

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097208.D
 Acq On : 4 Aug 2018 19:13
 Operator : SJ/JU
 Sample : J4206-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K0

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:56 PM

Quant Time: Aug 06 03:28:00 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	1344	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7141	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4597	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10582m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10865m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10296m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	4056	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	11823m	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	722	0.042	ng/ul#	82
5) 2-Methylnaphthalene	11.80	142	242	0.021	ng/ul	99
7) Acenaphthylene	13.73	152	514	0.026	ng/ul#	73
9) Fluorene	15.08	166	340	0.021	ng/ul#	85
12) Phenanthrene	16.81	178	7209m	0.267	ng/ul	
13) Anthracene	16.90	178	985m	0.039	ng/ul	
15) Fluoranthene	18.84	202	10385m	0.291	ng/ul	
17) Pyrene	19.21	202	13112	0.450	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	4851m	0.156	ng/ul	
19) Chrysene	21.01	228	6394	0.200	ng/ul	93
21) Benzo(b)fluoranthene	22.54	252	6379m	0.227	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	2767m	0.091	ng/ul	
23) Benzo(a)pyrene	23.11	252	5805	0.207	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.50	276	4480	0.127	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.52	278	955	0.033	ng/ul#	35
26) Benzo(a,h,i)perylene	26.20	276	5451	0.179	ng/ul	93

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

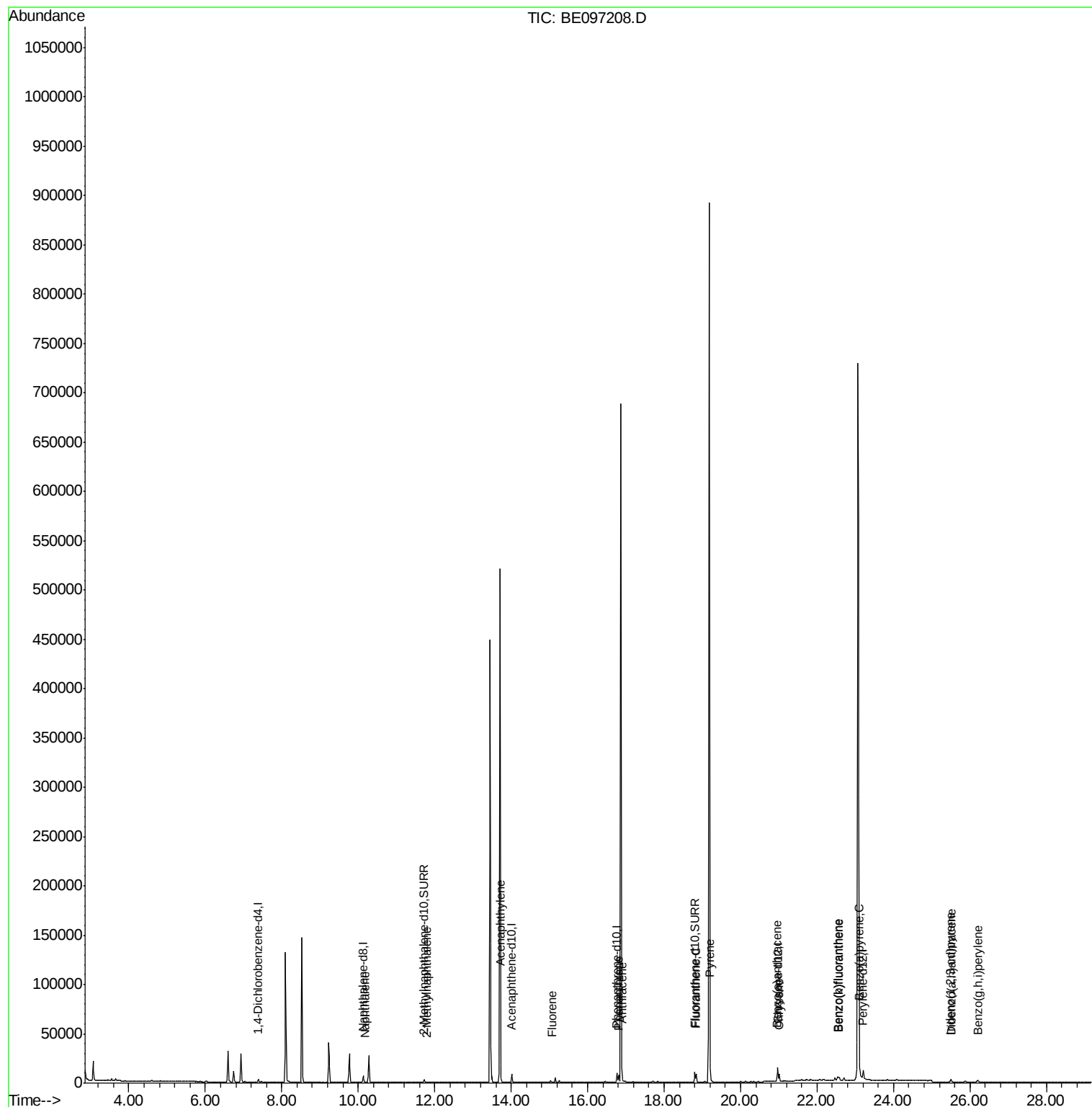
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097208.D
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Operator : SJ/JU
Sample : J4206-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

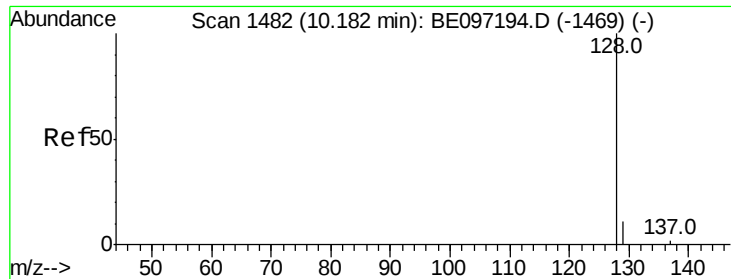
Instrument :
BNA_E
ClientSampleId :
JJ1K0

Manual Integrations
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Quant Time: Aug 06 03:28:00 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: 0.042 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097208.D

Acq: 4 Aug 2018 19:13

Instrument :

