

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097207.D
 Acq On : 4 Aug 2018 18:37
 Operator : SJ/JU
 Sample : J4206-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J6

Manual Integrations
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Sohil
 8/6/2018 12:50:55 PM

Quant Time: Aug 06 03:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1429	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7656	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4859	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	11270m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	11846m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10587m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	2284	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	7608m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	3447	0.186	ng/ul#	95
5) 2-Methylnaphthalene	11.80	142	689	0.056	ng/ul	98
7) Acenaphthylene	13.73	152	1733	0.082	ng/ul#	81
8) Acenaphthene	14.08	153	584	0.038	ng/ul#	88
9) Fluorene	15.08	166	790	0.045	ng/ul#	83
12) Phenanthrene	16.81	178	17523m	0.610	ng/ul	
13) Anthracene	16.90	178	1741m	0.065	ng/ul	
15) Fluoranthene	18.84	202	23989m	0.632	ng/ul	
17) Pyrene	19.21	202	31006	0.977	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	9703m	0.287	ng/ul	
19) Chrysene	21.01	228	16565m	0.475	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	18172m	0.630	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	6375m	0.205	ng/ul	
23) Benzo(a)pyrene	23.11	252	14638m	0.507	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	10260m	0.284	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	2408m	0.081	ng/ul	
26) Benzo(a,h,i)perylene	26.21	276	10951m	0.351	ng/ul	

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

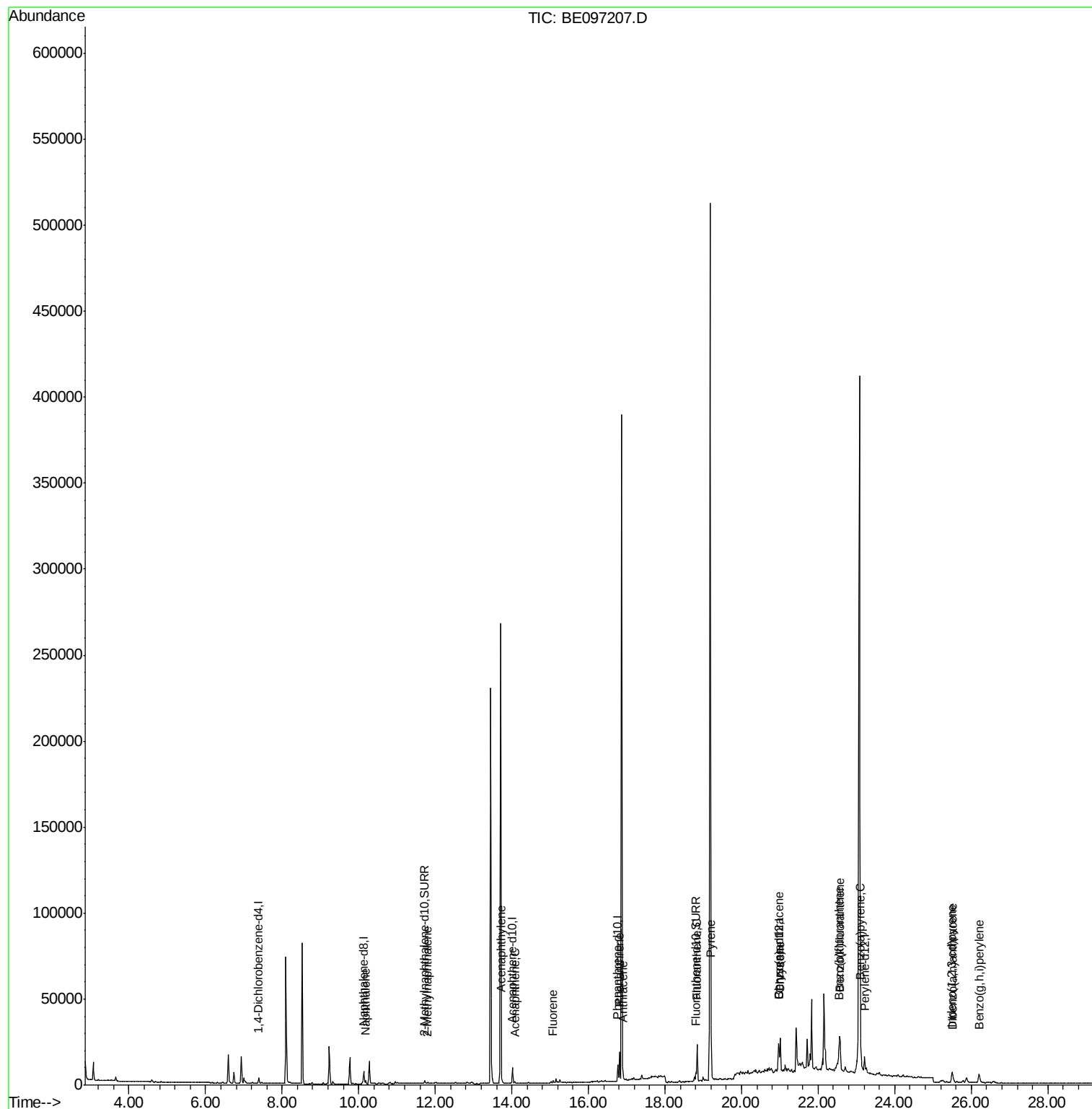
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097207.D
Acq On : 4 Aug 2018 18:37
Operator : SJ/JU
Sample : J4206-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

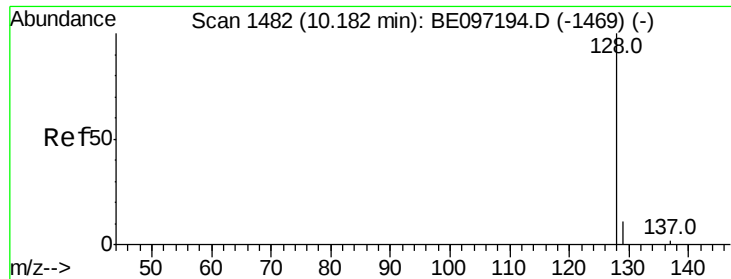
Instrument :
BNA_E
ClientSampleId :
JJ1J6

Manual Integrations
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Quant Time: Aug 06 03:10:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 00:53:27 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.186 ng/ul

RT: 10.18 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE097207.D

Acq: 4 Aug 2018 18:37

Instrument :

BNA_E

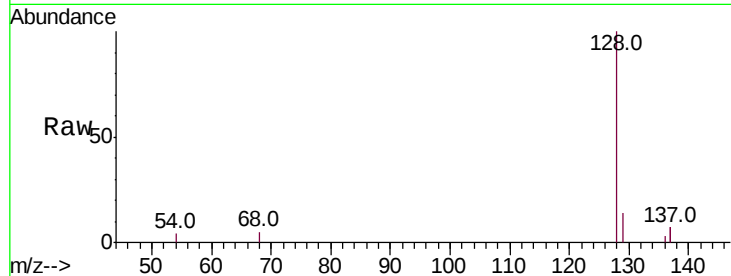
ClientSampleId :

