

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM021995.D
 Acq On : 10 Aug 2019 12:02
 Operator : HP/JU
 Sample : K4041-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX0

Manual Integrations
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Sohil
 8/13/2019 8:47:09 AM

Quant Time: Aug 11 00:08:27 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	505	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	2060	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1096	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	2615m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	2298m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	2058m	0.40	ng/ul	-0.01

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	907	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2335m	0.26	ng/ul	-0.02

Target Compounds

						Qvalue
3) Naphthalene	10.44	128	269	0.046	ng/ul#	59
5) 2-Methylnaphthalene	12.09	142	151	0.039	ng/ul	92
7) Acenaphthylene	13.99	152	459	0.090	ng/ul#	72
8) Acenaphthene	14.33	153	114	0.027	ng/ul#	92
9) Fluorene	15.32	166	173	0.037	ng/ul#	90
12) Phenanthrene	17.07	178	3647	0.479	ng/ul	100
13) Anthracene	17.16	178	845m	0.130	ng/ul	
15) Fluoranthene	19.09	202	8418m	0.826	ng/ul	
17) Pyrene	19.45	202	8673	0.918	ng/ul#	94
18) Benzo(a)anthracene	21.22	228	4725	0.575	ng/ul	97
19) Chrysene	21.27	228	4641	0.439	ng/ul	96
21) Benzo(b)fluoranthene	22.78	252	6391m	0.921	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2798m	0.356	ng/ul	
23) Benzo(a)pyrene	23.34	252	4783m	0.678	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	3148m	0.374	ng/ul	
25) Dibenzo(a,h)anthracene	25.66	278	788m	0.116	ng/ul	
26) Benzo(g,h,i)perylene	26.34	276	3187m	0.420	ng/ul	

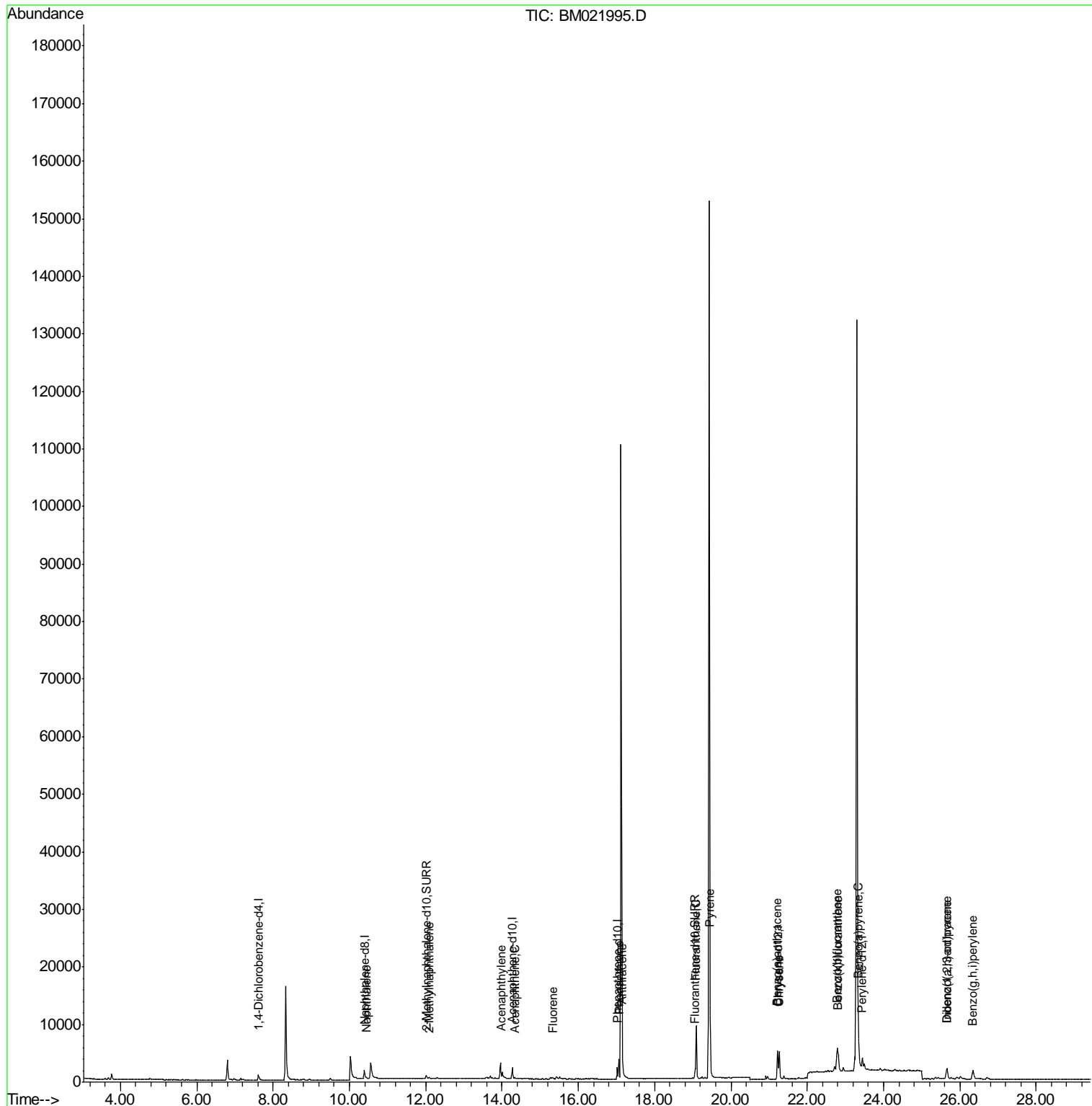
(#) = qualifier out of range (m) = manual integration (+) = signals summed

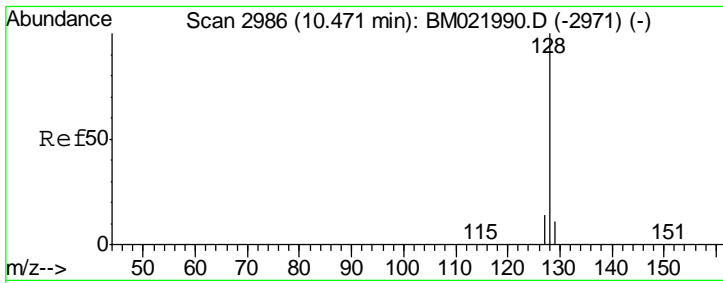
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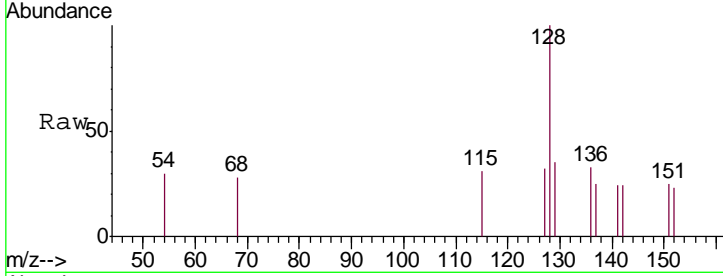
Quant Time: Aug 11 00:08:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration





