

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096103.D
 Acq On : 24 Apr 2018 2:01
 Operator : SJ/JU
 Sample : J2434-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
ClientSampled :
 C0AD1

Manual Integrations
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Quant Time: Apr 24 16:36:26 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2096	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5664	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3262	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7344m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	6982m	0.40	ng/ul	0.00
20) Perylene-d12	24.40	264	6792m	0.40	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.76	152	1780	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	4491m	0.15	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.25	128	4075	0.258	ng/ul#	91
5) 2-Methylnaphthalene	12.83	142	2629	0.245	ng/ul	100
7) Acenaphthylene	14.70	152	1558	0.092	ng/ul#	88
8) Acenaphthene	15.03	153	8566	0.706	ng/ul	95
9) Fluorene	15.99	166	4315	0.315	ng/ul	90
12) Phenanthrene	17.72	178	92706m	4.283	ng/ul	
13) Anthracene	17.81	178	21242m	0.986	ng/ul	
15) Fluoranthene	19.69	202	516006m	17.520	ng/ul	
17) Pyrene	20.04	202	603958	25.457	ng/ul#	77
18) Benzo(a)anthracene	21.75	228	585960m	20.773	ng/ul	
19) Chrysene	21.82	228	505091	24.880	ng/ul	97
21) Benzo(b)fluoranthene	23.59	252	949069m	43.183	ng/ul	
22) Benzo(k)fluoranthene	23.63	252	296250m	13.531	ng/ul	
23) Benzo(a)pyrene	24.28	252	716702m	33.794	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.21	276	520742m	22.094	ng/ul	
25) Dibenzo(a,h)anthracene	27.21	278	130758m	6.889	ng/ul	
26) Benzo(a,h,i)perylene	28.09	276	528262m	26.833	ng/ul	

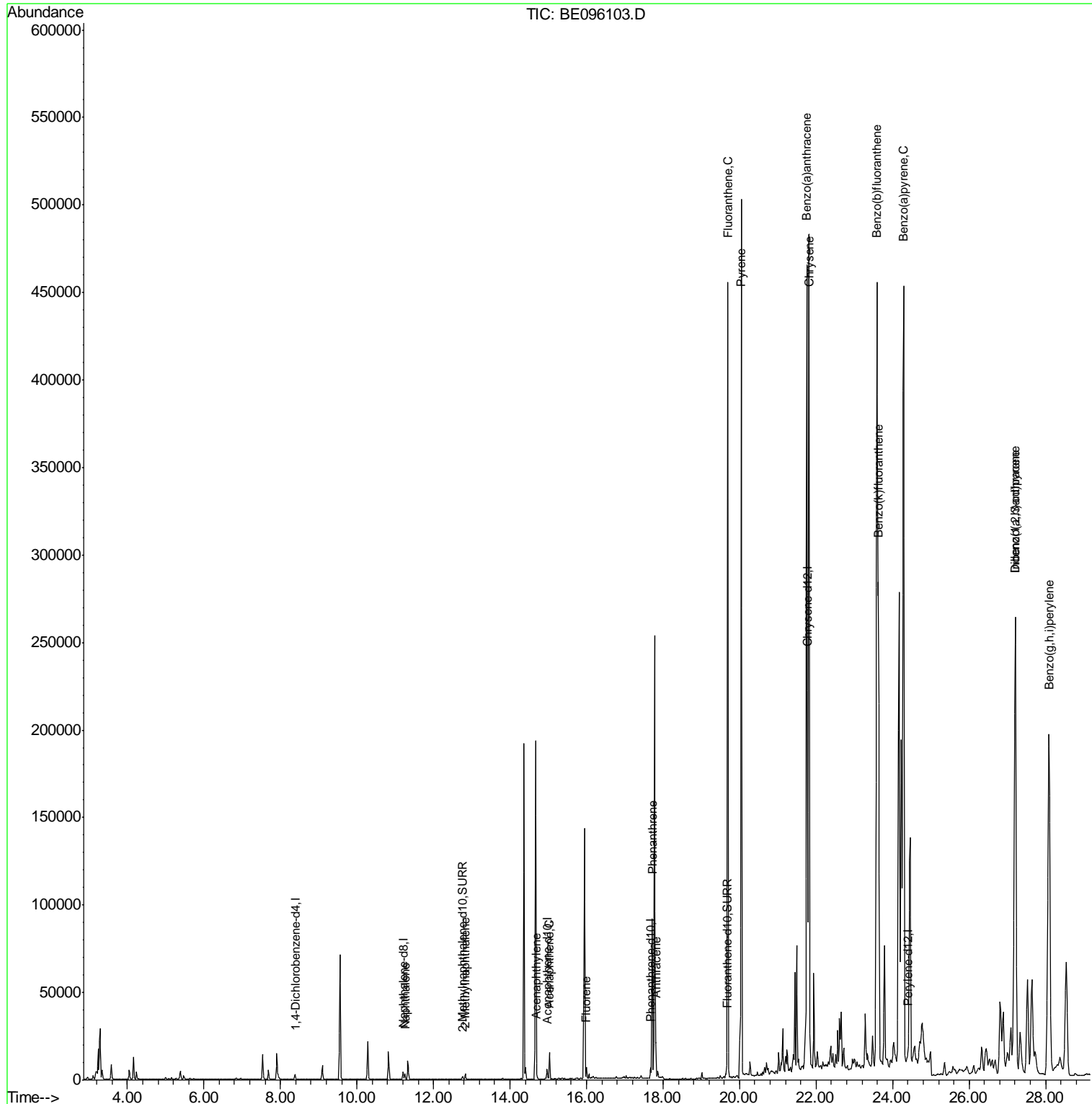
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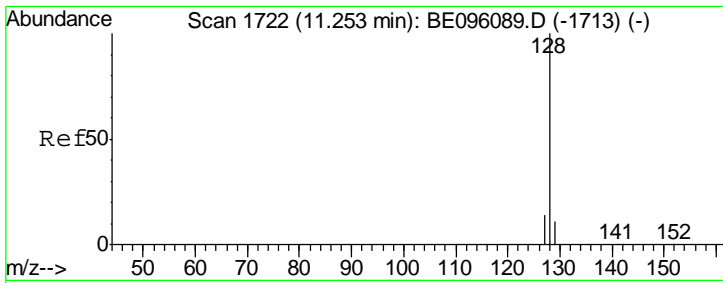
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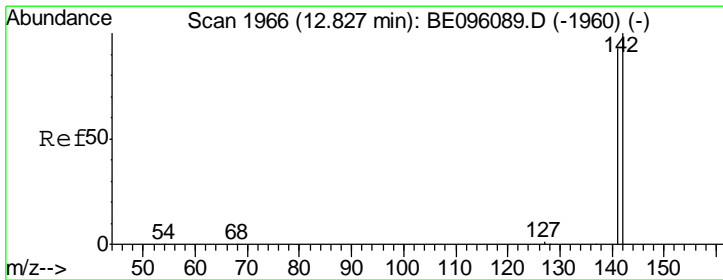
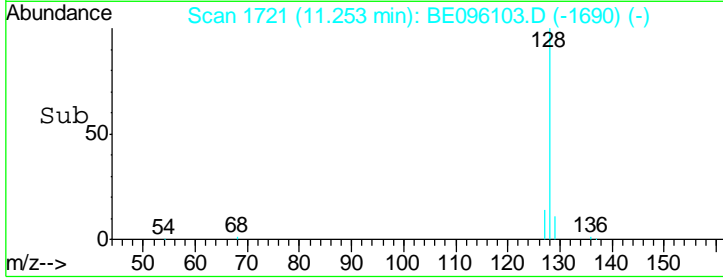
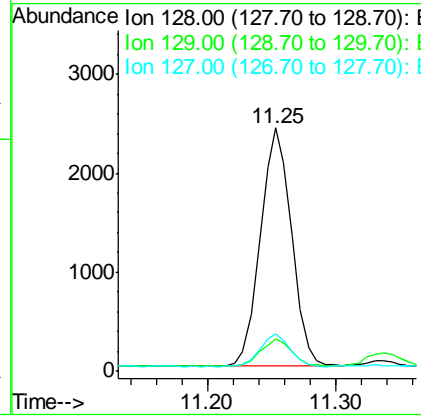
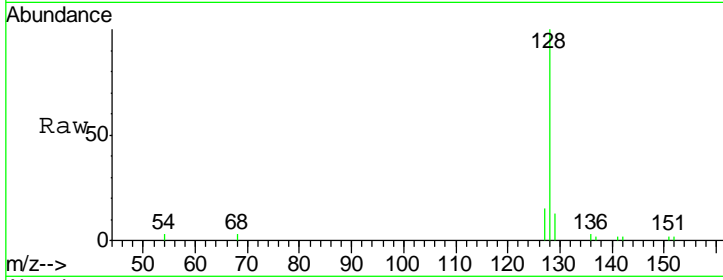