JJ1J6

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.6	11.3	16.9
127	0.0	4.0	6.0

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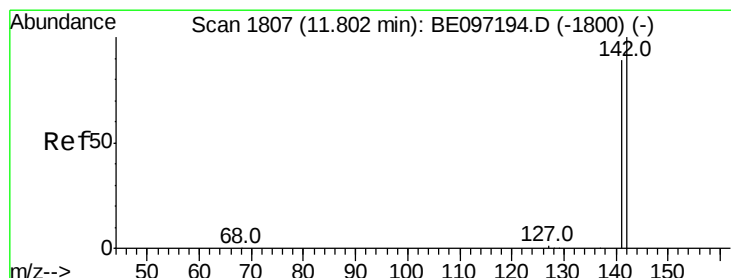
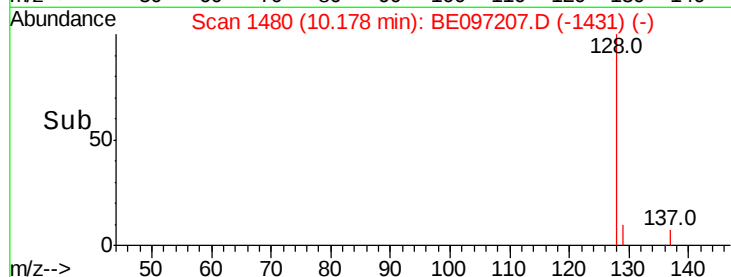
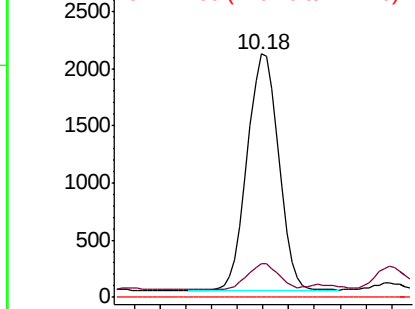


Abundance

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



#5

2-Methylnaphthalene

Concen: 0.056 ng/ul

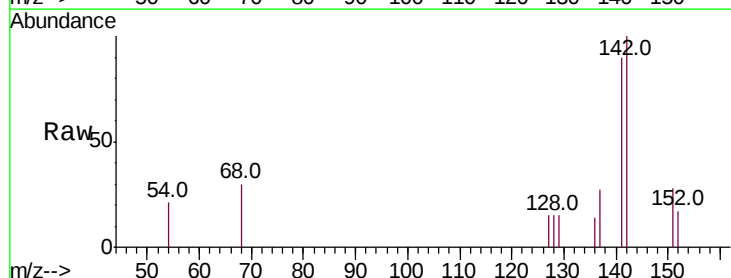
RT: 11.80 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BE097207.D

Acq: 4 Aug 2018 18:37

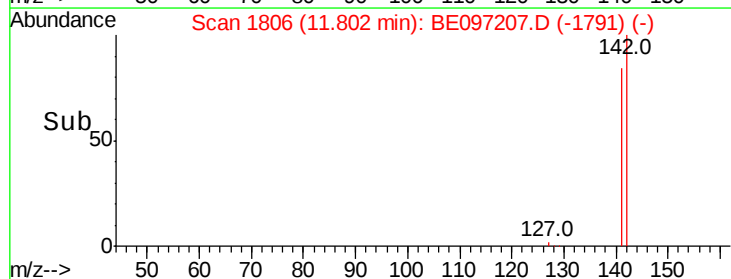
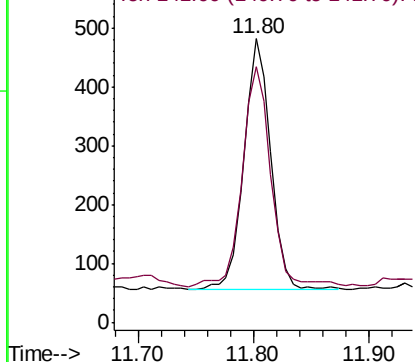
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.6	108.8

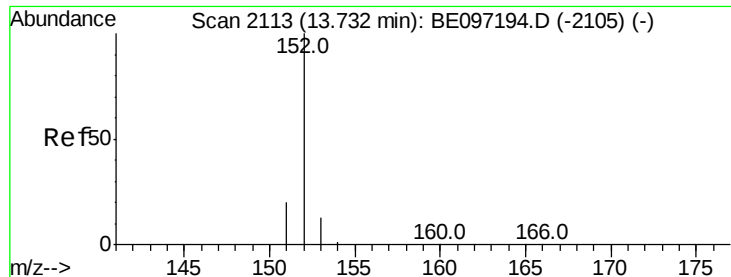


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.082 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE097207.D

Acq: 4 Aug 2018 18:37

Instrument :

BNA_E

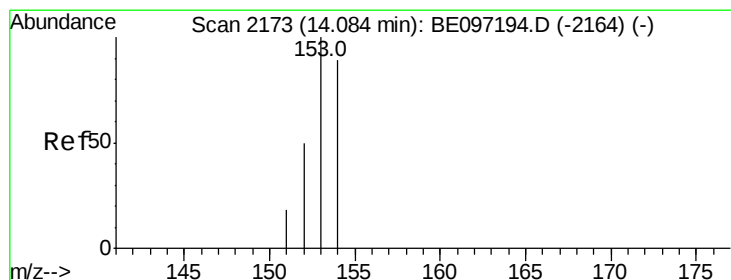
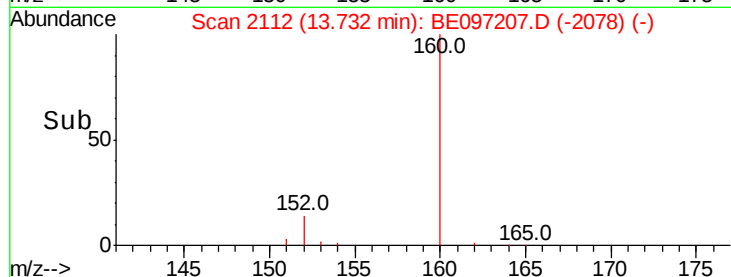
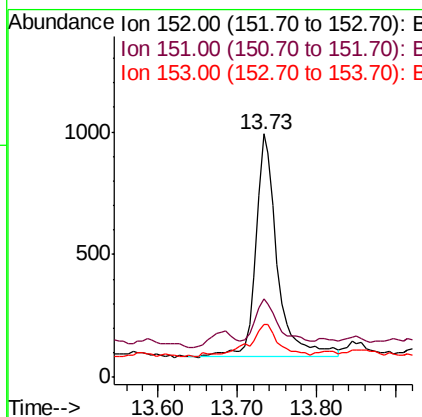
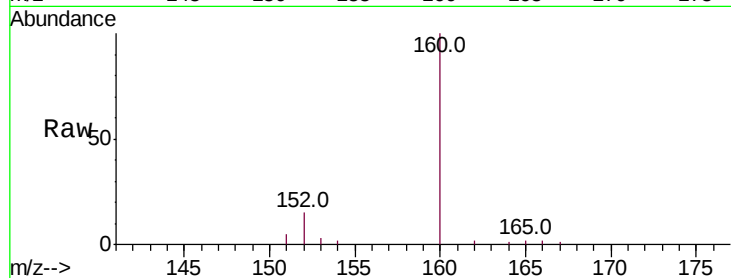
ClientSampled :

