

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042718\
 Data File : BE096207.D
 Acq On : 27 Apr 2018 14:34
 Operator : SJ/JU
 Sample : J2449-03DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD8DL

Manual Integrations
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Quant Time: Apr 28 00:51:46 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 23:57:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	750	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2805	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1587	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3865	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	4822	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	4118	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	427	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	1242	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	1963	0.251	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	1082	0.207	ng/ul	99
7) Acenaphthylene	14.67	152	961	0.117	ng/ul#	87
8) Acenaphthene	15.01	153	768	0.130	ng/ul#	92
9) Fluorene	15.97	166	1464	0.188	ng/ul	94
12) Phenanthrene	17.70	178	39551	3.476	ng/ul#	89
13) Anthracene	17.78	178	6665	0.584	ng/ul#	90
15) Fluoranthene	19.67	202	69176	3.977	ng/ul	84
17) Pyrene	20.02	202	30506	3.154	ng/ul#	77
18) Benzo(a)anthracene	21.73	228	15465	1.059	ng/ul#	86
19) Chrysene	21.79	228	23960	1.786	ng/ul	98
21) Benzo(b)fluoranthene	23.55	252	27201m	1.744	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	9414m	0.632	ng/ul	
23) Benzo(a)pyrene	24.23	252	19469	1.437	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.13	276	12373	0.678	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.13	278	3027	0.198	ng/ul	98
26) Benzo(a,h,i)perylene	28.00	276	10803	0.680	ng/ul#	94

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

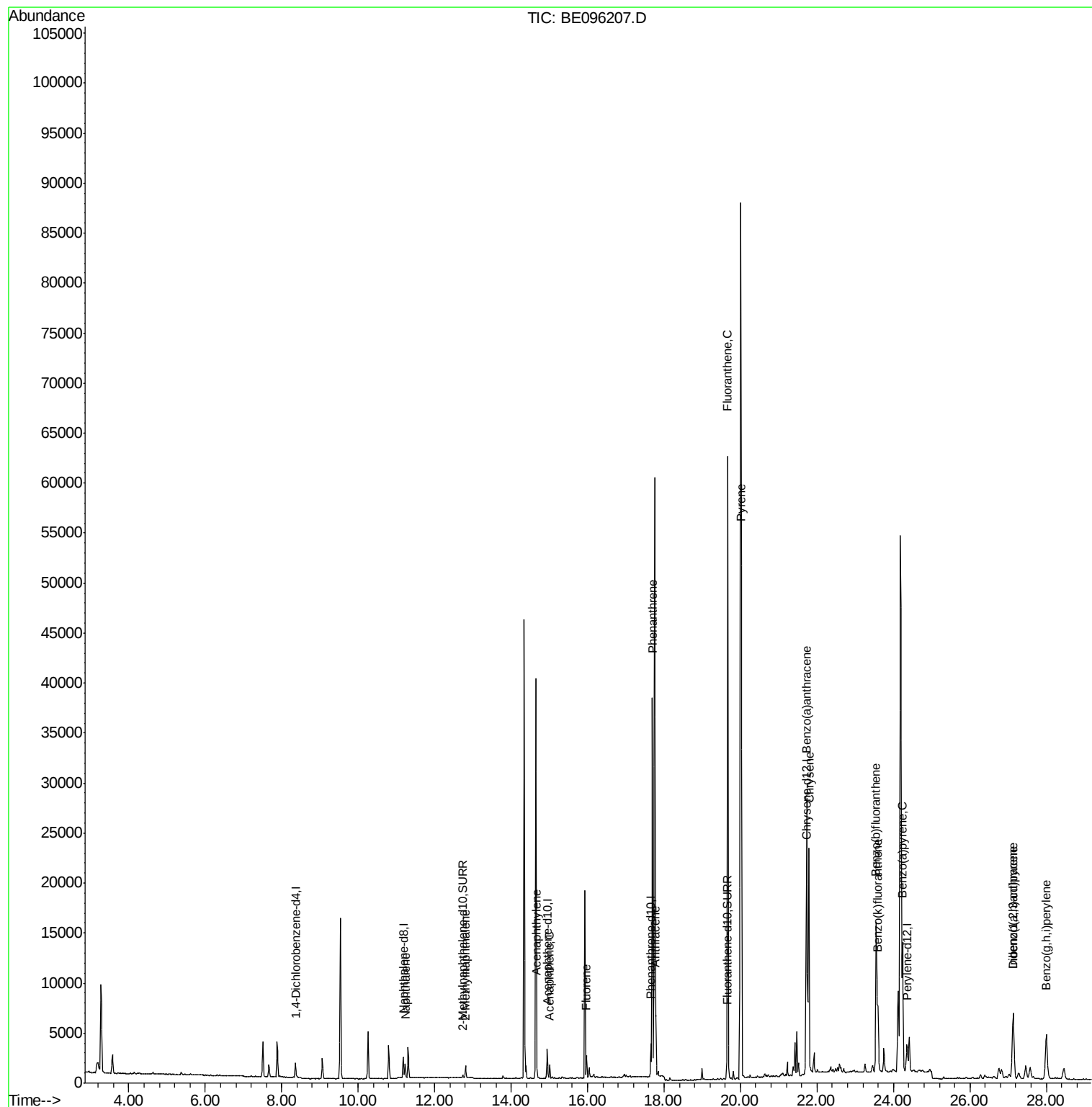
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042718\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

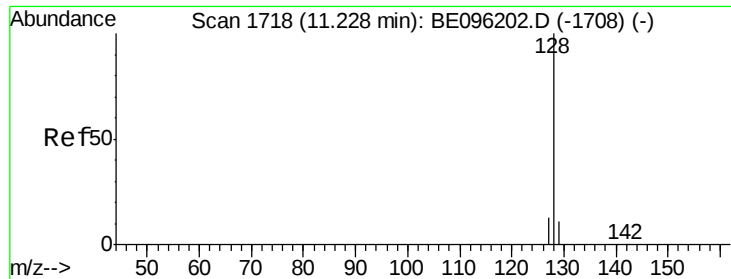
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
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QLast Update : Fri Apr 27 23:57:47 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.251 ng/ul

RT: 11.23 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BE096207.D

Acq: 27 Apr 2018 14:34

Instrument :

BNA_E

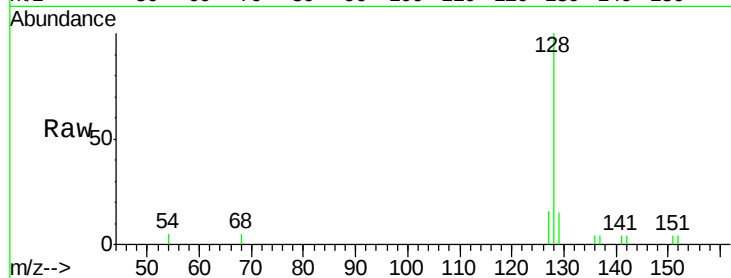
ClientSampleId :

