2160
Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.8	104.6

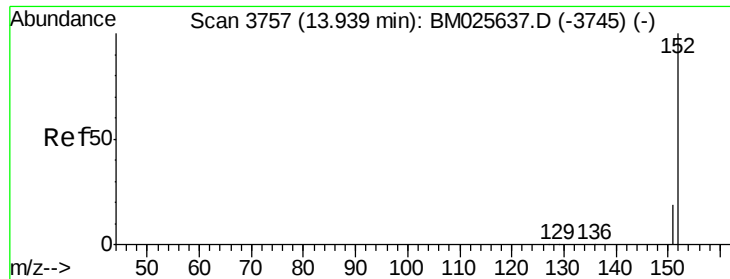


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.255 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025639.D

Acq: 18 Mar 2020 21:46

Instrument :

BNA_M

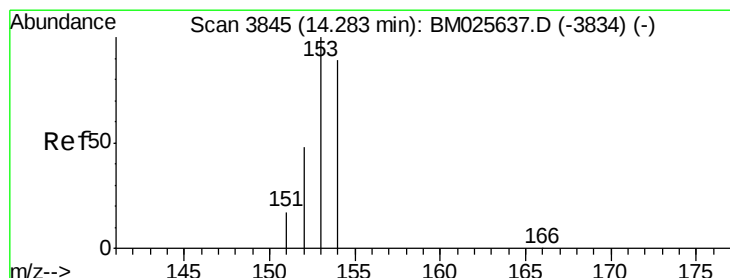
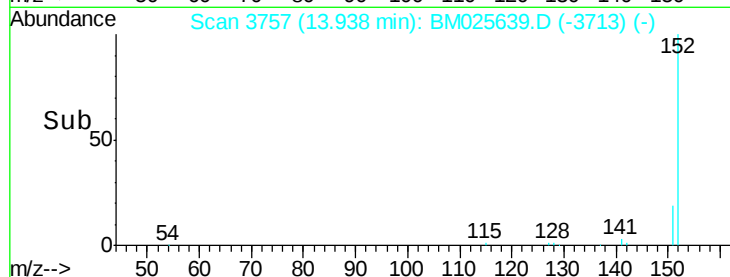
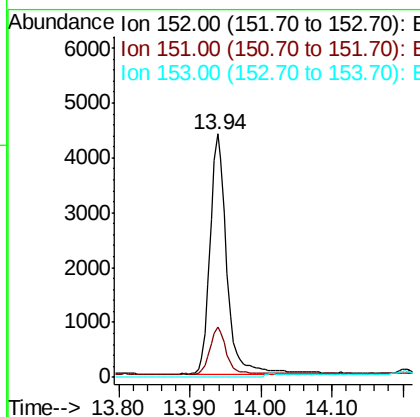
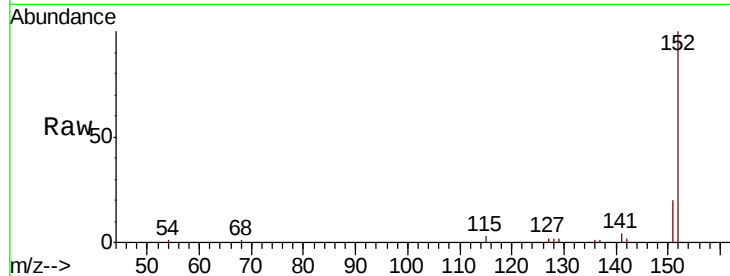
ClientSampleId :

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Tot Ion:	152	Resp:	6651
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.2
153	0.0	10.6	16.0#

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#8

Acenaphthene

Concen: 0.350 ng/ul

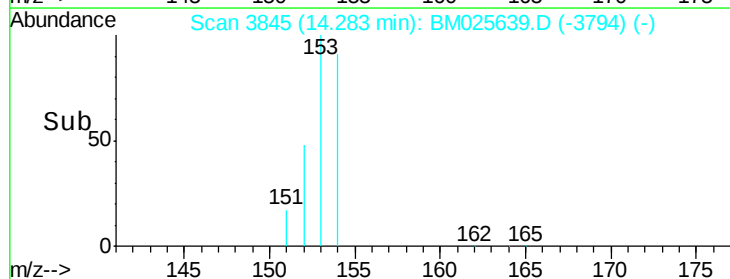
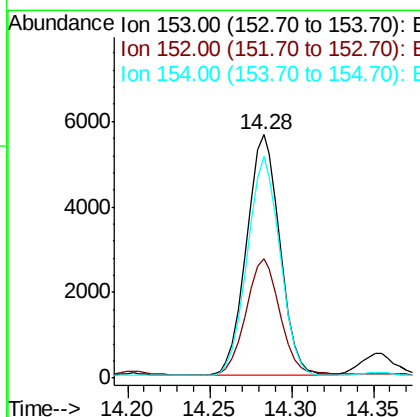
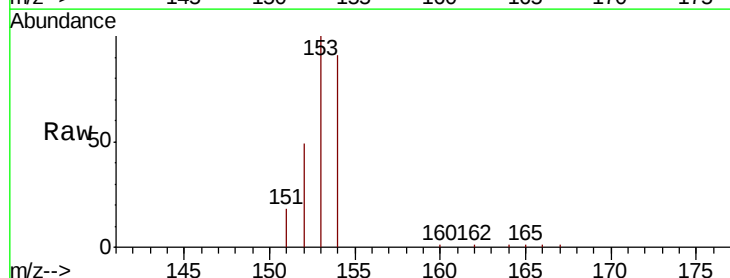
RT: 14.28 min Scan# 3845