JJ1J6

Tot Ion:	152	Resp:	1733
Ion Ratio	Lower	Upper	
152	100		
151	32.1	17.1	25.7#
153	21.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.038 ng/ul

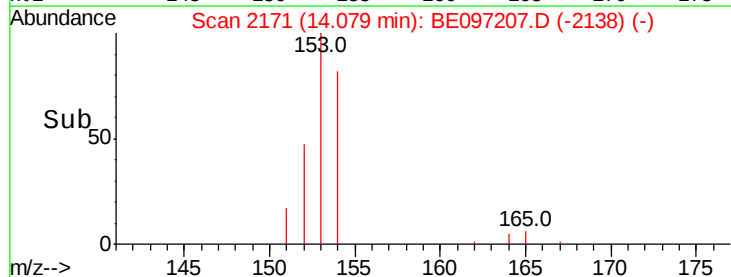
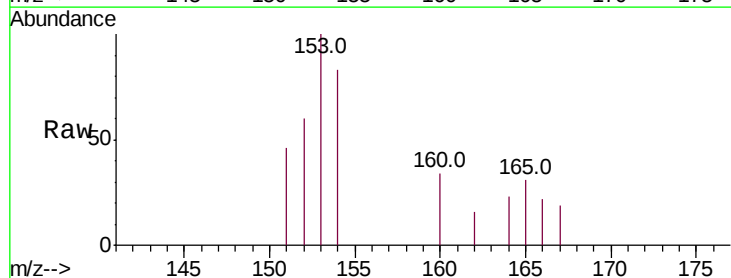
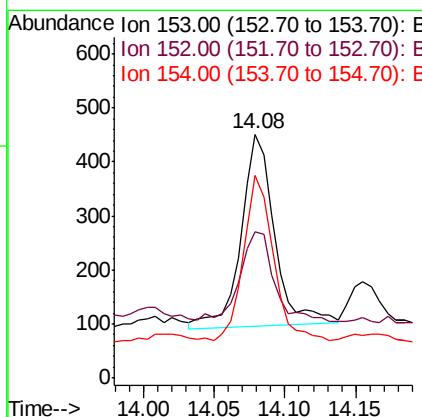
RT: 14.08 min Scan# 2171

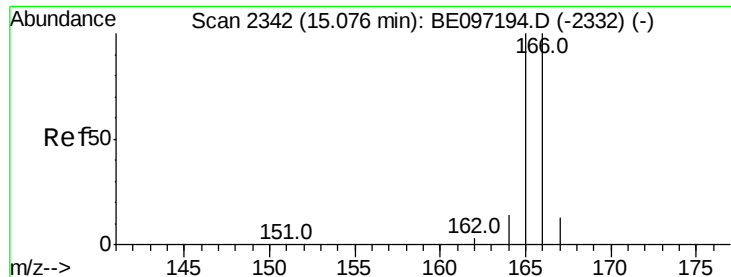
Delta R.T. -0.01 min

Lab File: BE097207.D

Acq: 4 Aug 2018 18:37

Tgt Ion:	153	Resp:	584
Ion Ratio	Lower	Upper	
153	100		
152	59.9	36.0	54.0#
154	83.1	72.0	108.0





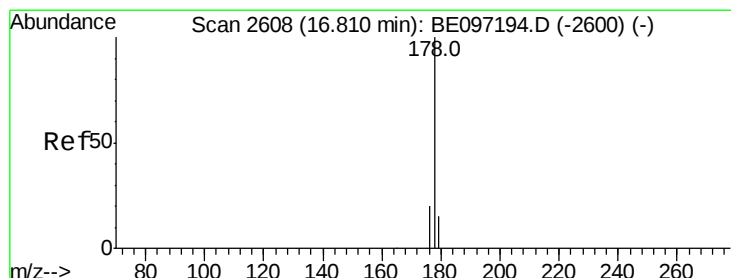
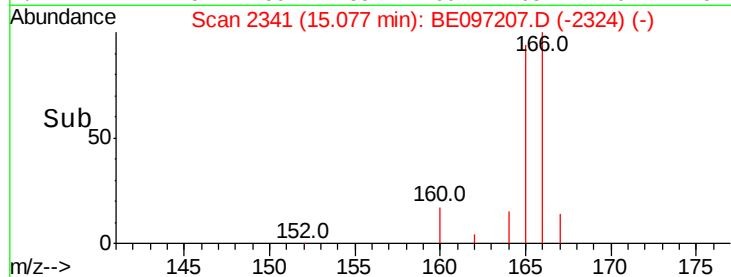
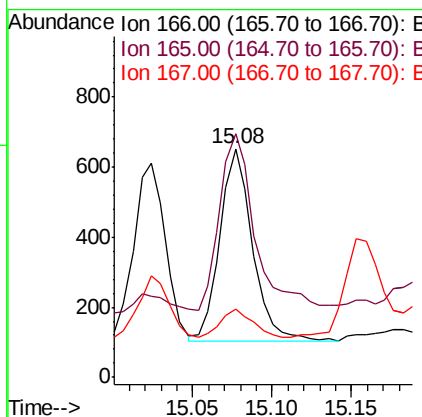
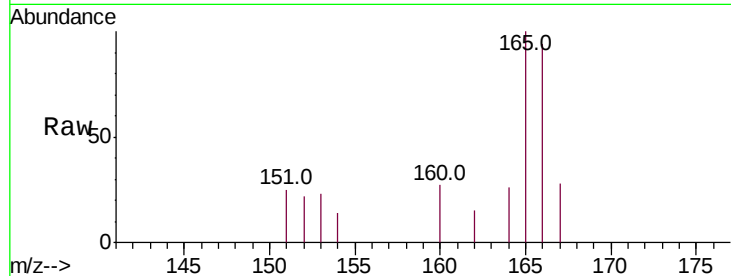
#9
Fluorene
 Concen: 0.045 ng/ul
 RT: 15.08 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BE097207.D
 Acq: 4 Aug 2018 18:37

