

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097210.D
 Acq On : 4 Aug 2018 21:06
 Operator : SJ/JU
 Sample : J4206-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L0

Manual Integrations
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Sohil
 8/6/2018 12:50:57 PM

Quant Time: Aug 06 03:59:14 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 03:46:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1261	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6839	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4203	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9861m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10060m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	9703m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	2382	0.22	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	6885m	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	1069	0.065	ng/ul#	87
7) Acenaphthylene	13.74	152	542	0.030	ng/ul#	73
9) Fluorene	15.08	166	446	0.030	ng/ul#	92
12) Phenanthrene	16.81	178	12416m	0.494	ng/ul	
13) Anthracene	16.90	178	1266m	0.054	ng/ul	
15) Fluoranthene	18.84	202	20114m	0.605	ng/ul	
17) Pyrene	19.21	202	22227	0.825	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	6806	0.237	ng/ul#	85
19) Chrysene	21.01	228	10146	0.343	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	11609m	0.439	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	3397m	0.119	ng/ul	
23) Benzo(a)pyrene	23.11	252	8769	0.331	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.50	276	6462	0.195	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.52	278	1311	0.048	ng/ul#	77
26) Benzo(g,h,i)perylene	26.21	276	6402	0.224	ng/ul	95

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

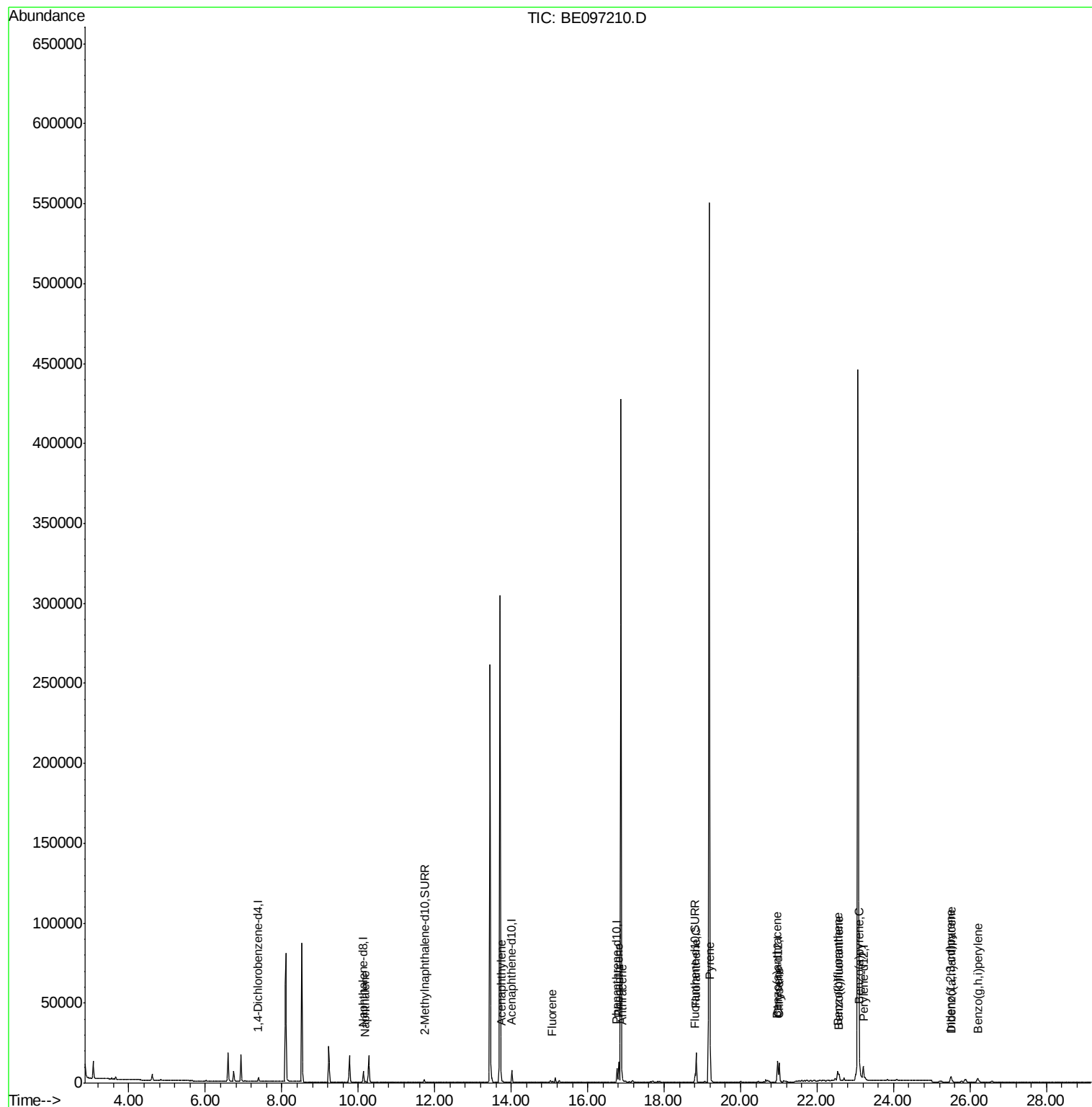
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097210.D
Acq On : 4 Aug 2018 21:06
Operator : SJ/JU
Sample : J4206-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

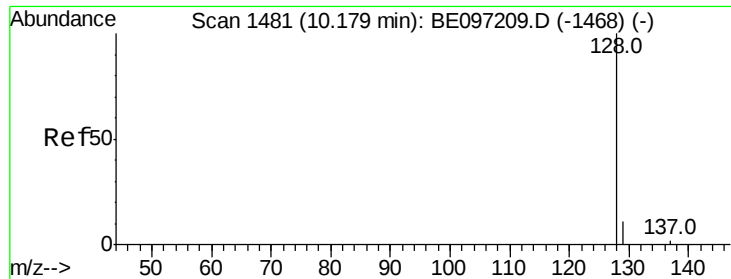
Instrument :
BNA_E
ClientSampleId :
JJ1L0