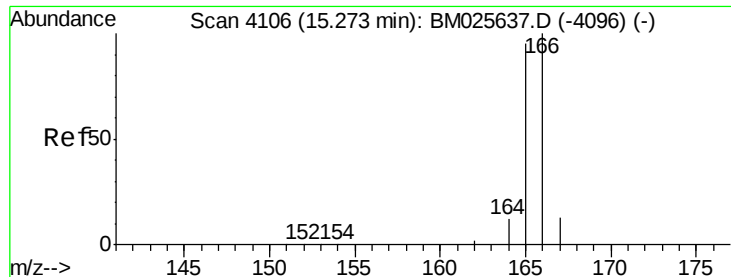
Delta R.T. -0.01 min

Lab File: BM025639.D

Acq: 18 Mar 2020 21:46

Tgt Ion:	153	Resp:	8021
Ion Ratio	Lower	Upper	
153	100		
152	49.3	39.5	59.3
154	91.3	71.7	107.5





#9

Fluorene

Concen: 0.493 ng/ul

RT: 15.27 min Scan# 4106

Delta R.T. -0.01 min

Lab File: BM025639.D

Acq: 18 Mar 2020 21:46

Instrument :

BNA_M

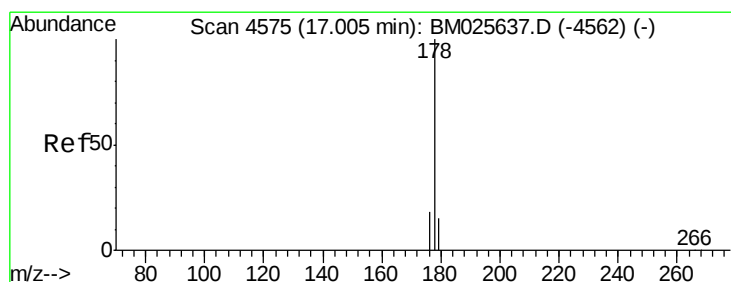
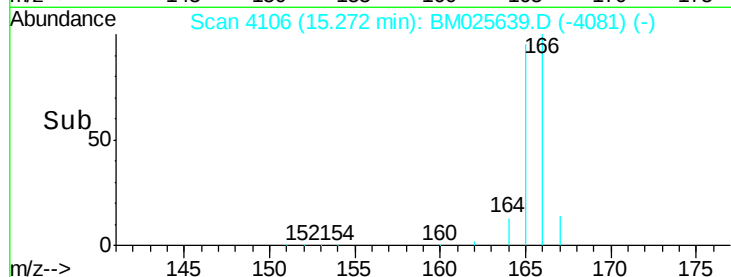
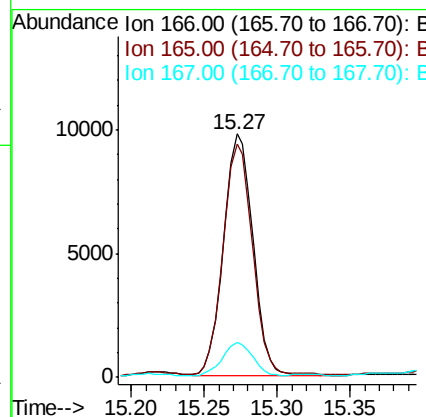
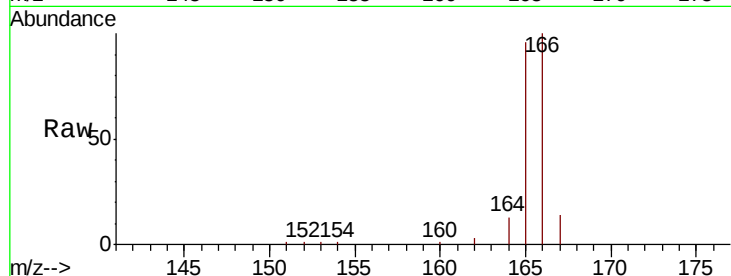
ClientSampleId :

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Tot Ion:	166	Resp:	13747
Ion Ratio	Lower	Upper	
166	100		
165	95.7	76.8	115.2
167	14.4	11.2	16.8

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#12

Phenanthrene

Concen: 3.940 ng/ul

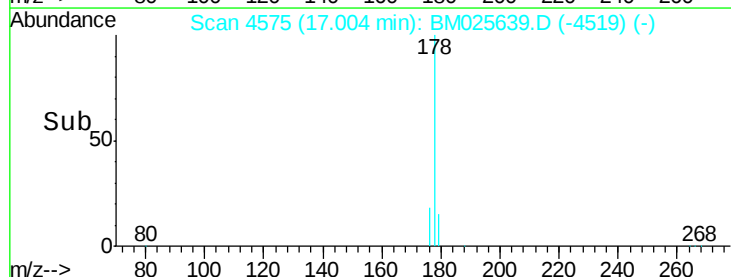
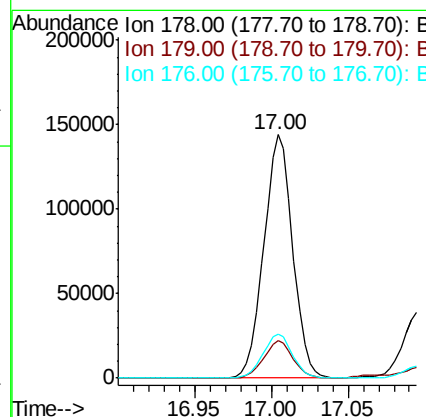
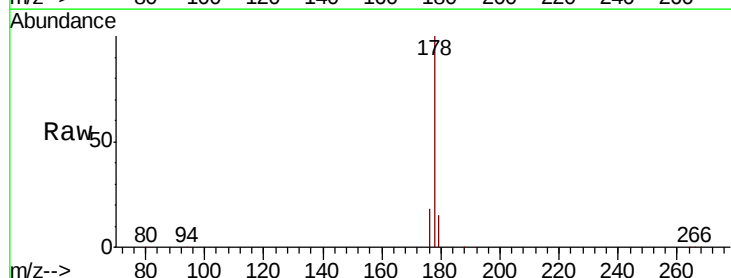
RT: 17.00 min Scan# 4575