BNA_E

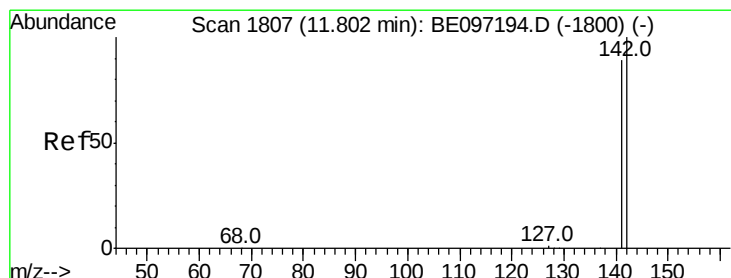
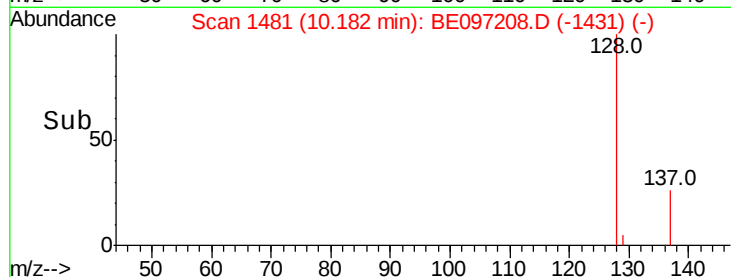
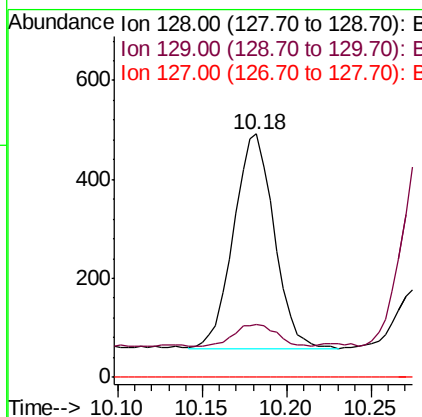
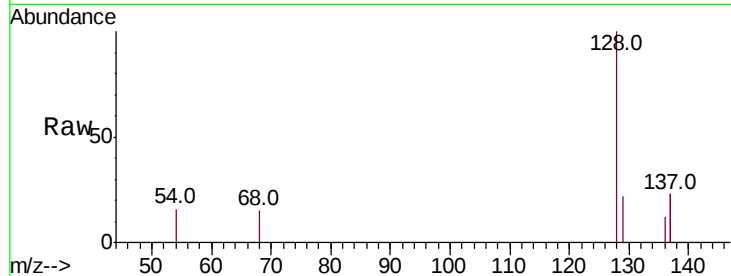
ClientSampled :

JJ1K0

Tot Ion:	128	Resp:	722
Ion Ratio	Lower	Upper	
128	100		
129	22.0	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

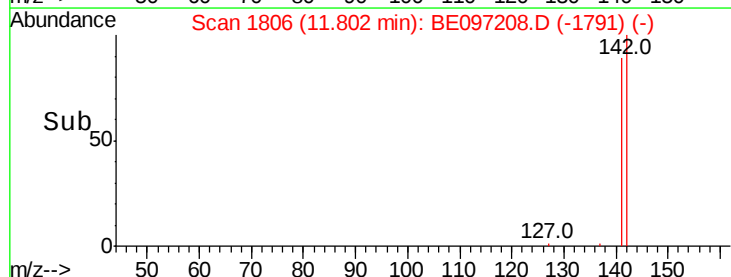
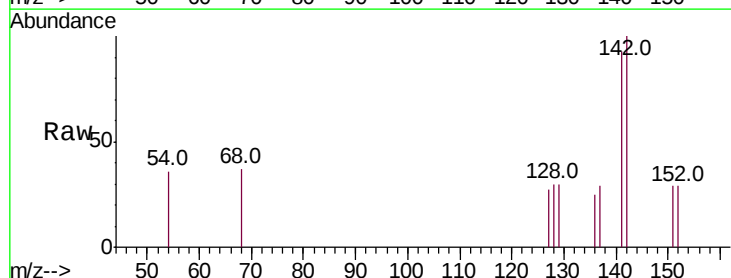
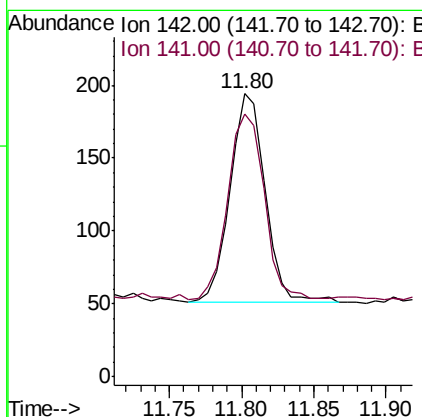
RT: 11.80 min Scan# 1806

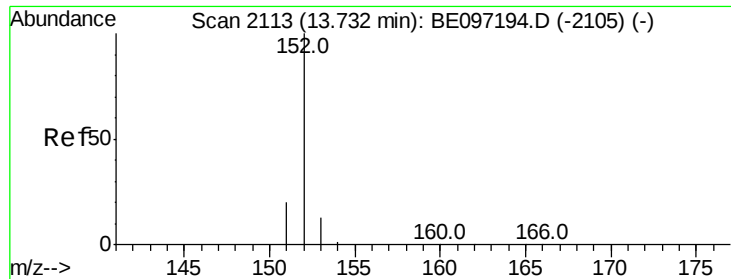
Delta R.T. -0.00 min

Lab File: BE097208.D

Acq: 4 Aug 2018 19:13

Tgt Ion:	142	Resp:	242
Ion Ratio	Lower	Upper	
142	100		
141	91.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE097208.D

Acq: 4 Aug 2018 19:13

Instrument :