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Quant Time: Aug 06 03:59:14 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 03:46:27 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.065 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097210.D

Acq: 4 Aug 2018 21:06

Instrument :

BNA_E

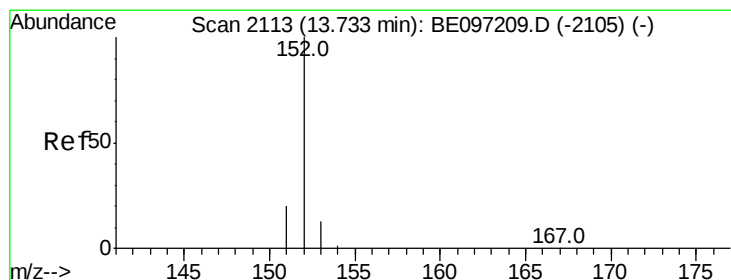
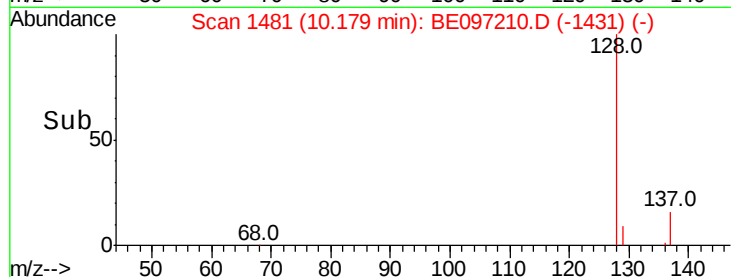
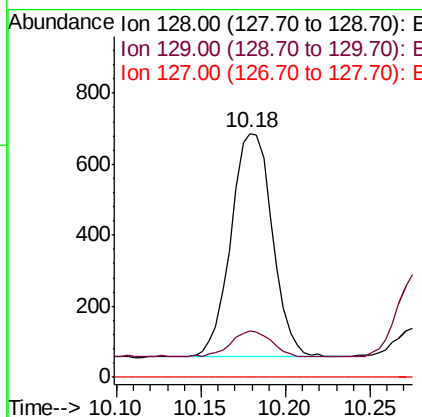
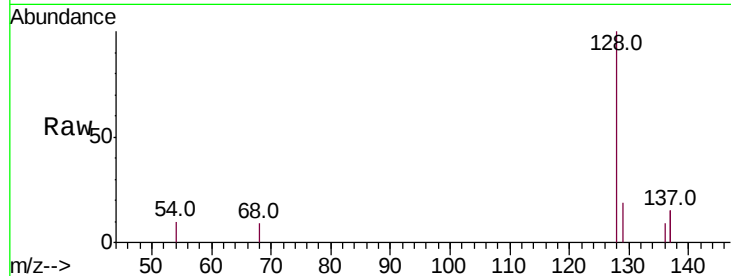
ClientSampled :

JJ1L0

Tot Ion:	128	Resp:	1069
Ion Ratio	Lower	Upper	
128	100		
129	19.1	11.3	16.9#
127	0.0	4.0	6.0#

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#7

Acenaphthylene

Concen: 0.030 ng/ul

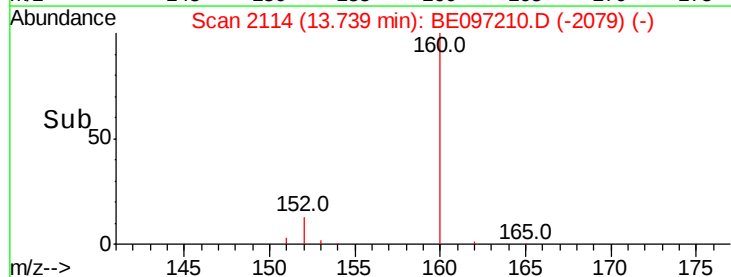
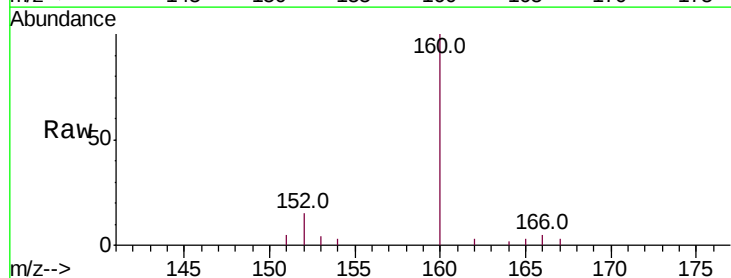
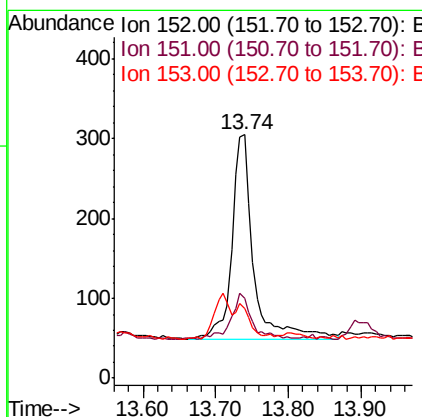
RT: 13.74 min Scan# 2114

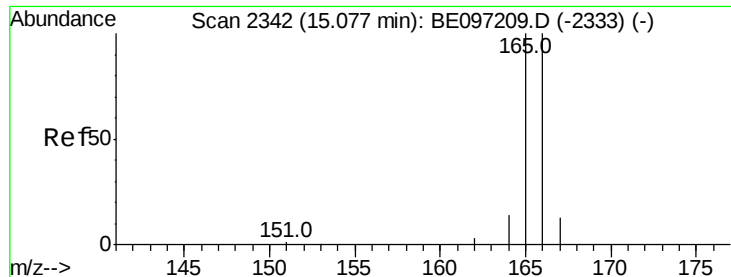
Delta R.T. 0.01 min

Lab File: BE097210.D

Acq: 4 Aug 2018 21:06

Tgt Ion:	152	Resp:	542
Ion Ratio	Lower	Upper	
152	100		
151	32.8	17.1	25.7#
153	28.9	12.8	19.2#