#3
 Naphthalene
 Concen: 0.046 ng/ul
 RT: 10.44 min Scan# 2980
 Delta R.T. -0.02 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02

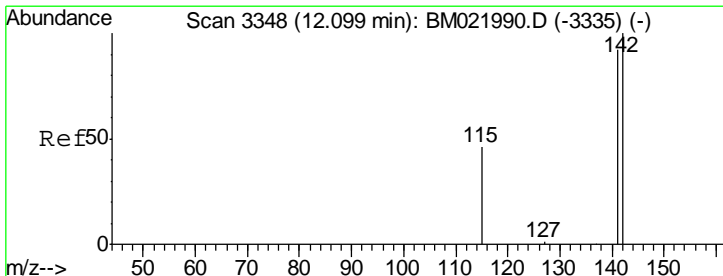
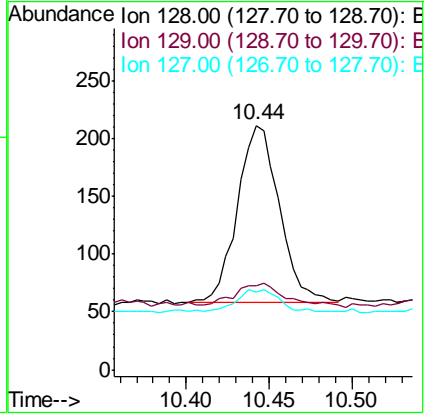
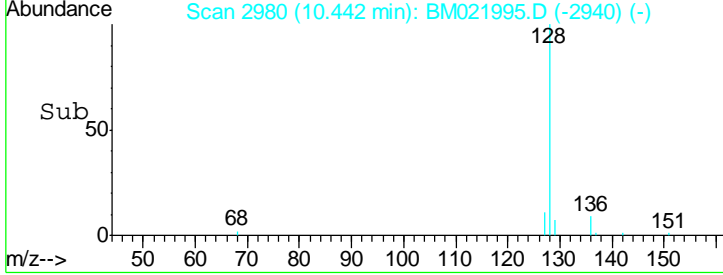
Instrument :
 BNA_M
ClientSampled :
 BENX0



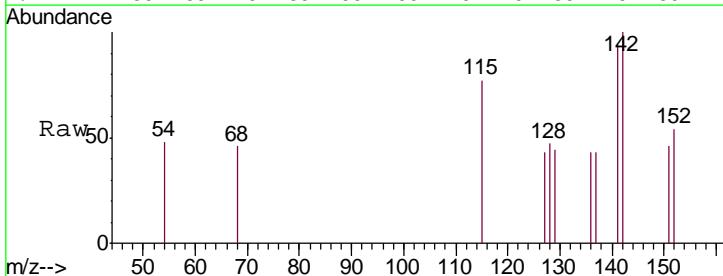
Tgt Ion	Resp	Lower	Upper
128	100		
129	34.6	12.3	18.5#
127	31.8	13.0	19.6#

Manual Integrations
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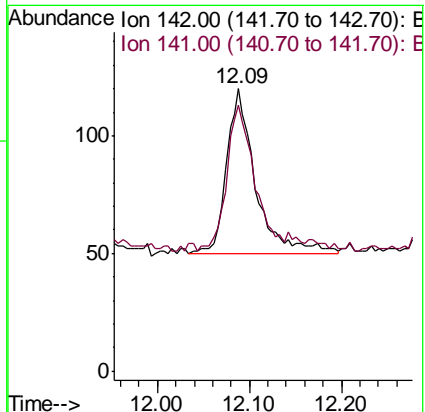
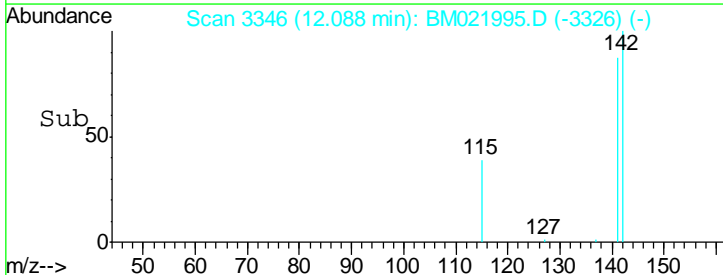
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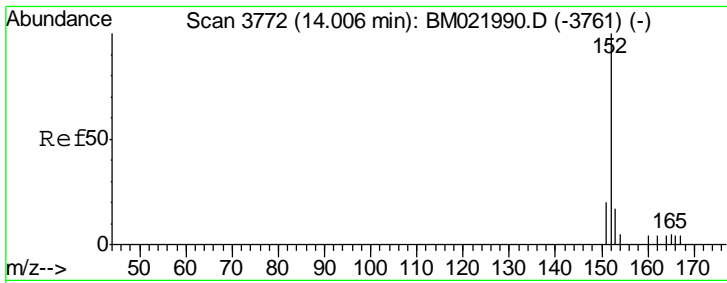


#5
 2-Methylnaphthalene
 Concen: 0.039 ng/ul
 RT: 12.09 min Scan# 3346
 Delta R.T. -0.01 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02