C0AD8DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.1	11.3	16.9
127	16.1	4.0	6.0

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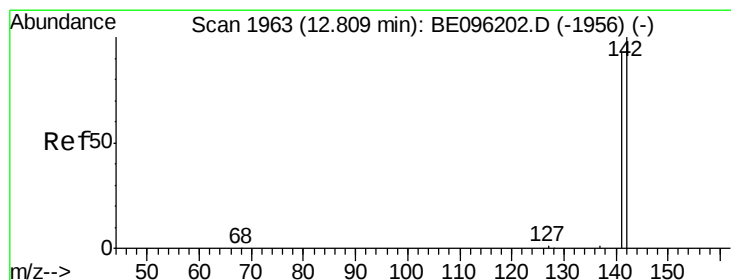
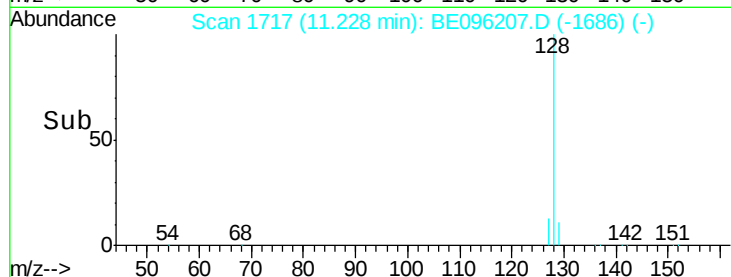
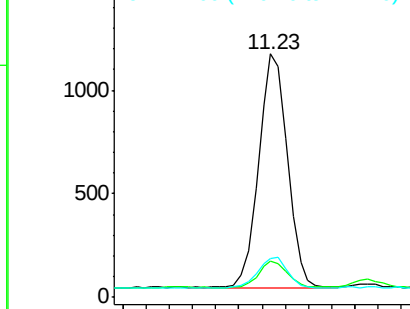
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.207 ng/ul

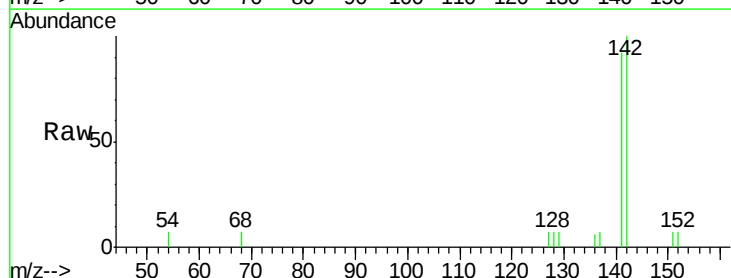
RT: 12.81 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BE096207.D

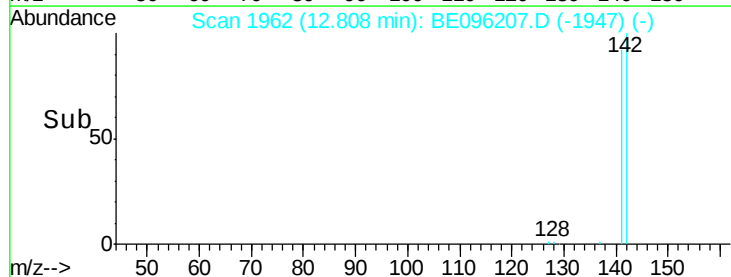
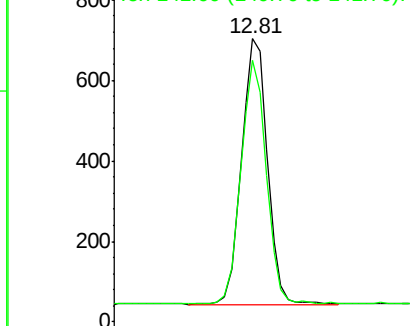
Acq: 27 Apr 2018 14:34

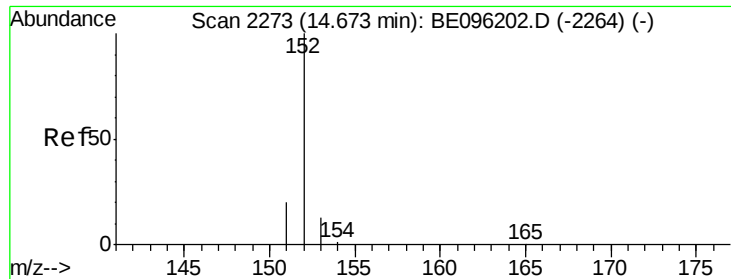
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.117 ng/ul

RT: 14.67 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE096207.D

Acq: 27 Apr 2018 14:34

Instrument :

BNA_E

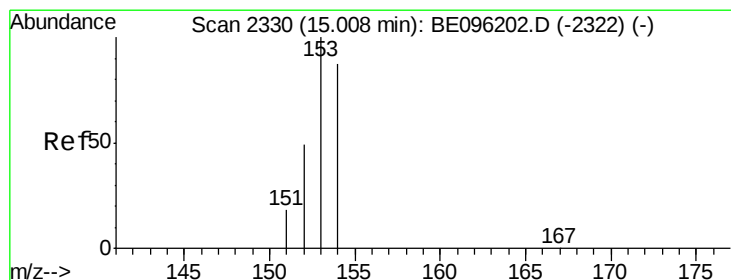
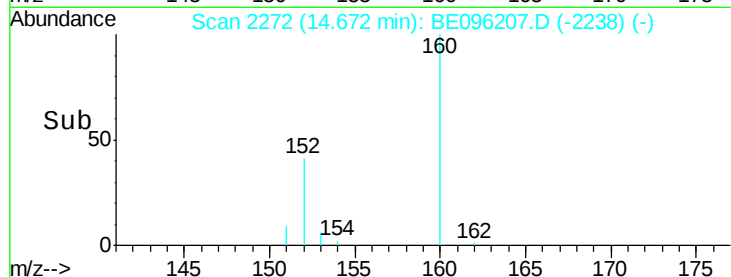
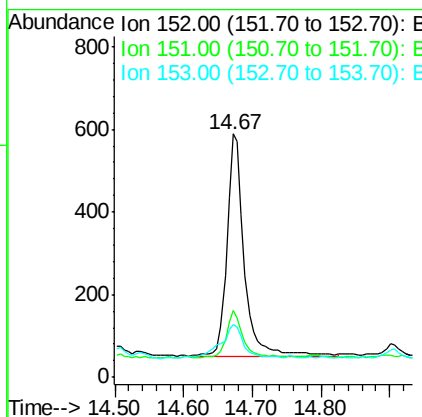
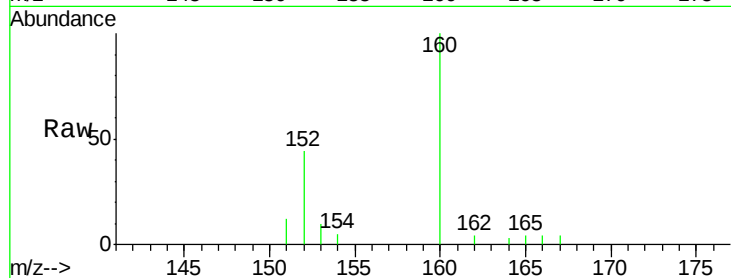
ClientSampleId :