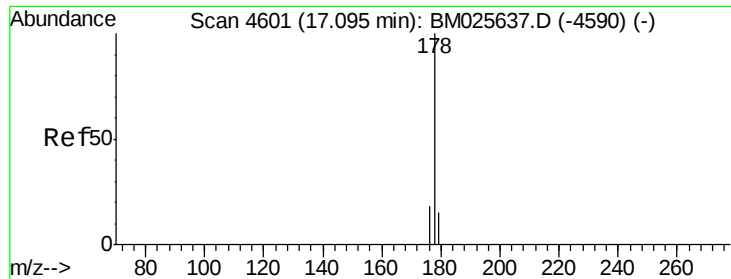
Delta R.T. -0.01 min

Lab File: BM025639.D

Acq: 18 Mar 2020 21:46

Tgt Ion:	178	Resp:	187299
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	18.3	14.8	22.2





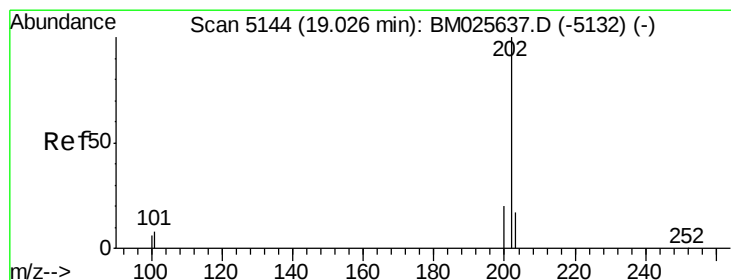
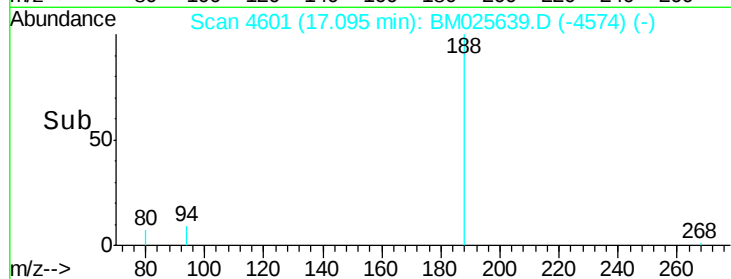
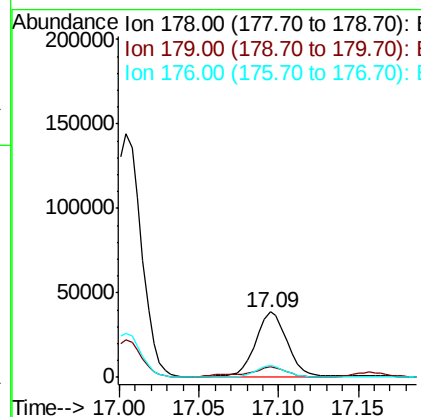
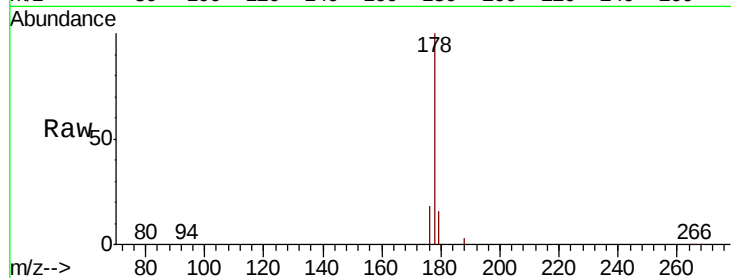
#13
 Anthracene
 Concen: 1.269 ng/ul
 RT: 17.09 min Scan# 4601
 Delta R.T. -0.01 min
 Lab File: BM025639.D
 Acq: 18 Mar 2020 21:46

