

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097204.D
 Acq On : 4 Aug 2018 16:44
 Operator : SJ/JU
 Sample : J4206-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J5

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:52 PM

Quant Time: Aug 06 02:00:58 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	1290	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7025	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4411	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10296m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	10457m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	9689m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3156	0.28	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	9985m	0.28	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.18	128	507	0.030	ng/ul#	76
5) 2-Methylnaphthalene	11.80	142	459	0.041	ng/ul	98
12) Phenanthrene	16.81	178	1192m	0.045	ng/ul	
15) Fluoranthene	18.84	202	1589m	0.046	ng/ul	
17) Pyrene	19.21	202	2118	0.076	ng/ul	94
18) Benzo(a)anthracene	20.96	228	938m	0.031	ng/ul	
19) Chrysene	21.01	228	1293m	0.042	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	1483m	0.056	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	693m	0.024	ng/ul	
23) Benzo(a)pyrene	23.11	252	989m	0.037	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	815	0.025	ng/ul#	89
26) Benzo(g,h,i)perylene	26.20	276	929	0.033	ng/ul#	71

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

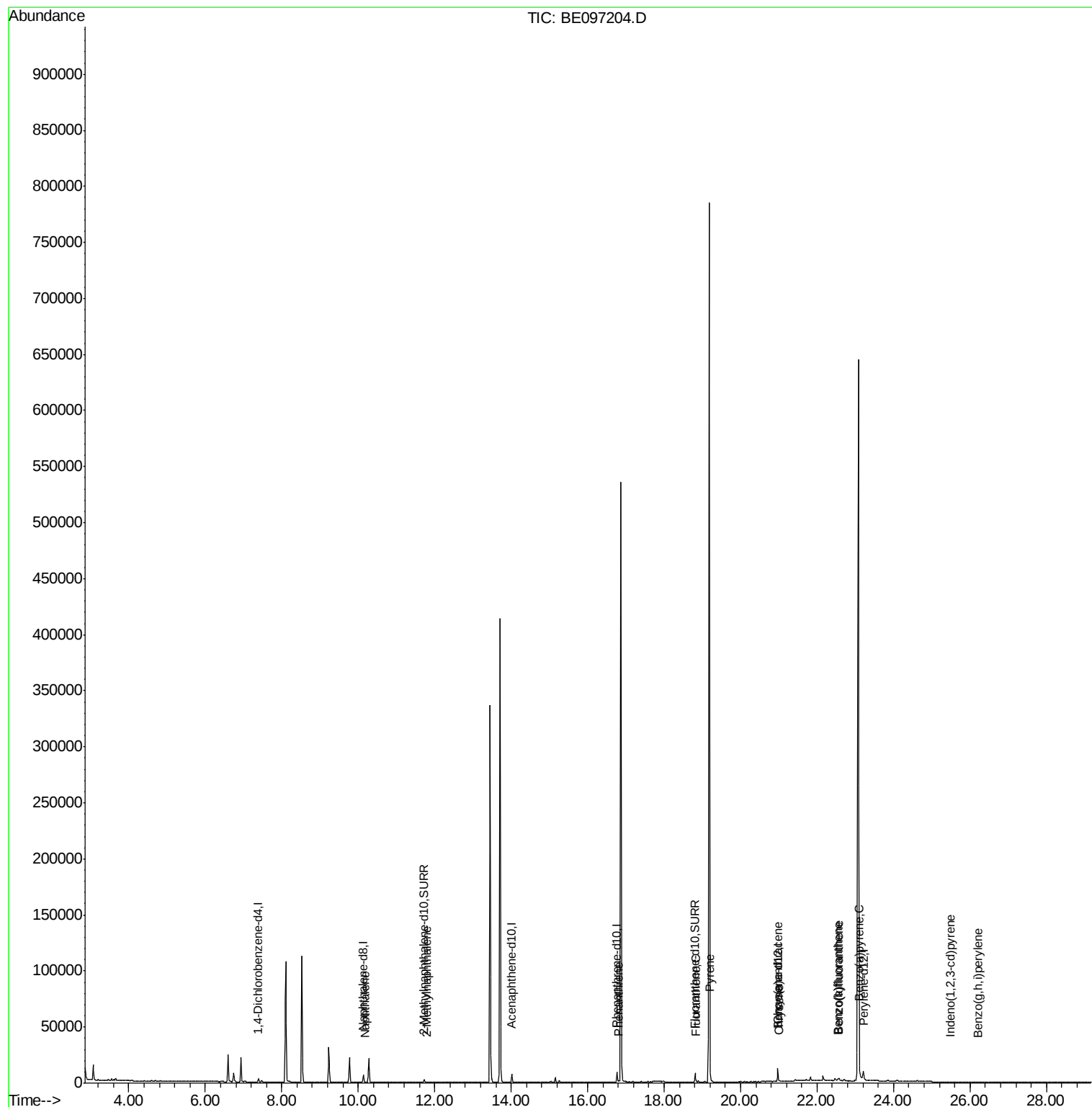
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097204.D
Acq On : 4 Aug 2018 16:44
Operator : SJ/JU
Sample : J4206-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