BNA_E

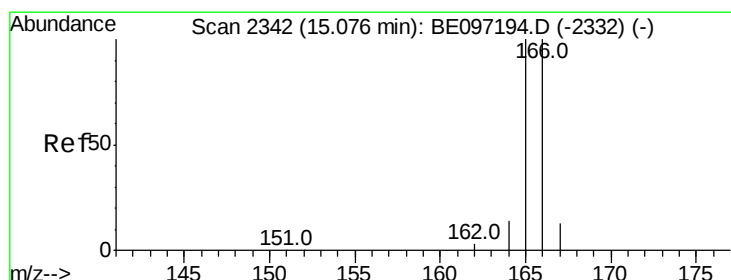
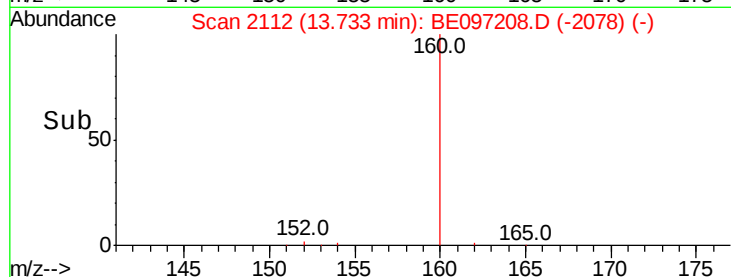
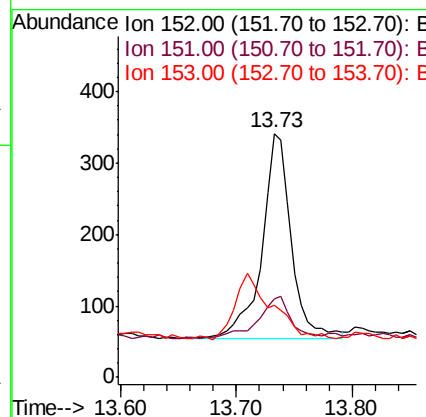
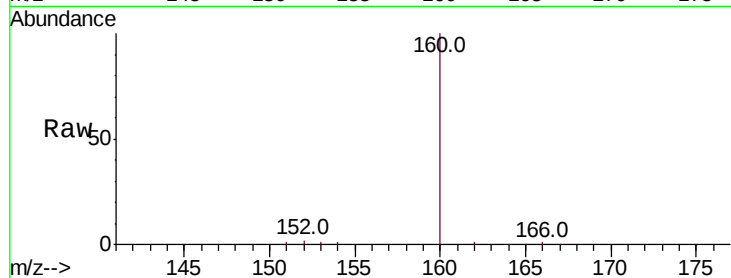
ClientSampleId :

JJ1K0

Tot Ion:	152	Resp:	514
Ion Ratio	Lower	Upper	
152	100		
151	32.3	17.1	25.7#
153	29.6	12.8	19.2#

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#9

Fluorene

Concen: 0.021 ng/ul

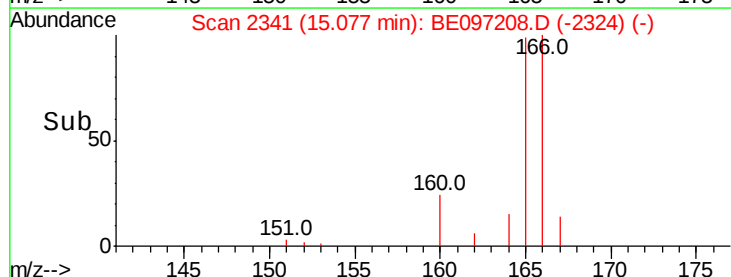
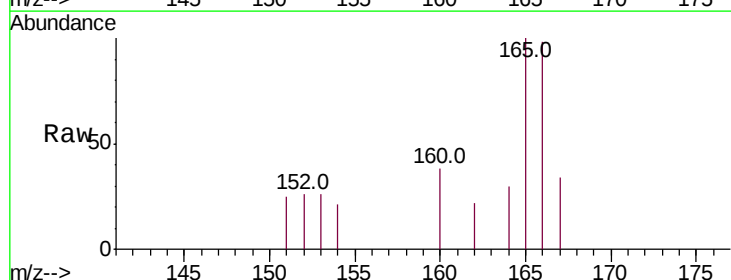
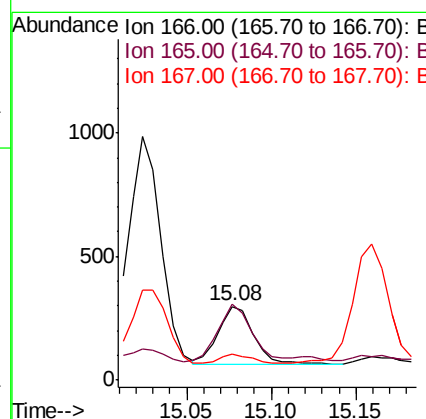
RT: 15.08 min Scan# 2341

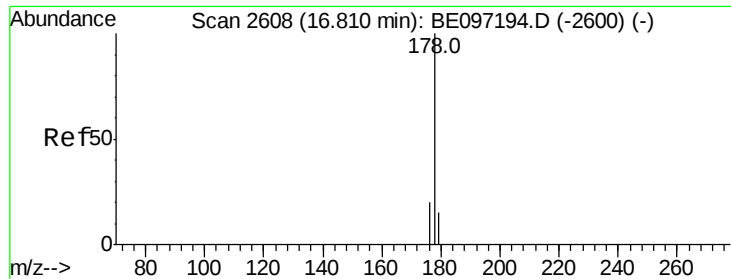
Delta R.T. 0.00 min

Lab File: BE097208.D

Acq: 4 Aug 2018 19:13

Tgt Ion:	166	Resp:	340
Ion Ratio	Lower	Upper	
166	100		
165	102.0	73.4	110.2
167	34.4	14.6	22.0#