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	17.6	14.5	21.7

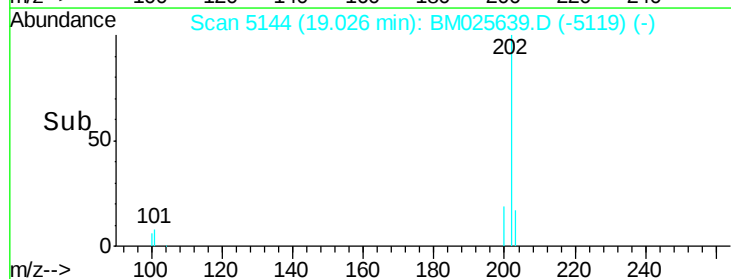
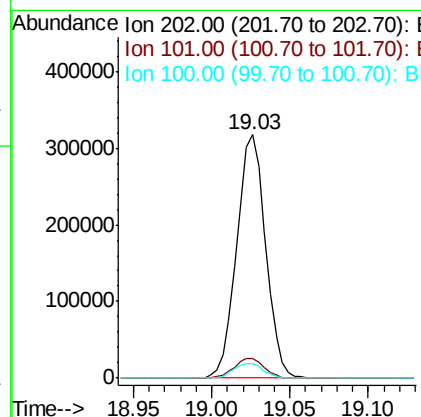
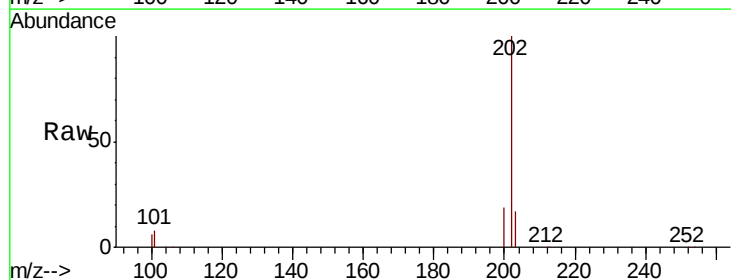
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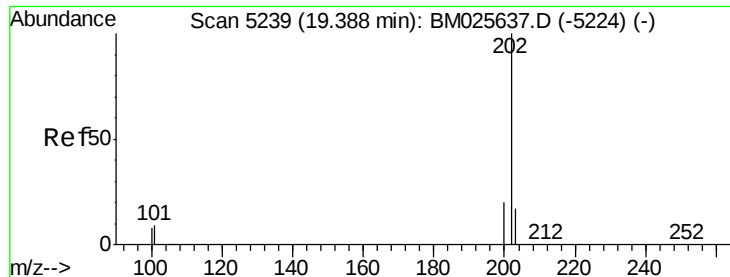
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#15
 Fluoranthene
 Concen: 7.890 ng/ul
 RT: 19.03 min Scan# 5144
 Delta R.T. -0.01 min
 Lab File: BM025639.D
 Acq: 18 Mar 2020 21:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.5
100	6.2	0.0	26.0





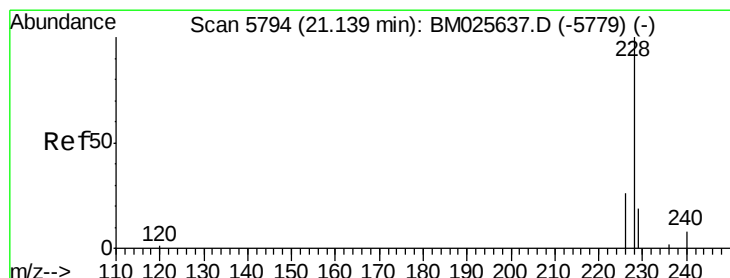
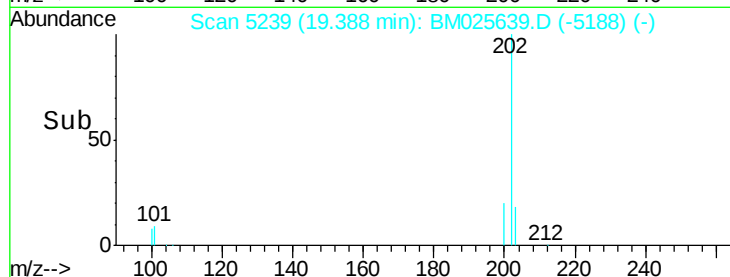
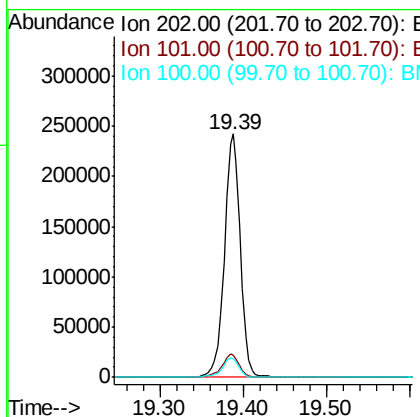
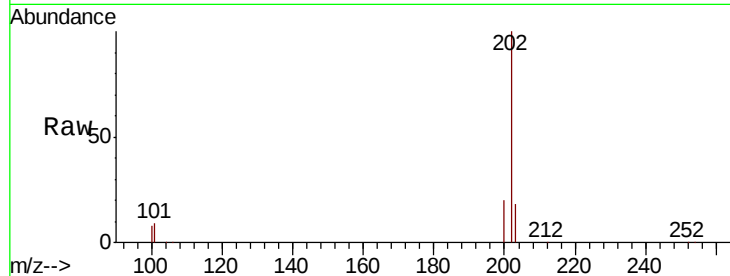
#17
Pvrene
Concen: 4.444 ng/ul
RT: 19.39 min Scan# 5239
Delta R.T. -0.01 min
Lab File: BM025639.D
Acq: 18 Mar 2020 21:46

Instrument :
BNA_M
ClientSampleId :
C0AC9DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	7.1	10.7
100	7.6	6.0	9.0