Tgt Ion	Resp	Lower	Upper
142	100		
141	85.4	74.3	111.5





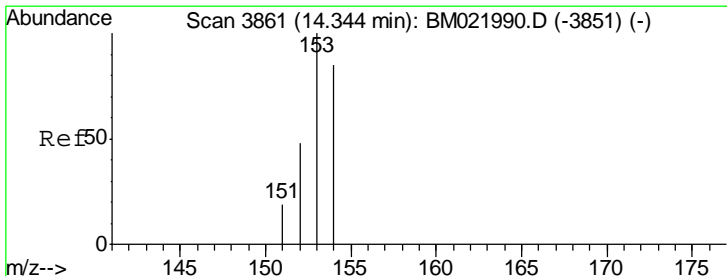
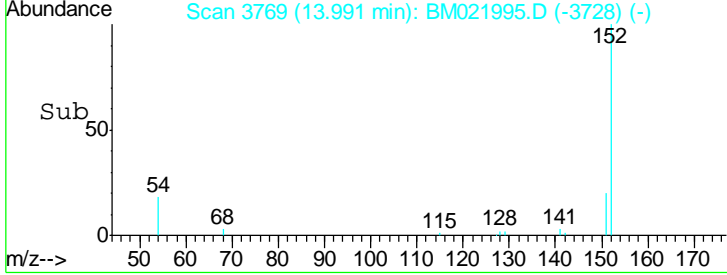
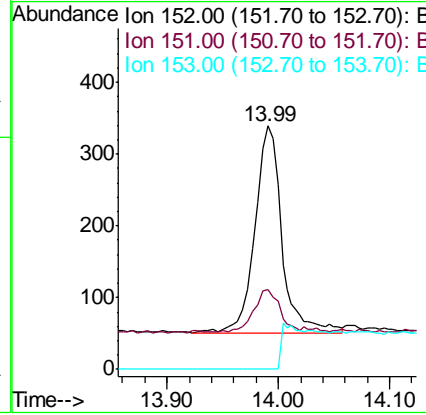
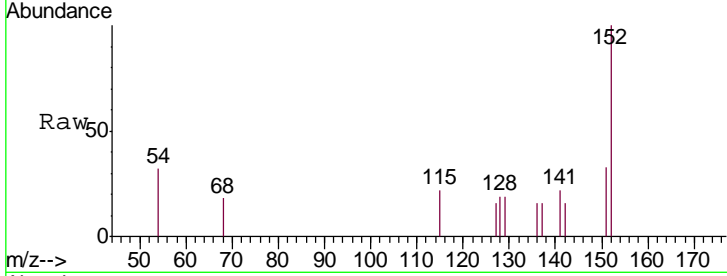
#7
 Acenaphthylene
 Concen: 0.090 ng/ul
 RT: 13.99 min Scan# 3769
 Delta R.T. -0.02 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02

Instrument :
 BNA_M
ClientSampled :
 BENX0

Tgt Ion	Resp	Lower	Upper
152	100		
151	33.0	18.3	27.5#
153	0.0	12.8	19.2#

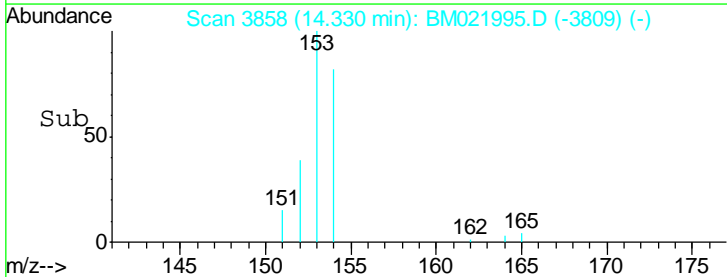
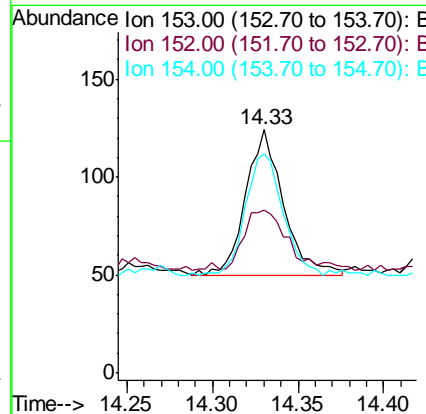
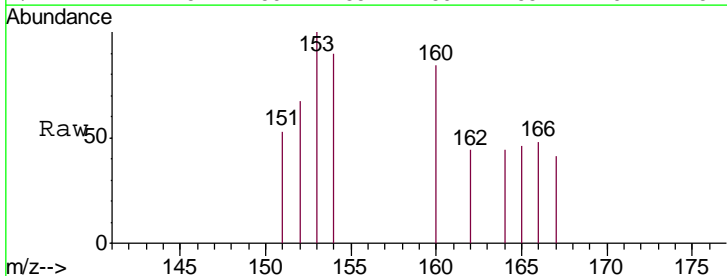
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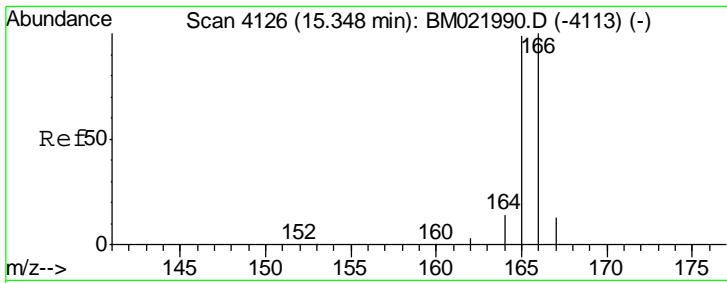
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#8
 Acenaphthene
 Concen: 0.027 ng/ul
 RT: 14.33 min Scan# 3858
 Delta R.T. -0.01 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02

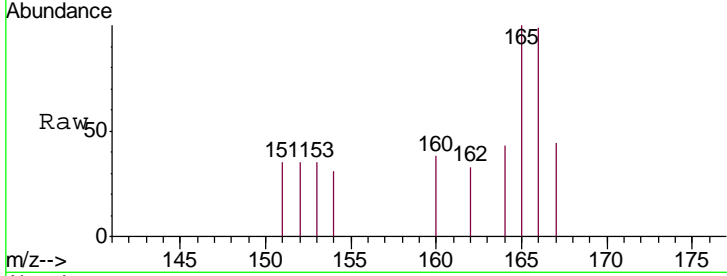
Tgt Ion	Resp	Lower	Upper
153	100		
152	66.9	41.3	61.9#
154	90.3	72.3	108.5





#9
 Fluorene
 Concen: 0.037 ng/ul
 RT: 15.32 min Scan# 4120
 Delta R.T. -0.02 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02

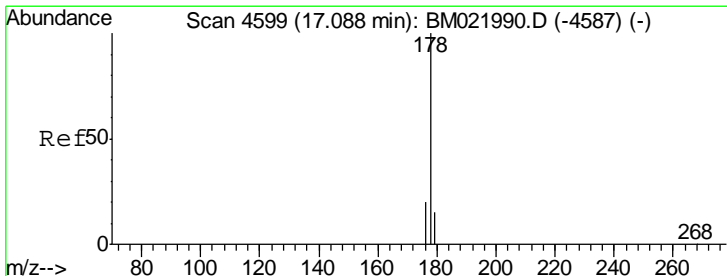
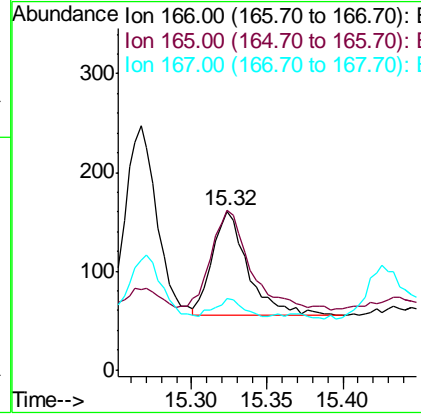
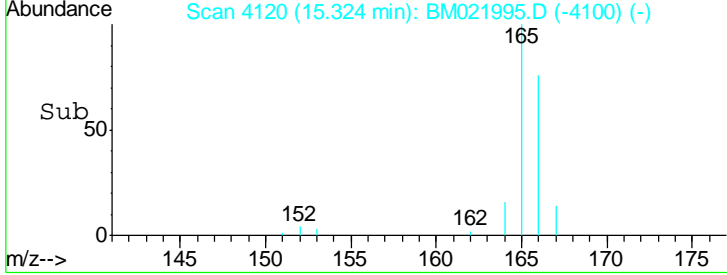
Instrument :
 BNA_M
ClientSampled :
 BENX0