#3
 Naphthalene
 Concen: 0.258 ng/ul
 RT: 11.25 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

Instrument :
 BNA_E
ClientSampled :
 C0AD1

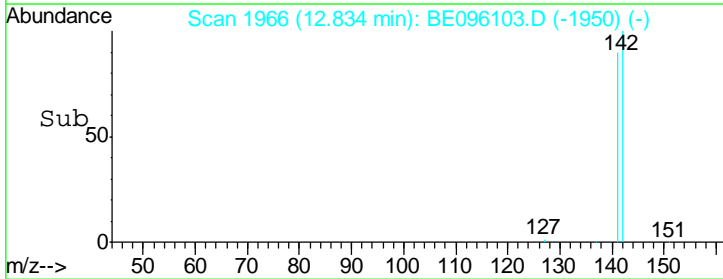
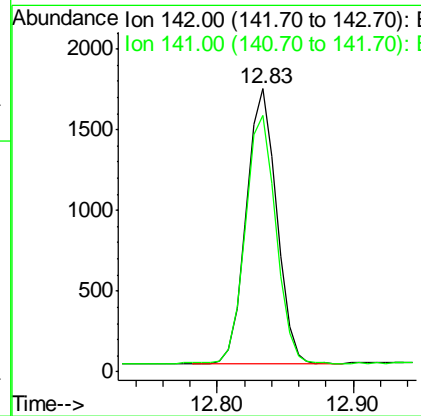
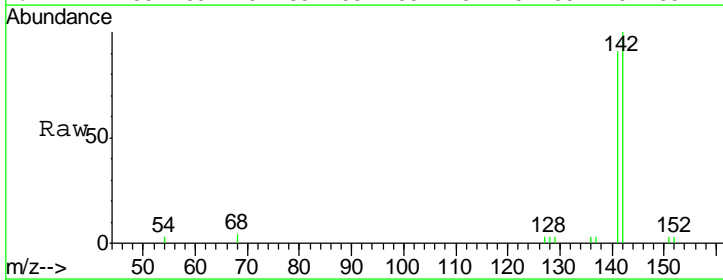
Tgt Ion	Resp	Lower	Upper
128	4075		
129	13.3	11.3	16.9
127	15.2	4.0	6.0#

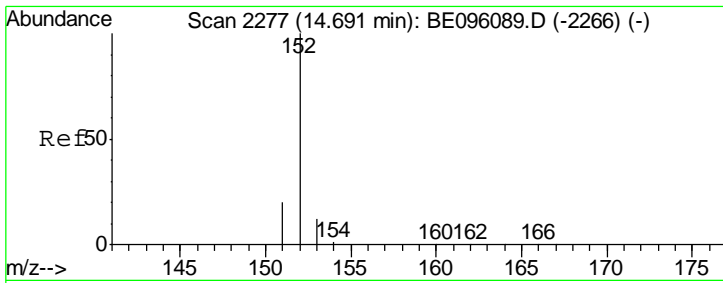
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#5
 2-Methylnaphthalene
 Concen: 0.245 ng/ul
 RT: 12.83 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

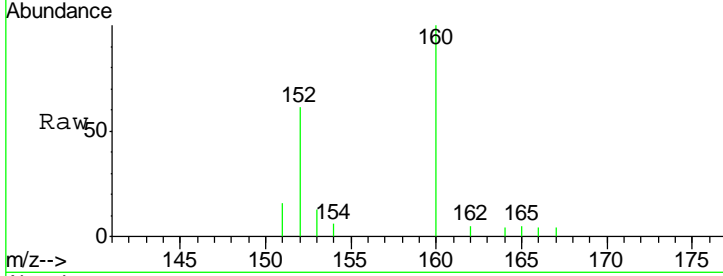
Tgt Ion	Resp	Lower	Upper
142	2629		
141	90.7	72.6	108.8





#7
 Acenaphthylene
 Concen: 0.092 ng/ul
 RT: 14.70 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