#12

Phenanthrene

Concen: 0.267 ng/ul m

RT: 16.81 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BE097208.D

Acq: 4 Aug 2018 19:13

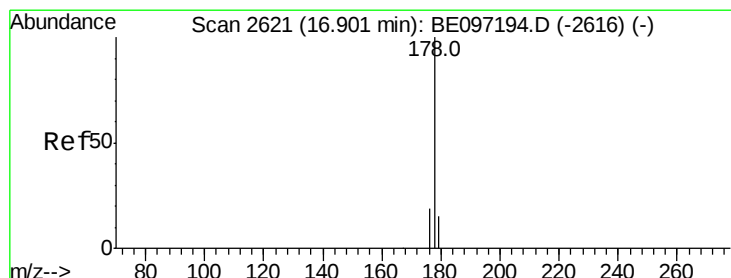
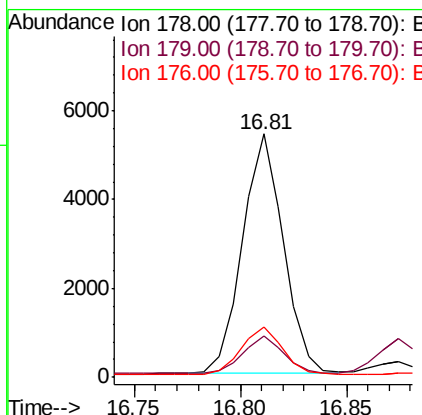
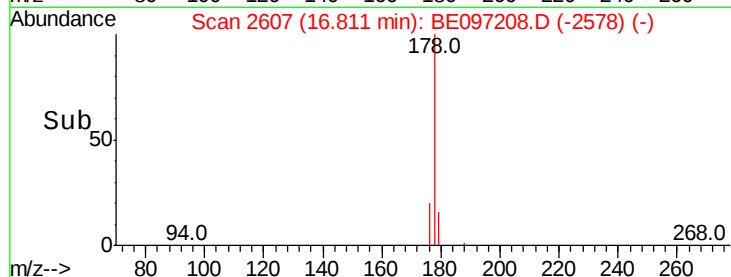
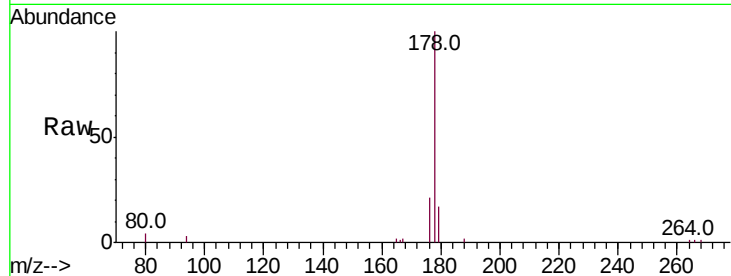
Instrument :
BNA_E
ClientSampleId :
JJ1K0

Tot Ion:178 Resp: 7209

Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.4	27.6#
176	20.9	13.6	20.4#

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#13

Anthracene

Concen: 0.039 ng/ul m

RT: 16.90 min Scan# 2620

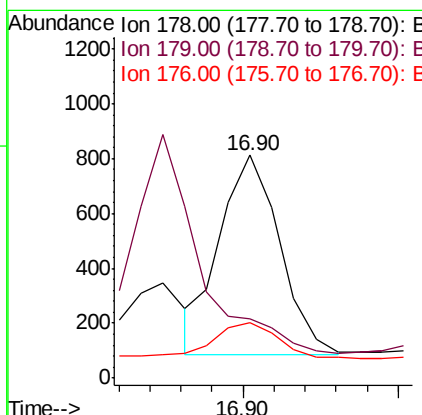
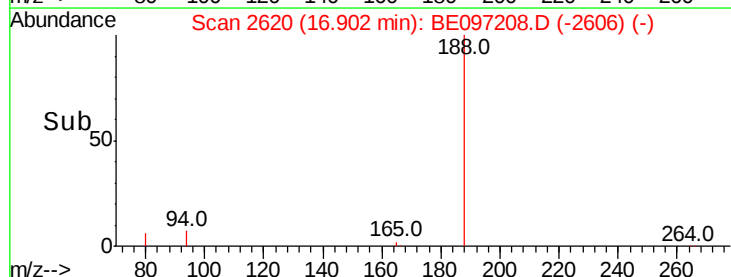
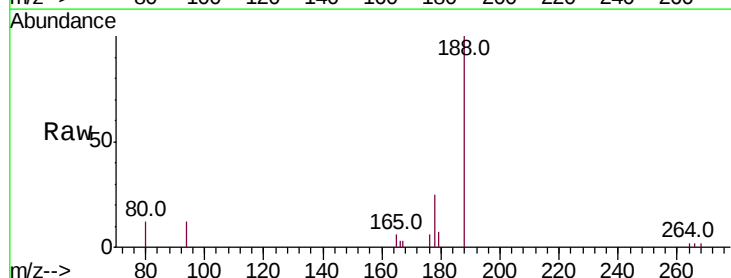
Delta R.T. 0.00 min

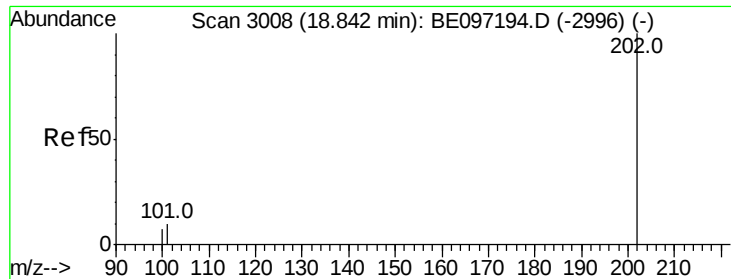
Lab File: BE097208.D

Acq: 4 Aug 2018 19:13

Tgt Ion:178 Resp: 985

Ion	Ratio	Lower	Upper
178	100		
179	26.5	18.1	27.1
176	25.1	14.7	22.1#





#15

Fluoranthene

Concen: 0.291 ng/ul m

RT: 18.84 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BE097208.D

Acq: 4 Aug 2018 19:13

Instrument :

BNA_E

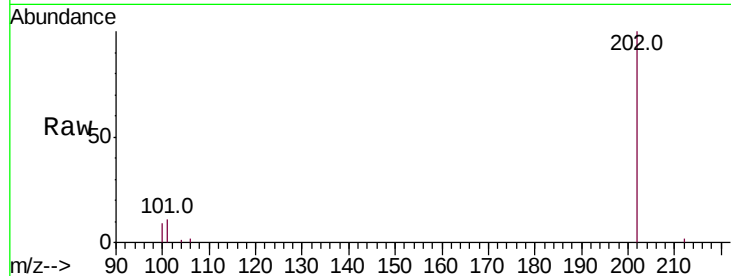
ClientSampled :

JJ1K0

Tot Ion:	202	Resp:	10385
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	30.3
100	9.2	0.0	39.5