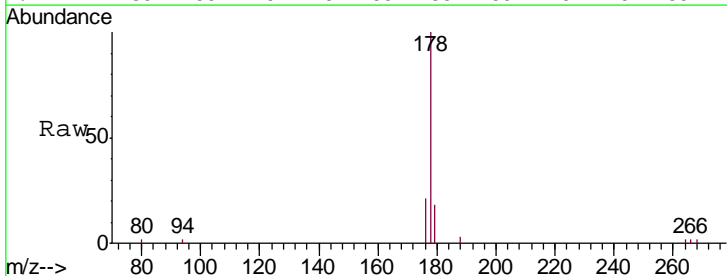
Tgt Ion: 166 Resp: 173

Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.4	122.0
167	44.7	13.7	20.5#

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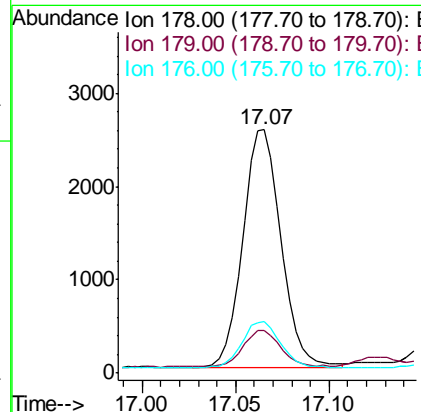
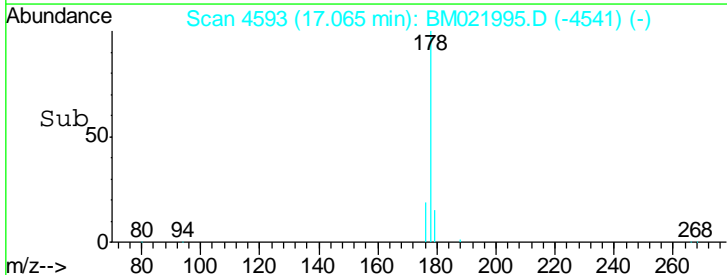


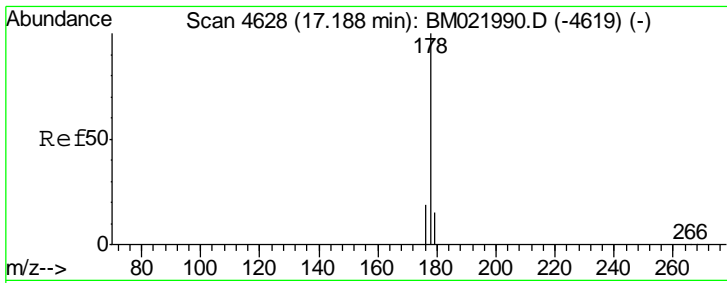
#12
 Phenanthrene
 Concen: 0.479 ng/ul
 RT: 17.07 min Scan# 4593
 Delta R.T. -0.02 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02



Tgt Ion: 178 Resp: 3647

Ion	Ratio	Lower	Upper
178	100		
179	17.5	14.2	21.2
176	21.0	16.8	25.2





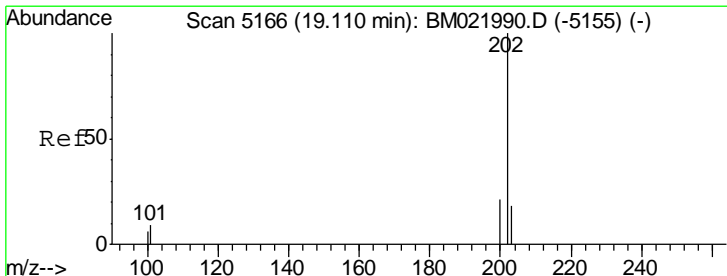
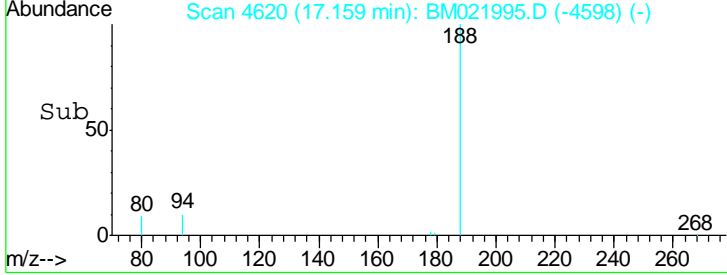
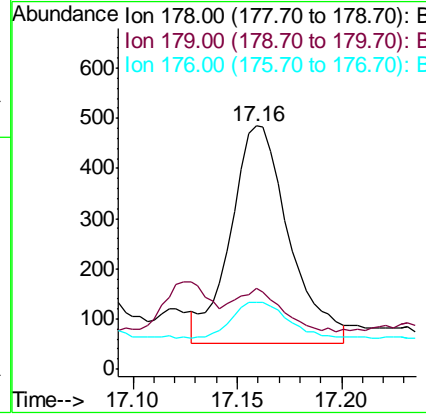
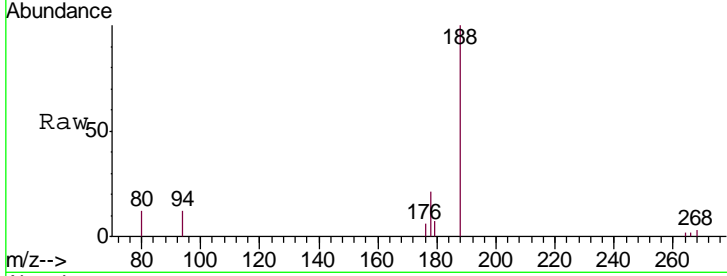
#13
 Anthracene
 Concen: 0.130 ng/ul m
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.02 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02

Instrument :
 BNA_M
 ClientSampled :
 BENX0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	33.0	15.5	23.3#
176	27.2	16.6	25.0#