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J6

Tot Ion	Ratio	Lower	Upper
166	100		
165	106.6	73.4	110.2
167	30.1	14.6	22.0

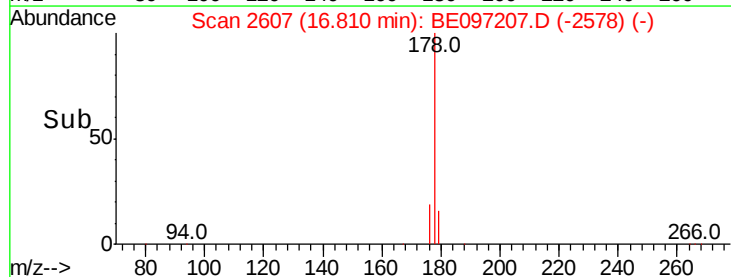
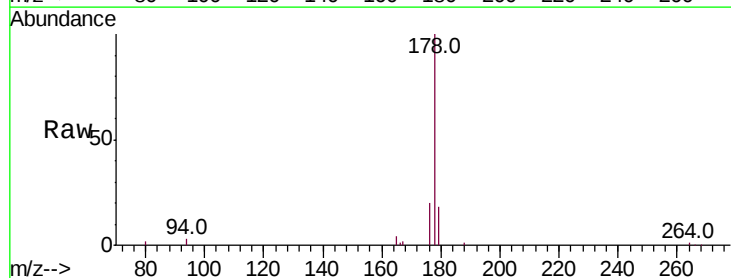
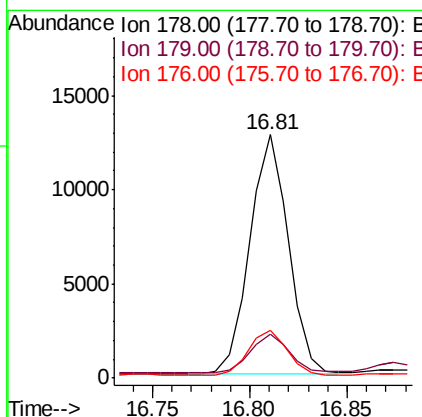
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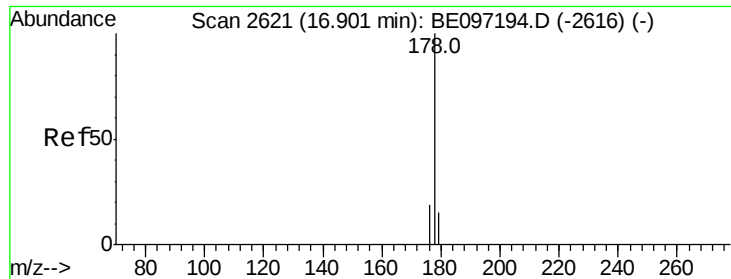
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#12
Phenanthrene
 Concen: 0.610 ng/ul m
 RT: 16.81 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: BE097207.D
 Acq: 4 Aug 2018 18:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	18.4	27.6
176	19.8	13.6	20.4





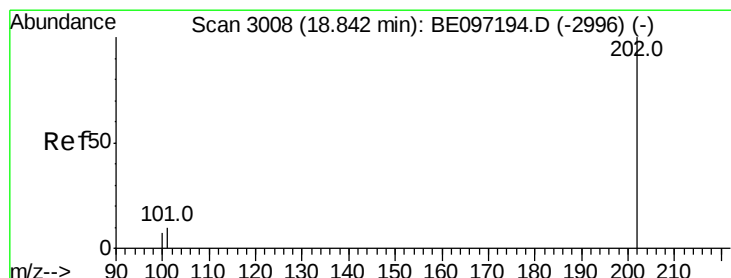
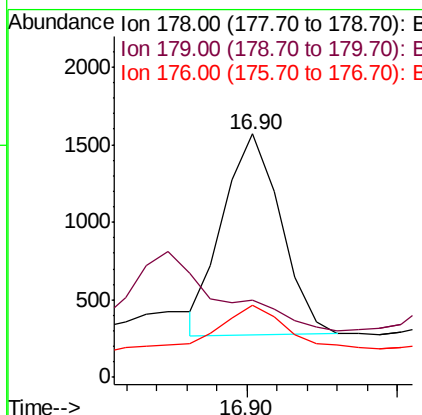
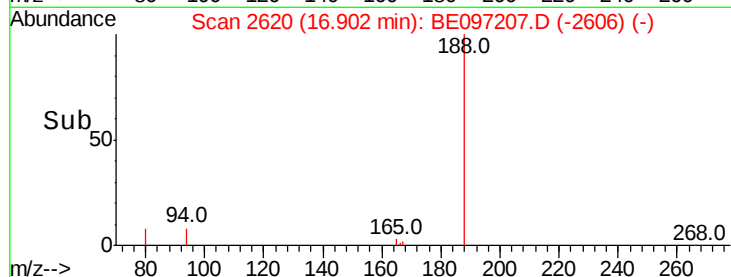
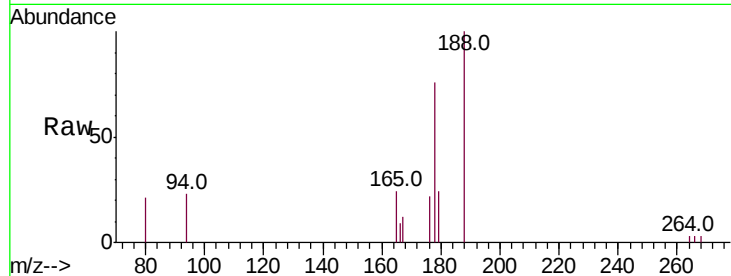
#13
 Anthracene
 Concen: 0.065 ng/ul m
 RT: 16.90 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BE097207.D
 Acq: 4 Aug 2018 18:37

