

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025496.D
 Acq On : 11 Mar 2020 18:05
 Operator : CG/JU
 Sample : L1677-04
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CC8

Manual Integrations
 APPROVED

mohammad
 3/13/2020 8:49:02 AM

Quant Time: Mar 12 02:06:25 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 : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3327	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	14078	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9904	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	21374	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	15581	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	15586	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6368	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	15667	0.27	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.48	128	3946	0.095	ng/ul	96
5) 2-Methylnaphthalene	12.09	142	3533	0.119	ng/ul	99
7) Acenaphthylene	14.01	152	2365	0.058	ng/ul#	86
8) Acenaphthene	14.35	153	12173	0.343	ng/ul	99
9) Fluorene	15.34	166	28332	0.655	ng/ul	99
12) Phenanthrene	17.07	178	79729	1.177	ng/ul	100
13) Anthracene	17.16	178	14345	0.243	ng/ul	99
15) Fluoranthene	19.09	202	221383	3.015	ng/ul	100
17) Pyrene	19.45	202	150982	2.159	ng/ul	99
18) Benzo(a)anthracene	21.20	228	30527	0.548	ng/ul	97
19) Chrysene	21.26	228	32987	0.527	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	34980m	0.567	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	14578m	0.225	ng/ul	
23) Benzo(a)pyrene	23.31	252	22847	0.446	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.57	276	16228	0.233	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.58	278	4792	0.082	ng/ul#	79
26) Benzo(a,h,i)perylene	26.24	276	14646	0.243	ng/ul#	97

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

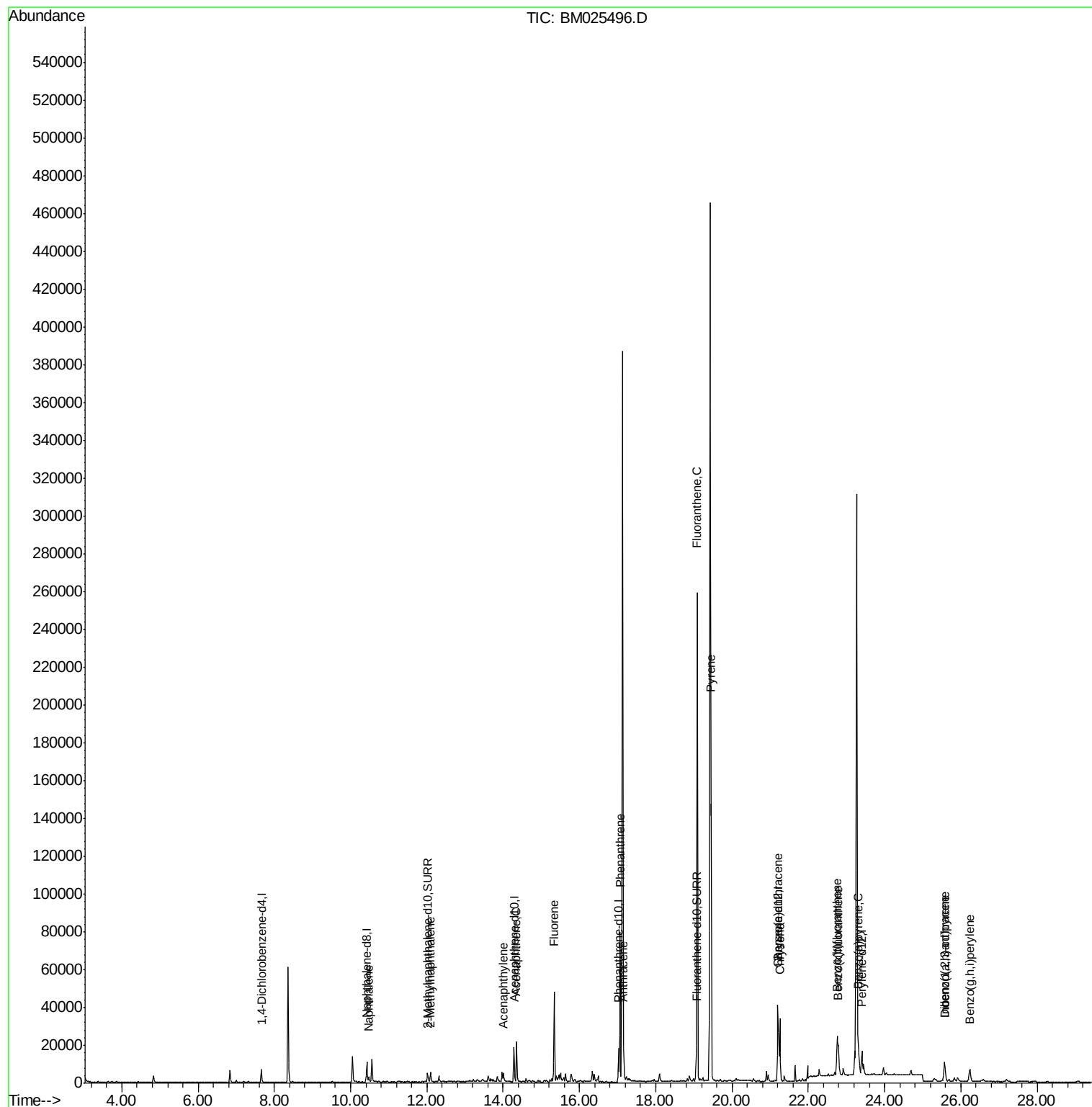
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
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ALS Vial : 89 Sample Multiplier: 1

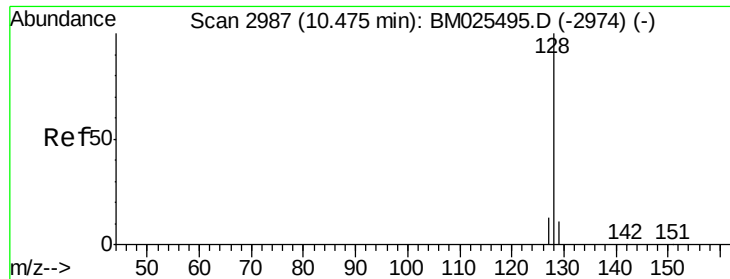
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
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QLast Update : Mon Mar 09 13:32:56 2020
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#3

Naphthalene

Concen: 0.095 ng/ul

RT: 10.48 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BM025496.D

Acq: 11 Mar 2020 18:05

Instrument :