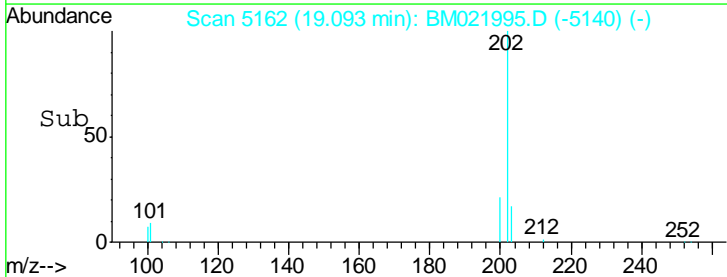
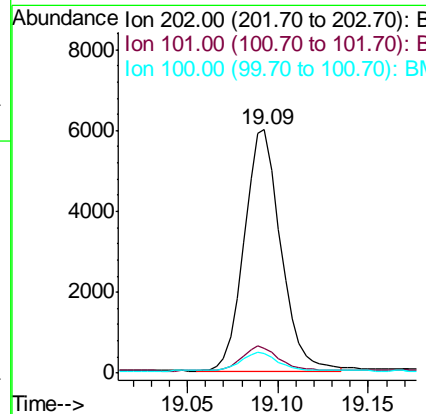
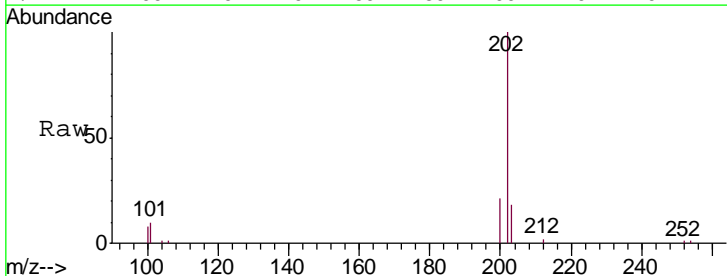
Manual Integrations
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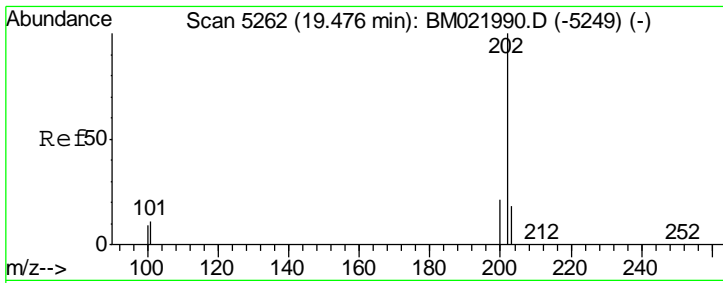
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#15
 Fluoranthene
 Concen: 0.826 ng/ul m
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.02 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02

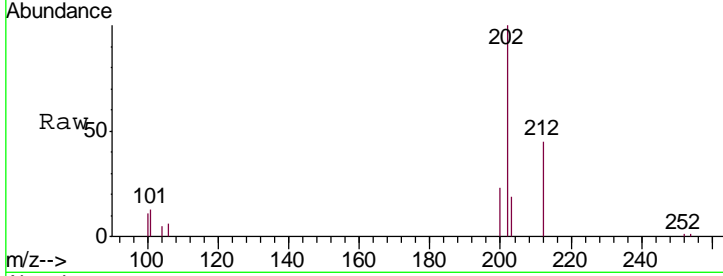
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.2
100	7.8	0.0	28.1





#17
 Pyrene
 Concen: 0.918 ng/ul
 RT: 19.45 min Scan# 5257
 Delta R.T. -0.02 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02

Instrument :
 BNA_M
ClientSampled :
 BENX0

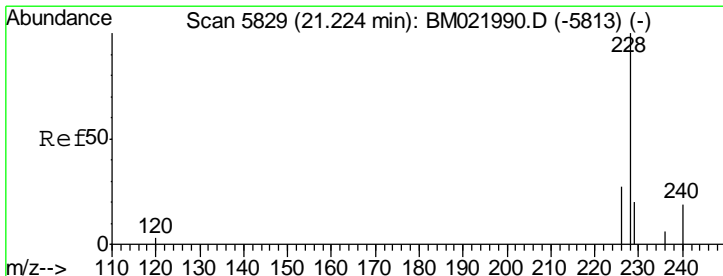
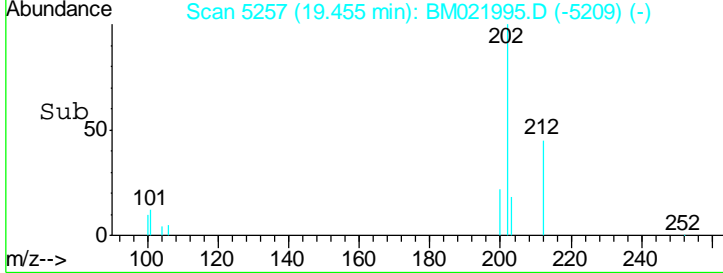
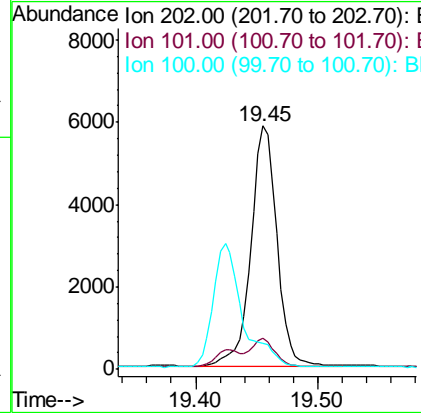


Tgt Ion: 202 Resp: 8673

Ion	Ratio	Lower	Upper
202	100		
101	12.7	8.3	12.5#
100	10.9	7.2	10.8#

Manual Integrations
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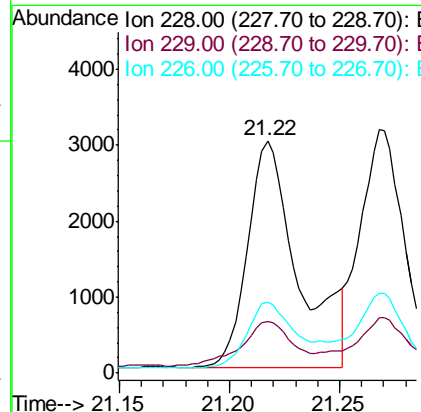
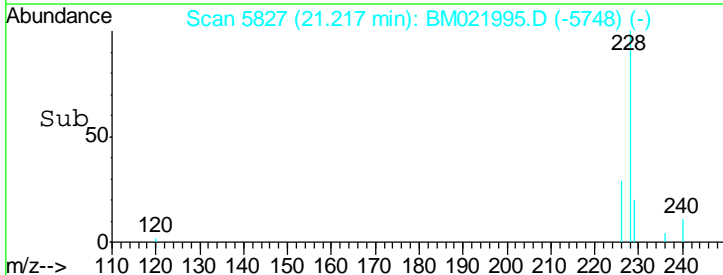
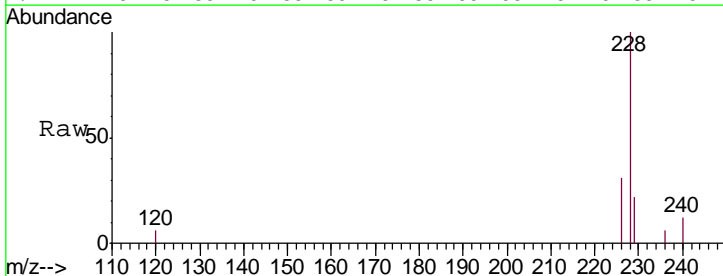
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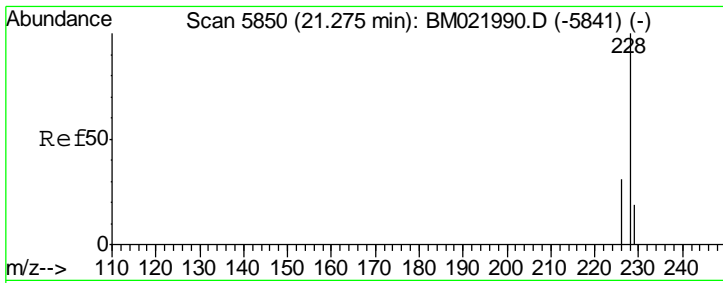