C0AD8DL

Tot Ion:	152	Resp:	961
Ion Ratio	Lower	Upper	
152	100		
151	27.7	17.1	25.7#
153	21.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.130 ng/ul

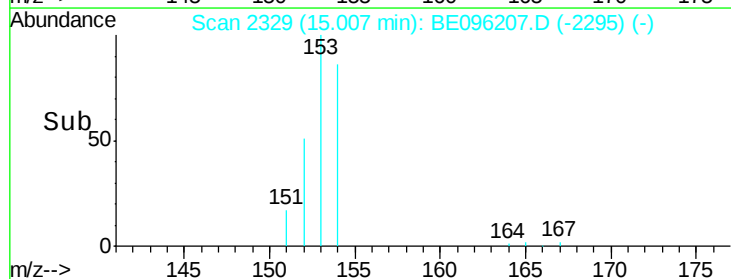
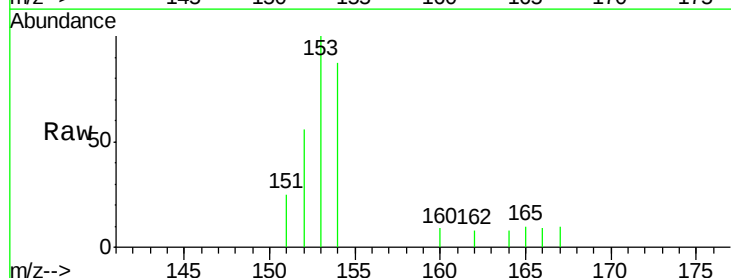
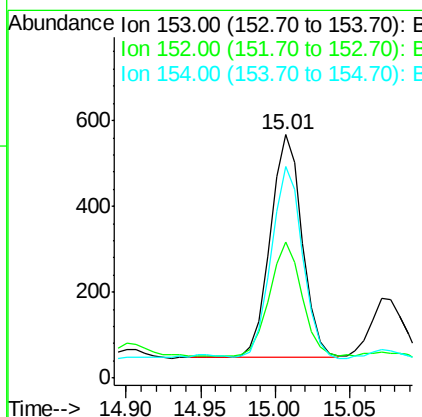
RT: 15.01 min Scan# 2329

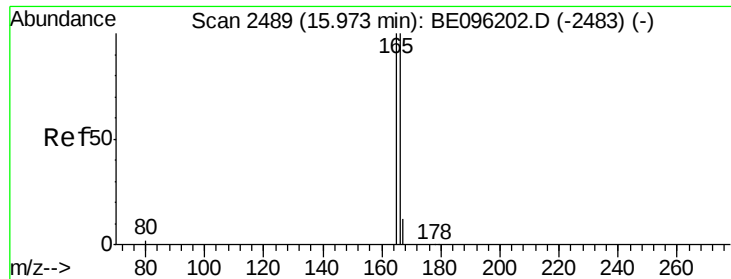
Delta R.T. -0.00 min

Lab File: BE096207.D

Acq: 27 Apr 2018 14:34

Tgt Ion:	153	Resp:	768
Ion Ratio	Lower	Upper	
153	100		
152	56.1	36.0	54.0#
154	87.1	72.0	108.0





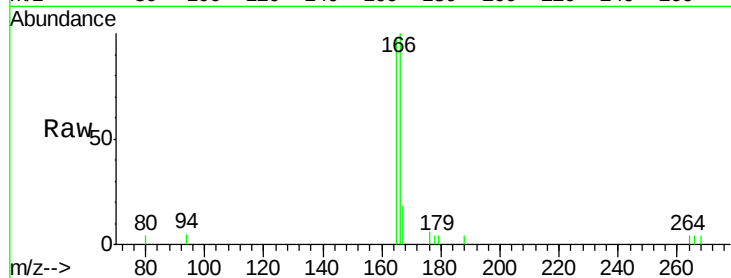
#9
Fluorene
 Concen: 0.188 ng/ul
 RT: 15.97 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BE096207.D
 Acq: 27 Apr 2018 14:34

Instrument :
 BNA_E
 ClientSampled :
 C0AD8DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	73.4	110.2
167	17.6	14.6	22.0

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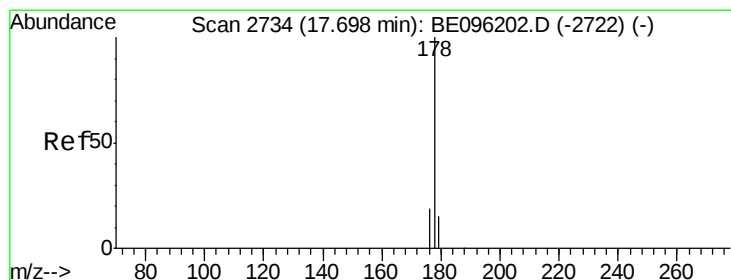
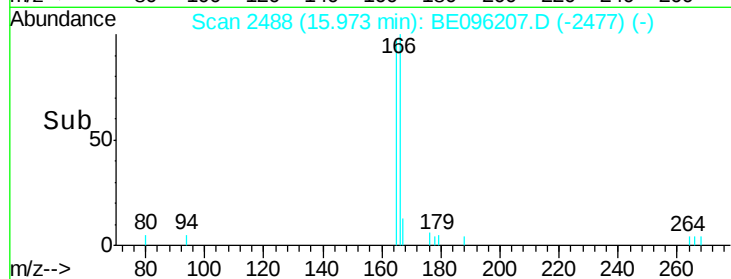
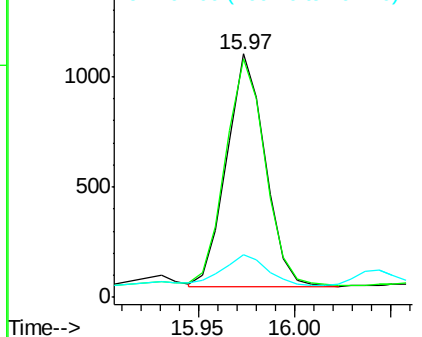