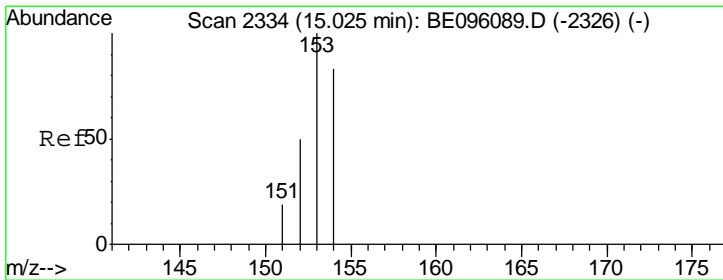
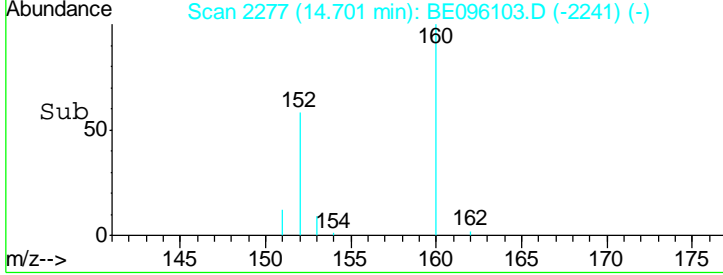
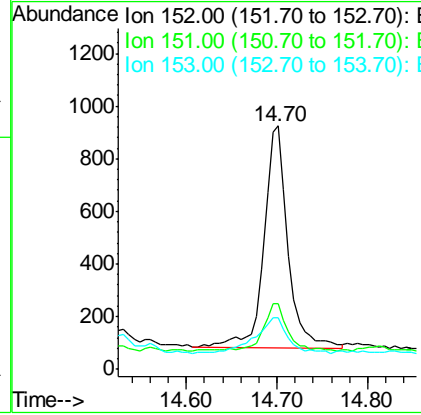
Instrument :
 BNA_E
 ClientSampled :
 C0AD1



Tgt Ion: 152 Resp: 1558

Ion	Ratio	Lower	Upper
152	100		
151	26.7	17.1	25.7#
153	21.3	12.8	19.2#

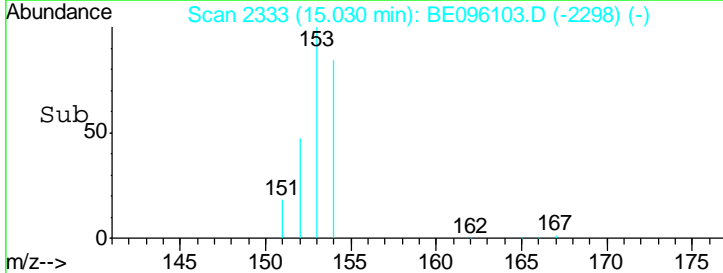
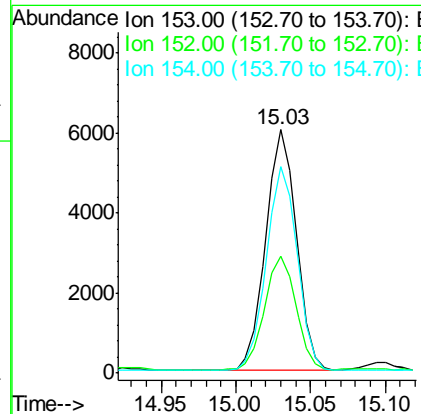
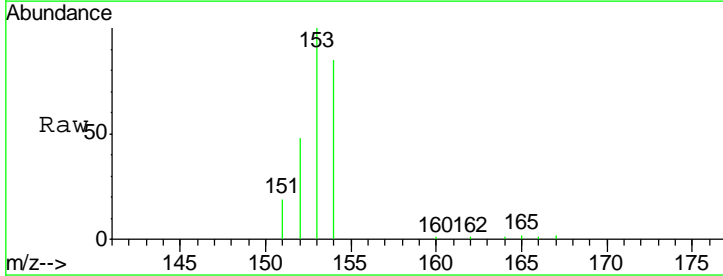
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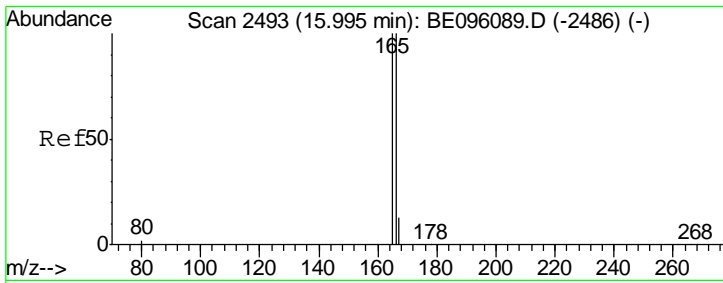


#8
 Acenaphthene
 Concen: 0.706 ng/ul
 RT: 15.03 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

Tgt Ion: 153 Resp: 8566

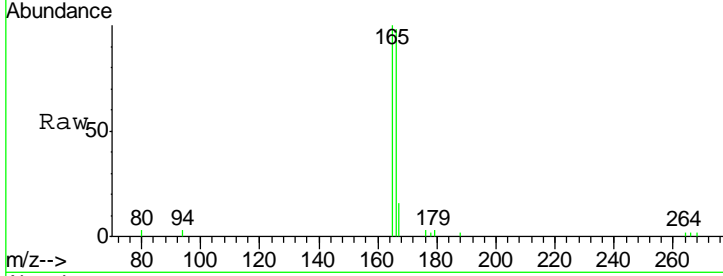
Ion	Ratio	Lower	Upper
153	100		
152	48.2	36.0	54.0
154	84.8	72.0	108.0





#9
 Fluorene
 Concen: 0.315 ng/ul
 RT: 15.99 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

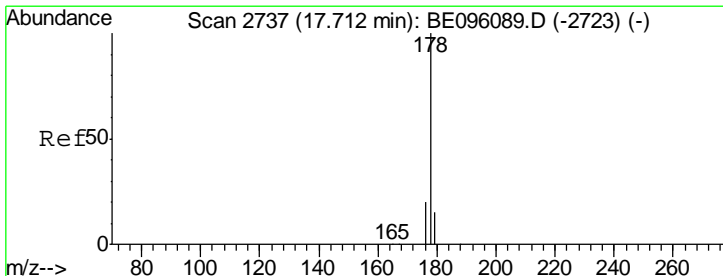
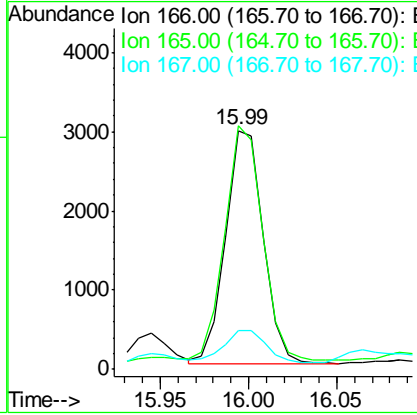
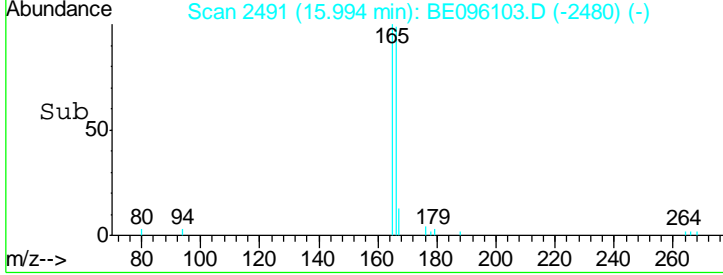
Instrument :
 BNA_E
ClientSampled :
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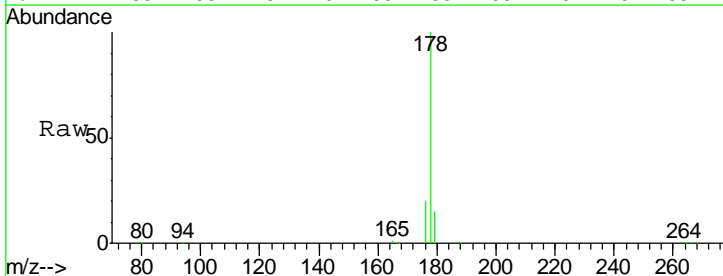
Tgt Ion: 166 Resp: 4315