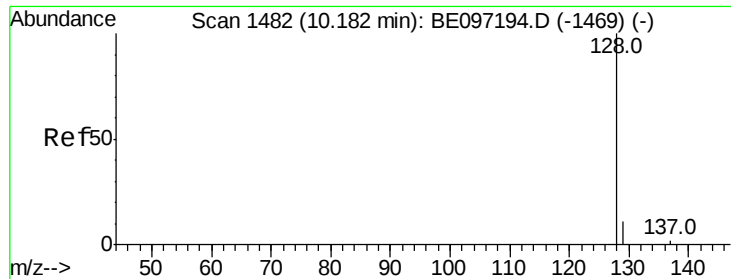
Instrument :
BNA_E
ClientSampleId :
JJ1J5

Quant Time: Aug 06 02:00:58 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

Manual Integrations
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#3

Naphthalene

Concen: 0.030 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097204.D

Acq: 4 Aug 2018 16:44

Instrument :

BNA_E

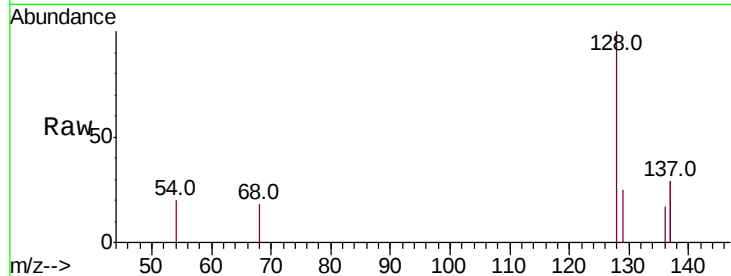
ClientSampled :

JJ1J5

Tot Ion:	128	Resp:	507
Ion Ratio	Lower	Upper	
128	100		
129	24.9	11.3	16.9#
127	0.0	4.0	6.0#

Manual Integrations
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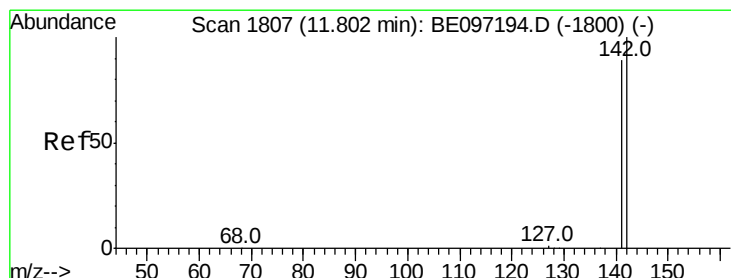
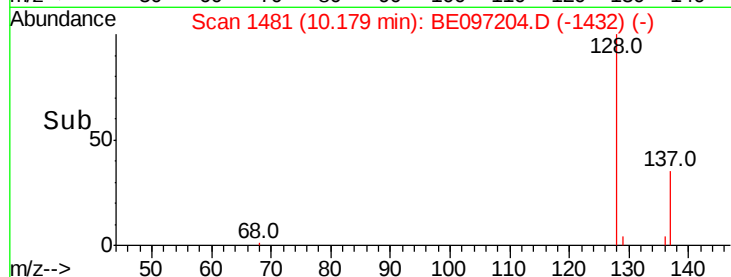
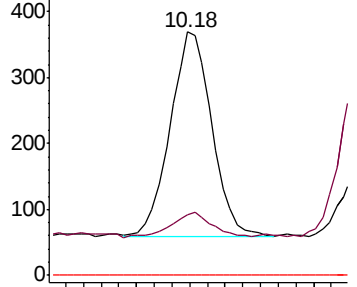
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.041 ng/ul

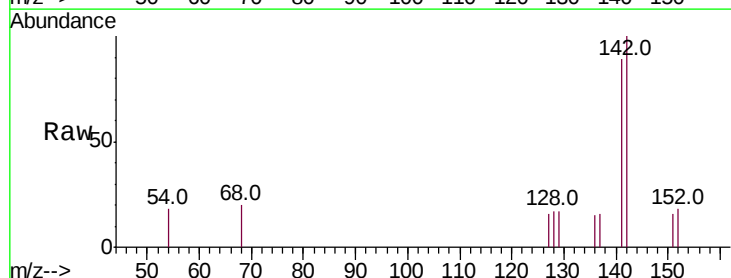
RT: 11.80 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BE097204.D