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12
Phenanthrene
 Concen: 3.476 ng/ul
 RT: 17.70 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: BE096207.D
 Acq: 27 Apr 2018 14:34

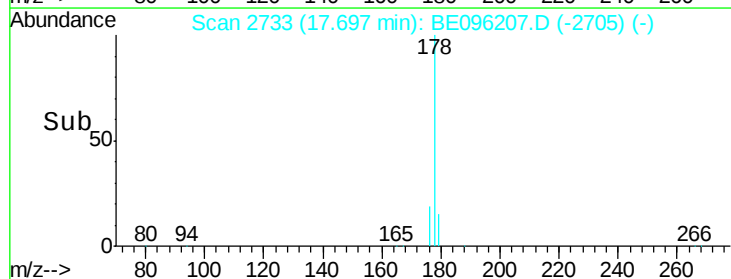
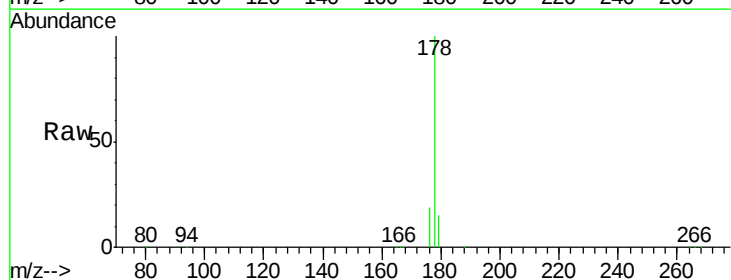
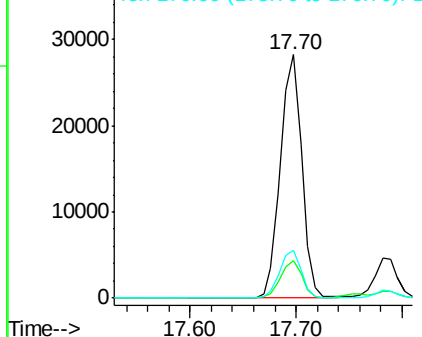
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	19.4	13.6	20.4

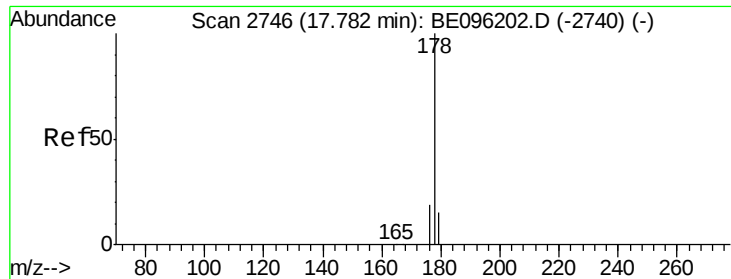
Abundance

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





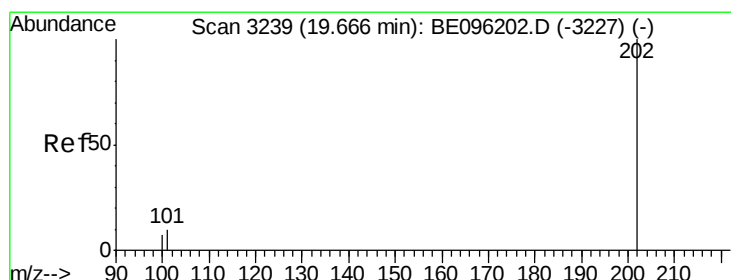
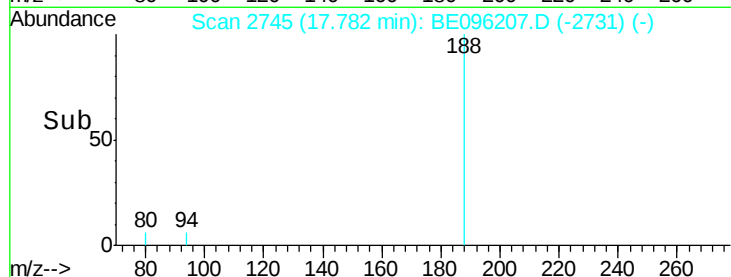
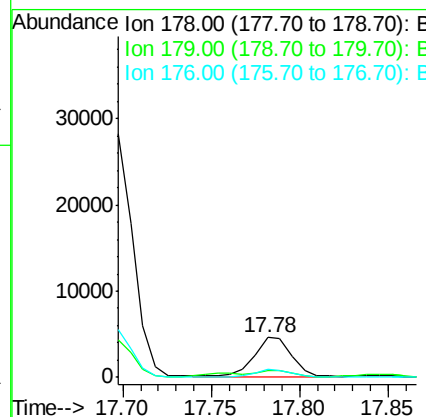
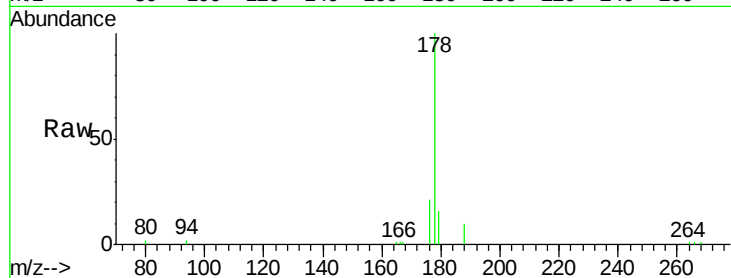
#13
 Anthracene
 Concen: 0.584 ng/ul
 RT: 17.78 min Scan# 2745
 Delta R.T. -0.00 min
 Lab File: BE096207.D
 Acq: 27 Apr 2018 14:34

Instrument :
 BNA_E
 ClientSampleId :
 C0AD8DL

Tot Ion:178 Resp: 6665
 Ion Ratio Lower Upper
 178 100
 179 15.9 18.1 27.1#
 176 20.7 14.7 22.1