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J6

Tot Ion	Ratio	Lower	Upper
178	100		
179	32.0	18.1	27.1#
176	29.7	14.7	22.1#

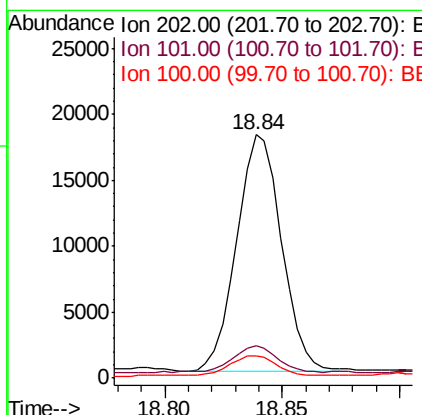
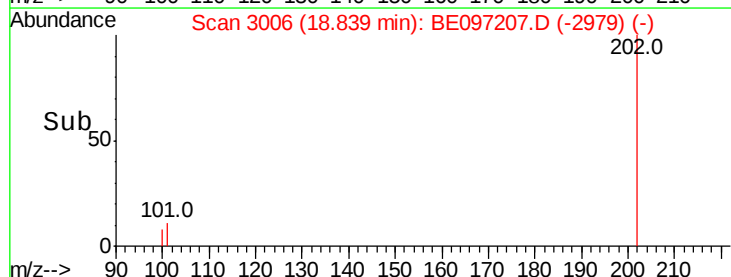
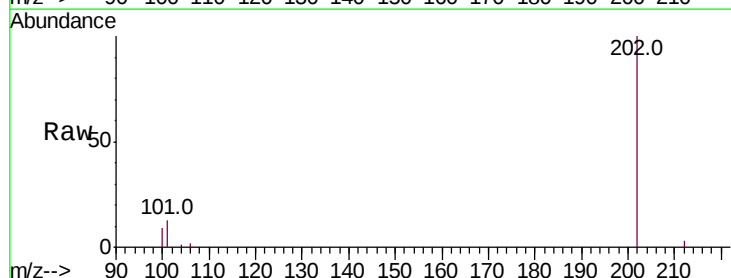
Manual Integrations
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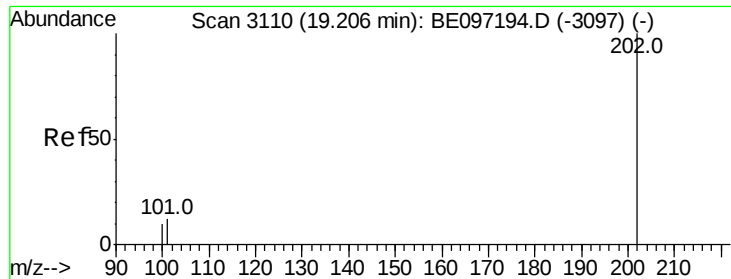
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#15
 Fluoranthene
 Concen: 0.632 ng/ul m
 RT: 18.84 min Scan# 3006
 Delta R.T. -0.00 min
 Lab File: BE097207.D
 Acq: 4 Aug 2018 18:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	30.3
100	9.1	0.0	39.5





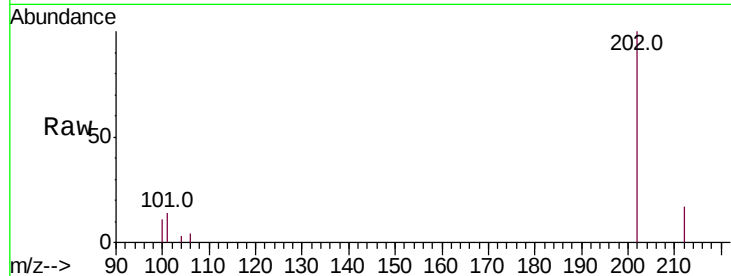
#17
Pvrene
Concen: 0.977 ng/ul
RT: 19.21 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BE097207.D
Acq: 4 Aug 2018 18:37

Instrument :
BNA_E
ClientSampleId :
JJ1J6

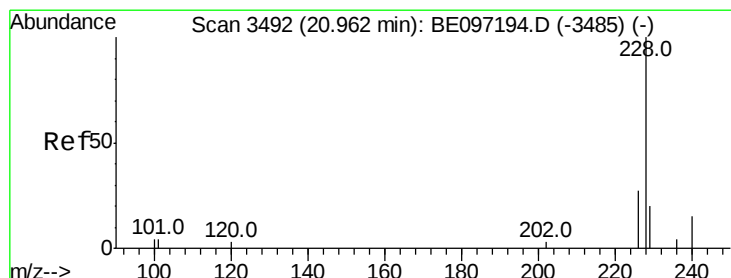
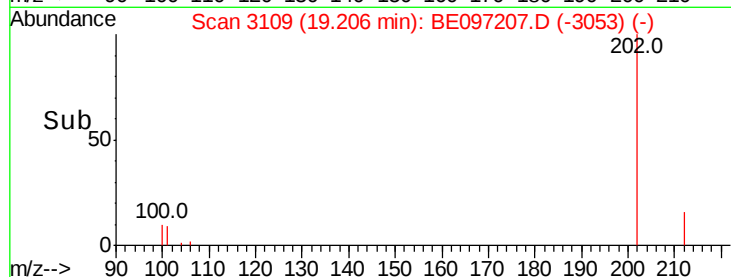
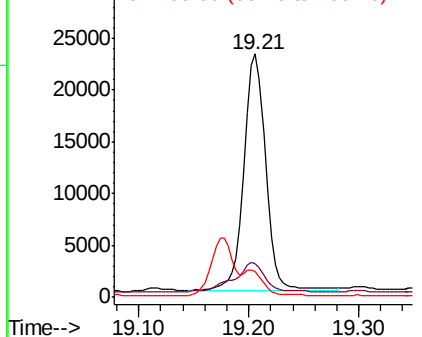
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	18.2	27.4#
100	10.6	15.6	23.4#

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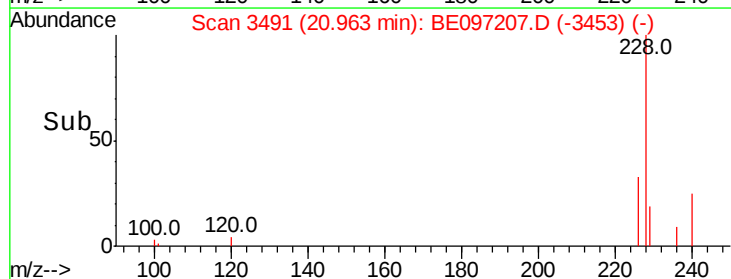
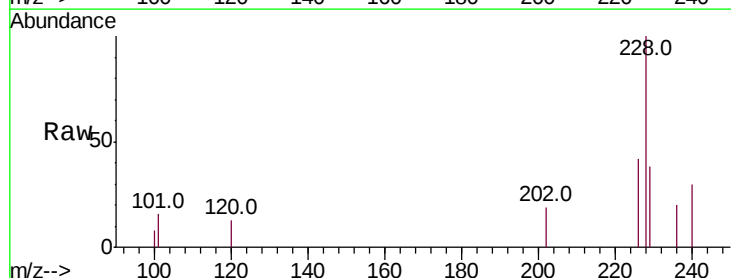
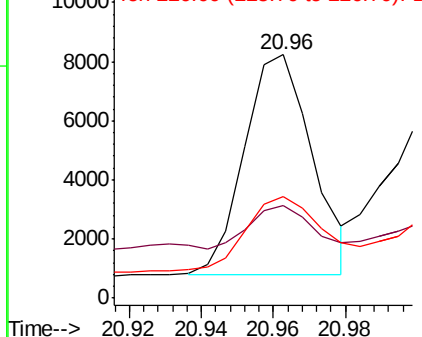
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