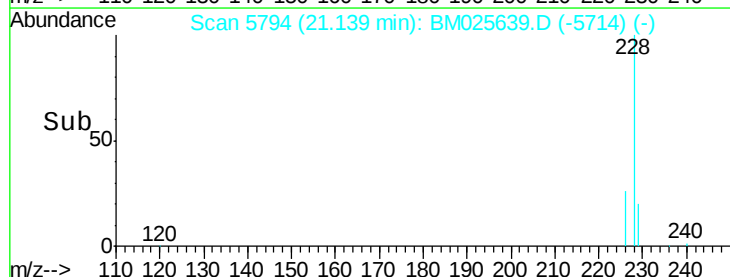
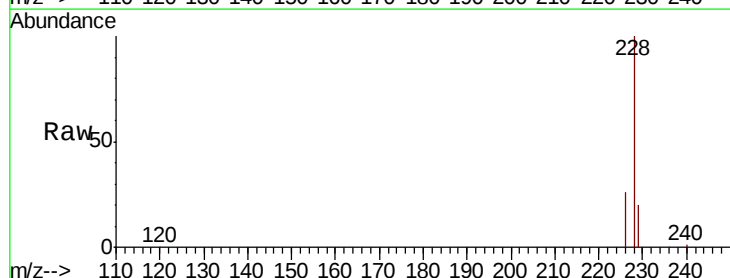
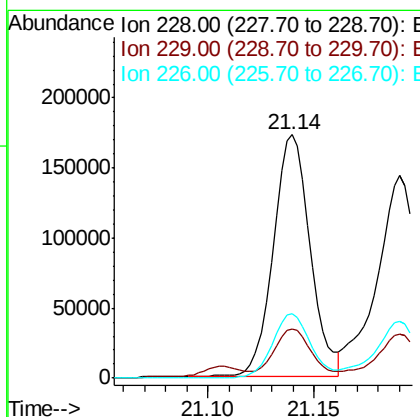
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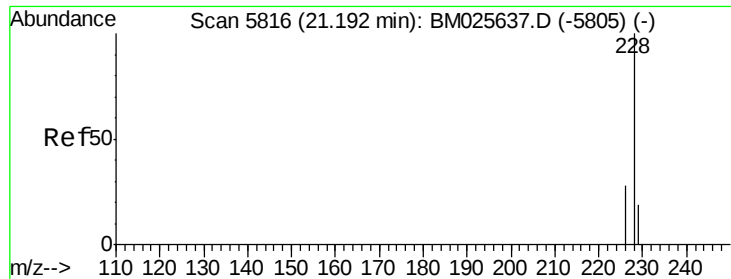
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#18
Benzo(a)anthracene
Concen: 3.585 ng/ul
RT: 21.14 min Scan# 5794
Delta R.T. -0.01 min
Lab File: BM025639.D
Acq: 18 Mar 2020 21:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.2	15.6	23.4
226	26.2	21.1	31.7





#19

Chrysene

Concen: 2.950 ng/ul

RT: 21.19 min Scan# 5815

Delta R.T. -0.01 min

Lab File: BM025639.D

Acq: 18 Mar 2020 21:46

Instrument :

BNA_M

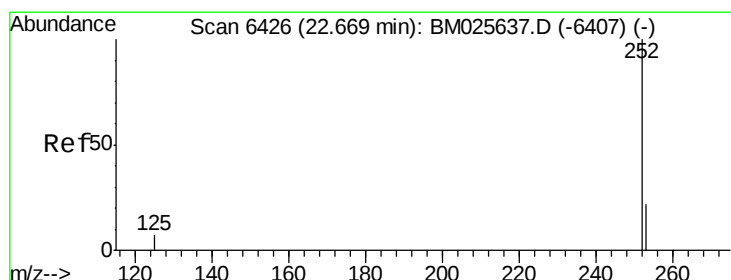
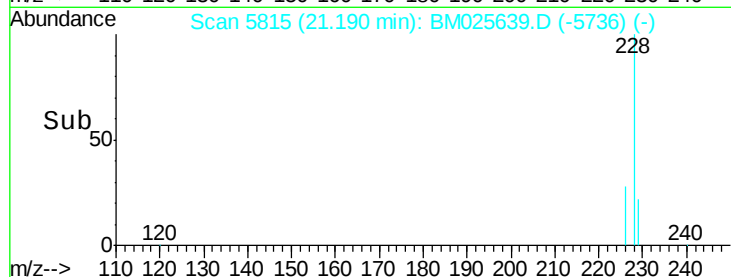
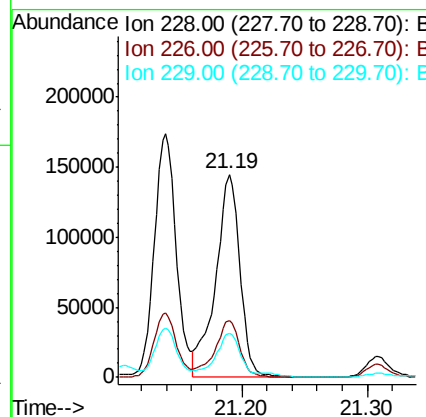
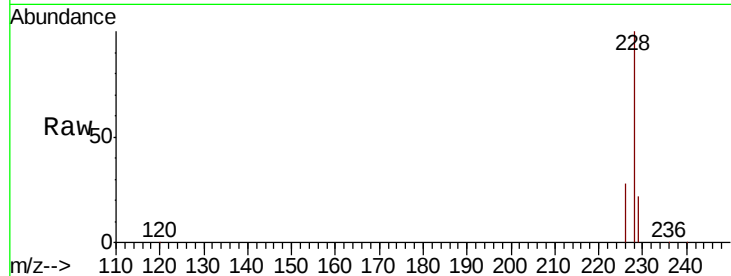
ClientSampleId :