BNA_M

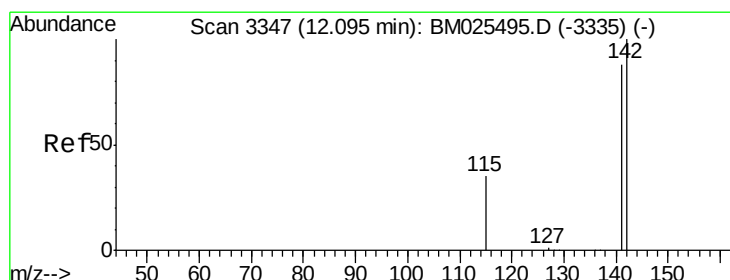
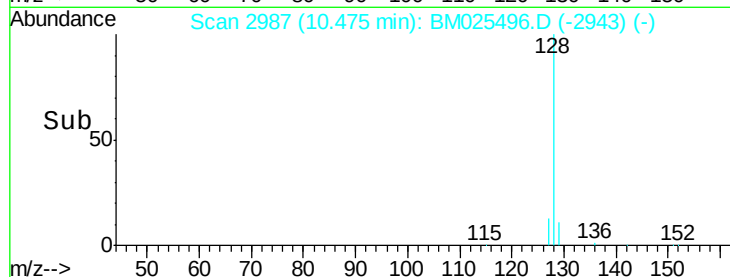
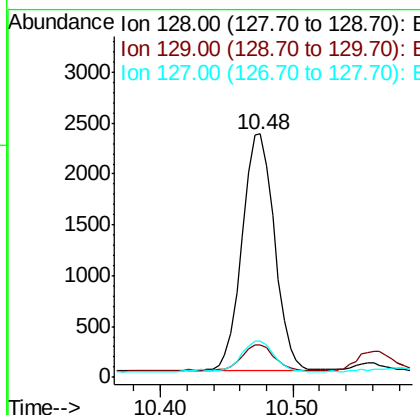
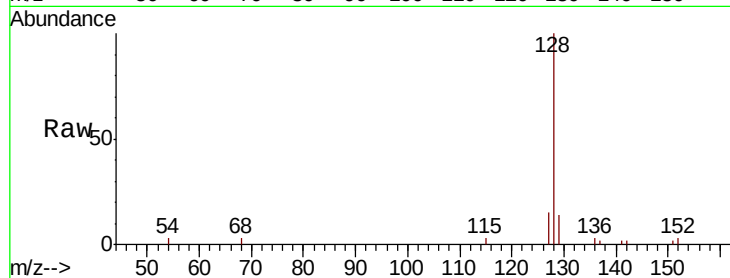
ClientSampleId :

C0CC8

Tot Ion:128	Resp:	3946
Ion Ratio	Lower	Upper
128	100	
129	13.5	9.4 14.0
127	14.9	10.9 16.3

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#5

2-Methylnaphthalene

Concen: 0.119 ng/ul

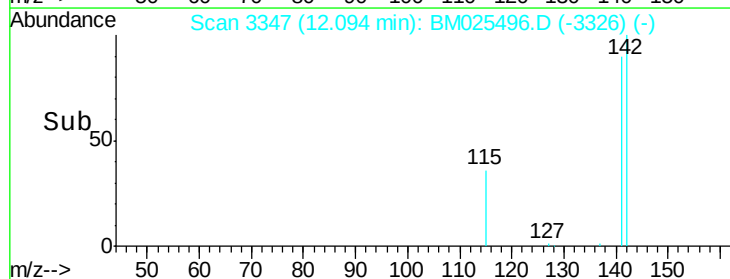
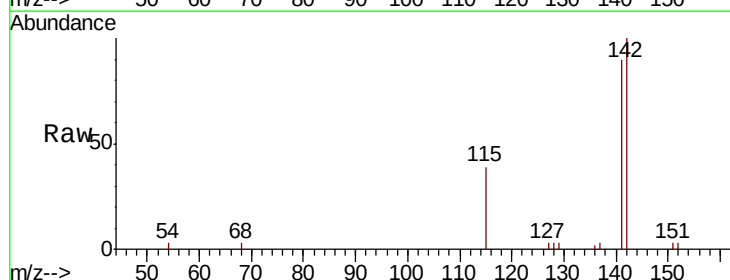
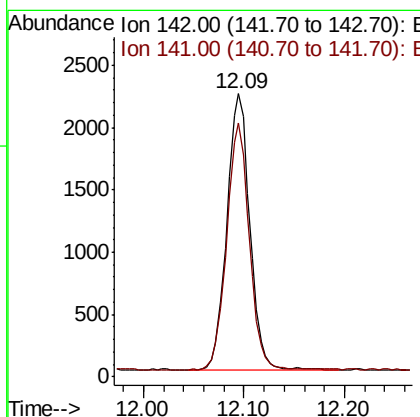
RT: 12.09 min Scan# 3347

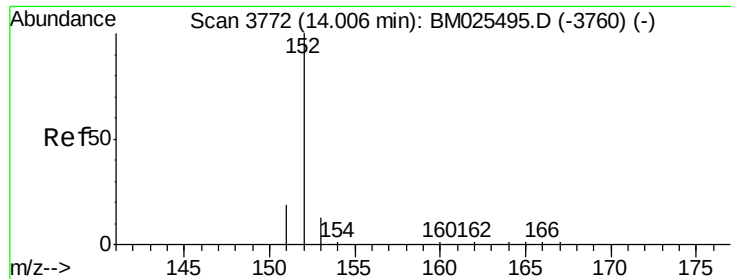
Delta R.T. -0.01 min

Lab File: BM025496.D

Acq: 11 Mar 2020 18:05

Tgt Ion:142	Resp:	3533
Ion Ratio	Lower	Upper
142	100	
141	88.0	69.8 104.6





#7

Acenaphthylene

Concen: 0.058 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025496.D

Acq: 11 Mar 2020 18:05

Instrument :