Ion	Ratio	Lower	Upper
166	100		
165	101.9	73.4	110.2
167	16.0	14.6	22.0

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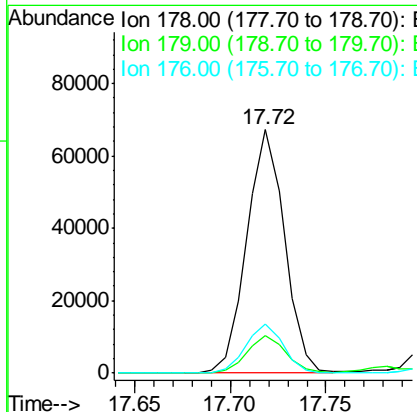
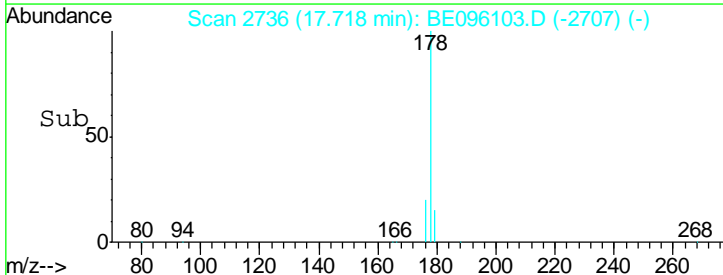


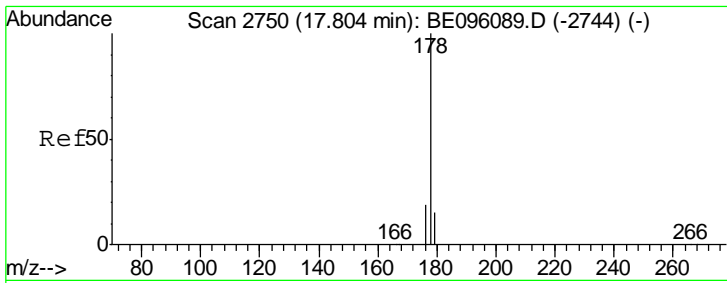
#12
 Phenanthrene
 Concen: 4.283 ng/ul m
 RT: 17.72 min Scan# 2736
 Delta R.T. 0.01 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01



Tgt Ion: 178 Resp: 92706

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	20.1	13.6	20.4





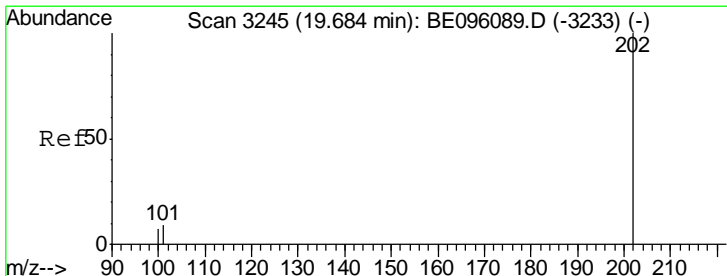
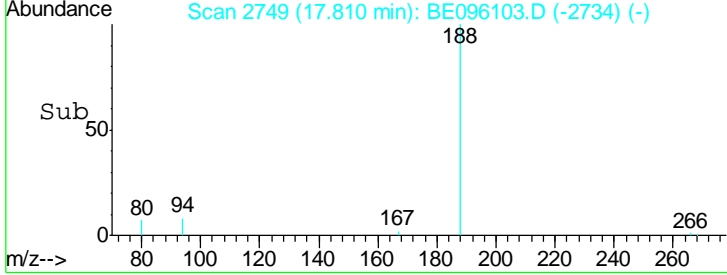
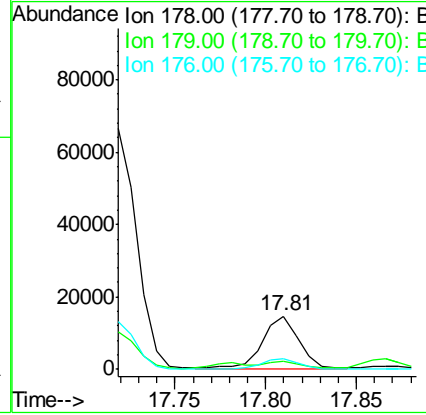
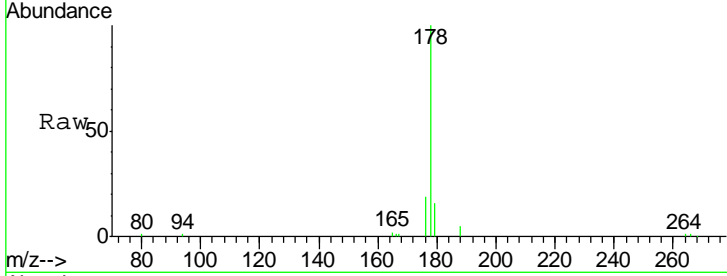
#13
 Anthracene
 Concen: 0.986 ng/ul m
 RT: 17.81 min Scan# 2749
 Delta R.T. 0.01 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