Manual Integrations
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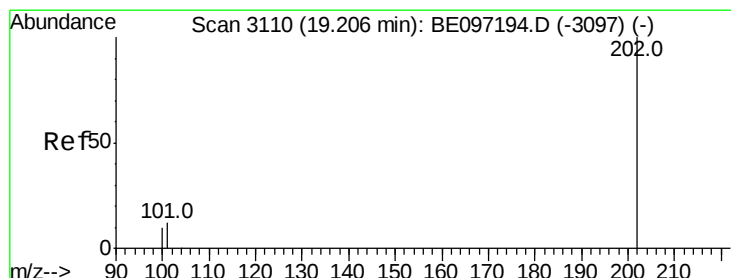
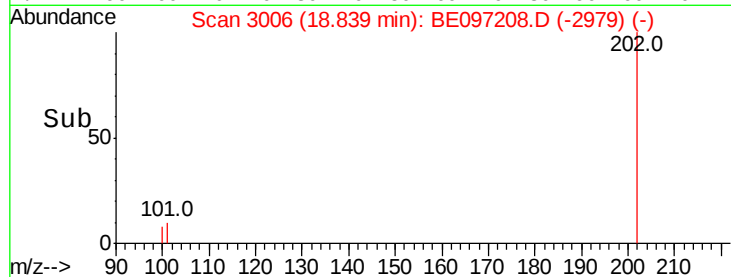
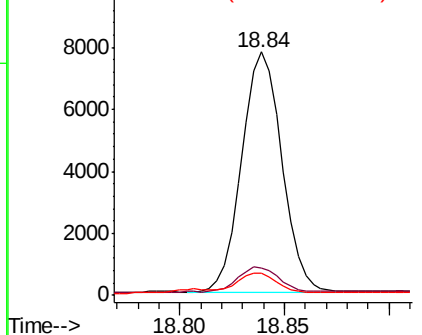
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 0.450 ng/ul

RT: 19.21 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BE097208.D

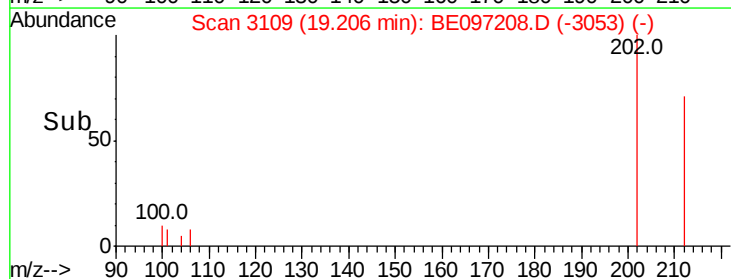
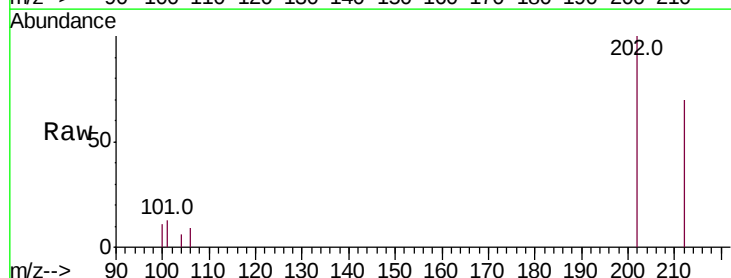
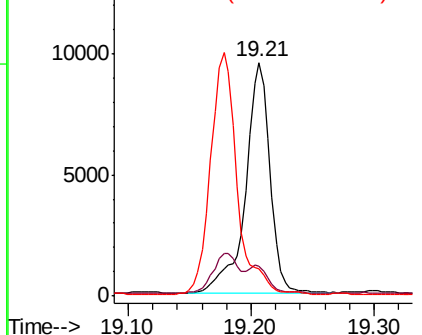
Acq: 4 Aug 2018 19:13

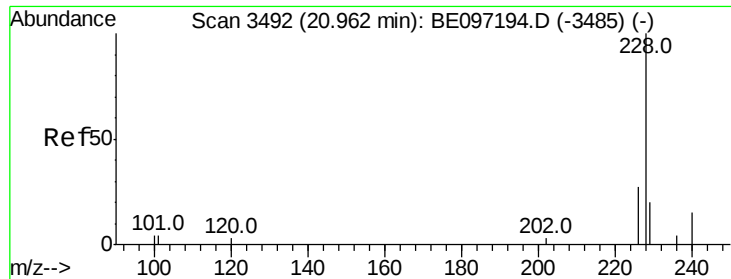
Tgt Ion:	202	Resp:	13112
Ion Ratio	Lower	Upper	
202	100		
101	12.8	18.2	27.4#
100	11.5	15.6	23.4#

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





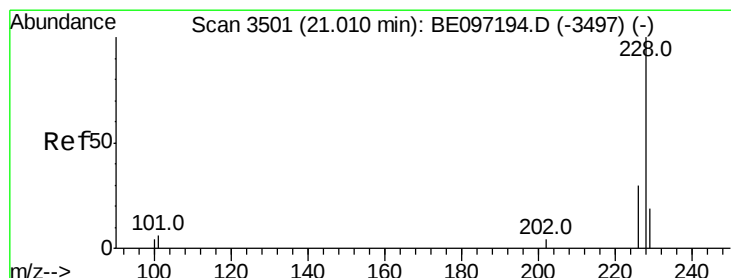
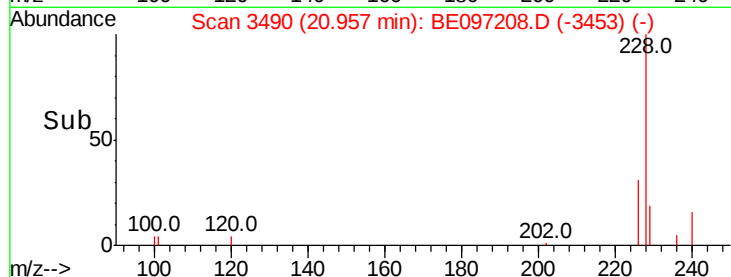
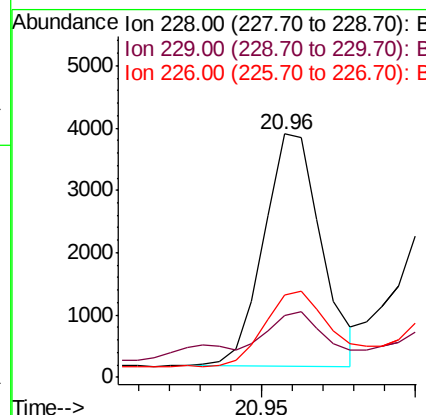
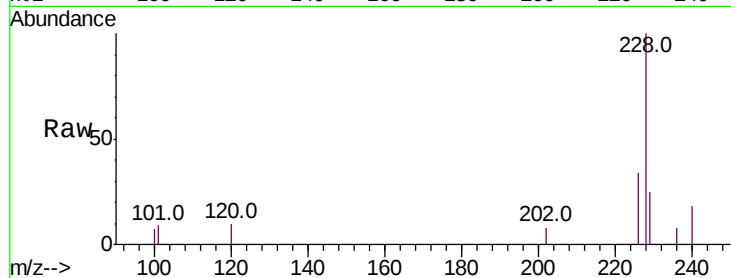
#18
Benzo(a)anthracene
Concen: 0.156 ng/ul m
RT: 20.96 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097208.D
Acq: 4 Aug 2018 19:13