BNA_M

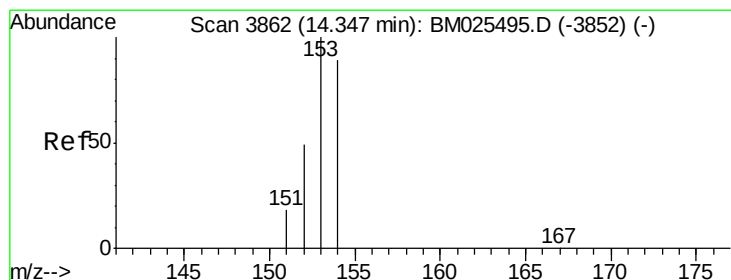
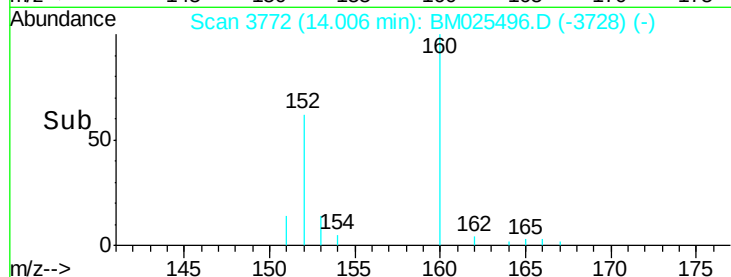
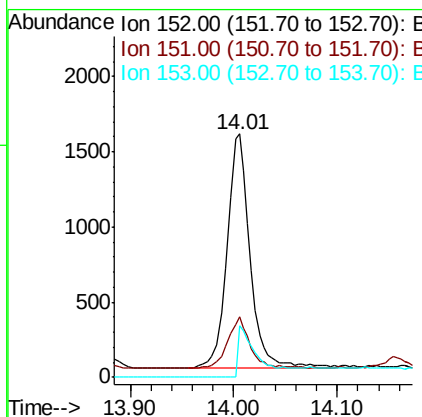
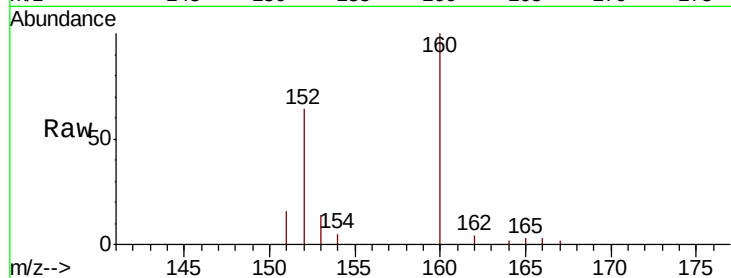
ClientSampleId :

C0CC8

Tot Ion:	152	Resp:	2365
Ion Ratio	Lower	Upper	
152	100		
151	25.0	16.2	24.2#
153	21.2	10.6	16.0#

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#8

Acenaphthene

Concen: 0.343 ng/ul

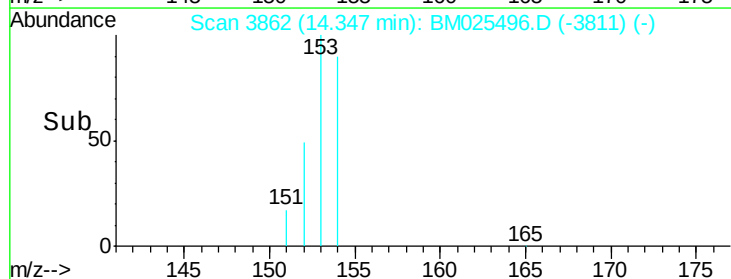
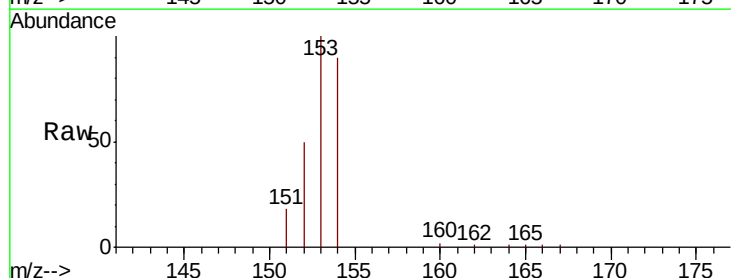
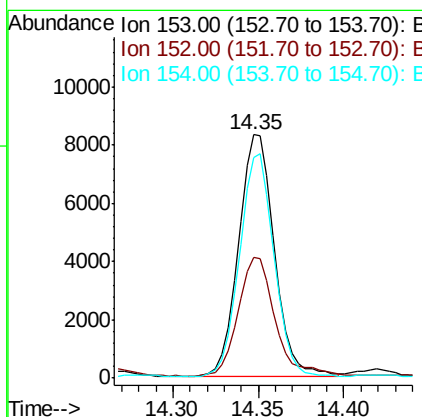
RT: 14.35 min Scan# 3862

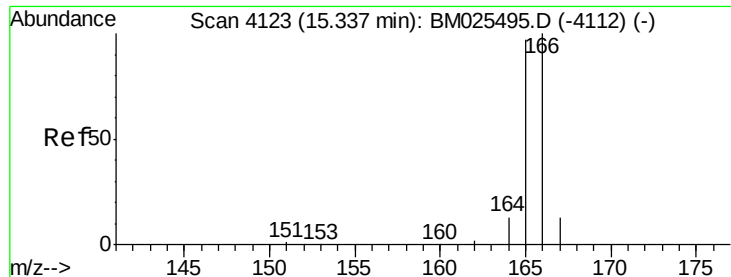
Delta R.T. -0.01 min

Lab File: BM025496.D

Acq: 11 Mar 2020 18:05

Tgt Ion:	153	Resp:	12173
Ion Ratio	Lower	Upper	
153	100		
152	49.6	39.5	59.3
154	90.5	71.7	107.5





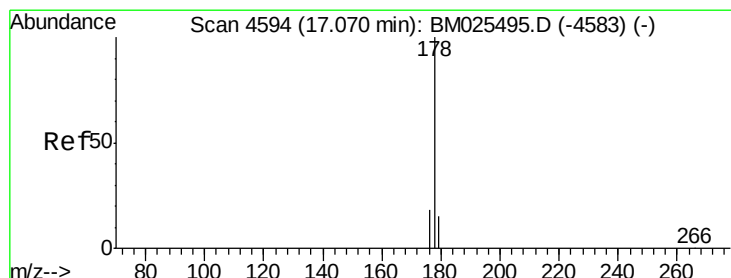
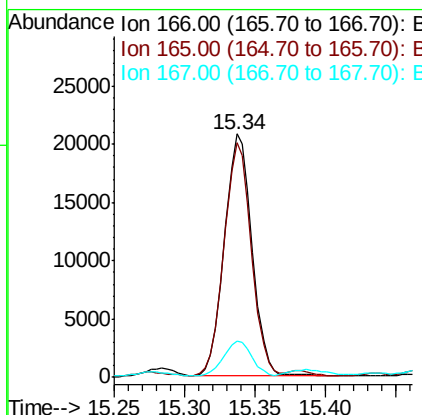
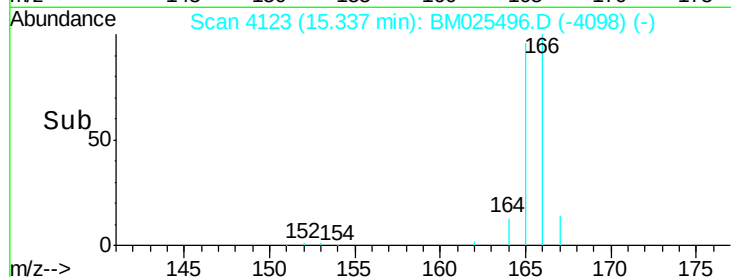
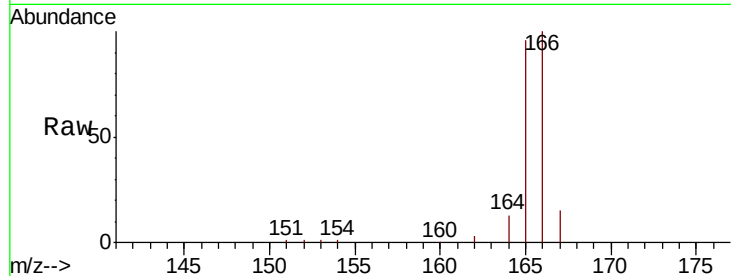
#9
Fluorene
 Concen: 0.655 ng/ul
 RT: 15.34 min Scan# 4123
 Delta R.T. -0.01 min
 Lab File: BM025496.D
 Acq: 11 Mar 2020 18:05