C0AC9DL

Tot Ion:	228	Resp:	193538
Ion Ratio	Lower	Upper	
228	100		
226	28.1	23.6	35.4
229	21.8	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 3.684 ng/ul m

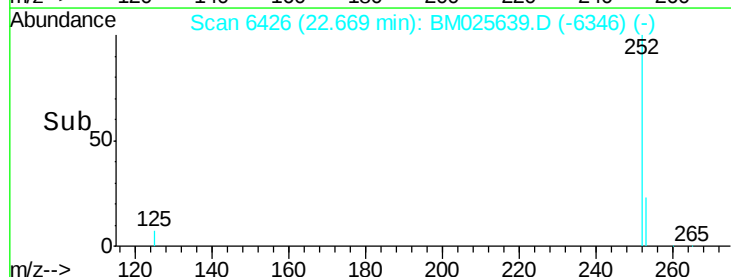
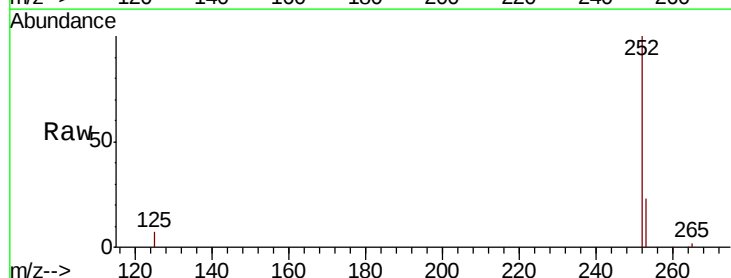
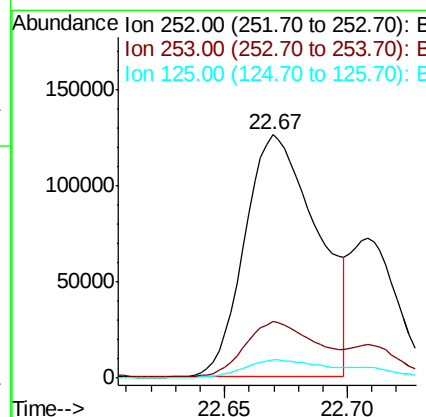
RT: 22.67 min Scan# 6426

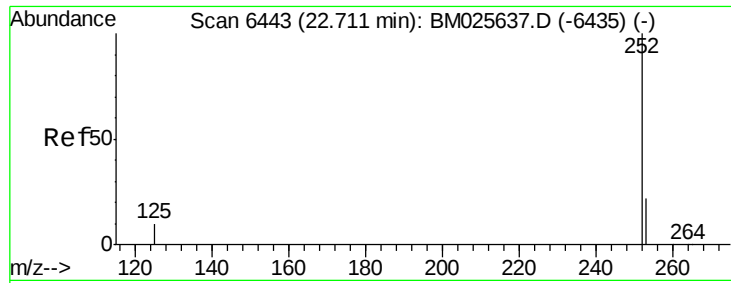
Delta R.T. -0.01 min

Lab File: BM025639.D

Acq: 18 Mar 2020 21:46

Tgt Ion:	252	Resp:	259651
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	50.2
125	7.4	0.0	17.6





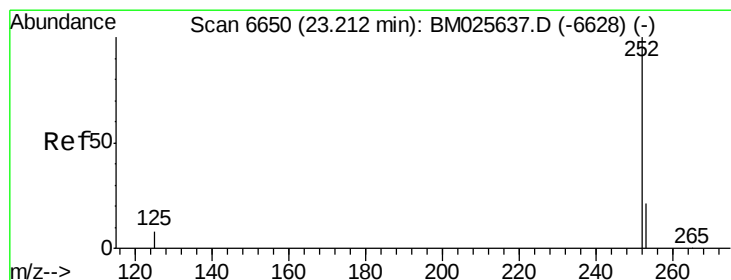
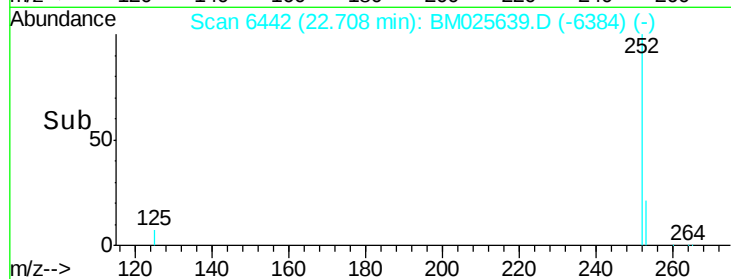
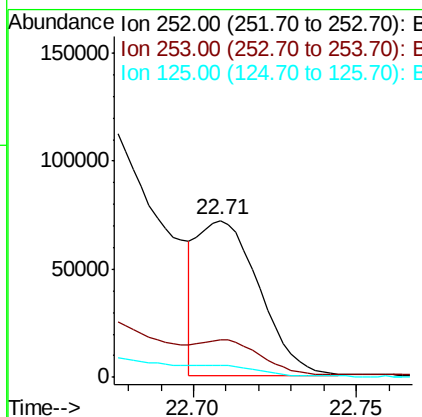
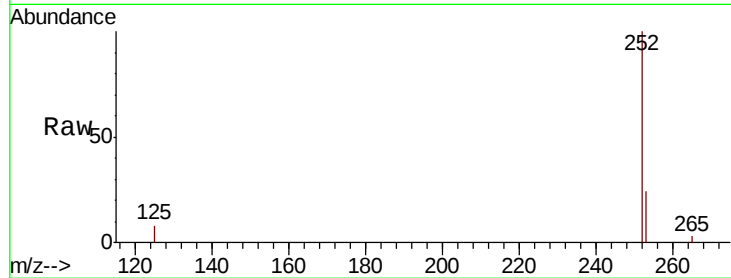
#22
Benzo(k)fluoranthene
Concen: 1.278 ng/ul m
RT: 22.71 min Scan# 6442
Delta R.T. -0.01 min
Lab File: BM025639.D
Acq: 18 Mar 2020 21:46