#9

Fluorene

Concen: 0.030 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BE097210.D

Acq: 4 Aug 2018 21:06

Instrument :

BNA_E

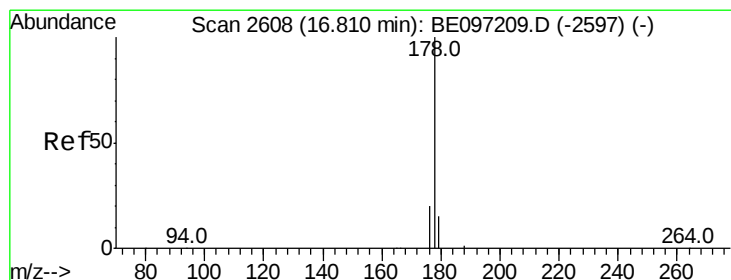
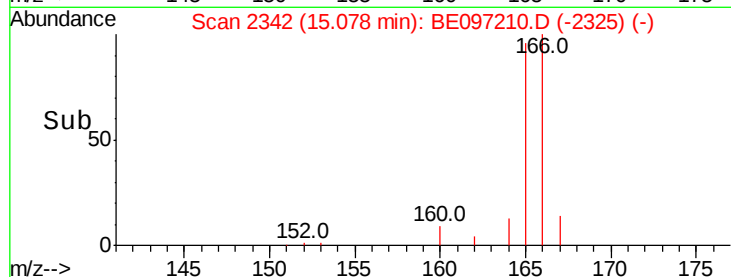
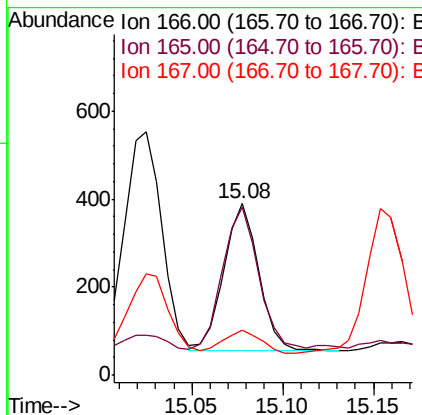
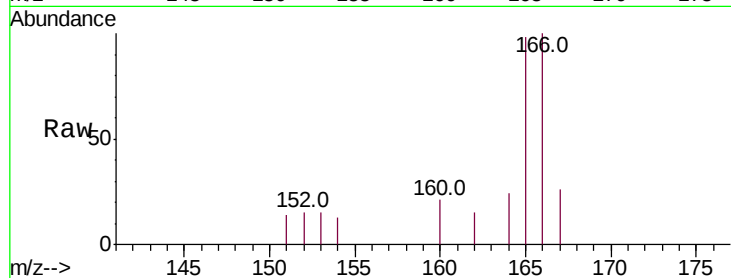
ClientSampled :

JJ1L0

Tot Ion:	166	Resp:	446
Ion Ratio	Lower	Upper	
166	100		
165	97.7	73.4	110.2
167	26.4	14.6	22.0#

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#12

Phenanthrene

Concen: 0.494 ng/ul m

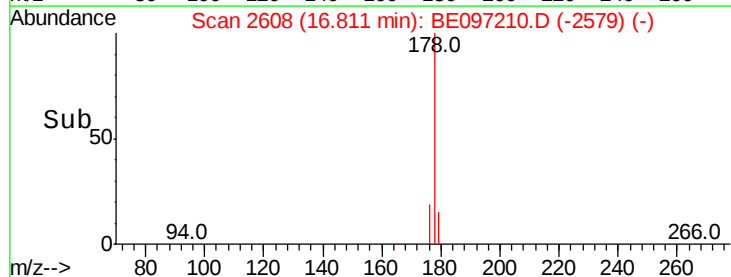
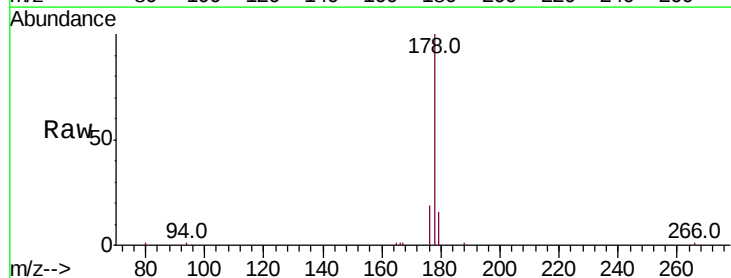
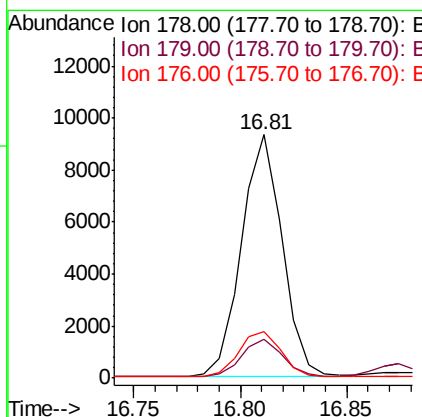
RT: 16.81 min Scan# 2608

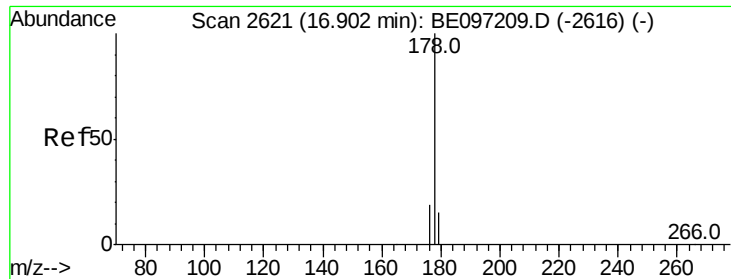
Delta R.T. 0.00 min

Lab File: BE097210.D

Acq: 4 Aug 2018 21:06

Tgt Ion:	178	Resp:	12416
Ion Ratio	Lower	Upper	
178	100		
179	15.7	18.4	27.6#
176	19.2	13.6	20.4