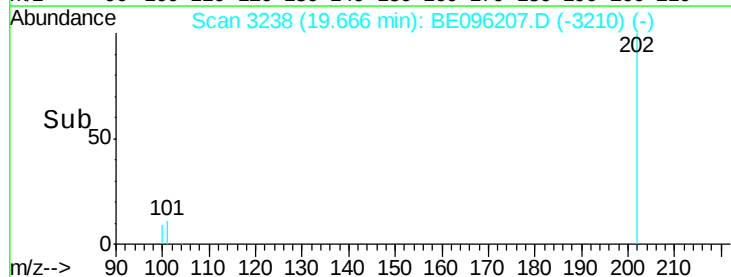
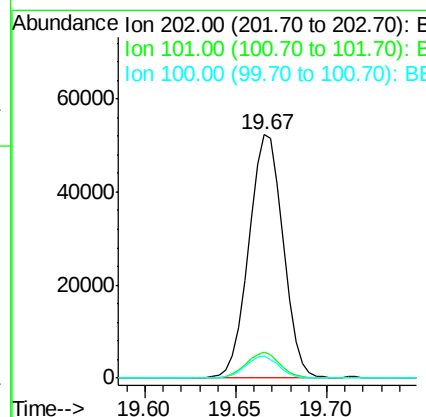
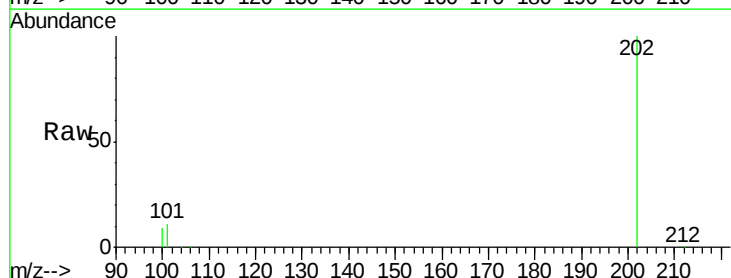
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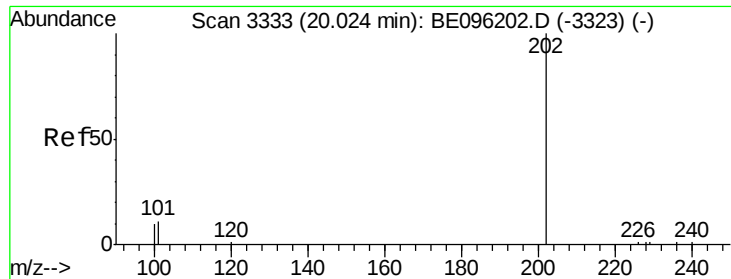
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#15
 Fluoranthene
 Concen: 3.977 ng/ul
 RT: 19.67 min Scan# 3238
 Delta R.T. -0.00 min
 Lab File: BE096207.D
 Acq: 27 Apr 2018 14:34

Tgt Ion:202 Resp: 69176
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 30.3
 100 8.9 0.0 39.5





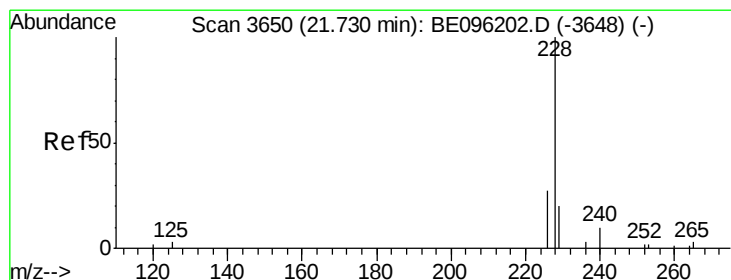
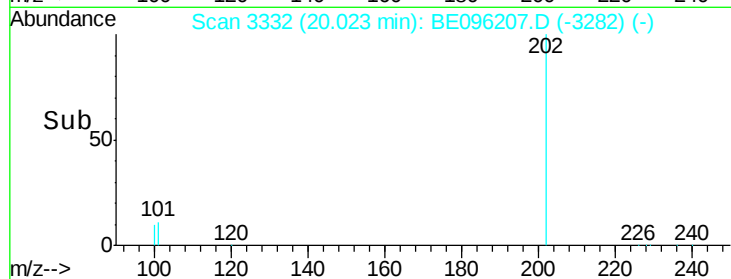
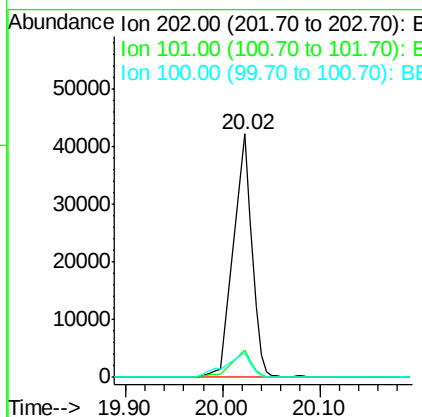
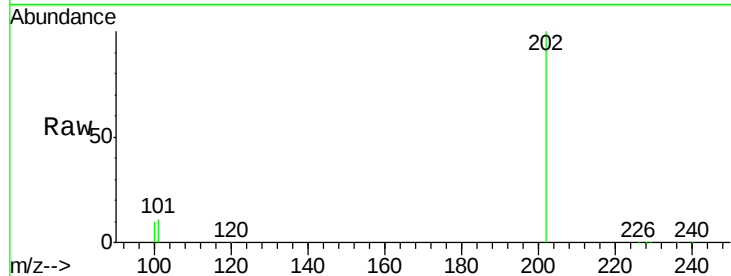
#17
Pvrene
Concen: 3.154 ng/ul
RT: 20.02 min Scan# 3332
Delta R.T. -0.00 min
Lab File: BE096207.D
Acq: 27 Apr 2018 14:34

Instrument :
BNA_E
ClientSampled :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	18.2	27.4#
100	9.9	15.6	23.4#

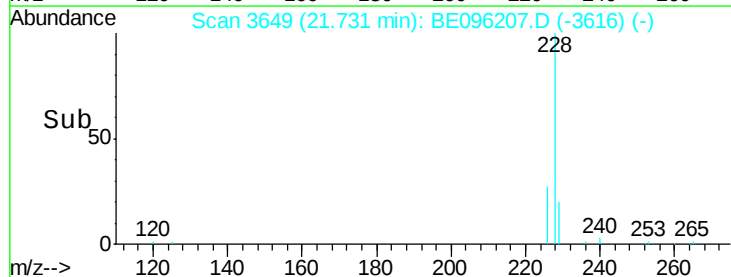
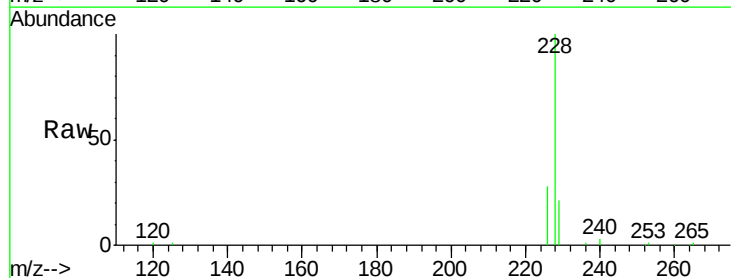
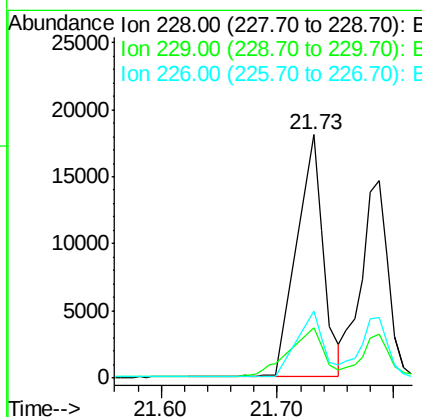
Manual Integrations
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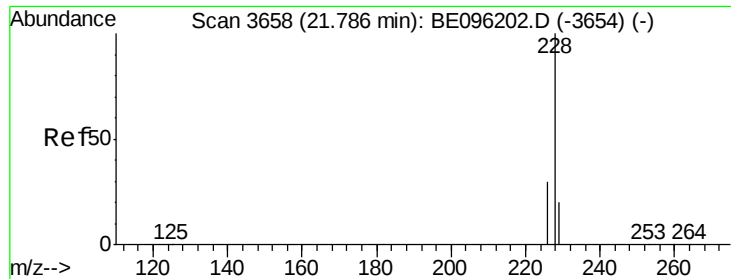
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#18
Benzo(a)anthracene
Concen: 1.059 ng/ul
RT: 21.73 min Scan# 3649
Delta R.T. 0.00 min
Lab File: BE096207.D
Acq: 27 Apr 2018 14:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	27.6	17.0	25.6#