Instrument :
BNA_M
ClientSampleId :
C0AC9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.8	29.8
125	7.9	7.1	10.7

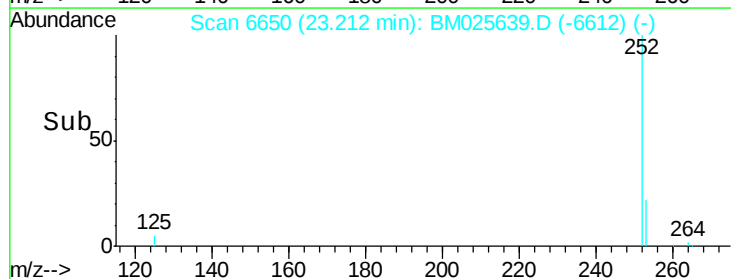
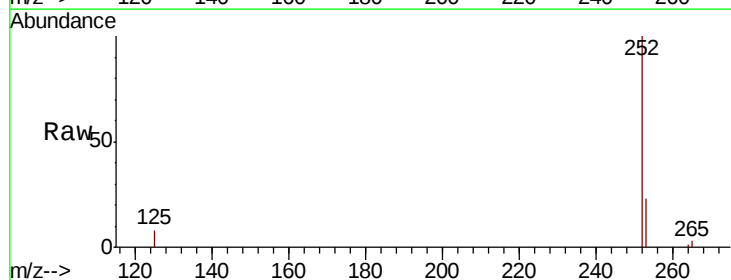
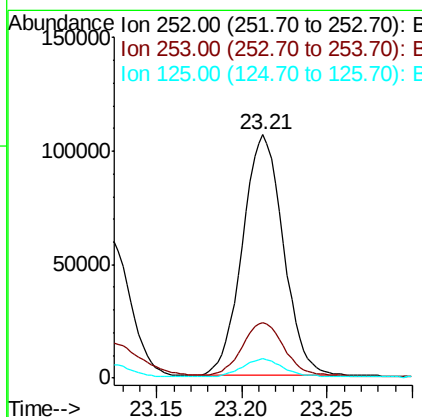
Manual Integrations
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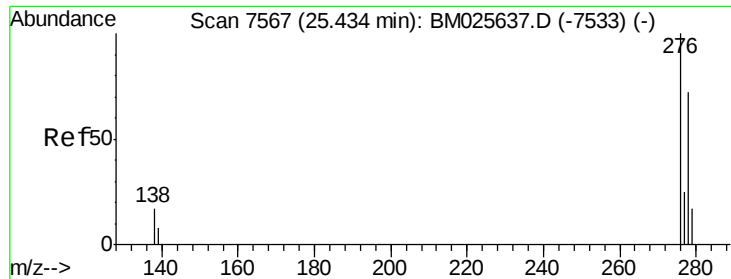
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#23
Benzo(a)pyrene
Concen: 3.030 ng/ul m
RT: 23.21 min Scan# 6650
Delta R.T. -0.01 min
Lab File: BM025639.D
Acq: 18 Mar 2020 21:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	21.3	31.9
125	7.9	8.5	12.7#





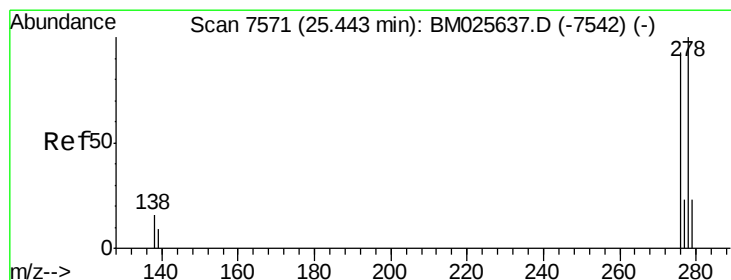
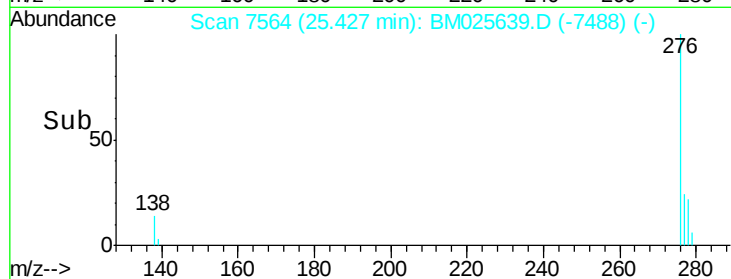
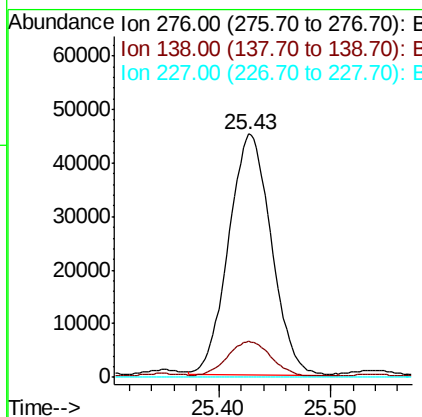
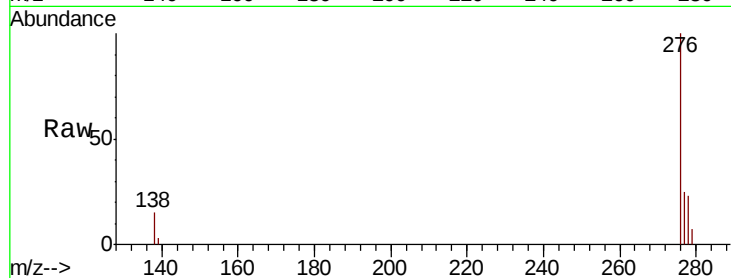
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.502 ng/uL
RT: 25.43 min Scan# 7564
Delta R.T. -0.01 min
Lab File: BM025639.D
Acq: 18 Mar 2020 21:46