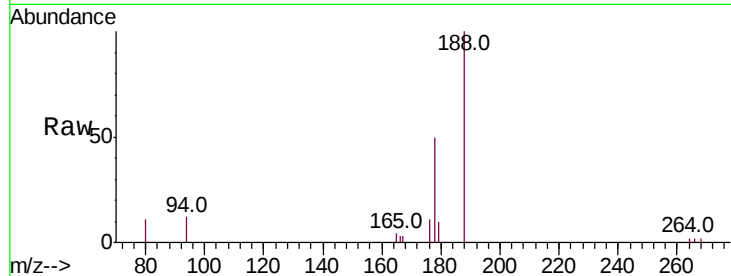
#13
 Anthracene
 Concen: 0.054 ng/ul m
 RT: 16.90 min Scan# 2621
 Delta R.T. 0.00 min
 Lab File: BE097210.D
 Acq: 4 Aug 2018 21:06

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L0

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.7	18.1	27.1
176	21.4	14.7	22.1

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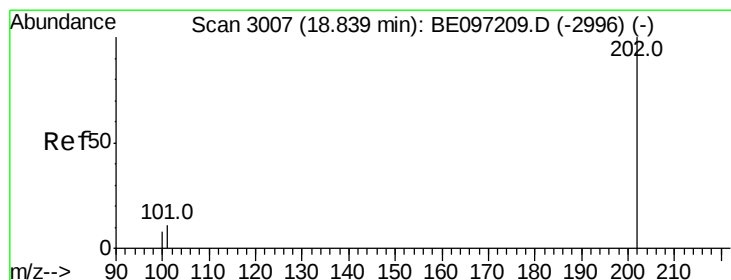
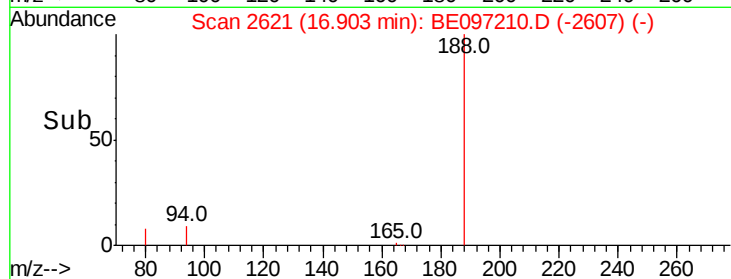
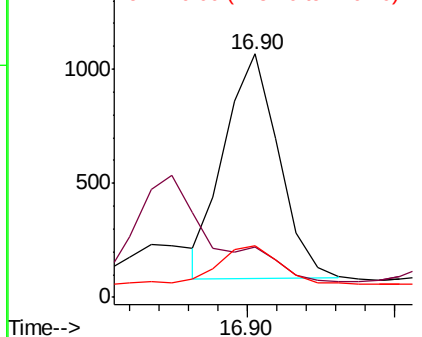


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15
 Fluoranthene
 Concen: 0.605 ng/ul m
 RT: 18.84 min Scan# 3007
 Delta R.T. -0.00 min
 Lab File: BE097210.D
 Acq: 4 Aug 2018 21:06

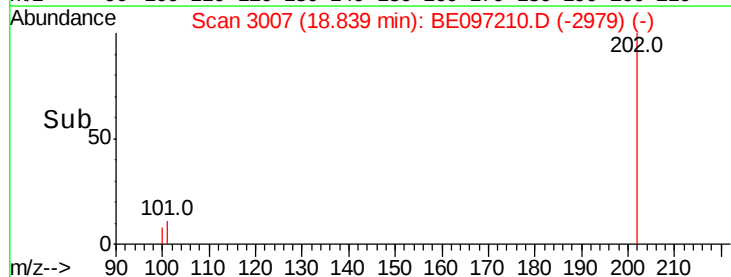
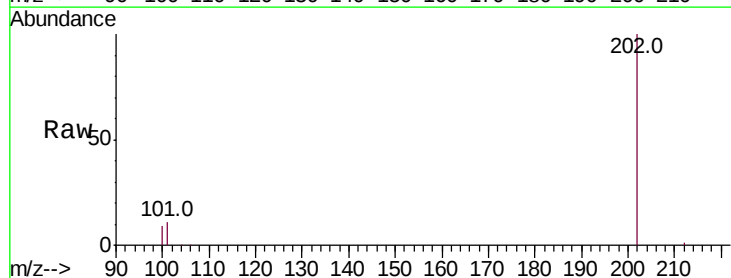
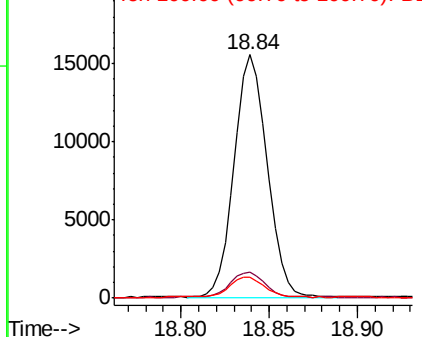
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.6	0.0	39.5