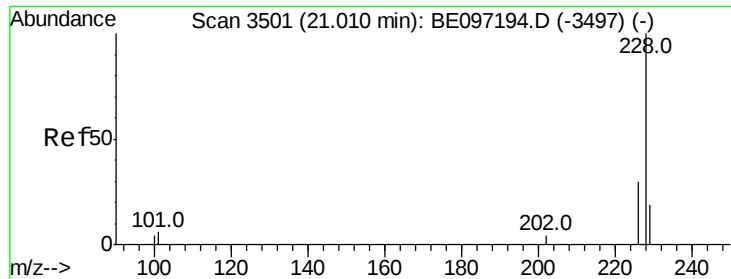


#18
Benzo(a)anthracene
Concen: 0.287 ng/ul m
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE097207.D
Acq: 4 Aug 2018 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
229	38.0	22.8	34.2#
226	41.8	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





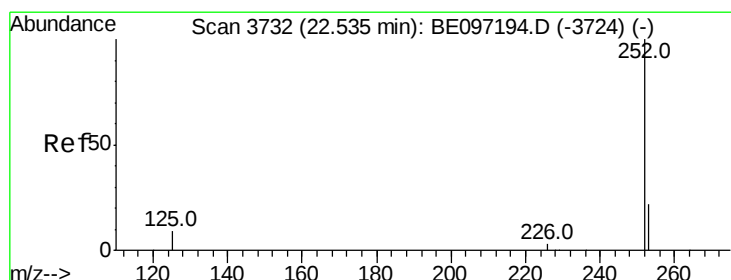
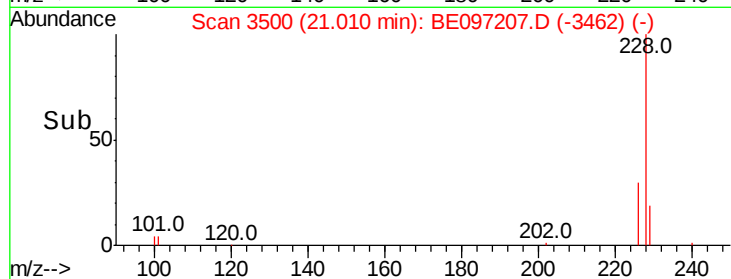
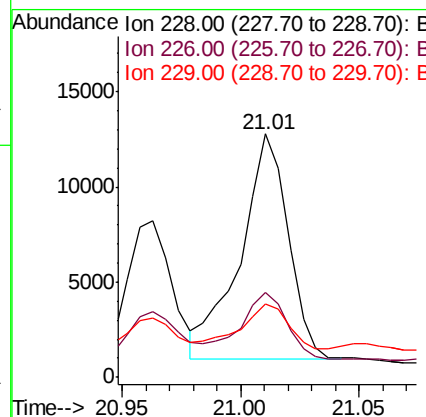
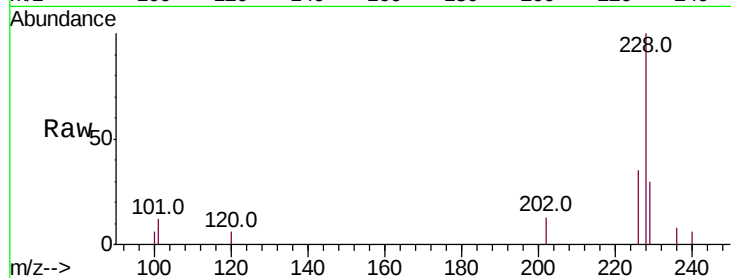
#19
Chrysene
Concen: 0.475 ng/ul m
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE097207.D
Acq: 4 Aug 2018 18:37

Instrument :
BNA_E
ClientSampleId :
JJ1J6

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.0	23.4	35.0
229	30.3	17.7	26.5

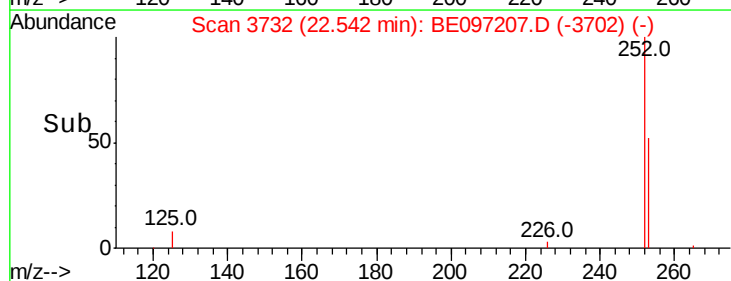
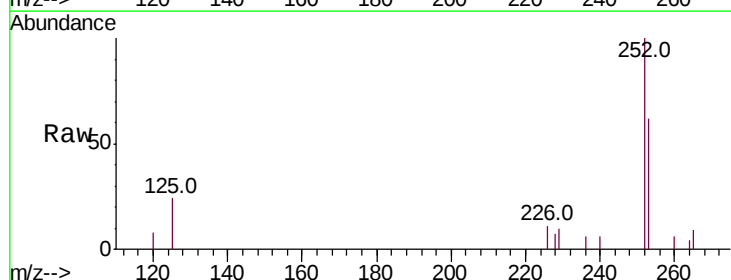
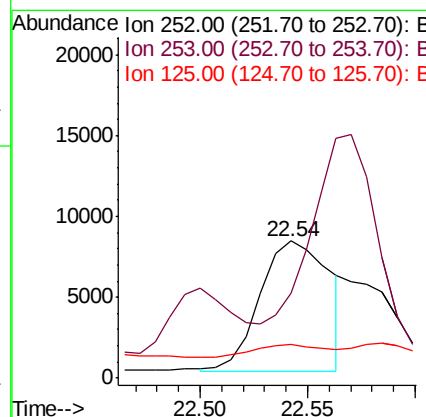
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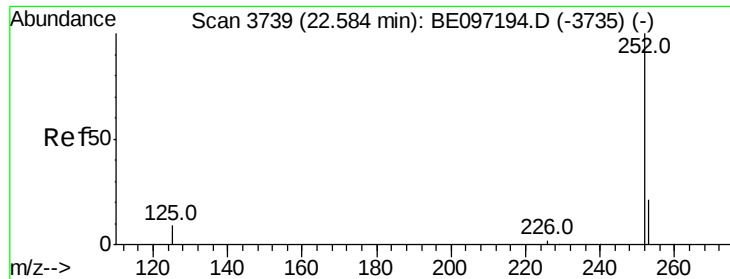
Sohil
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#21
Benzo(b)fluoranthene
Concen: 0.630 ng/ul m
RT: 22.54 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE097207.D
Acq: 4 Aug 2018 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	62.3	0.0	64.2
125	24.1	0.0	35.0