#18
 Benzo(a)anthracene
 Concen: 0.575 ng/ul
 RT: 21.22 min Scan# 5827
 Delta R.T. -0.01 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02

Tgt Ion: 228 Resp: 4725

Ion	Ratio	Lower	Upper
228	100		
229	22.5	17.2	25.8
226	30.6	22.6	34.0





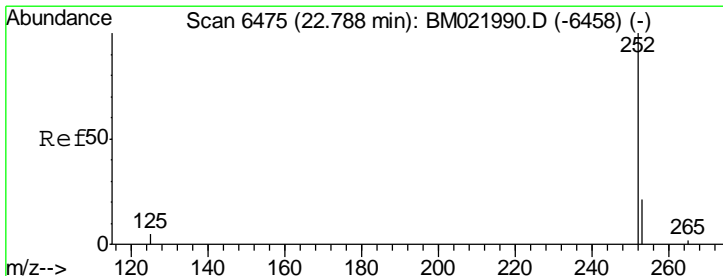
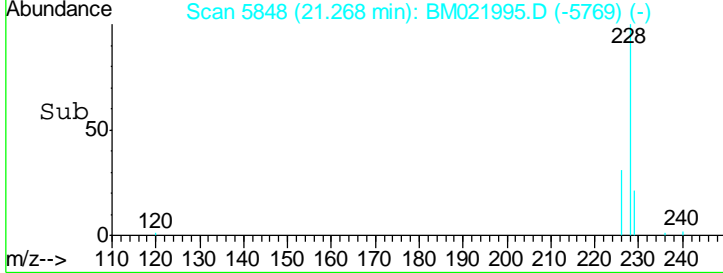
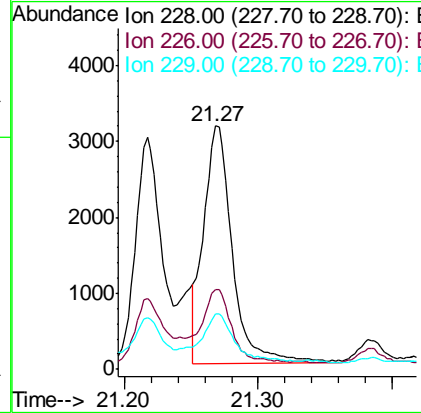
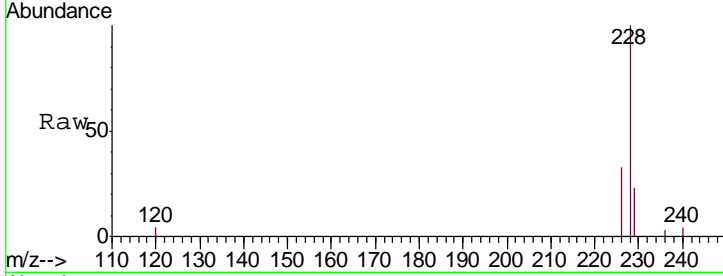
#19
 Chrysene
 Concen: 0.439 ng/ul
 RT: 21.27 min Scan# 5848
 Delta R.T. -0.01 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02

Instrument :
 BNA_M
ClientSampled :
 BENX0

Tgt Ion	Resp	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	23.0	16.6	25.0

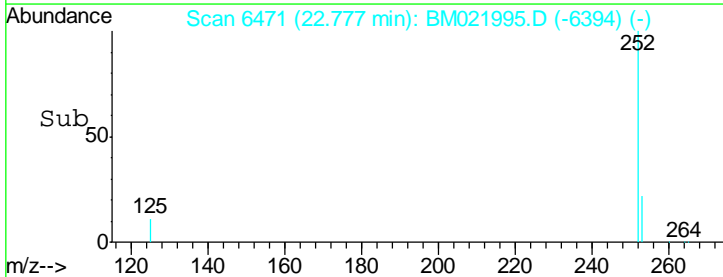
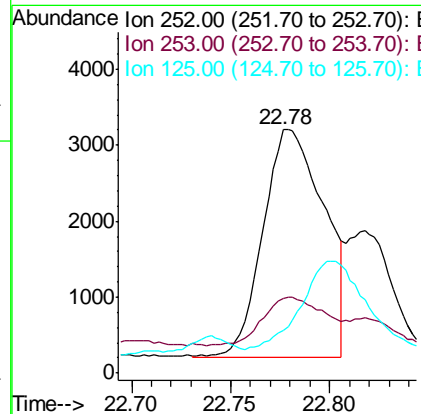
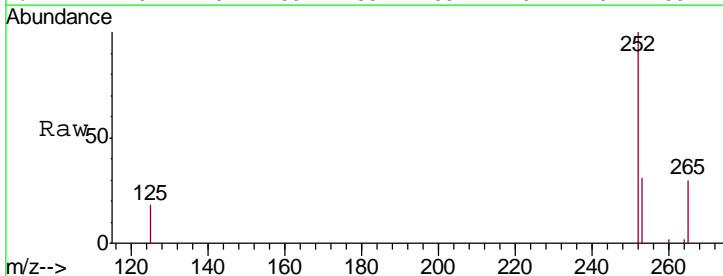
Manual Integrations
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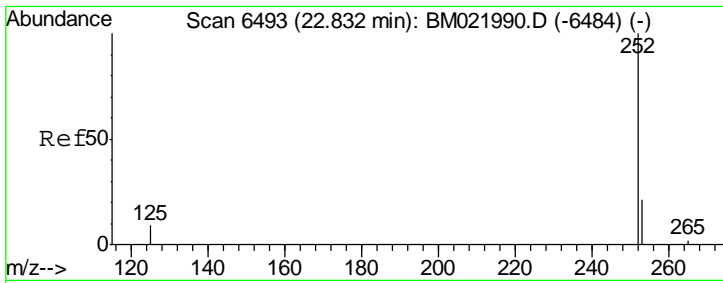
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#21
 Benzo(b)fluoranthene
 Concen: 0.921 ng/ul m
 RT: 22.78 min Scan# 6471
 Delta R.T. -0.01 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02