Instrument :
 BNA_E
 ClientSampled :
 C0AD1

Tgt Ion	Resp	Lower	Upper
178	21242		
179	16.3	18.1	27.1#
176	18.8	14.7	22.1

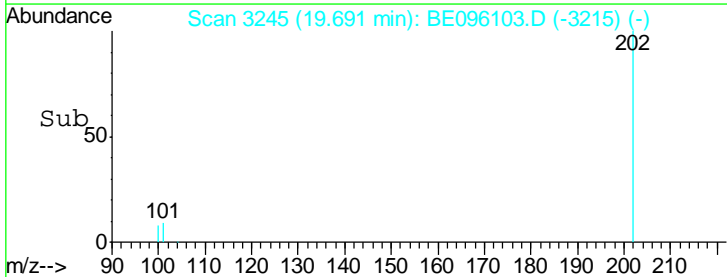
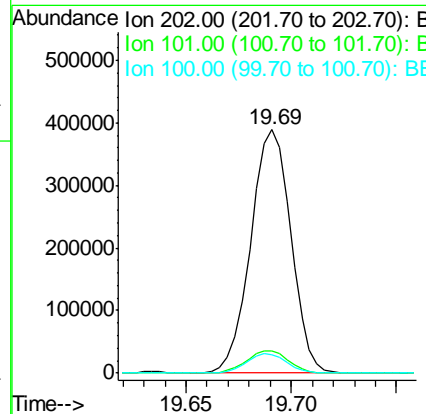
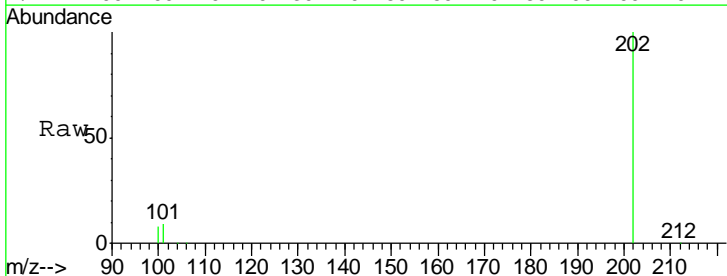
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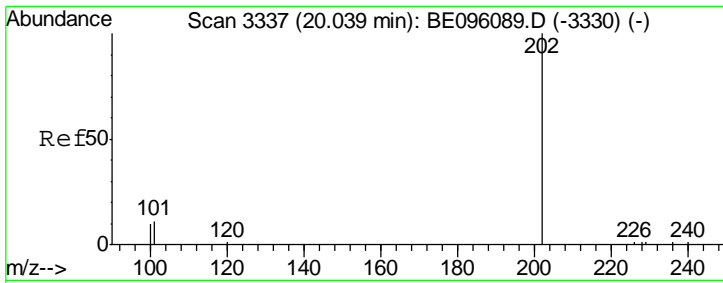
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#15
 Fluoranthene
 Concen: 17.520 ng/ul m
 RT: 19.69 min Scan# 3245
 Delta R.T. 0.01 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

Tgt Ion	Resp	Lower	Upper
202	516006		
101	9.3	0.0	30.3
100	7.7	0.0	39.5



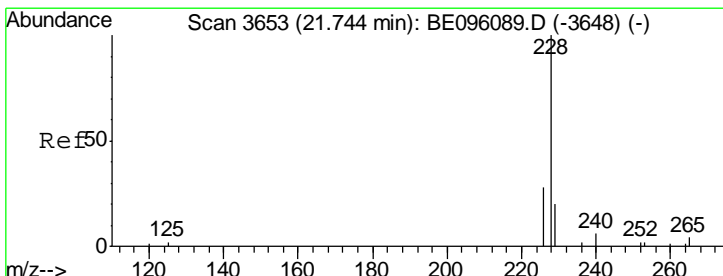
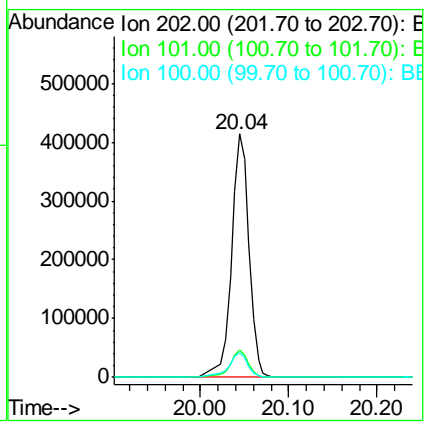
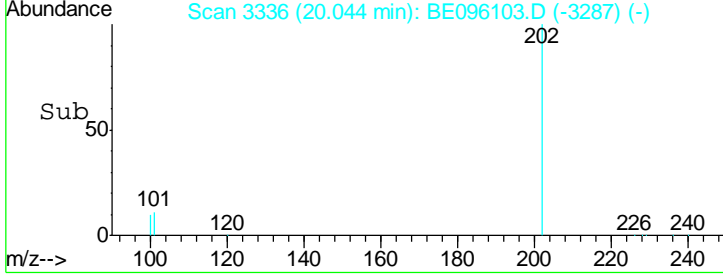
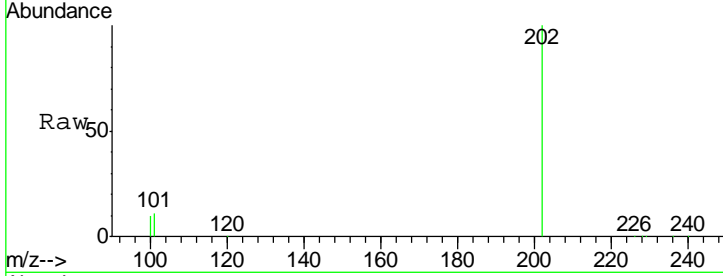


#17
 Pyrene
 Concen: 25.457 ng/ul
 RT: 20.04 min Scan# 3336
 Delta R.T. 0.00 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

Instrument :
 BNA_E
Client Sampled :
 C0AD1

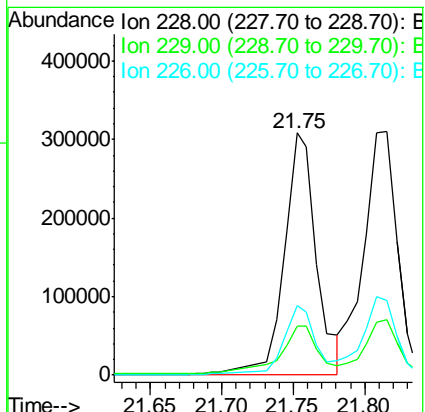
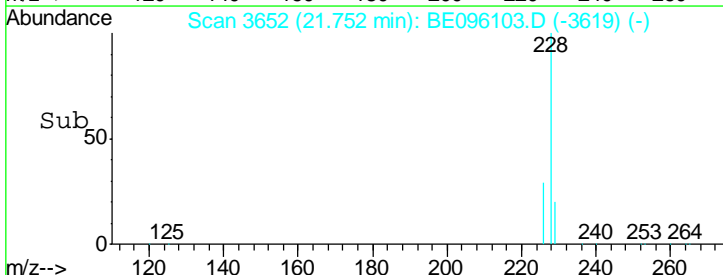
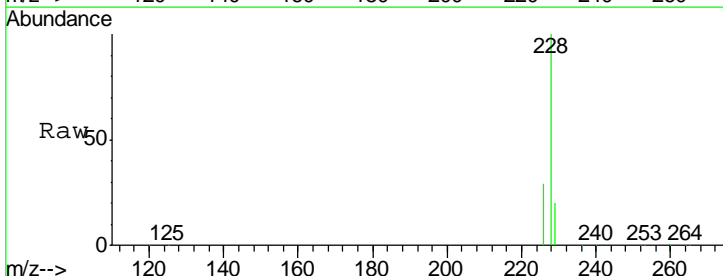
Tgt Ion	Resp	Lower	Upper
202	603958		
202	100		
101	11.1	18.2	27.4#
100	10.1	15.6	23.4#