Instrument :
BNA_E
ClientSampled :
JJ1K0

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.5	22.8	34.2
226	33.8	17.0	25.6

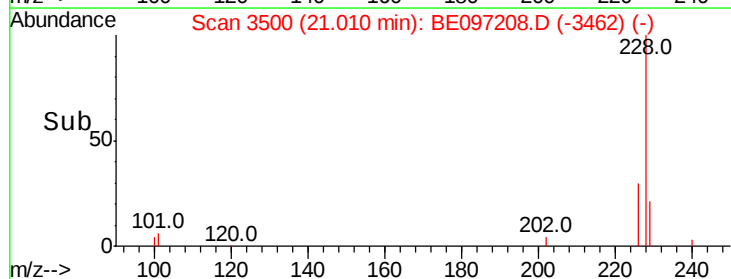
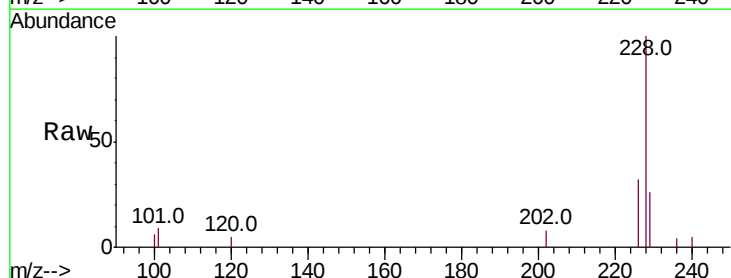
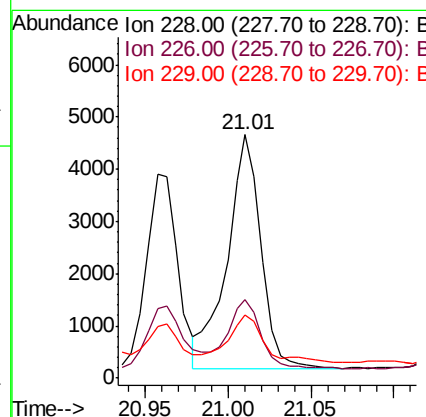
Manual Integrations
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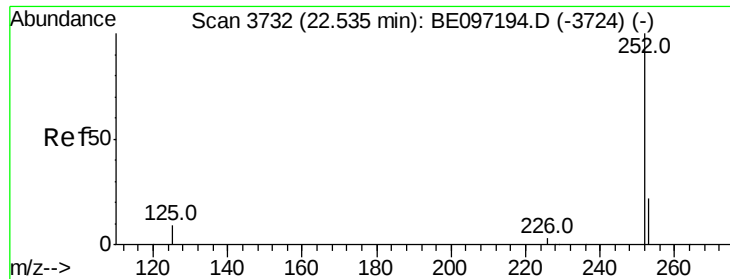
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#19
Chrysene
Concen: 0.200 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE097208.D
Acq: 4 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.4	35.0
229	26.2	17.7	26.5





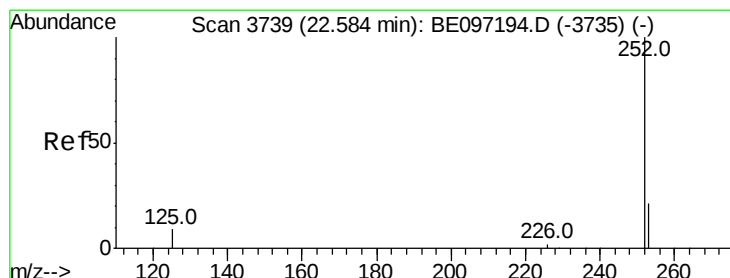
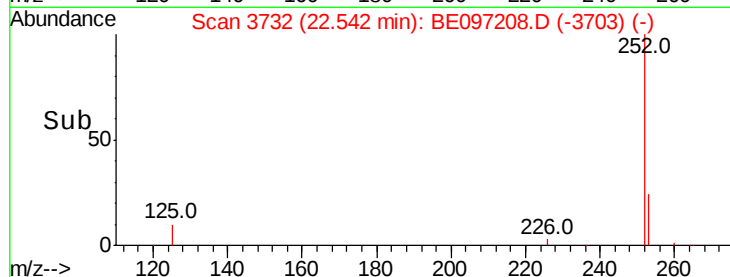
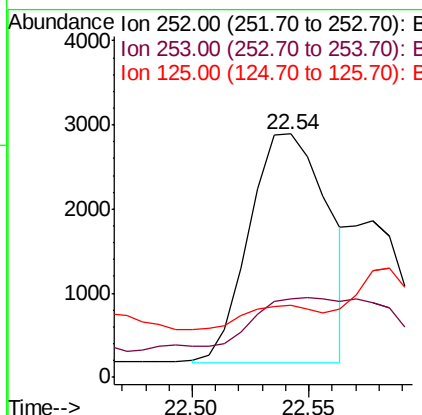
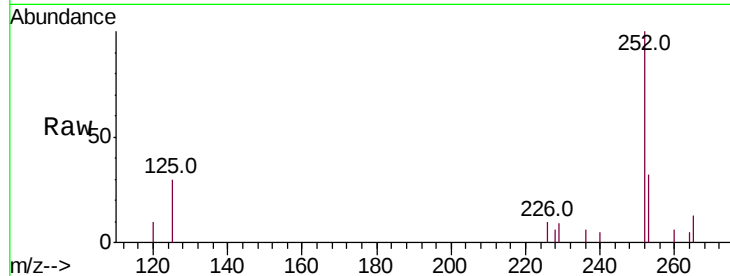
#21
Benzo(b)fluoranthene
Concen: 0.227 ng/ul m
RT: 22.54 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE097208.D
Acq: 4 Aug 2018 19:13