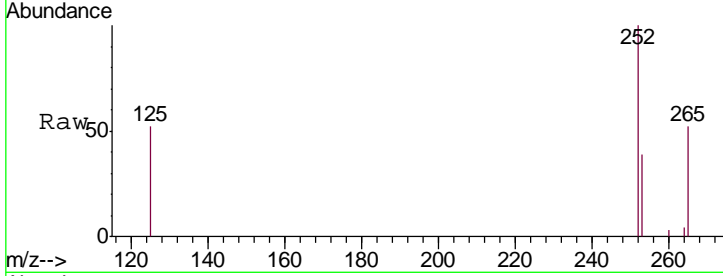
Tgt Ion	Resp	Lower	Upper
252	100		
253	30.9	0.0	67.4
125	17.5	0.0	31.0





#22
 Benzo(k)fluoranthene
 Concen: 0.356 ng/ul m
 RT: 22.82 min Scan# 6488
 Delta R.T. -0.02 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02

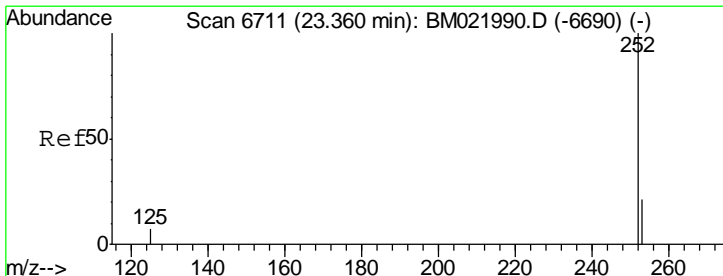
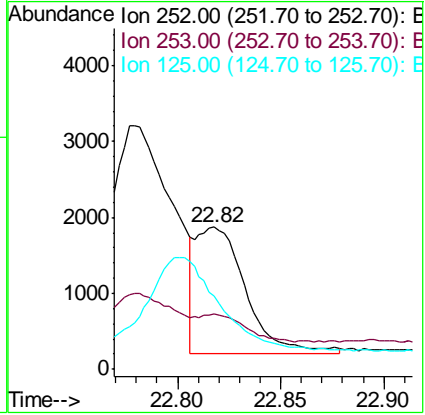
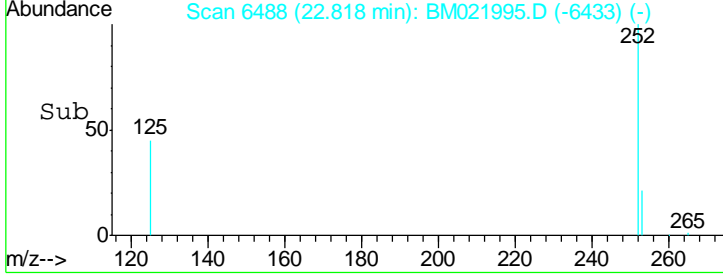
Instrument :
 BNA_M
 ClientSampled :
 BENX0



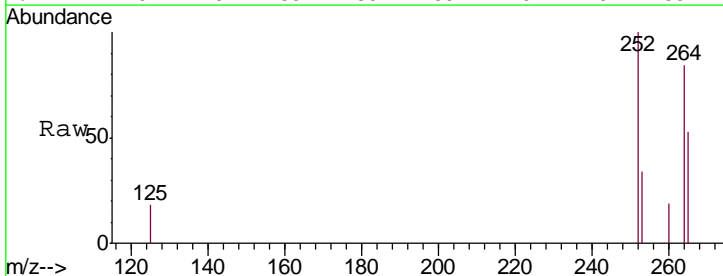
Tgt Ion	Resp	Lower	Upper
252	100		
253	38.6	27.0	40.4
125	52.0	12.2	18.2

Manual Integrations
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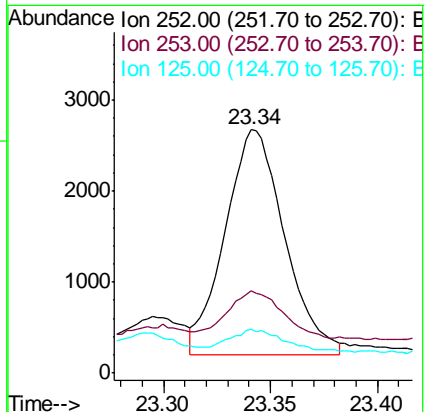
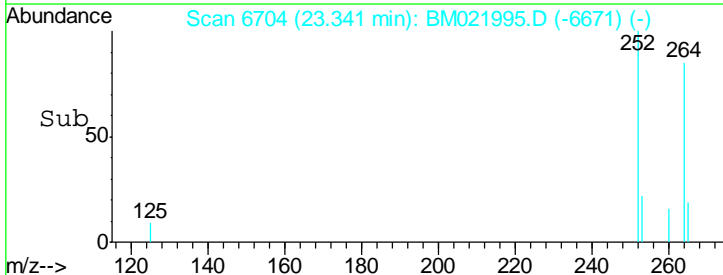
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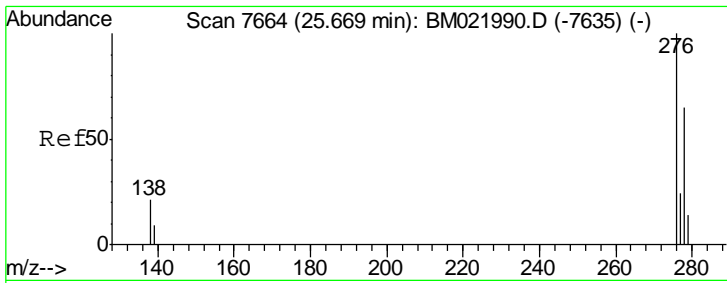


#23
 Benzo(a)pyrene
 Concen: 0.678 ng/ul m
 RT: 23.34 min Scan# 6704
 Delta R.T. -0.02 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02



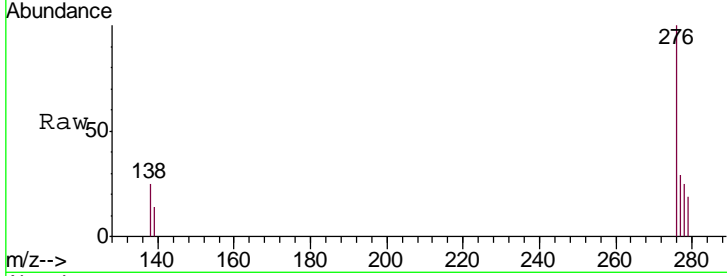
Tgt Ion	Resp	Lower	Upper
252	100		
253	33.6	31.7	47.5
125	18.1	14.6	21.8