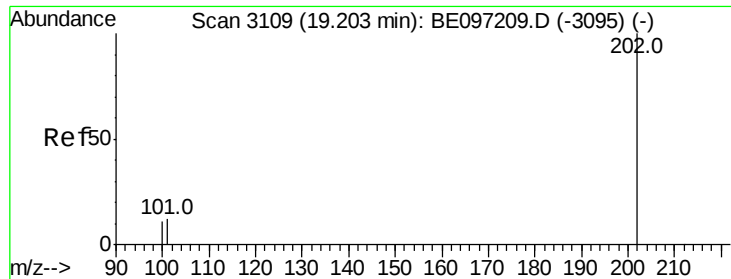
Abundance

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): BE





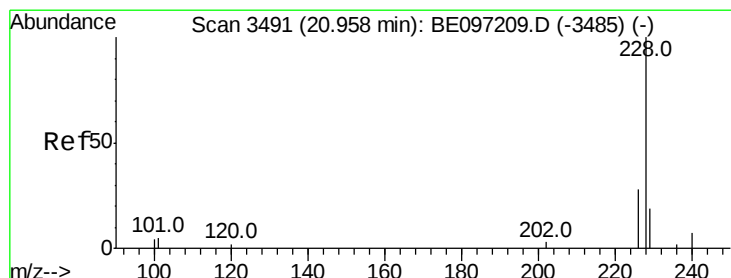
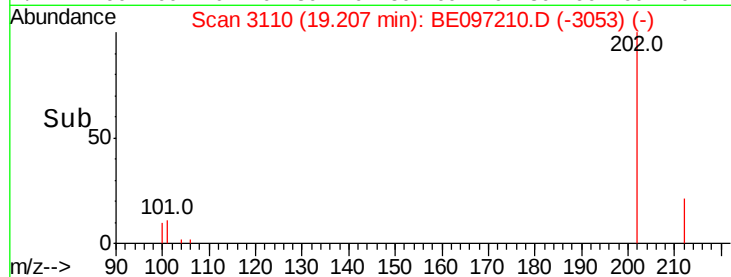
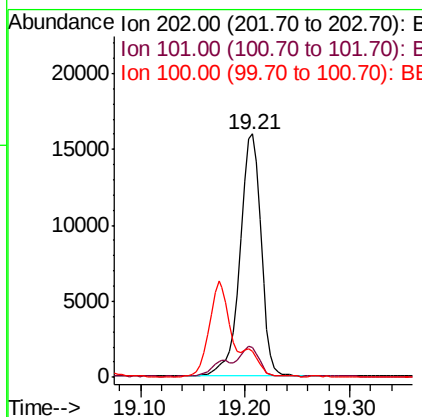
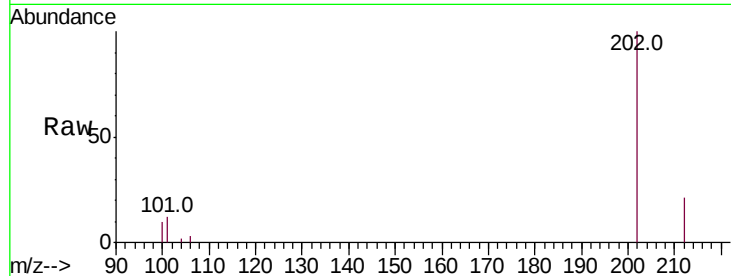
#17
Pvrene
Concen: 0.825 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE097210.D
Acq: 4 Aug 2018 21:06

Instrument :
BNA_E
ClientSampleId :
JJ1L0

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	10.4	15.6	23.4#

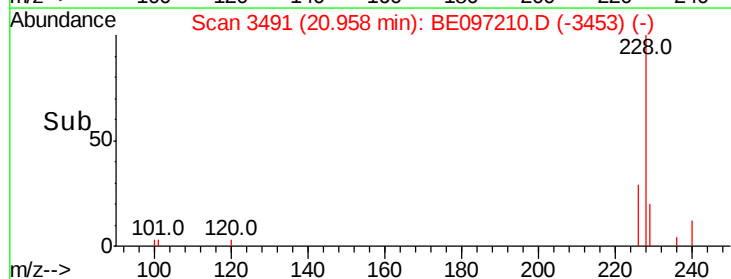
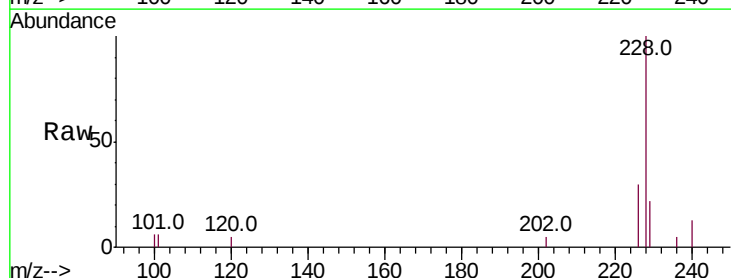
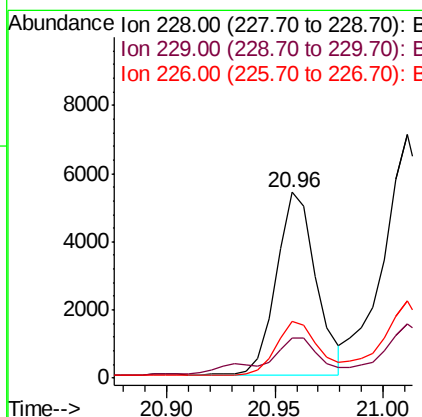
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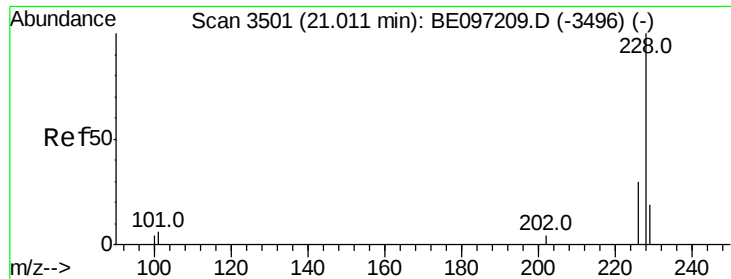
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#18
Benzo(a)anthracene
Concen: 0.237 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE097210.D
Acq: 4 Aug 2018 21:06