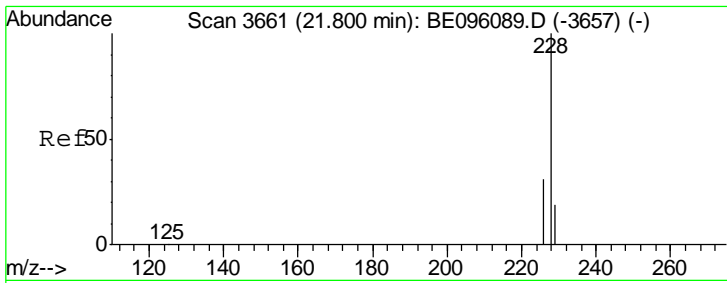
Manual Integrations
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#18
 Benzo(a)anthracene
 Concen: 20.773 ng/ul m
 RT: 21.75 min Scan# 3652
 Delta R.T. 0.01 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

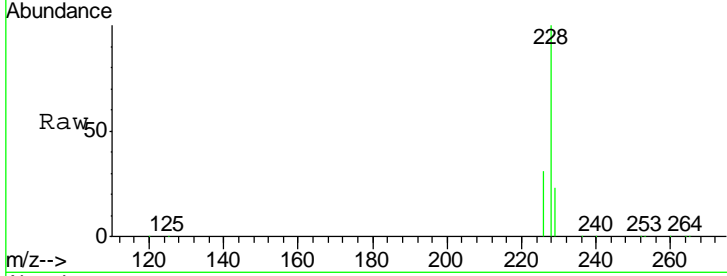
Tgt Ion	Resp	Lower	Upper
228	585960		
228	100		
229	20.4	22.8	34.2#
226	29.0	17.0	25.6#





#19
 Chrysene
 Concen: 24.880 ng/ul
 RT: 21.82 min Scan# 3661
 Delta R.T. 0.02 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

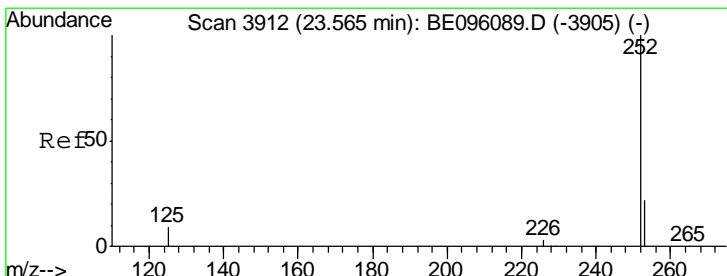
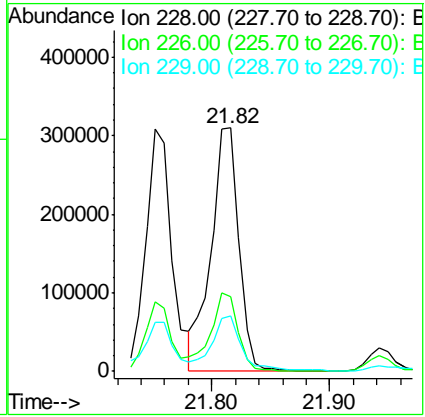
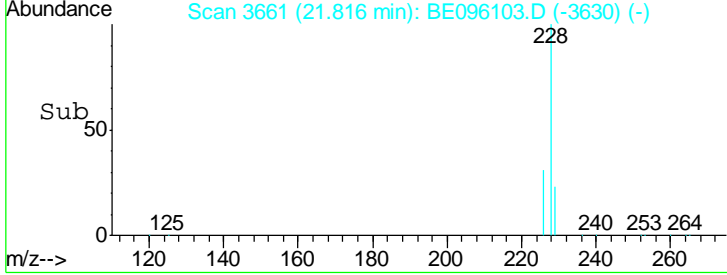
Instrument :
 BNA_E
Client Sampled :
 C0AD1



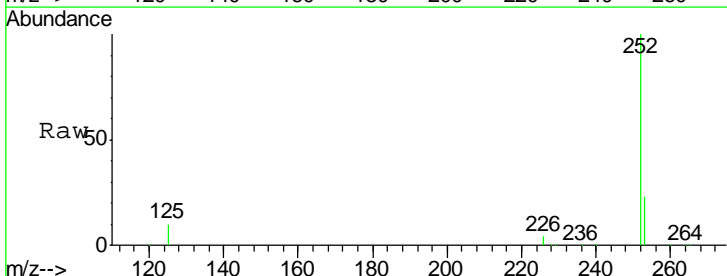
Tgt Ion: 228 Resp: 505091

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	22.9	17.7	26.5

Manual Integrations
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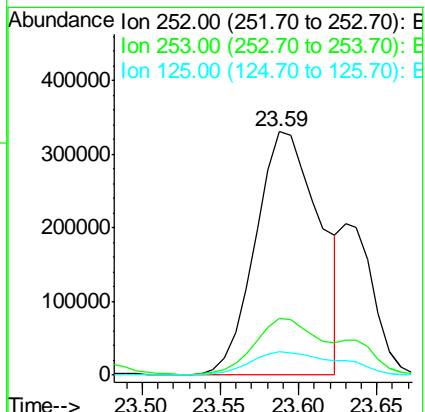
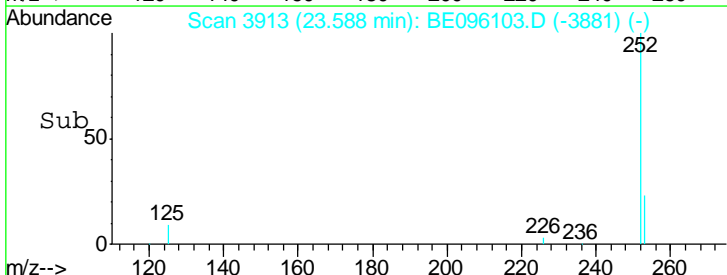