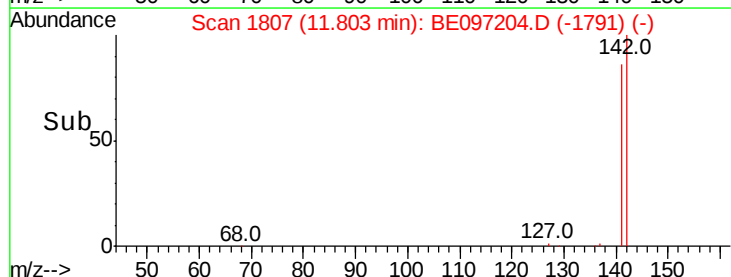
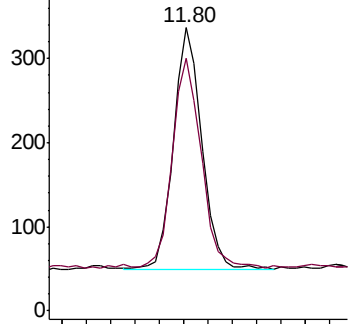
Acq: 4 Aug 2018 16:44

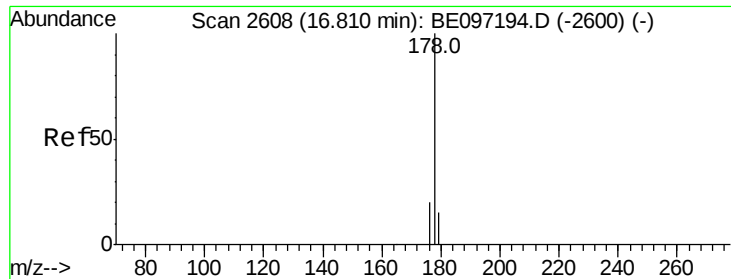
Tgt Ion:	142	Resp:	459
Ion Ratio	Lower	Upper	
142	100		
141	89.1	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





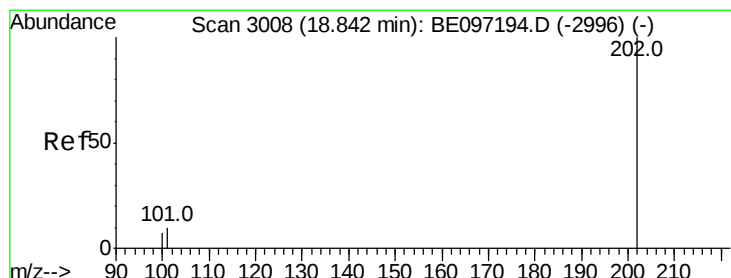
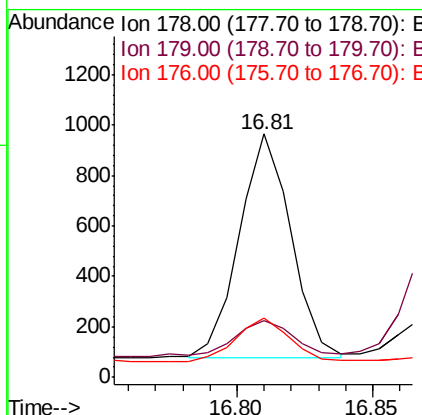
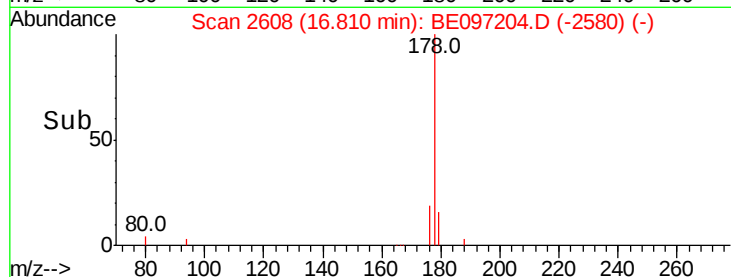
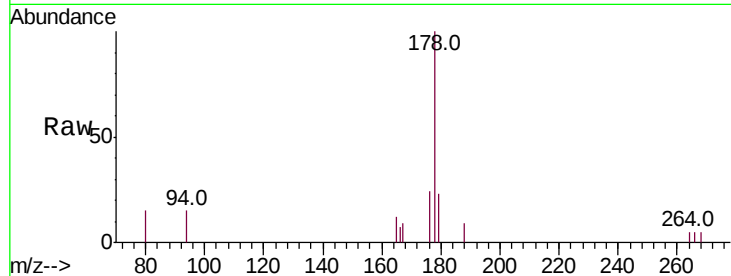
#12
Phenanthrene
Concen: 0.045 ng/ul m
RT: 16.81 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE097204.D
Acq: 4 Aug 2018 16:44

Instrument :
BNA_E
ClientSampleId :
JJ1J5

Tot Ion:178 Resp: 1192
Ion Ratio Lower Upper
178 100
179 23.3 18.4 27.6
176 24.5 13.6 20.4#