Instrument :
BNA_M
ClientSampleId :
C0AC9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.3	18.5
227	0.0	0.0	0.0

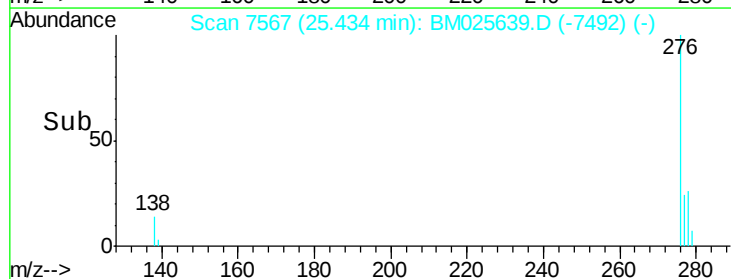
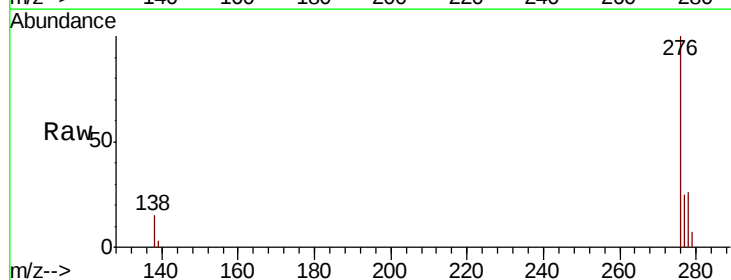
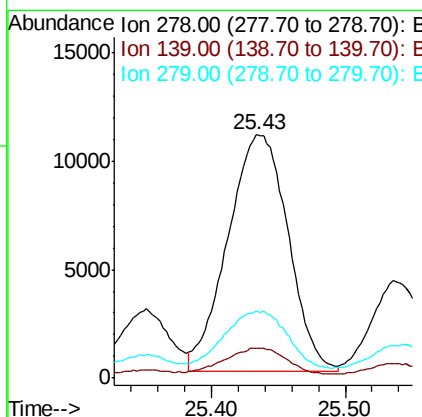
Manual Integrations
APPROVED

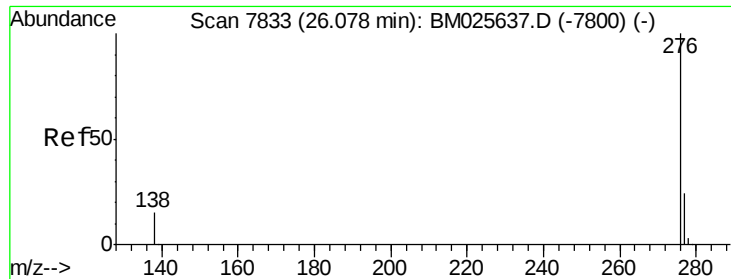
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#25
Dibenzo(a,h)anthracene
Concen: 0.511 ng/uL
RT: 25.43 min Scan# 7567
Delta R.T. -0.02 min
Lab File: BM025639.D
Acq: 18 Mar 2020 21:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.0	13.6
279	27.7	21.1	31.7





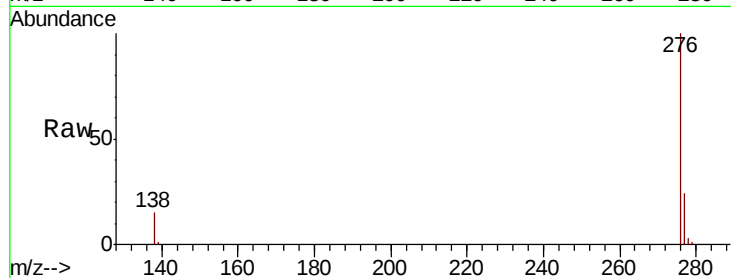
#26
 Benzo(a,h,i)perylene
 Concen: 1.243 ng/ul
 RT: 26.08 min Scan# 7833
 Delta R.T. -0.01 min
 Lab File: BM025639.D
 Acq: 18 Mar 2020 21:46

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9DL

Tot Ion:	276	Resp:	85611
Ion Ratio	Lower	Upper	
276	100		
138	14.7	11.0	16.4
277	24.1	19.8	29.6

Manual Integrations
 APPROVED

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