Instrument :
BNA_E
ClientSampleId :
JJ1K0

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.3	0.0	64.2
125	29.6	0.0	35.0

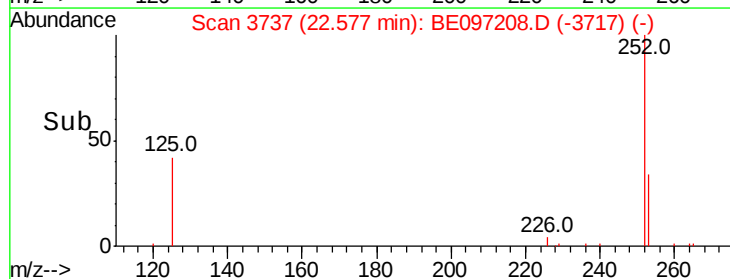
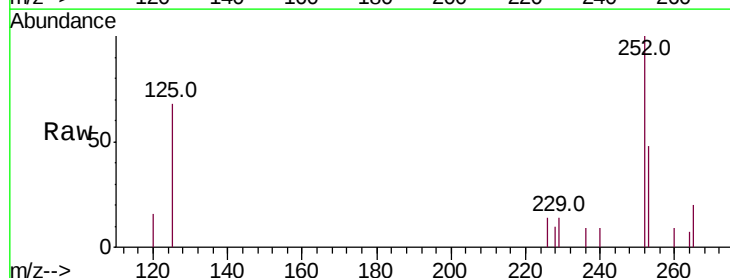
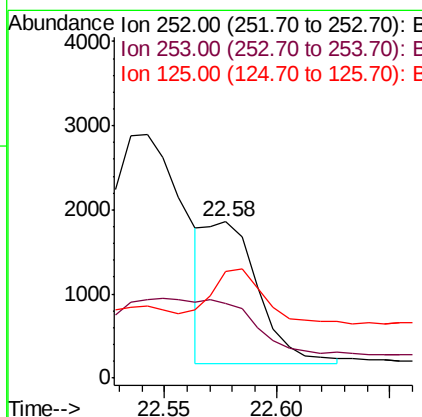
Manual Integrations
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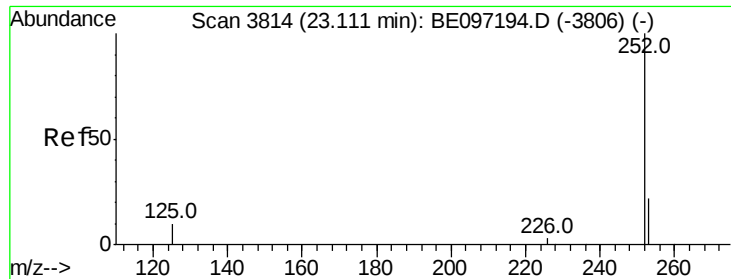
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#22
Benzo(k)fluoranthene
Concen: 0.091 ng/ul m
RT: 22.58 min Scan# 3737
Delta R.T. -0.01 min
Lab File: BE097208.D
Acq: 4 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.1	24.5	36.7#
125	68.3	13.7	20.5#





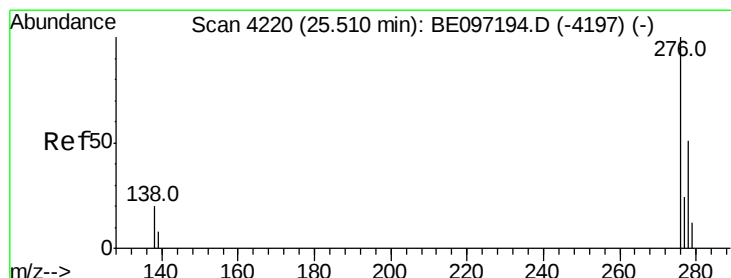
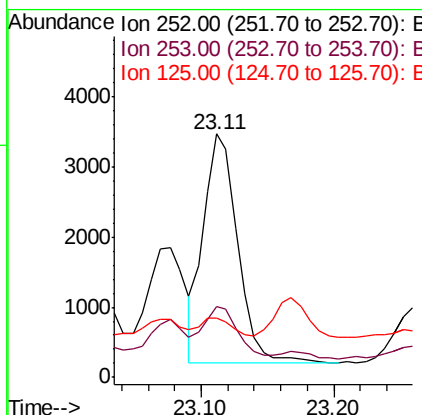
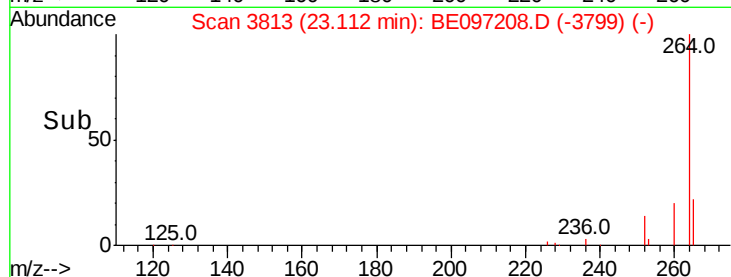
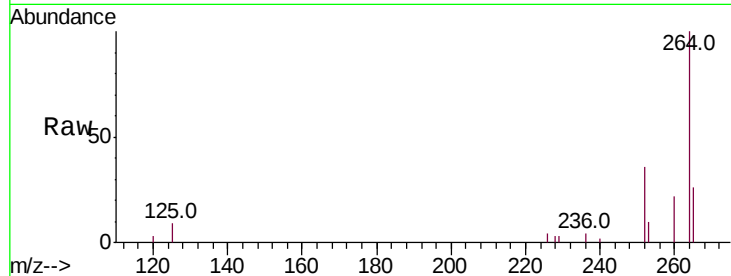
#23
Benzo(a)pyrene
Concen: 0.207 ng/ul
RT: 23.11 min Scan# 3813
Delta R.T. 0.00 min
Lab File: BE097208.D
Acq: 4 Aug 2018 19:13