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.8	115.2
167	14.9	11.2	16.8

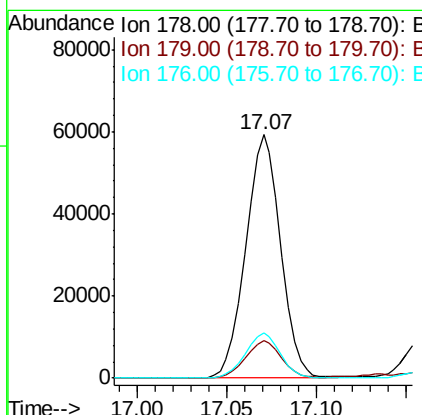
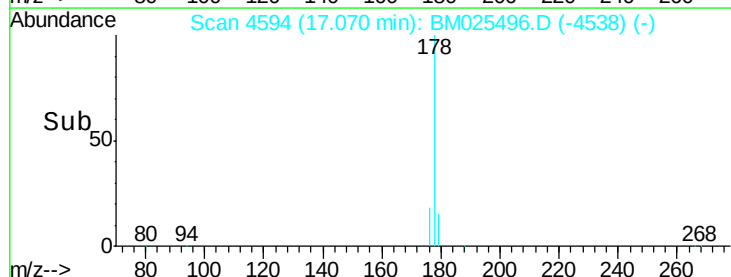
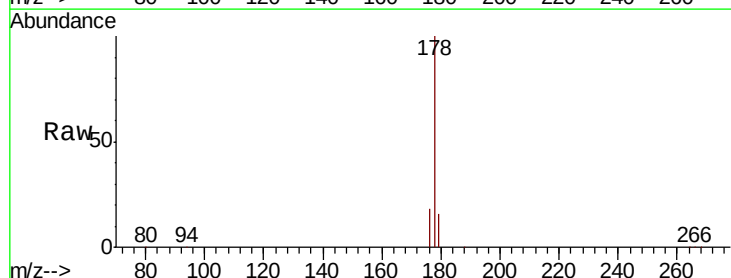
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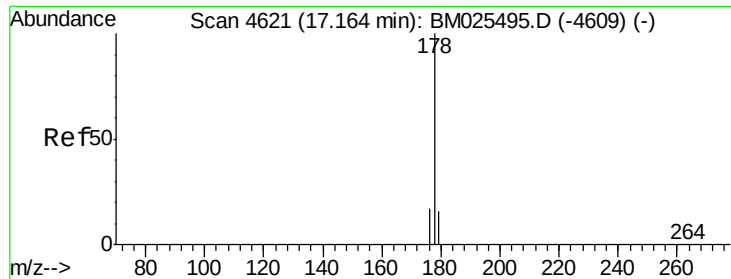
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#12
Phenanthrene
 Concen: 1.177 ng/ul
 RT: 17.07 min Scan# 4594
 Delta R.T. -0.01 min
 Lab File: BM025496.D
 Acq: 11 Mar 2020 18:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.5	14.8	22.2





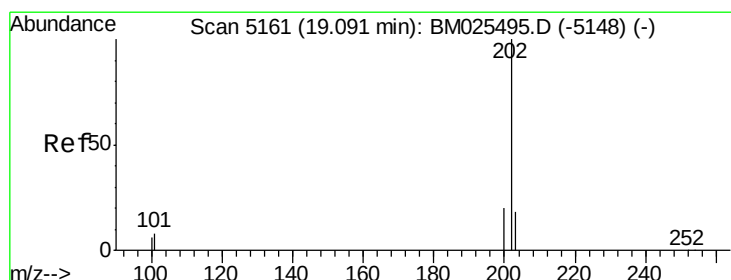
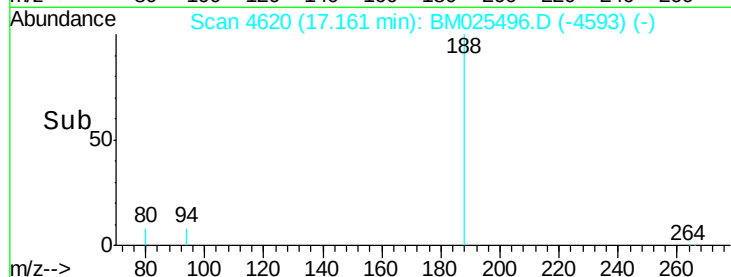
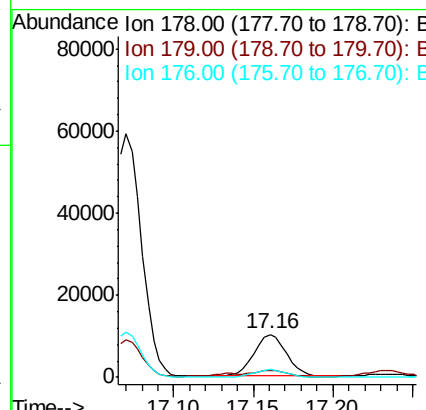
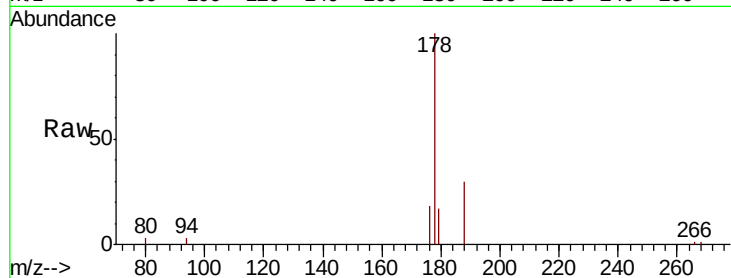
#13
 Anthracene
 Concen: 0.243 ng/ul
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.01 min
 Lab File: BM025496.D
 Acq: 11 Mar 2020 18:05