#19

Chrysene

Concen: 1.786 ng/ul

RT: 21.79 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BE096207.D

Acq: 27 Apr 2018 14:34

Instrument :

BNA_E

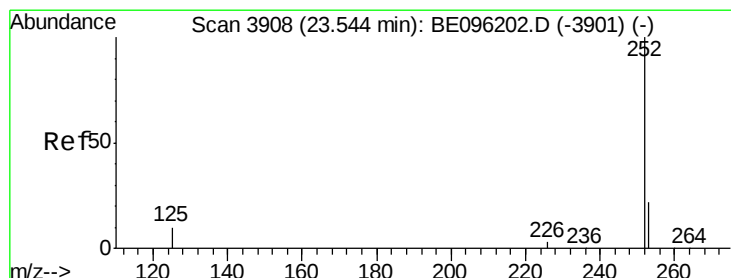
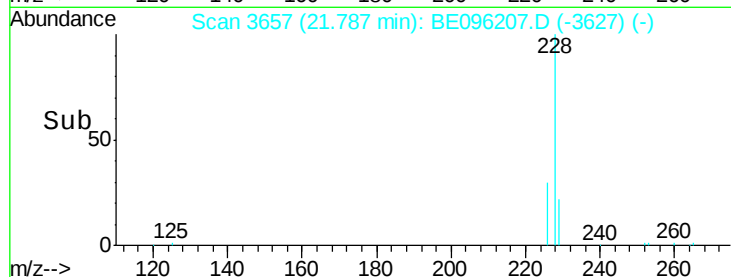
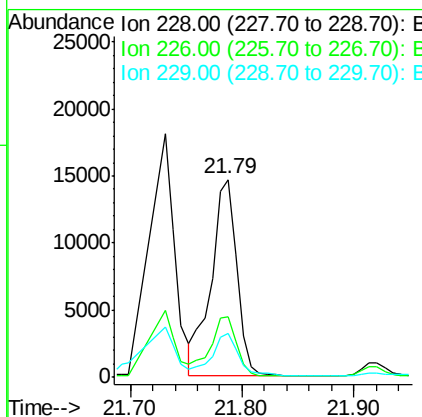
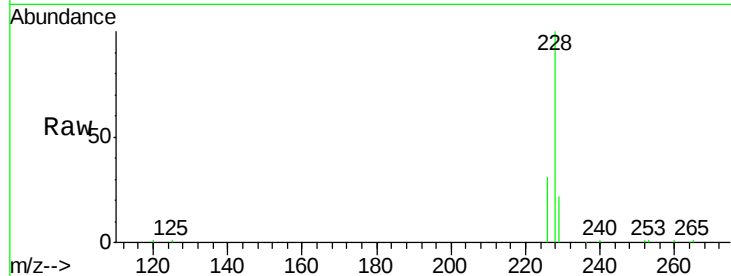
ClientSampled :

C0AD8DL

Tot Ion:	228	Resp:	23960
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	22.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.744 ng/ul m

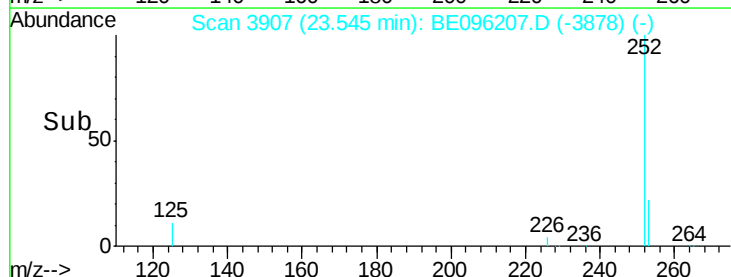
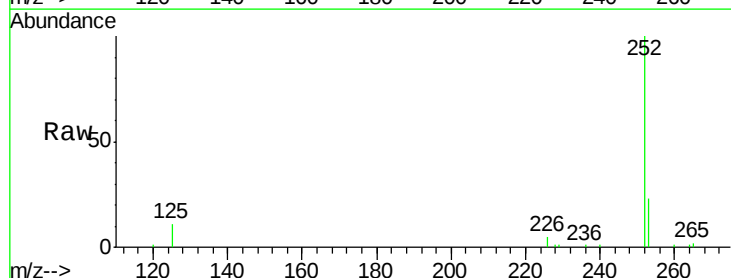
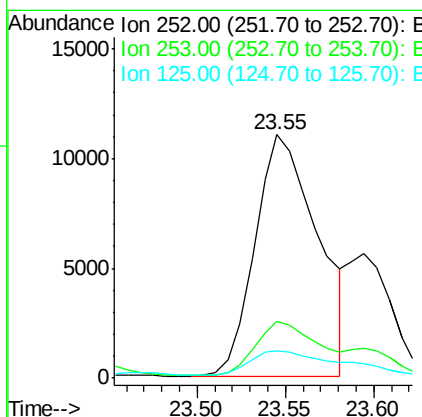
RT: 23.55 min Scan# 3907