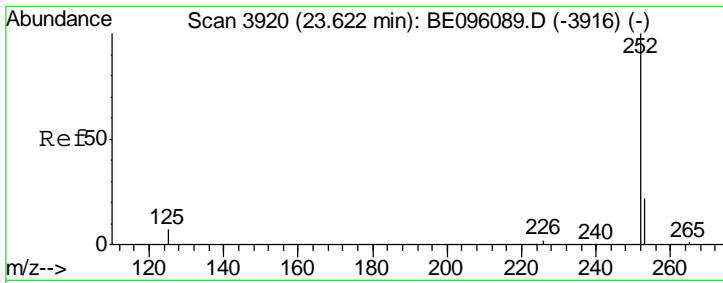
#21
 Benzo(b)fluoranthene
 Concen: 43.183 ng/ul m
 RT: 23.59 min Scan# 3913
 Delta R.T. 0.02 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01



Tgt Ion: 252 Resp: 949069

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	9.6	0.0	35.0





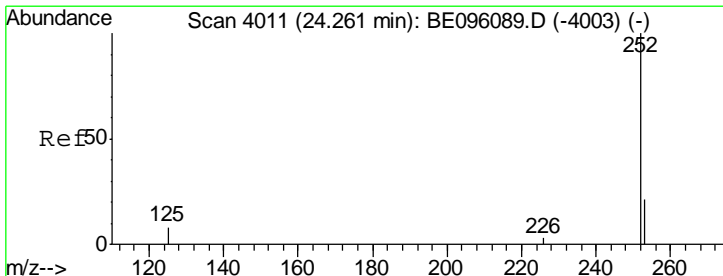
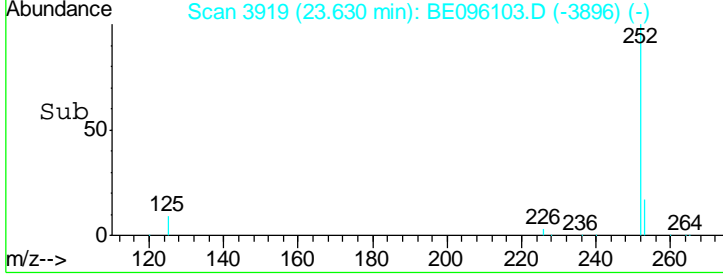
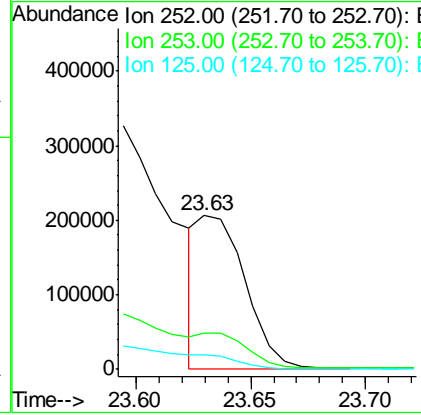
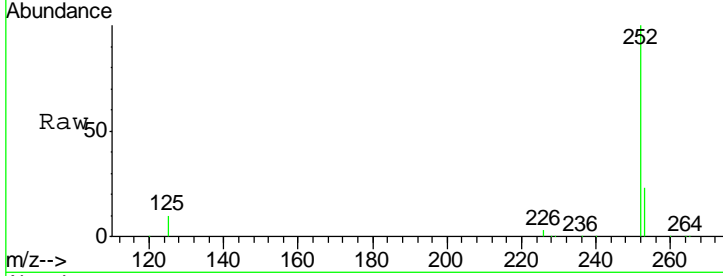
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 Benzo(k)fluoranthene
 Concen: 13.531 ng/ul m
 RT: 23.63 min Scan# 3919
 Delta R.T. 0.01 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

Instrument :
 BNA_E
 Client Sampled :
 C0AD1

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.2	24.5	36.7#
125	9.6	13.7	20.5#

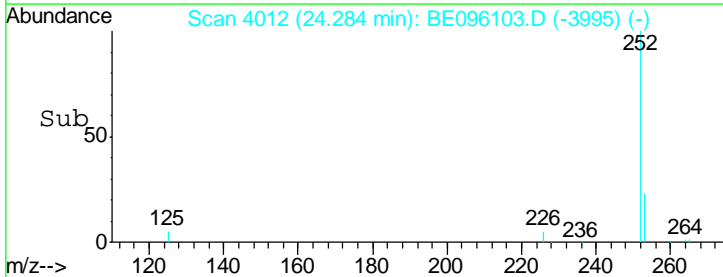
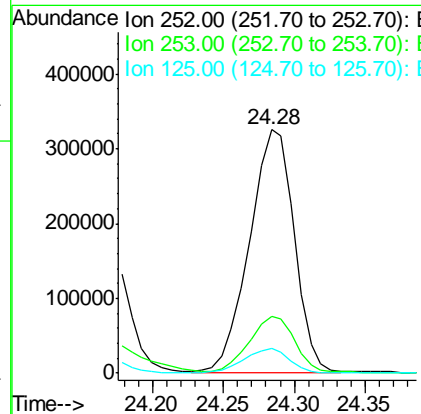
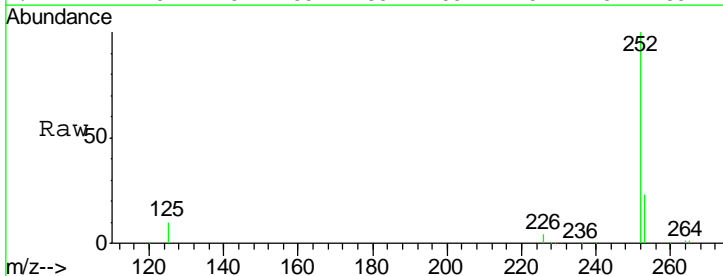
Manual Integrations
 APPROVED

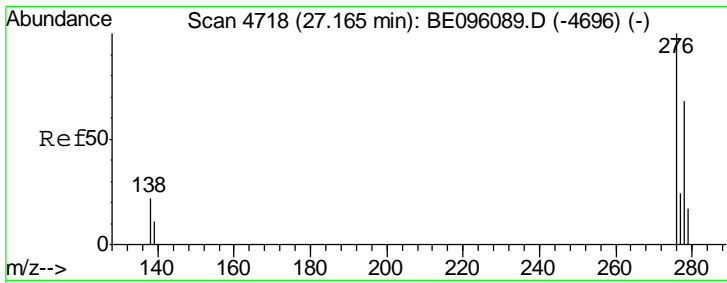
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#23
 Benzo(a)pyrene
 Concen: 33.794 ng/ul m
 RT: 24.28 min Scan# 4012
 Delta R.T. 0.02 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