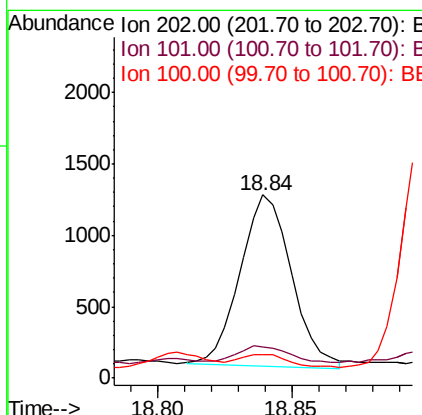
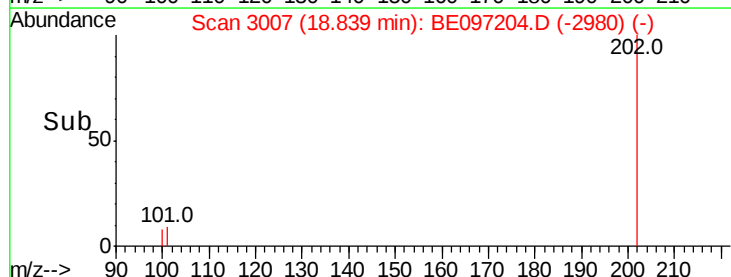
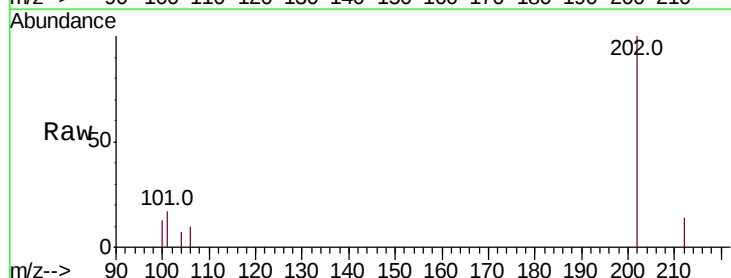
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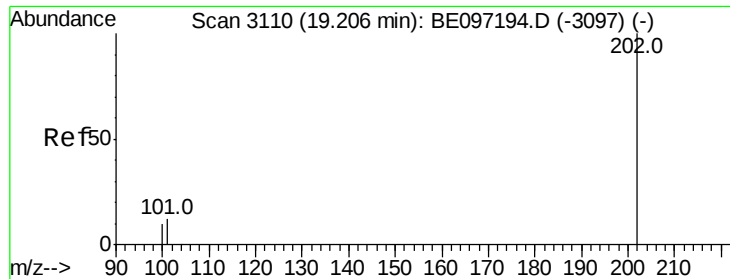
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#15
Fluoranthene
Concen: 0.046 ng/ul m
RT: 18.84 min Scan# 3007
Delta R.T. -0.00 min
Lab File: BE097204.D
Acq: 4 Aug 2018 16:44

Tgt Ion:202 Resp: 1589
Ion Ratio Lower Upper
202 100
101 17.0 0.0 30.3
100 12.6 0.0 39.5





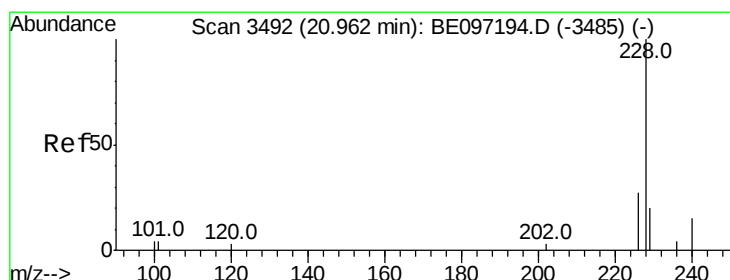
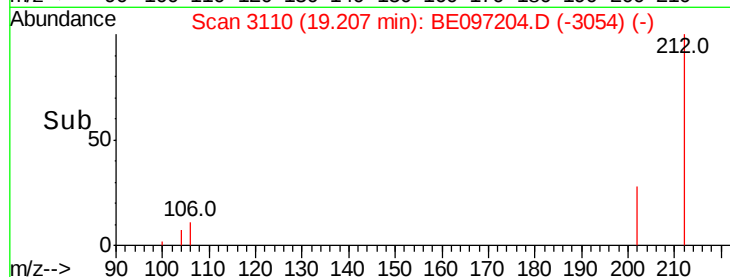
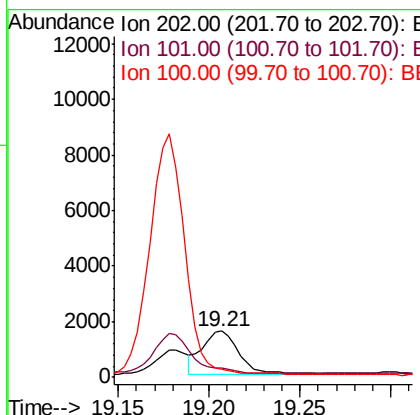
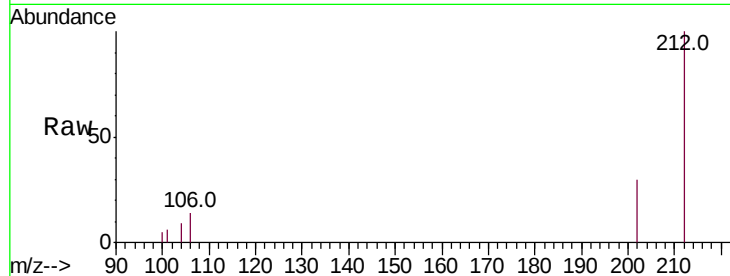
#17
Pvrene
Concen: 0.076 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE097204.D
Acq: 4 Aug 2018 16:44