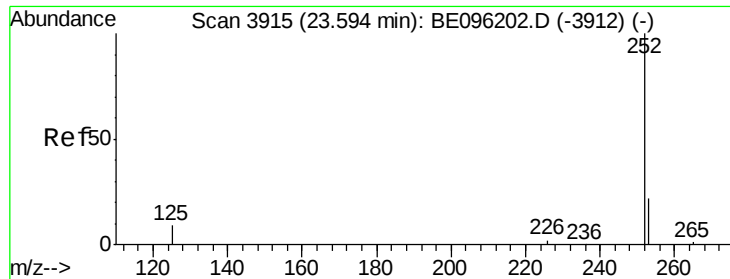
Delta R.T. 0.00 min

Lab File: BE096207.D

Acq: 27 Apr 2018 14:34

Tgt Ion:	252	Resp:	27201
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	11.4	0.0	35.0





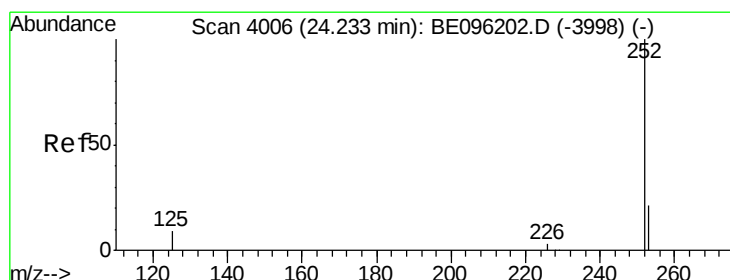
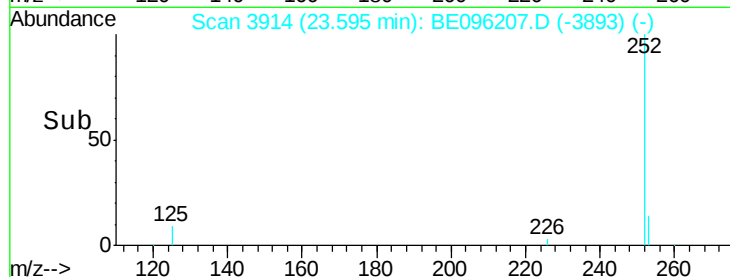
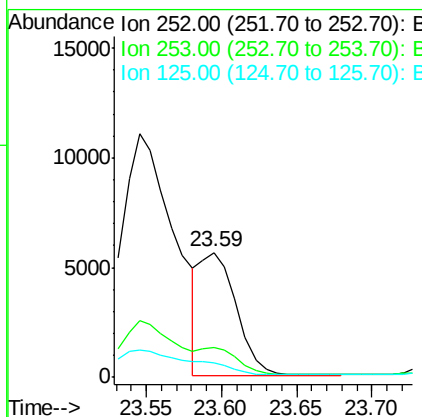
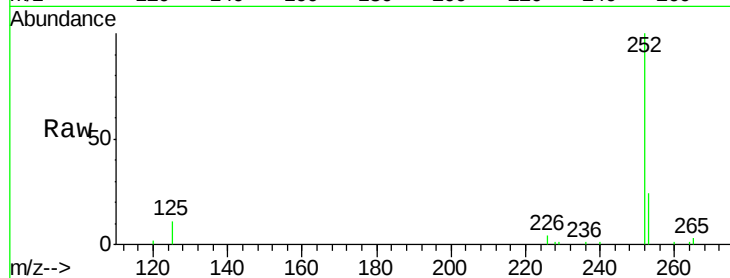
#22
Benzo(k)fluoranthene
Concen: 0.632 ng/ul m
RT: 23.59 min Scan# 3914
Delta R.T. 0.00 min
Lab File: BE096207.D
Acq: 27 Apr 2018 14:34

Instrument :
BNA_E
ClientSampleId :
C0AD8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	24.5	36.7#
125	11.5	13.7	20.5#

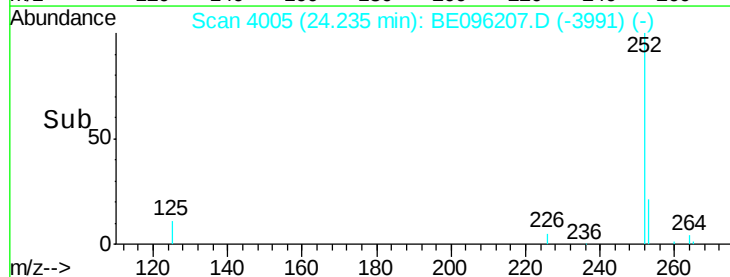
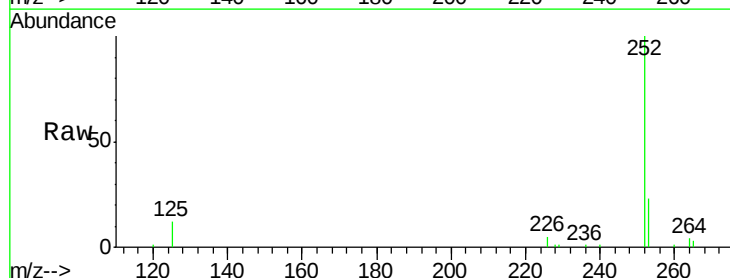
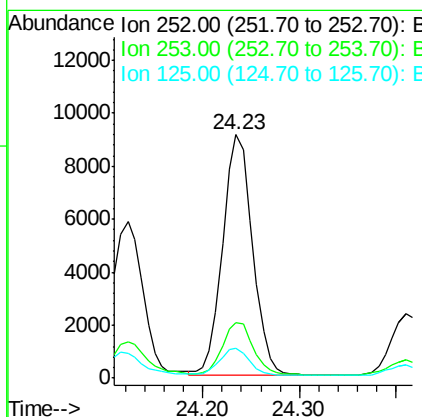
Manual Integrations
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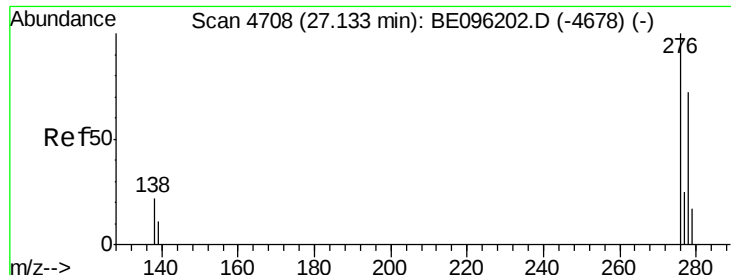
Sohil
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#23
Benzo(a)pyrene
Concen: 1.437 ng/ul
RT: 24.23 min Scan# 4005
Delta R.T. 0.00 min
Lab File: BE096207.D
Acq: 27 Apr 2018 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	12.3	18.1	27.1#