Instrument :
BNA_E
ClientSampleId :
JJ1K0

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.9	28.5	42.7
125	24.4	18.1	27.1

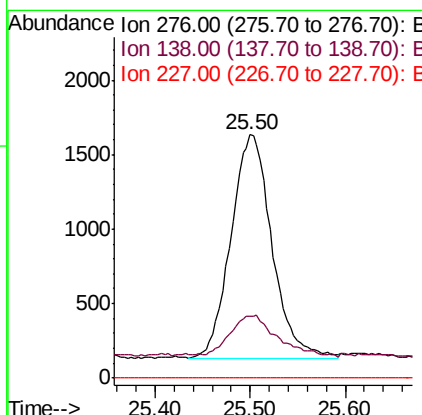
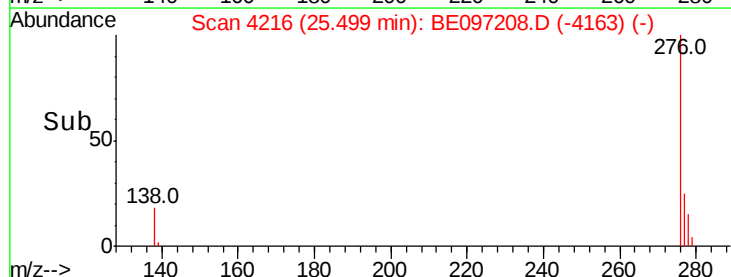
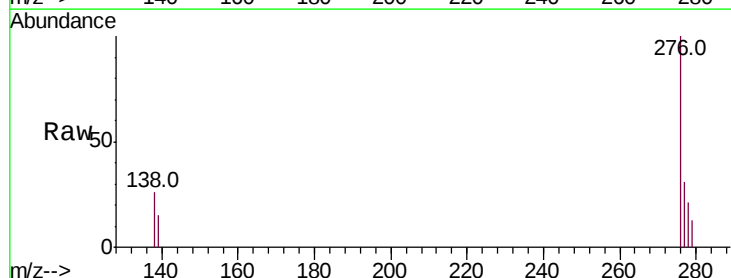
Manual Integrations
APPROVED

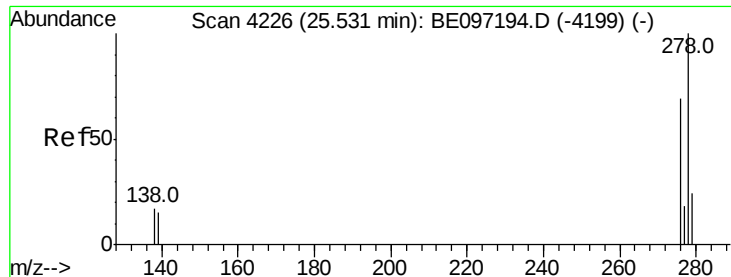
Sohil
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.127 ng/ul
RT: 25.50 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BE097208.D
Acq: 4 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	28.0	42.0#
227	0.0	8.0	12.0#





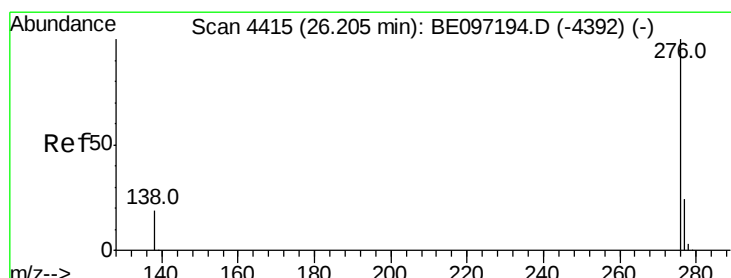
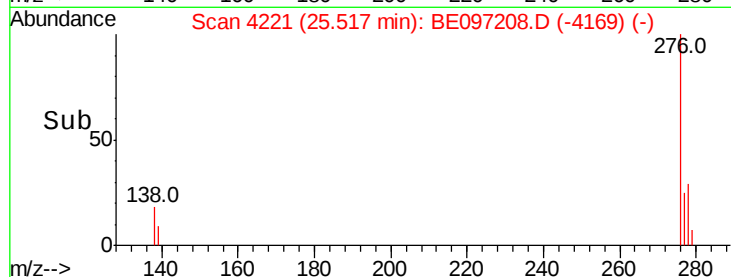
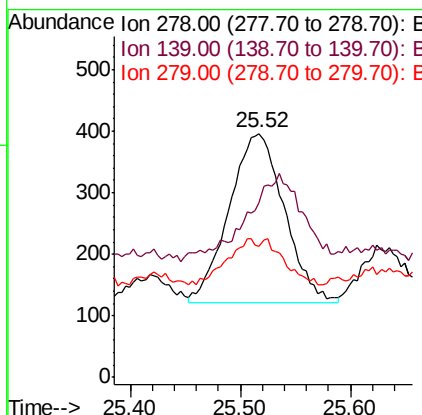
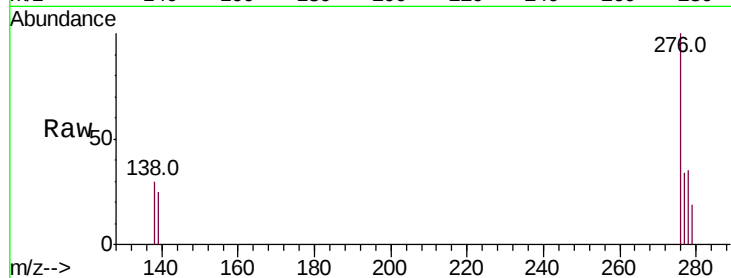
#25
Dibenzo(a,h)anthracene
Concen: 0.033 ng/u1
RT: 25.52 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BE097208.D
Acq: 4 Aug 2018 19:13

Instrument :
BNA_E
ClientSampleId :
JJ1K0

Tot Ion	Ratio	Lower	Upper
278	100		
139	71.7	17.4	26.0#
279	53.5	25.9	38.9#

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:56 PM



#26
Benzo(g,h,i)perylene
Concen: 0.179 ng/u1
RT: 26.20 min Scan# 4412
Delta R.T. -0.01 min
Lab File: BE097208.D
Acq: 4 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	21.8	32.8
277	29.7	20.5	30.7