Instrument :
 BNA_M
 ClientSampleId :
 C0CC8

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	18.8
176	18.5	14.5	21.7

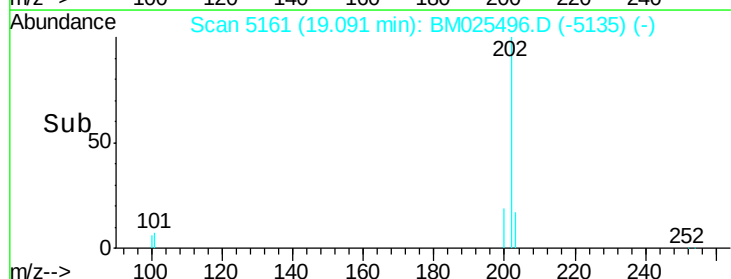
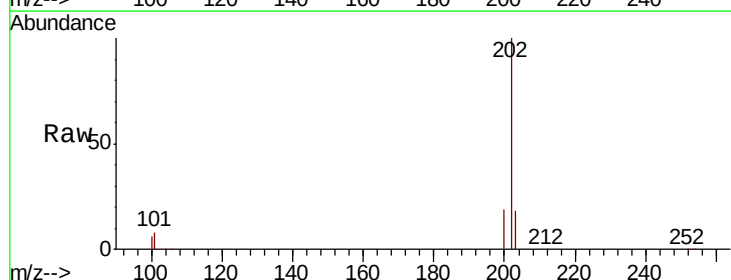
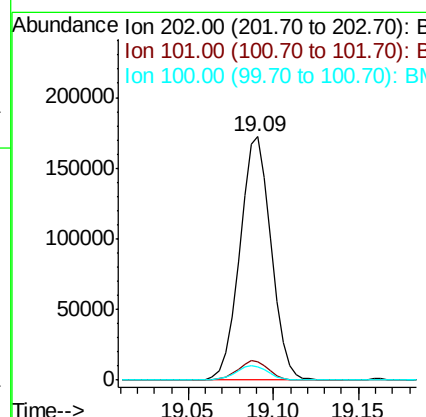
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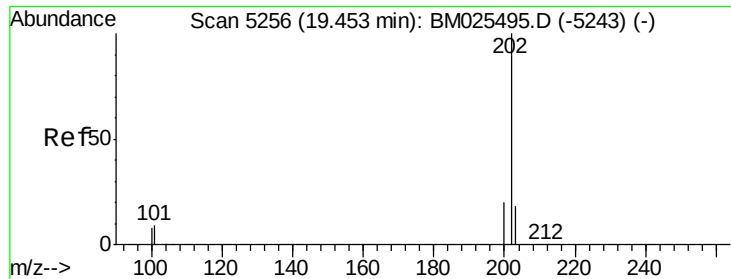
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#15
 Fluoranthene
 Concen: 3.015 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.00 min
 Lab File: BM025496.D
 Acq: 11 Mar 2020 18:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	27.5
100	5.7	0.0	26.0





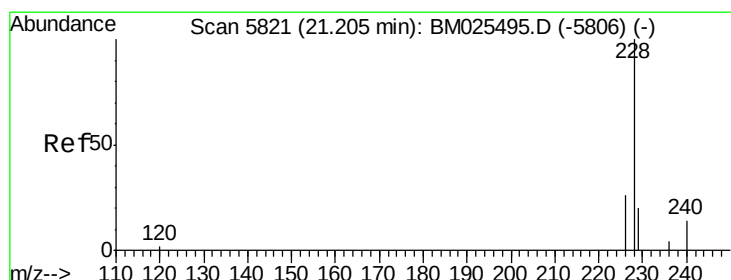
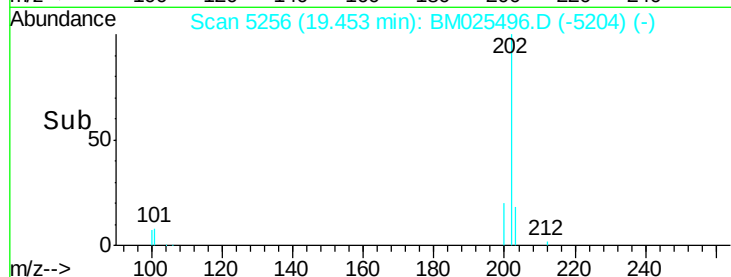
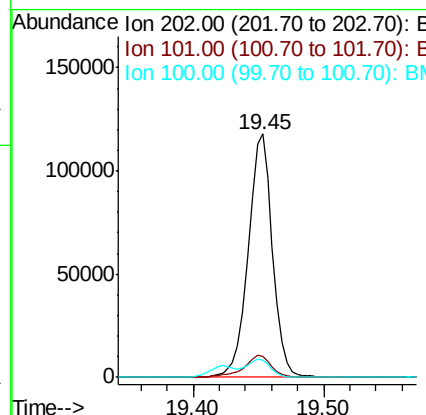
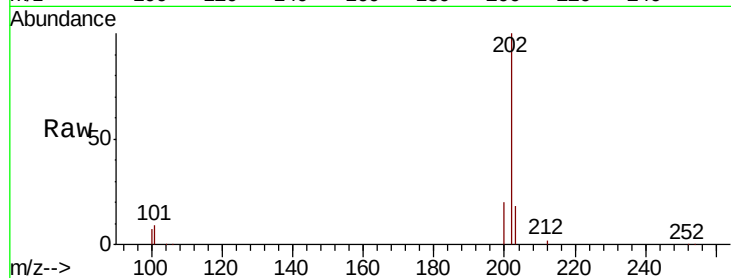
#17
Pvrene
Concen: 2.159 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025496.D
Acq: 11 Mar 2020 18:05