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	22.8	34.2#
226	30.3	17.0	25.6#





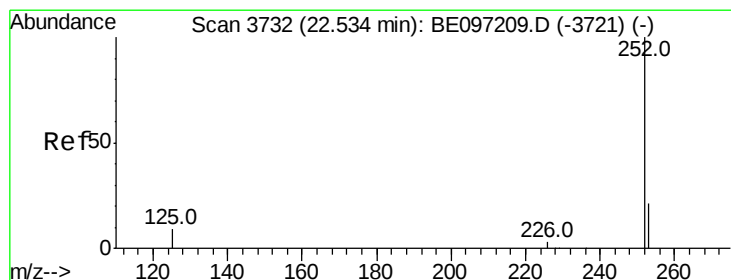
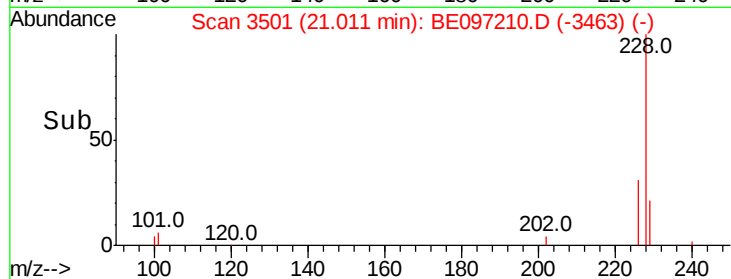
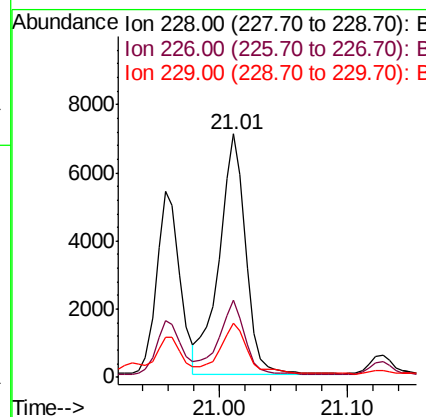
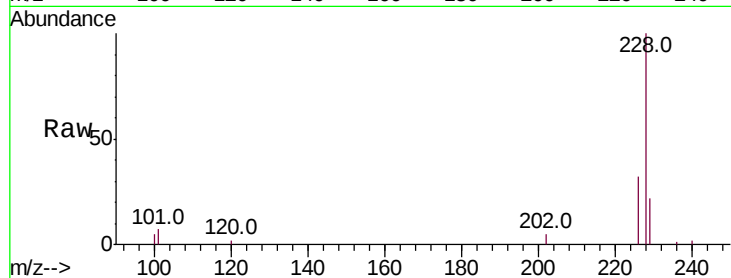
#19
Chrysene
Concen: 0.343 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097210.D
Acq: 4 Aug 2018 21:06

Instrument :
BNA_E
ClientSampleId :
JJ1L0

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.0
229	22.2	17.7	26.5

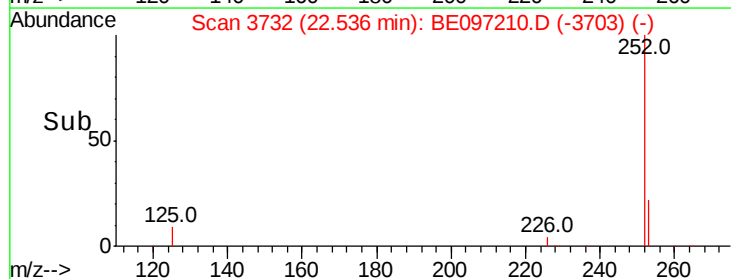
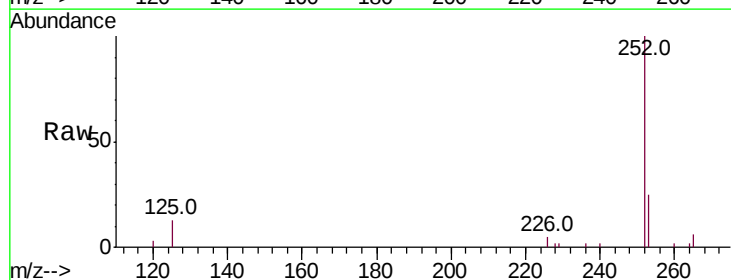
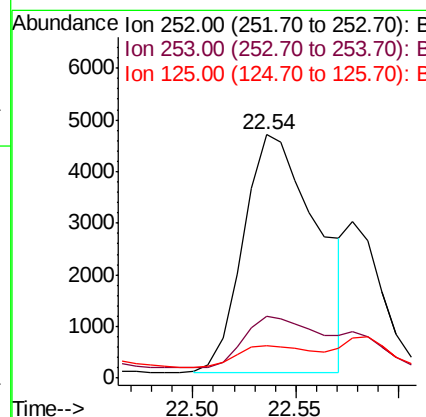
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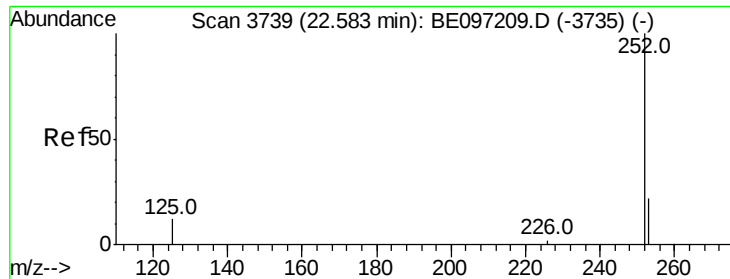
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#21
Benzo(b)fluoranthene
Concen: 0.439 ng/ul m
RT: 22.54 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BE097210.D
Acq: 4 Aug 2018 21:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	64.2
125	13.3	0.0	35.0