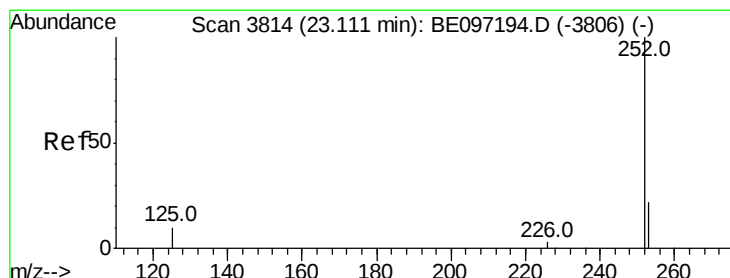
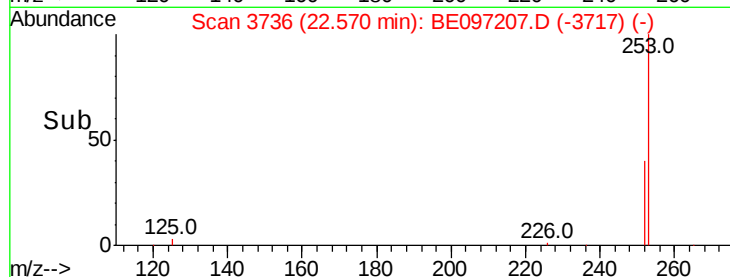
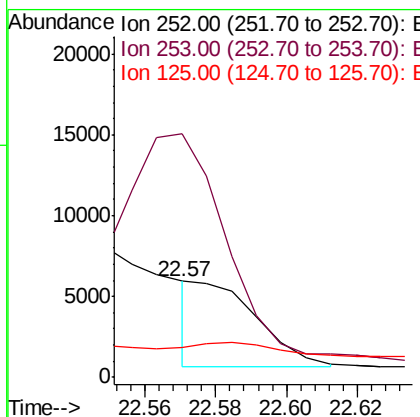
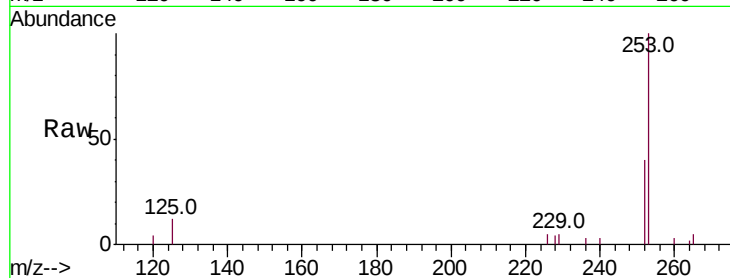
#22
Benzo(k)fluoranthene
Concen: 0.205 ng/ul m
RT: 22.57 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BE097207.D
Acq: 4 Aug 2018 18:37

Instrument :
BNA_E
ClientSampleId :
JJ1J6

Tot Ion	Ratio	Lower	Upper
252	100		
253	253.0	24.5	36.7#
125	30.5	13.7	20.5#

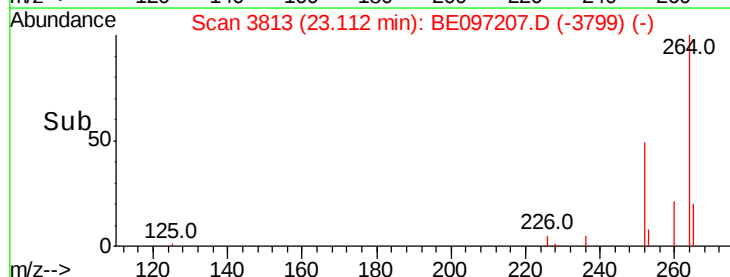
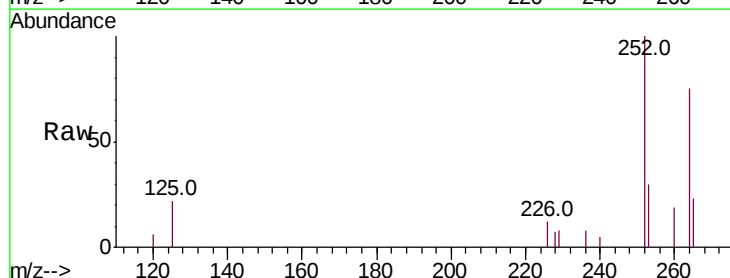
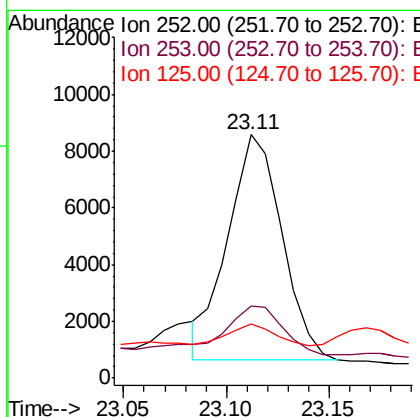
Manual Integrations
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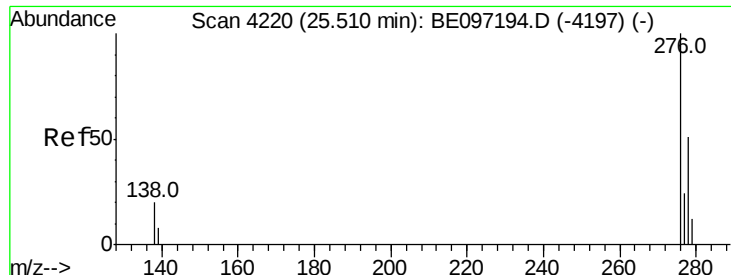
Sohil
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#23
Benzo(a)pyrene
Concen: 0.507 ng/ul m
RT: 23.11 min Scan# 3813
Delta R.T. 0.00 min
Lab File: BE097207.D
Acq: 4 Aug 2018 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.8	28.5	42.7
125	22.1	18.1	27.1