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	7.1	10.7
100	7.1	6.0	9.0

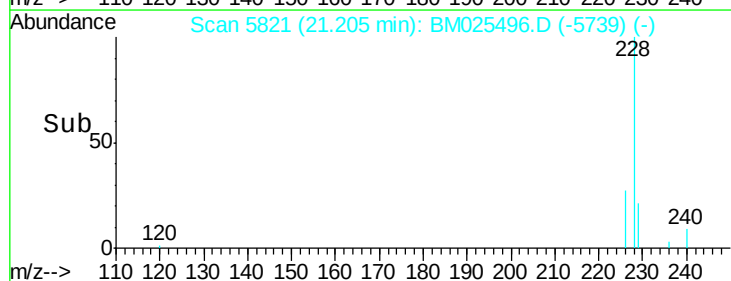
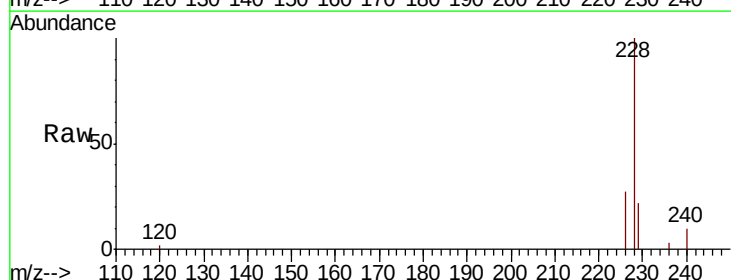
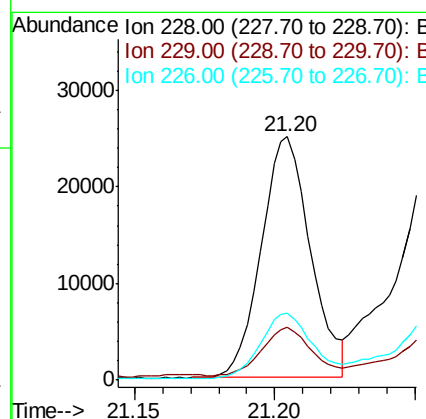
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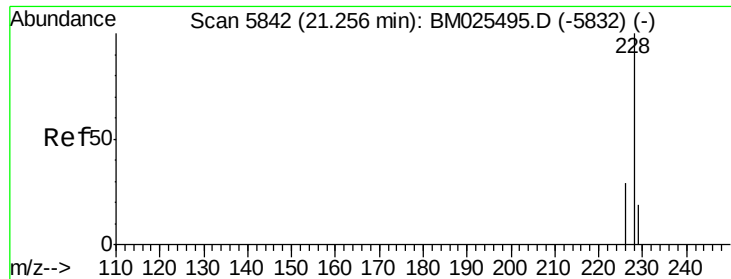
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#18
Benzo(a)anthracene
Concen: 0.548 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025496.D
Acq: 11 Mar 2020 18:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.6	15.6	23.4
226	27.4	21.1	31.7





#19

Chrysene

Concen: 0.527 ng/ul

RT: 21.26 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025496.D

Acq: 11 Mar 2020 18:05

Instrument :

BNA_M

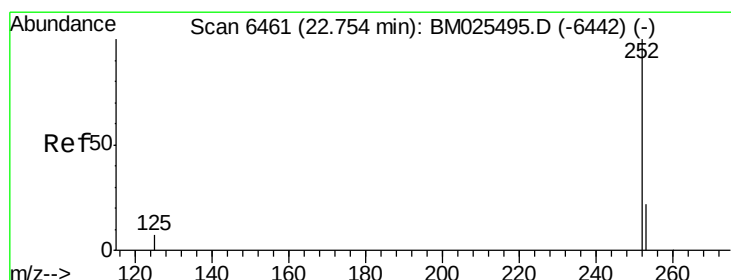
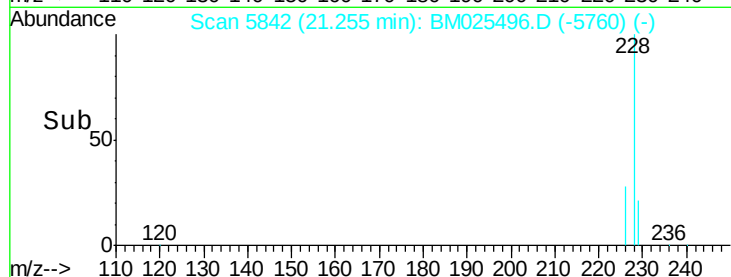
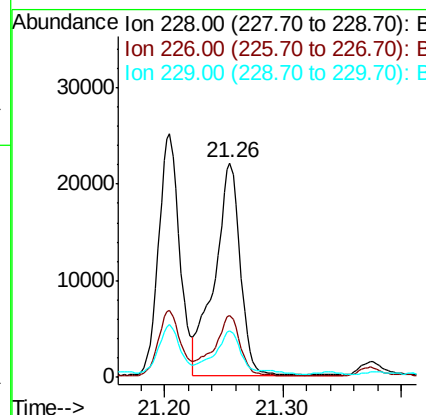
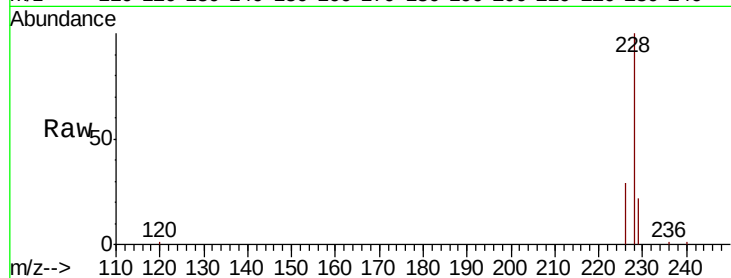
ClientSampleId :

C0CC8

Tot Ion:	228	Resp:	32987
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.6	35.4
229	21.8	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.567 ng/ul m

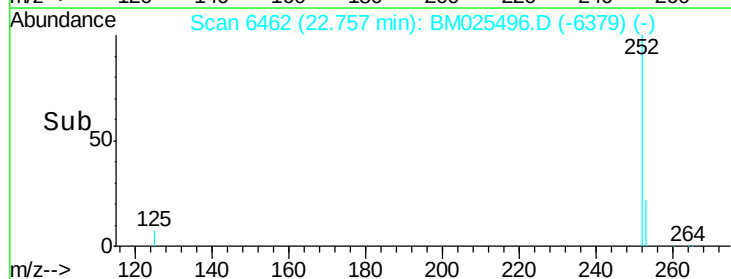
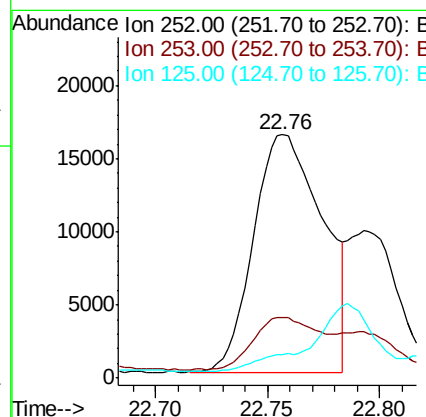
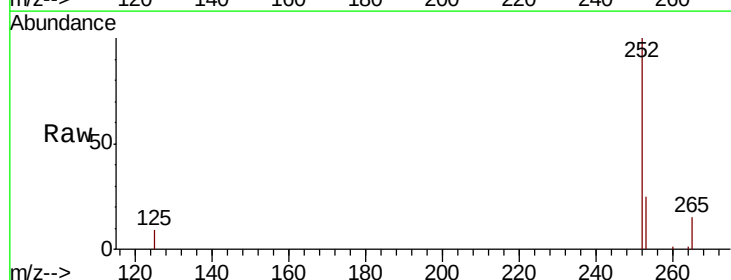
RT: 22.76 min Scan# 6462