Instrument :
BNA_E
ClientSampled :
JJ1J5

Tot Ion	Ratio	Lower	Upper
202	100		
101	19.8	18.2	27.4
100	17.1	15.6	23.4

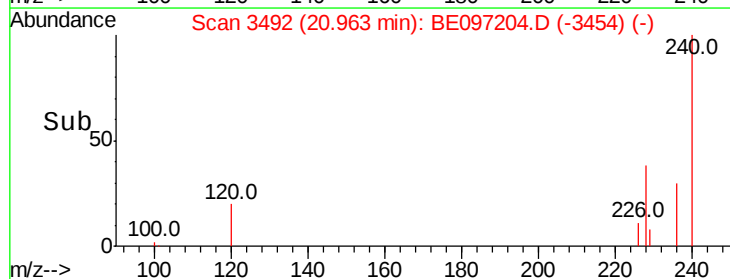
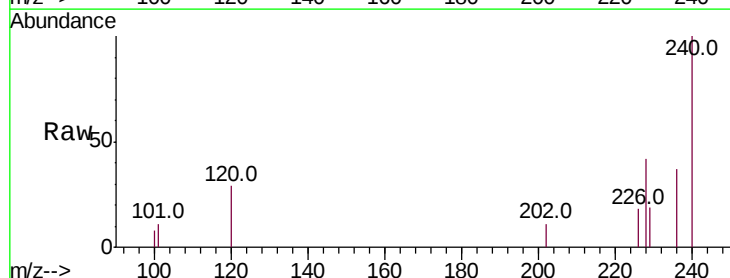
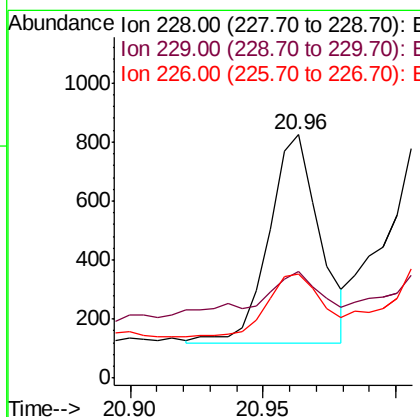
Manual Integrations
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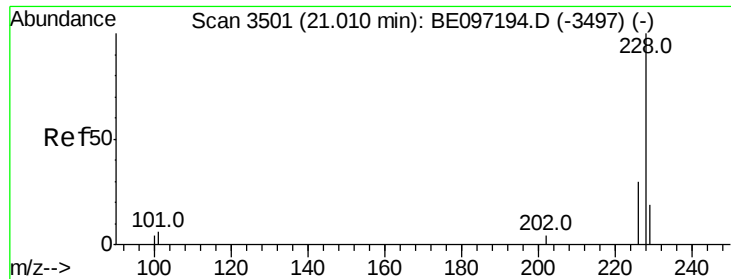
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#18
Benzo(a)anthracene
Concen: 0.031 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BE097204.D
Acq: 4 Aug 2018 16:44