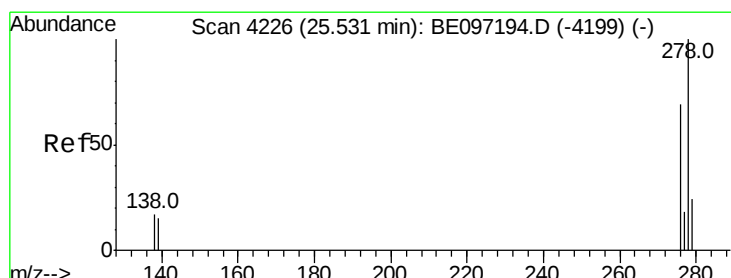
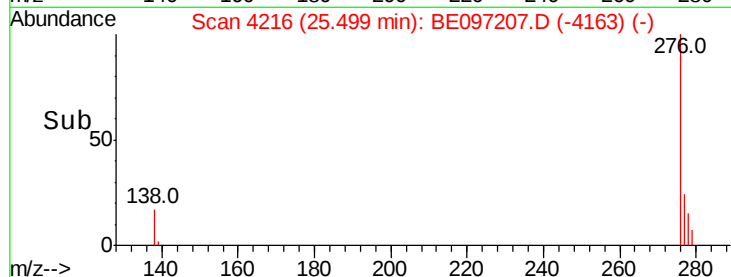
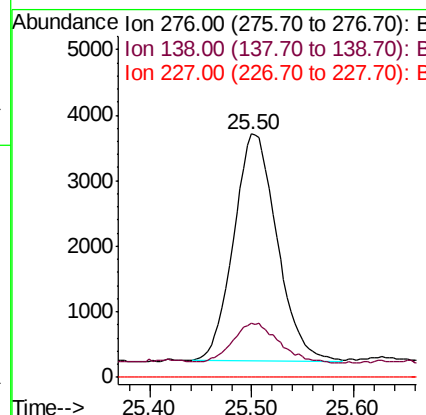
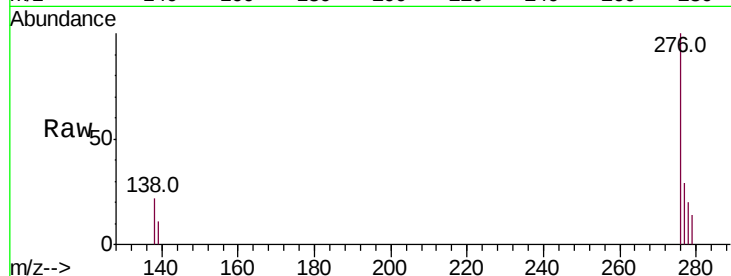
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.284 ng/ul m
 RT: 25.50 min Scan# 4216
 Delta R.T. -0.01 min
 Lab File: BE097207.D
 Acq: 4 Aug 2018 18:37

Instrument :
 BNA_E
 ClientSampled :
 JJ1J6

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	2.4	28.0	42.0#	
227	0.0	8.0	12.0#	

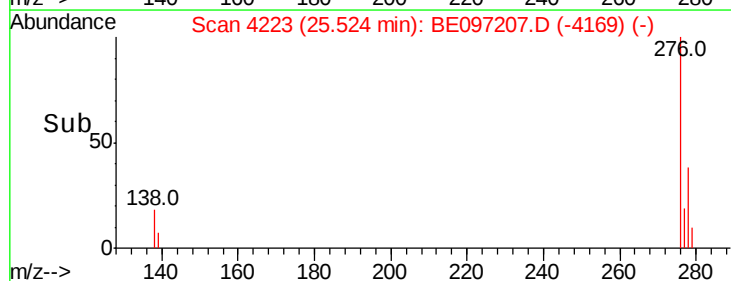
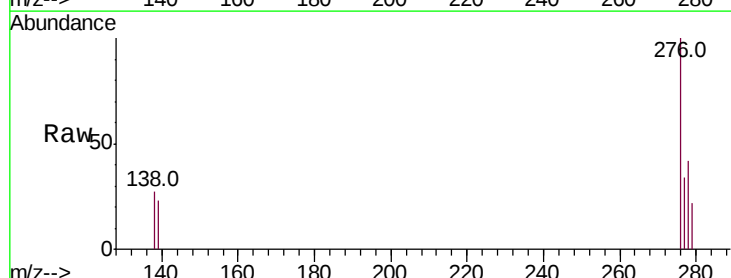
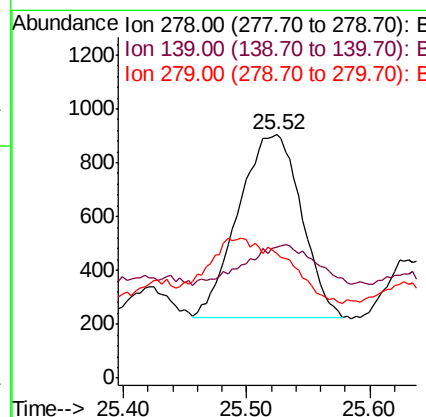
Manual Integrations
 APPROVED

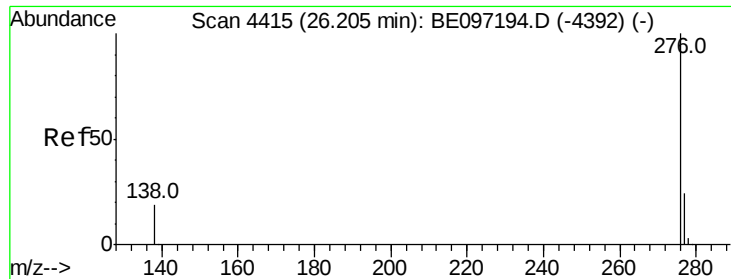
Sohil
 8/6/2018 12:50:55 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.081 ng/ul m
 RT: 25.52 min Scan# 4223
 Delta R.T. -0.01 min
 Lab File: BE097207.D
 Acq: 4 Aug 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	54.0	17.4	26.0#	
279	51.4	25.9	38.9#	





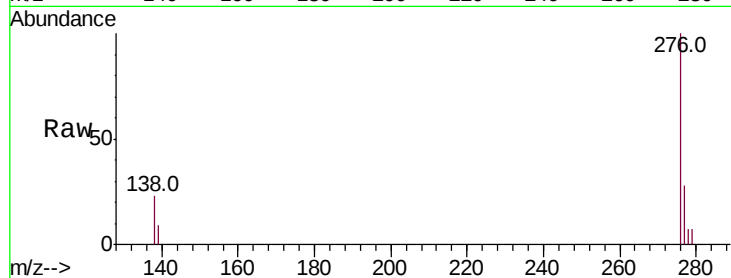
#26
 Benzo(a,h,i)perylene
 Concen: 0.351 ng/ul m
 RT: 26.21 min Scan# 4414
 Delta R.T. 0.00 min
 Lab File: BE097207.D
 Acq: 4 Aug 2018 18:37

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J6

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	21.8	32.8
277	28.4	20.5	30.7

Manual Integrations
 APPROVED

Sohil
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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