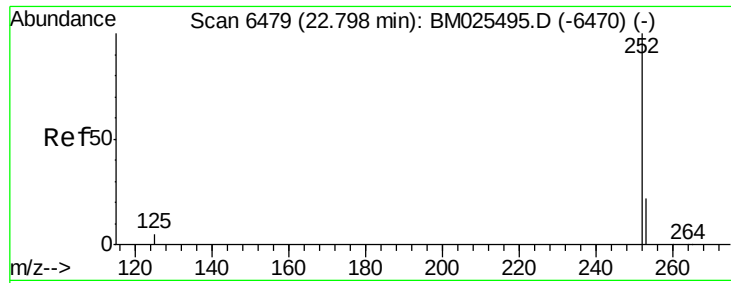
Delta R.T. 0.00 min

Lab File: BM025496.D

Acq: 11 Mar 2020 18:05

Tgt Ion:	252	Resp:	34980
Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	50.2
125	9.4	0.0	17.6





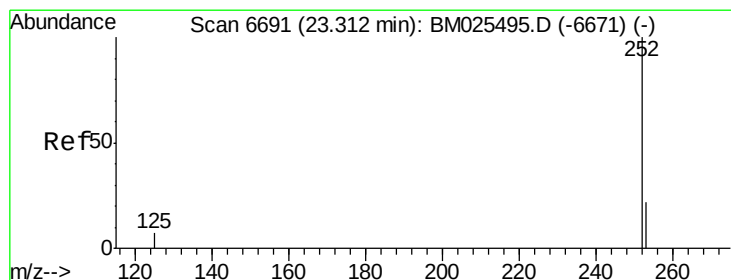
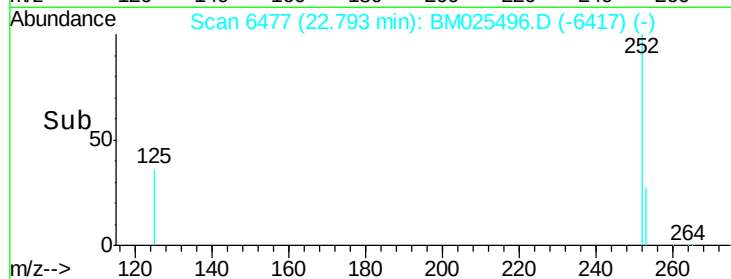
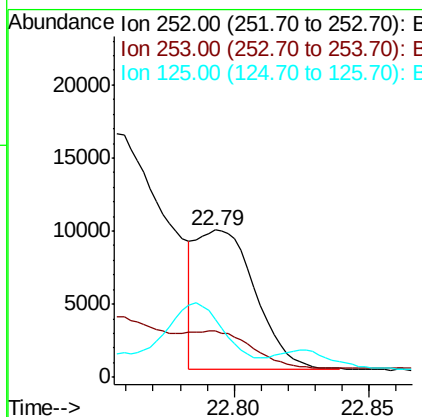
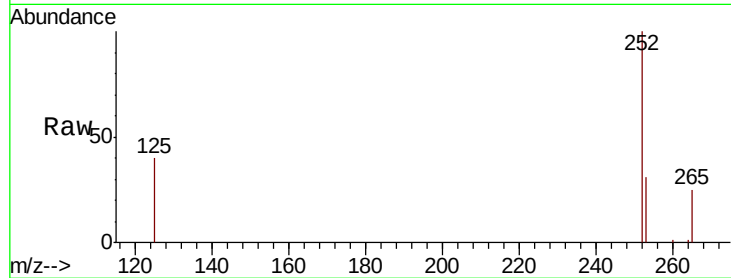
#22
Benzo(k)fluoranthene
Concen: 0.225 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.01 min
Lab File: BM025496.D
Acq: 11 Mar 2020 18:05

Instrument :
BNA_M
ClientSampleId :
C0CC8

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.4	19.8	29.8#
125	39.7	7.1	10.7#

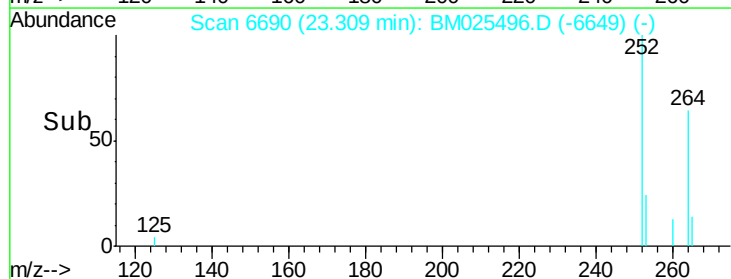
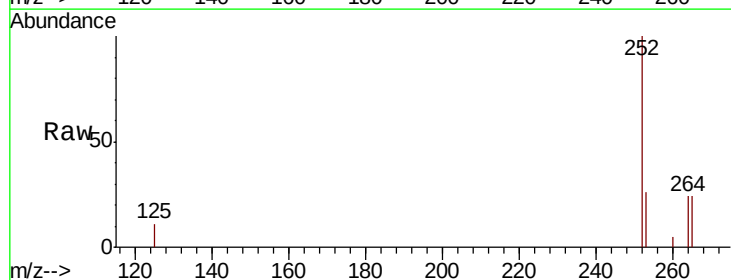
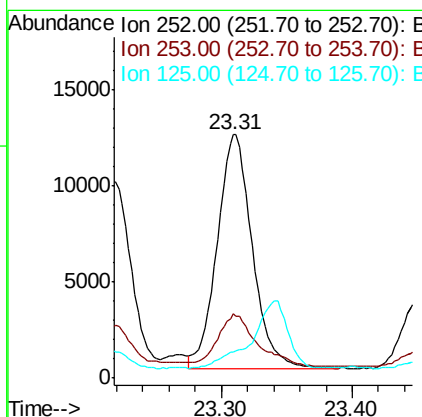
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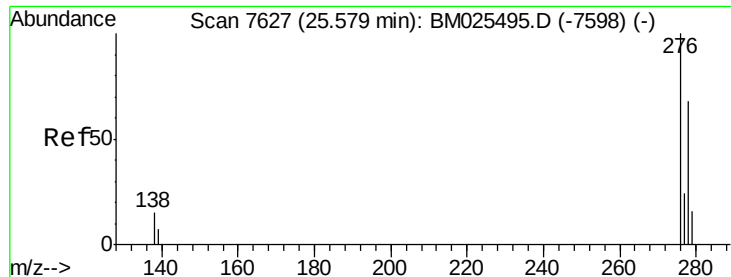
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#23
Benzo(a)pyrene
Concen: 0.446 ng/ul
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025496.D
Acq: 11 Mar 2020 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.3	31.9
125	10.9	8.5	12.7