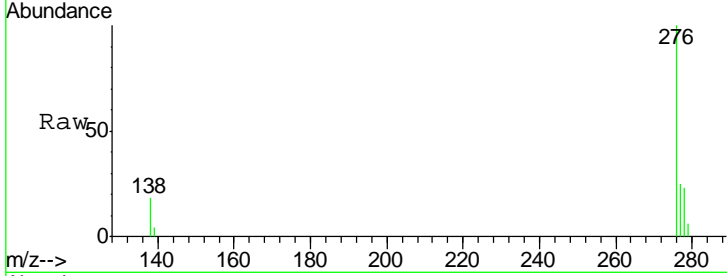
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	9.9	18.1	27.1#





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 22.094 ng/ul m
 RT: 27.21 min Scan# 4728
 Delta R.T. 0.04 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

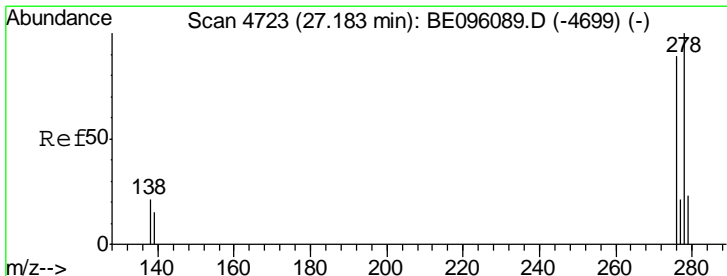
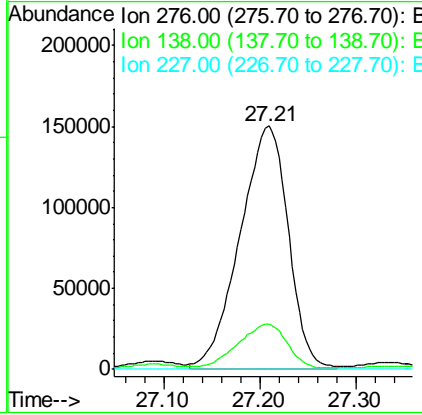
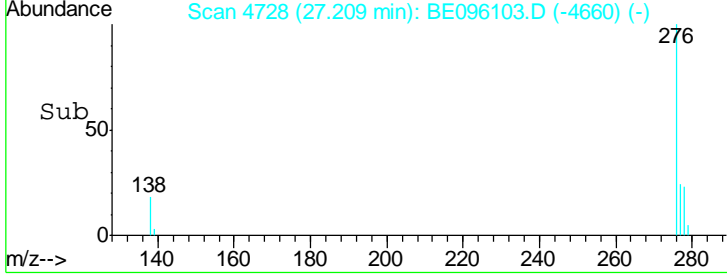
Instrument :
 BNA_E
 ClientSampled :
 C0AD1



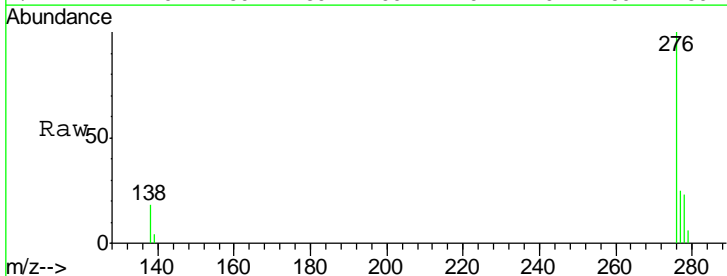
Tgt Ion	Resp	Lower	Upper
276	100		
138	18.1	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

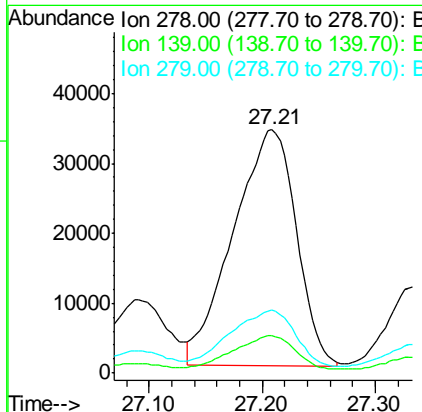
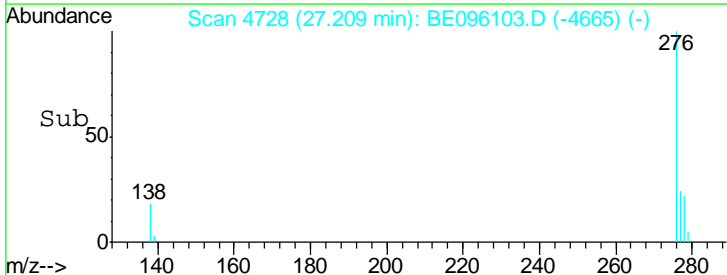
Sohil
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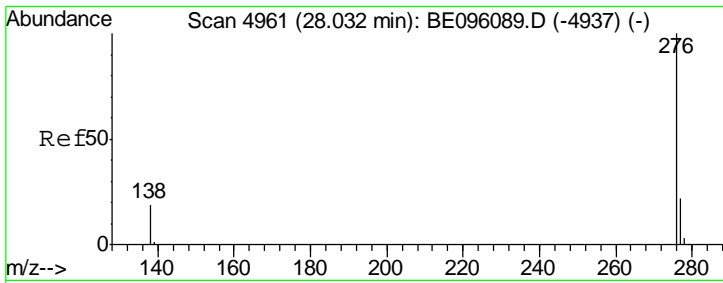


#25
 Dibenzo(a,h)anthracene
 Concen: 6.889 ng/ul m
 RT: 27.21 min Scan# 4728
 Delta R.T. 0.03 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01



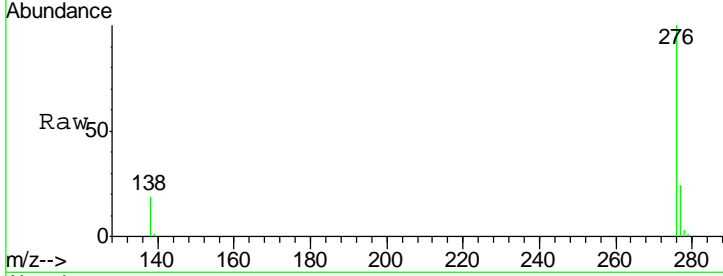
Tgt Ion	Resp	Lower	Upper
278	100		
139	15.3	17.4	26.0#
279	25.8	25.9	38.9#





#26
 Benzo(a,h,i)perylene
 Concen: 26.833 ng/ul m
 RT: 28.09 min Scan# 4974
 Delta R.T. 0.05 min
 Lab File: BE096103.D
 Acq: 24 Apr 2018 2:01

Instrument :
 BNA_E
ClientSampled :
 C0AD1



Tot Ion: 276 Resp: 528262

Ion	Ratio	Lower	Upper
276	100		
138	19.2	21.8	32.8#
277	24.1	20.5	30.7

Manual Integrations
APPROVED
 Sohil
 4/24/2018 7:11:04 PM