Tgt Ion	Ratio	Lower	Upper
228	100		
229	43.6	22.8	34.2#
226	42.7	17.0	25.6#





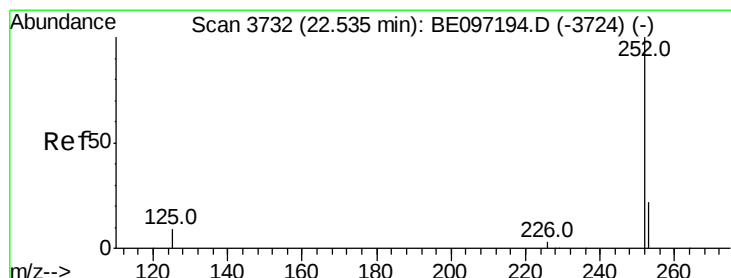
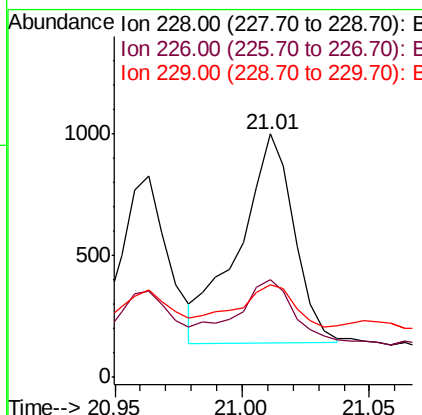
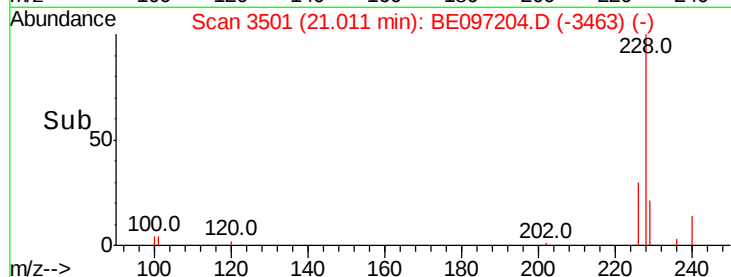
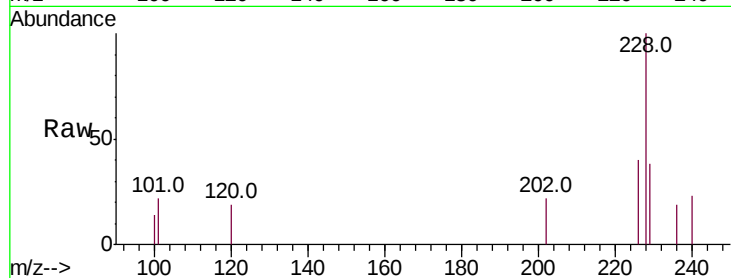
#19
Chrysene
Concen: 0.042 ng/ul m
RT: 21.01 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE097204.D
Acq: 4 Aug 2018 16:44

Instrument :
BNA_E
ClientSampled :
JJ1J5

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.9	23.4	35.0#
229	37.9	17.7	26.5#

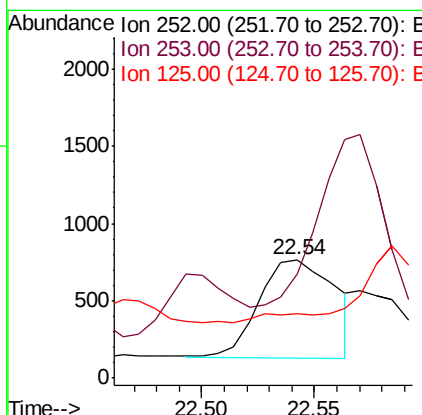
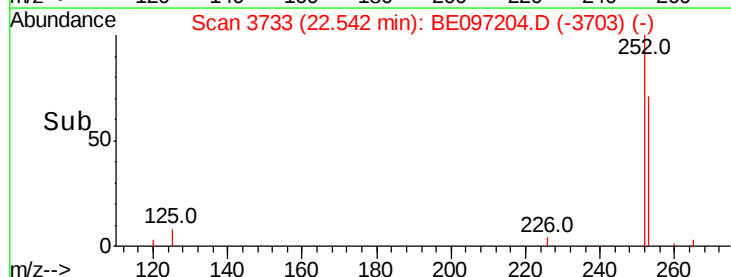
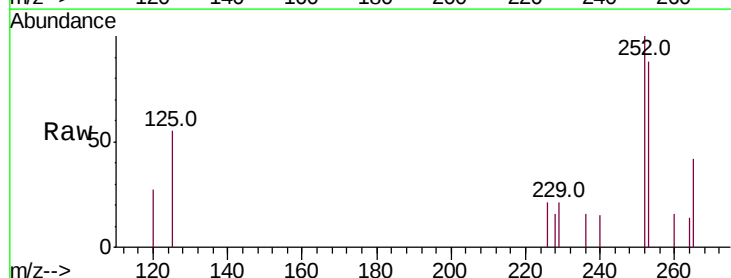
Manual Integrations
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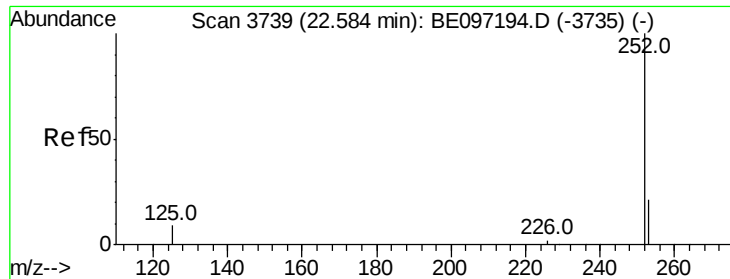
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#21
Benzo(b)fluoranthene
Concen: 0.056 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097204.D
Acq: 4 Aug 2018 16:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	87.8	0.0	64.2#
125	54.8	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.024 ng/ul m