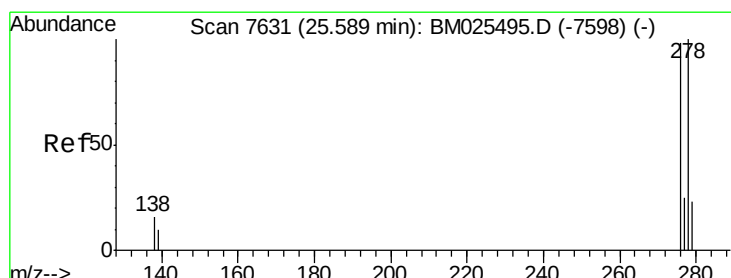
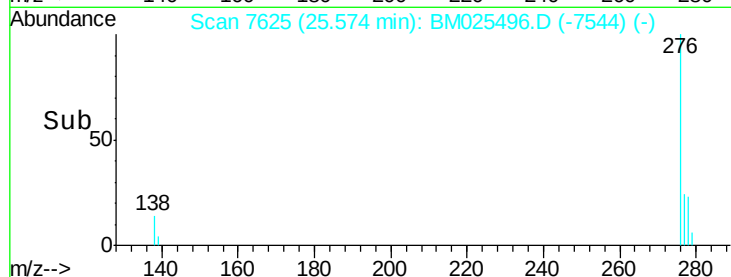
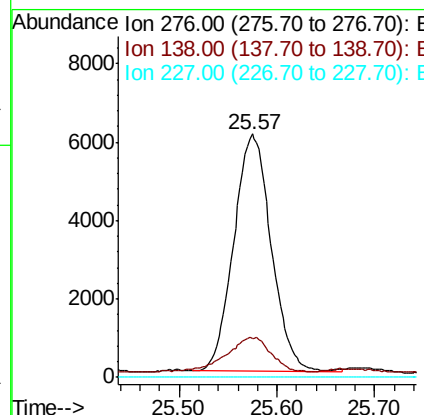
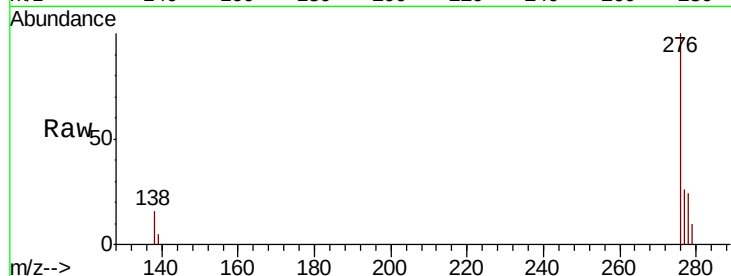
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.233 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.00 min
Lab File: BM025496.D
Acq: 11 Mar 2020 18:05

Instrument :
BNA_M
ClientSampleId :
C0CC8

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.5	12.3	18.5
227	0.0	0.0	0.0

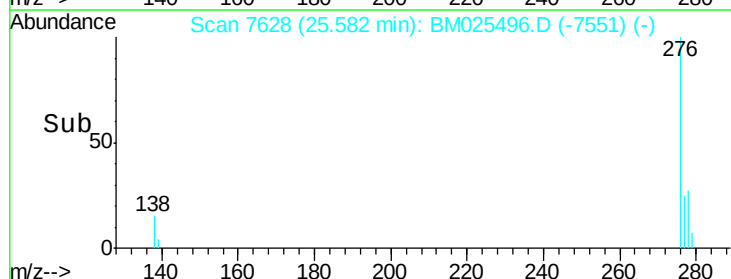
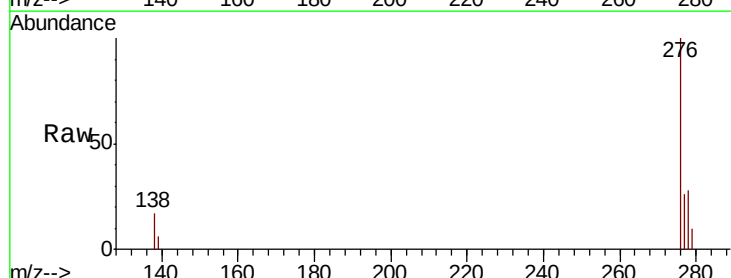
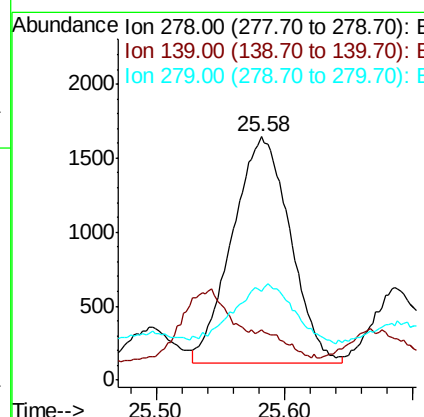
Manual Integrations
APPROVED

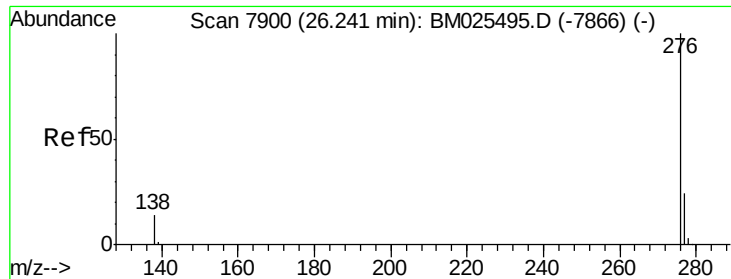
mohammad
3/13/2020 8:49:02 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.01 min
Lab File: BM025496.D
Acq: 11 Mar 2020 18:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	9.0	13.6#
279	36.7	21.1	31.7#





#26
 Benzo(a,h,i)perylene
 Concen: 0.243 ng/ul
 RT: 26.24 min Scan# 7898
 Delta R.T. -0.00 min
 Lab File: BM025496.D
 Acq: 11 Mar 2020 18:05

Instrument :
 BNA_M
 ClientSampleId :
 C0CC8

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	11.0	16.4#
277	24.7	19.8	29.6

Manual Integrations
 APPROVED

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