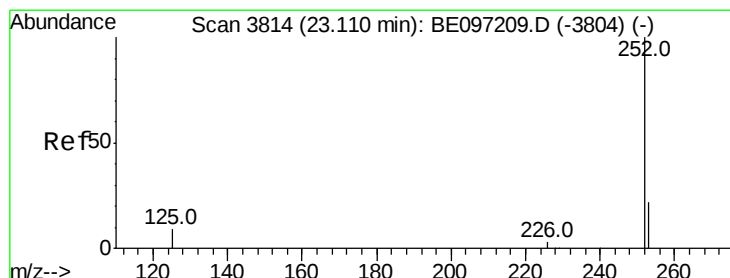
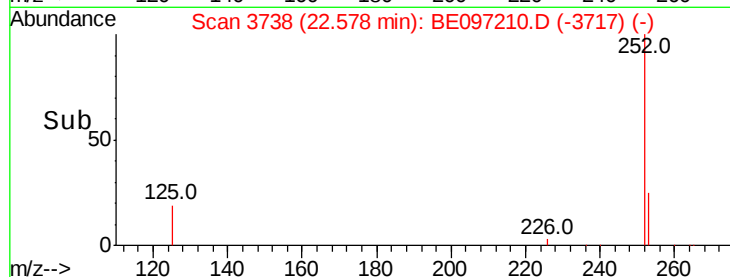
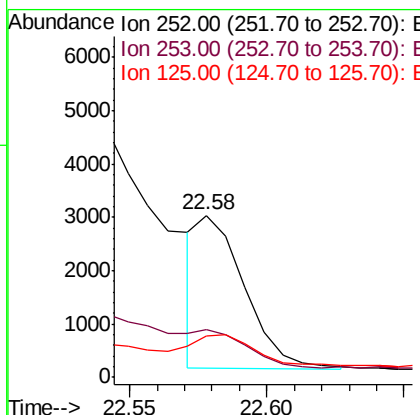
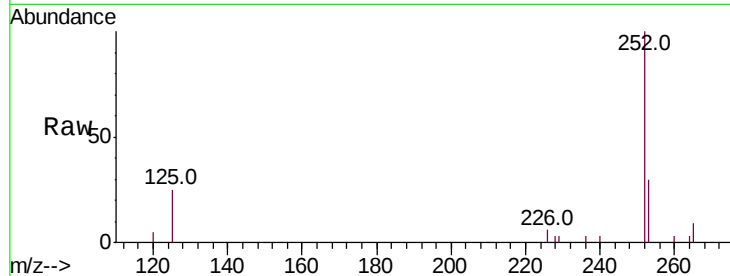
#22
Benzo(k)fluoranthene
Concen: 0.119 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. -0.01 min
Lab File: BE097210.D
Acq: 4 Aug 2018 21:06

Instrument :
BNA_E
ClientSampleId :
JJ1L0

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.8	24.5	36.7
125	25.5	13.7	20.5

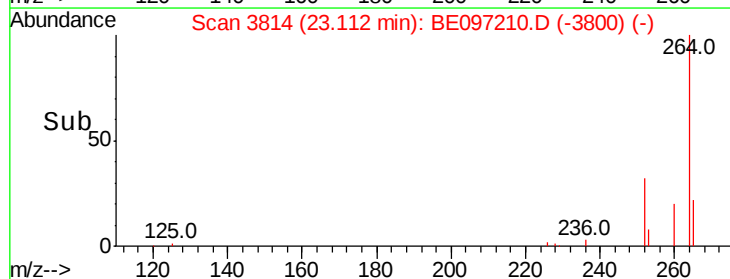
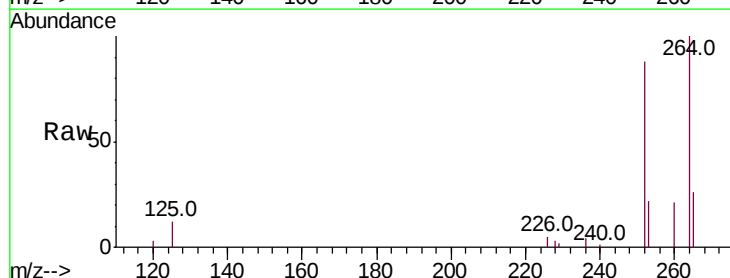
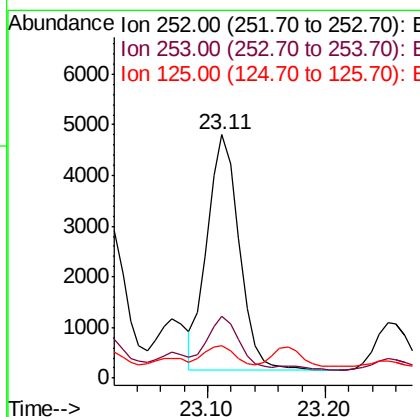
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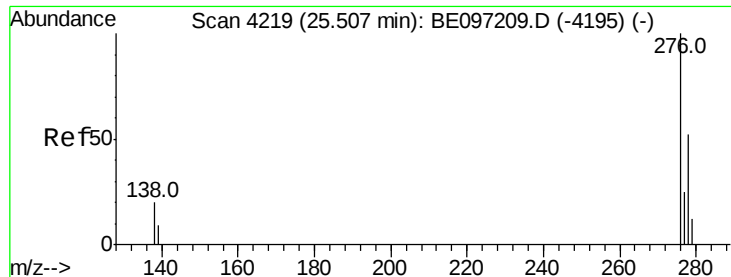
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#23
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BE097210.D
Acq: 4 Aug 2018 21:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	28.5	42.7
125	13.3	18.1	27.1