RT: 22.57 min Scan# 3737

Delta R.T. -0.01 min

Lab File: BE097204.D

Acq: 4 Aug 2018 16:44

Instrument :

BNA_E

ClientSampled :

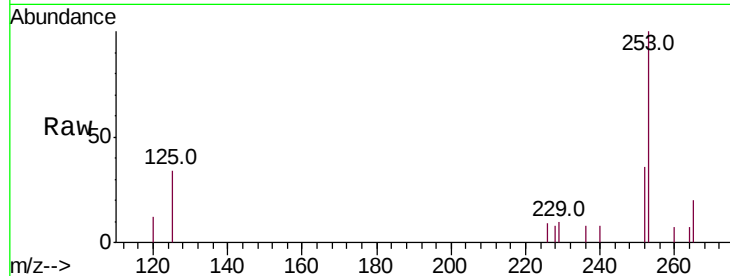
JJ1J5

Tot Ion:252 Resp: 693

Ion	Ratio	Lower	Upper
252	100		
253	278.3	24.5	36.7#
125	93.5	13.7	20.5#

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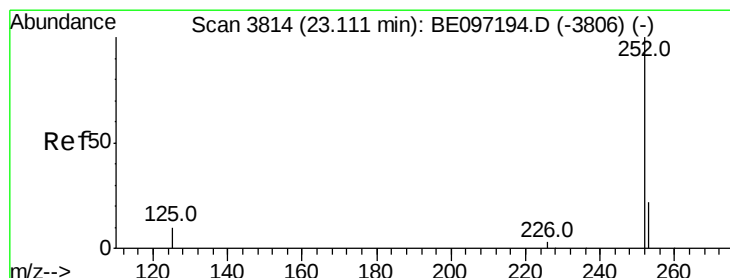
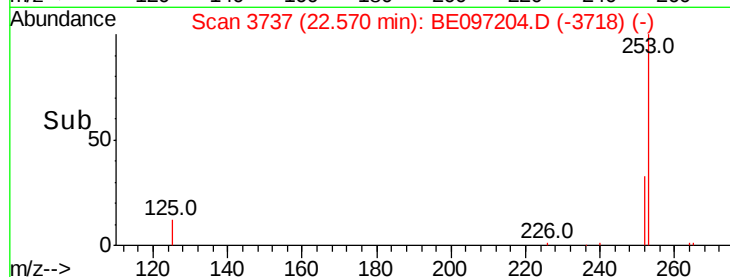
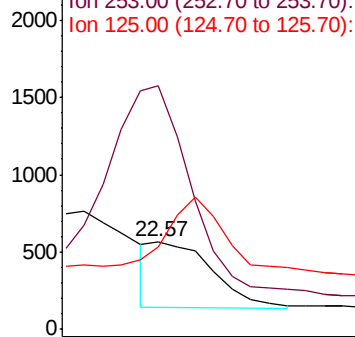


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.037 ng/ul m

RT: 23.11 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BE097204.D

Acq: 4 Aug 2018 16:44

Tgt Ion:252 Resp: 989

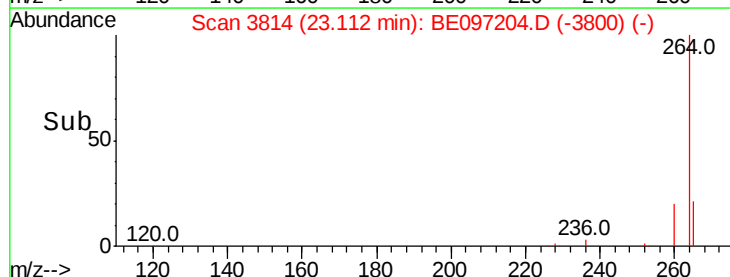
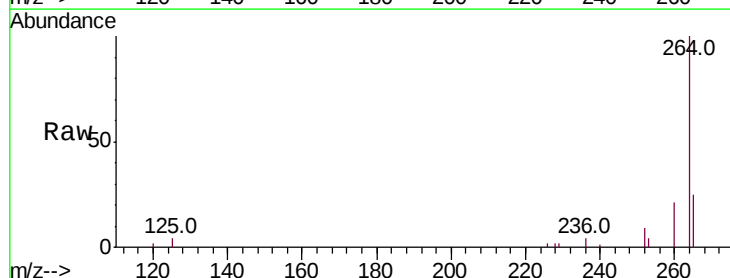
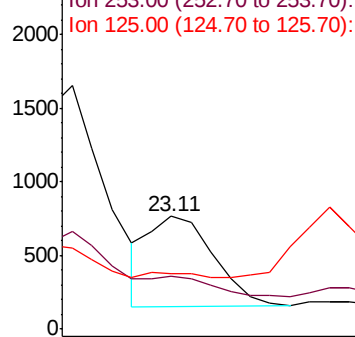
Ion	Ratio	Lower	Upper
252	100		
253	46.9	28.5	42.7#
125	49.3	18.1	27.1#