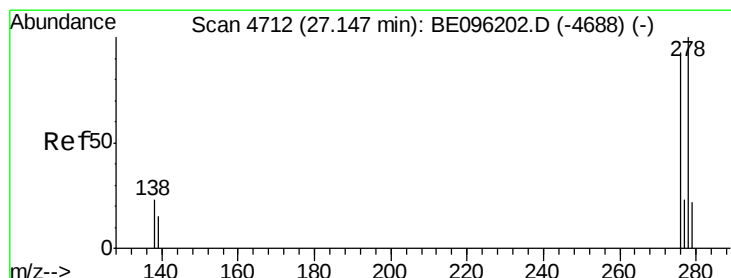
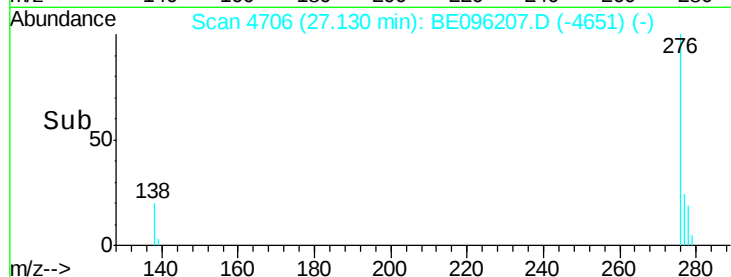
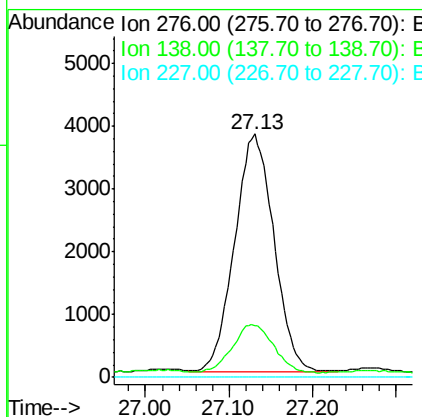
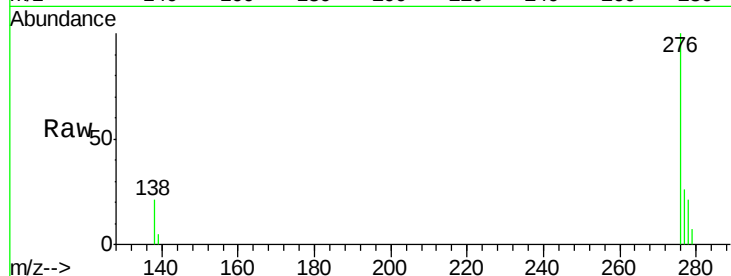
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.678 ng/ul
RT: 27.13 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BE096207.D
Acq: 27 Apr 2018 14:34

Instrument :
BNA_E
ClientSampleId :
C0AD8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	28.0	42.0#
227	0.0	8.0	12.0#

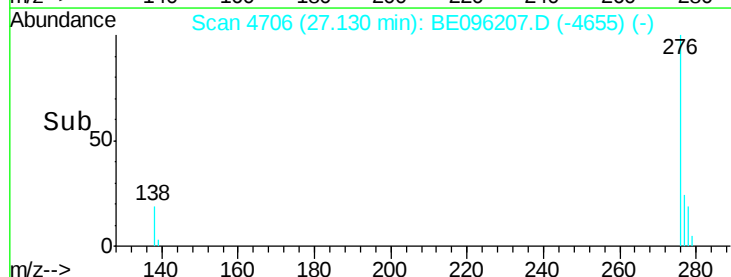
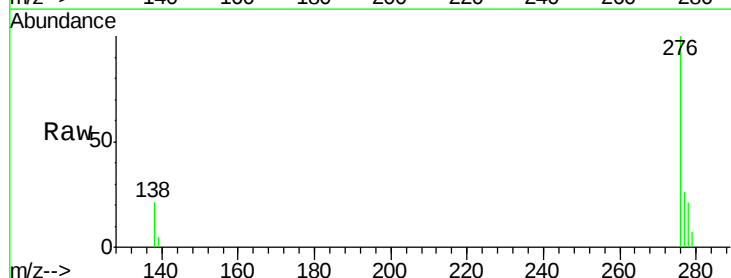
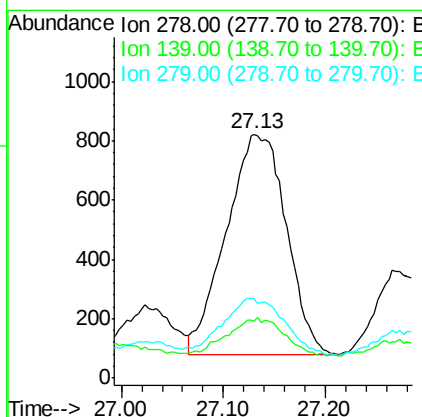
Manual Integrations
APPROVED

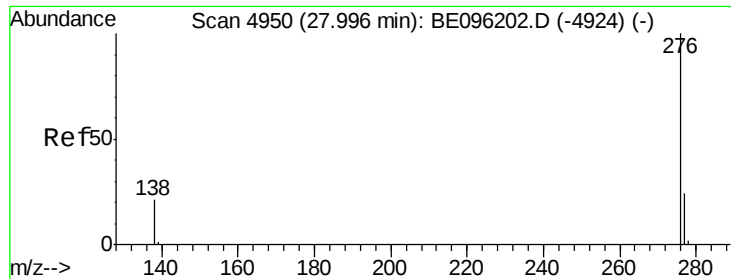
Sohil
4/30/2018 6:58:46 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.198 ng/ul
RT: 27.13 min Scan# 4706
Delta R.T. -0.02 min
Lab File: BE096207.D
Acq: 27 Apr 2018 14:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.4	17.4	26.0
279	32.8	25.9	38.9





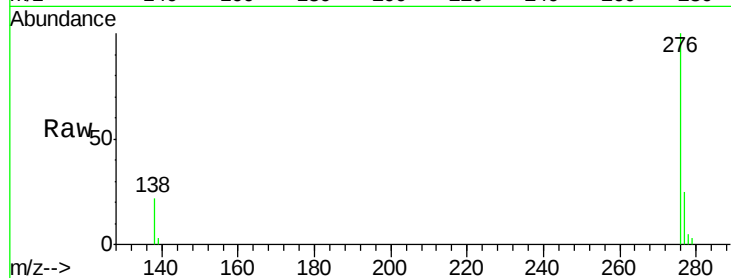
#26
 Benzo(a,h,i)perylene
 Concen: 0.680 ng/ul
 RT: 28.00 min Scan# 4950
 Delta R.T. 0.00 min
 Lab File: BE096207.D
 Acq: 27 Apr 2018 14:34

Instrument :
 BNA_E
 ClientSampleId :
 C0AD8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	21.8	32.8#
277	25.0	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/30/2018 6:58:46 PM



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