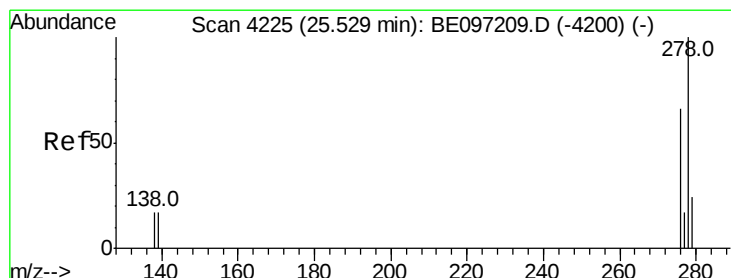
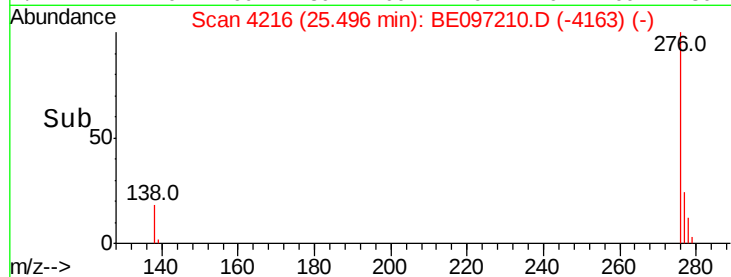
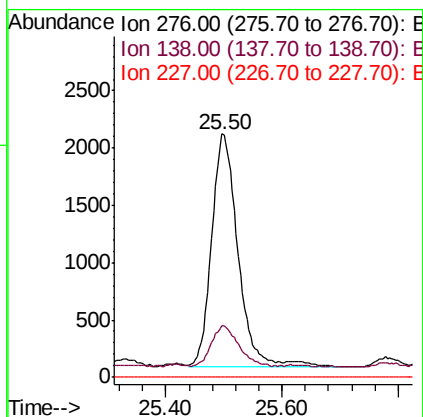
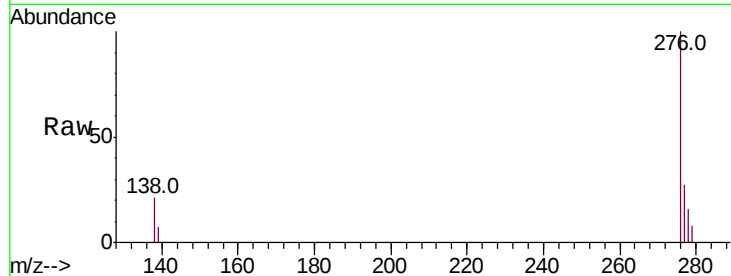
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.195 ng/uL
 RT: 25.50 min Scan# 4216
 Delta R.T. -0.01 min
 Lab File: BE097210.D
 Acq: 4 Aug 2018 21:06

Instrument :
 BNA_E
 ClientSampled :
 JJ1L0

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	28.0	42.0#
227	0.0	8.0	12.0#

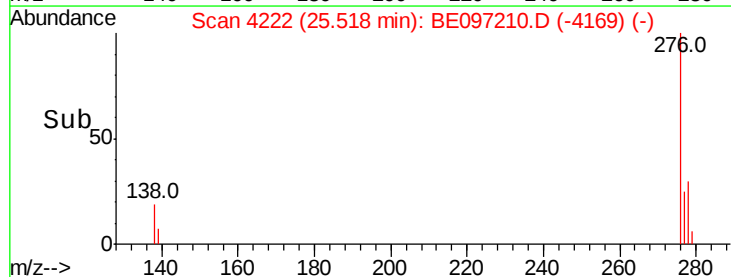
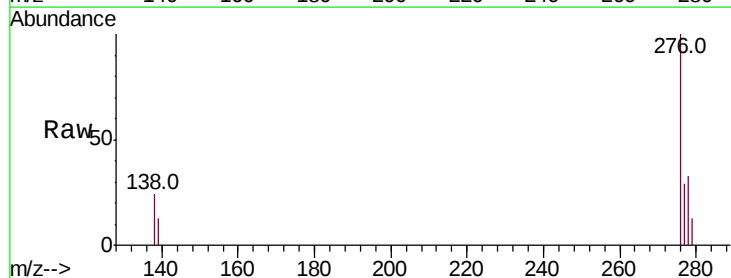
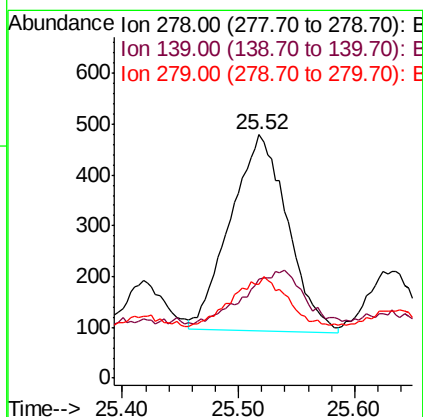
Manual Integrations
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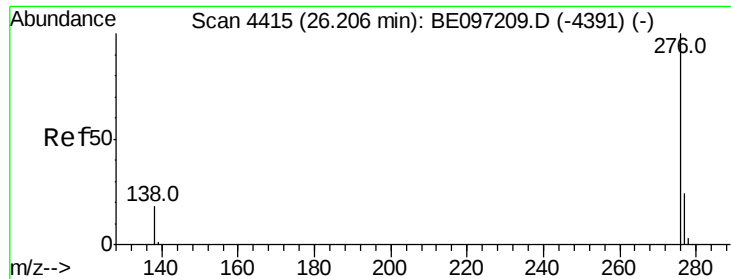
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.048 ng/uL
 RT: 25.52 min Scan# 4222
 Delta R.T. -0.01 min
 Lab File: BE097210.D
 Acq: 4 Aug 2018 21:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.5	17.4	26.0#
279	38.6	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 0.224 ng/ul
 RT: 26.21 min Scan# 4415
 Delta R.T. -0.00 min
 Lab File: BE097210.D
 Acq: 4 Aug 2018 21:06

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L0

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.8	32.8
277	26.6	20.5	30.7

Manual Integrations
 APPROVED

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