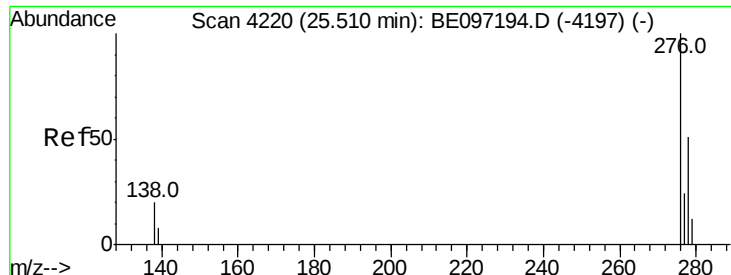
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





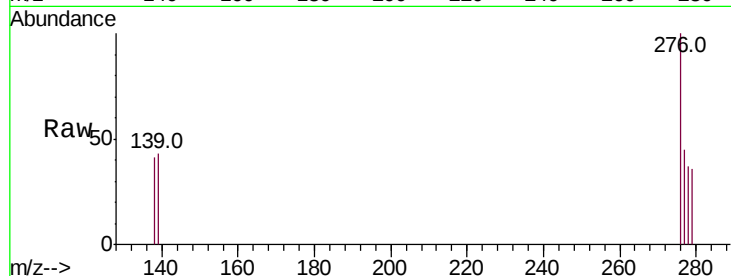
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.025 ng/ul
 RT: 25.50 min Scan# 4218
 Delta R.T. -0.01 min
 Lab File: BE097204.D
 Acq: 4 Aug 2018 16:44

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J5

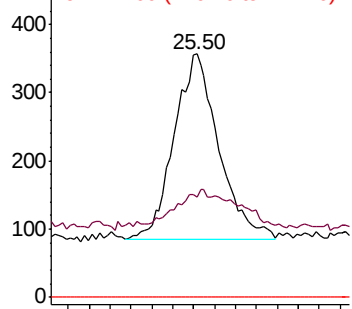
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.5	28.0	42.0
227	0.0	8.0	12.0

Manual Integrations
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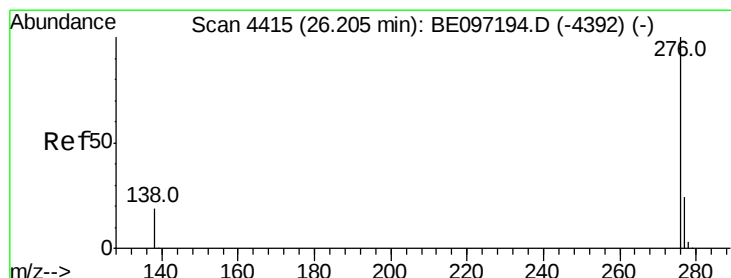
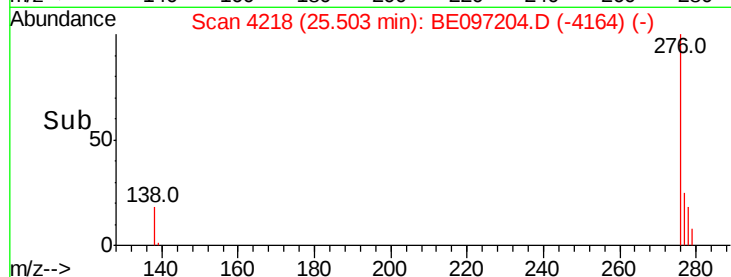
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E



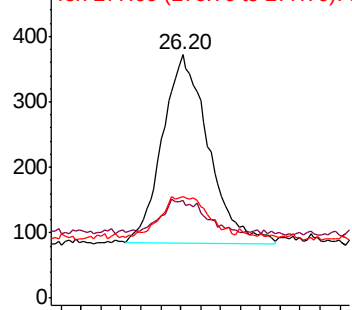
Time-->



#26
 Benzo(g,h,i)perylene
 Concen: 0.033 ng/ul
 RT: 26.20 min Scan# 4414
 Delta R.T. -0.00 min
 Lab File: BE097204.D
 Acq: 4 Aug 2018 16:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	40.3	21.8	32.8
277	41.9	20.5	30.7

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



Time-->