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.374 ng/ul m
 RT: 25.66 min Scan# 7662
 Delta R.T. -0.01 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02

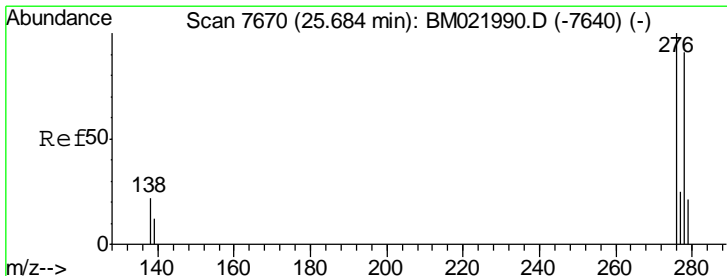
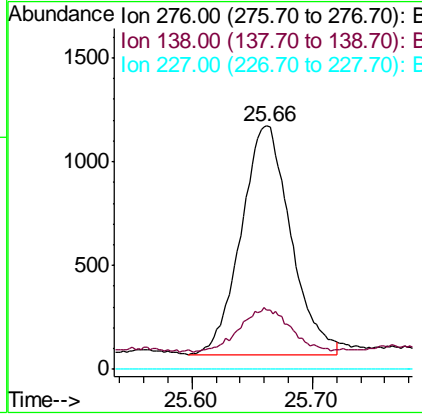
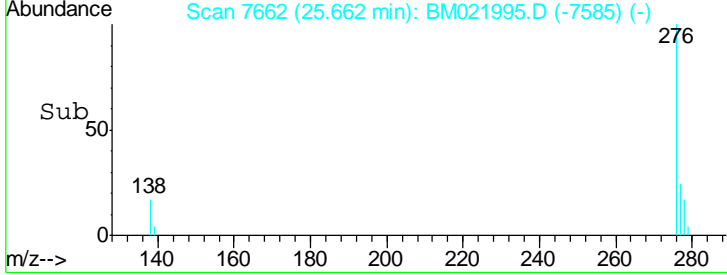
Instrument :
 BNA_M
ClientSampled :
 BENX0



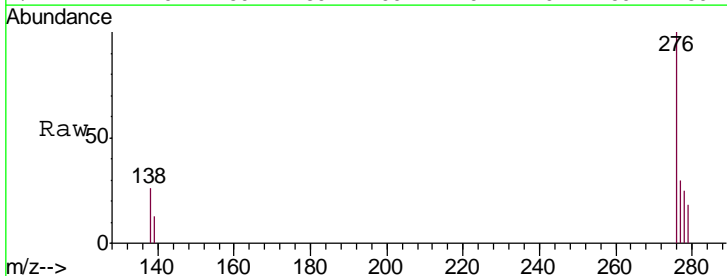
Tgt Ion: 276 Resp: 3148

Ion	Ratio	Lower	Upper
276	100		
138	1.4	15.1	22.7#
227	0.0	0.0	0.0

Manual Integrations
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 Sohil
 8/13/2019 8:47:09 AM

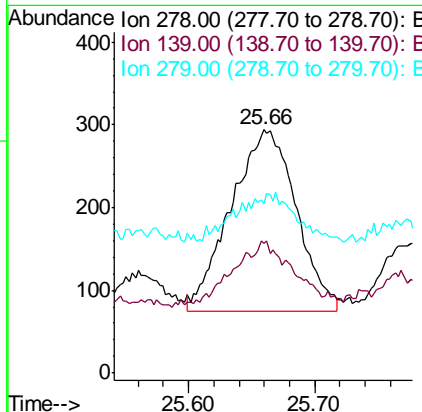
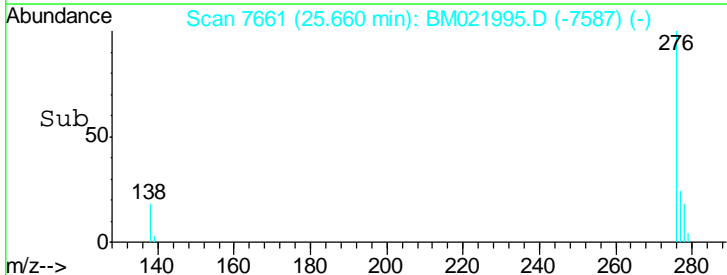


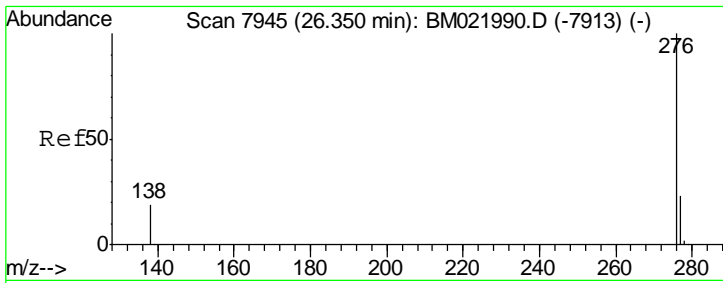
#25
 Dibenzo(a,h)anthracene
 Concen: 0.116 ng/ul m
 RT: 25.66 min Scan# 7661
 Delta R.T. -0.02 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02



Tgt Ion: 278 Resp: 788

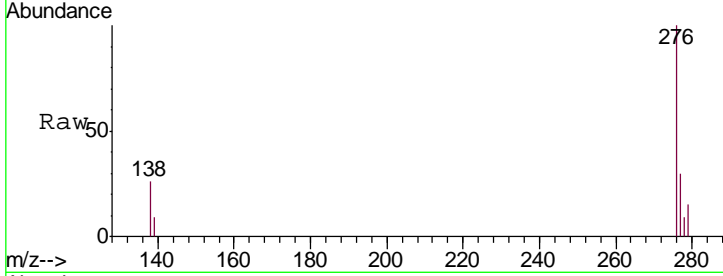
Ion	Ratio	Lower	Upper
278	100		
139	53.1	14.2	21.2#
279	69.7	28.3	42.5#





#26
 Benzo(g,h,i)perylene
 Concen: 0.420 ng/ul m
 RT: 26.34 min Scan# 7942
 Delta R.T. -0.02 min
 Lab File: BM021995.D
 Acq: 10 Aug 2019 12:02

Instrument :
 BNA_M
ClientSampled :
 BENX0



Tgt Ion: 276 Resp: 3187

Ion	Ratio	Lower	Upper
276	100		
138	25.7	15.5	23.3#
277	29.9	21.4	32.2

Manual Integrations
APPROVED
 Sohil
 8/13/2019 8:47:09 AM

