

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096190.D
 Acq On : 26 Apr 2018 21:43
 Operator : SJ/JU
 Sample : J2449-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:32 PM

Quant Time: Apr 27 06:01:05 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 04:45:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	770	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3185	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1886	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4200m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	5274m	0.40	ng/ul	0.00
20) Perylene-d12	24.36	264	3944m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2249	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	5884m	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	10156	1.145	ng/ul#	89
5) 2-Methylnaphthalene	12.81	142	5689	0.957	ng/ul	100
7) Acenaphthylene	14.68	152	4938	0.508	ng/ul	99
8) Acenaphthene	15.01	153	4057	0.579	ng/ul	91
9) Fluorene	15.98	166	7415	0.799	ng/ul	92
12) Phenanthrene	17.70	178	181094m	14.645	ng/ul	
13) Anthracene	17.79	178	32616m	2.629	ng/ul	
15) Fluoranthene	19.67	202	300467m	15.897	ng/ul	
17) Pyrene	20.03	202	211854	20.023	ng/ul#	77
18) Benzo(a)anthracene	21.73	228	97982m	6.137	ng/ul	
19) Chrysene	21.79	228	99615	6.789	ng/ul	97
21) Benzo(b)fluoranthene	23.55	252	123205m	8.250	ng/ul	
22) Benzo(k)fluoranthene	23.60	252	41664m	2.918	ng/ul	
23) Benzo(a)pyrene	24.25	252	89093	6.867	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.14	276	57874	3.311	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.15	278	14623m	0.999	ng/ul	
26) Benzo(a,h,i)perylene	28.01	276	50538	3.321	ng/ul#	92

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

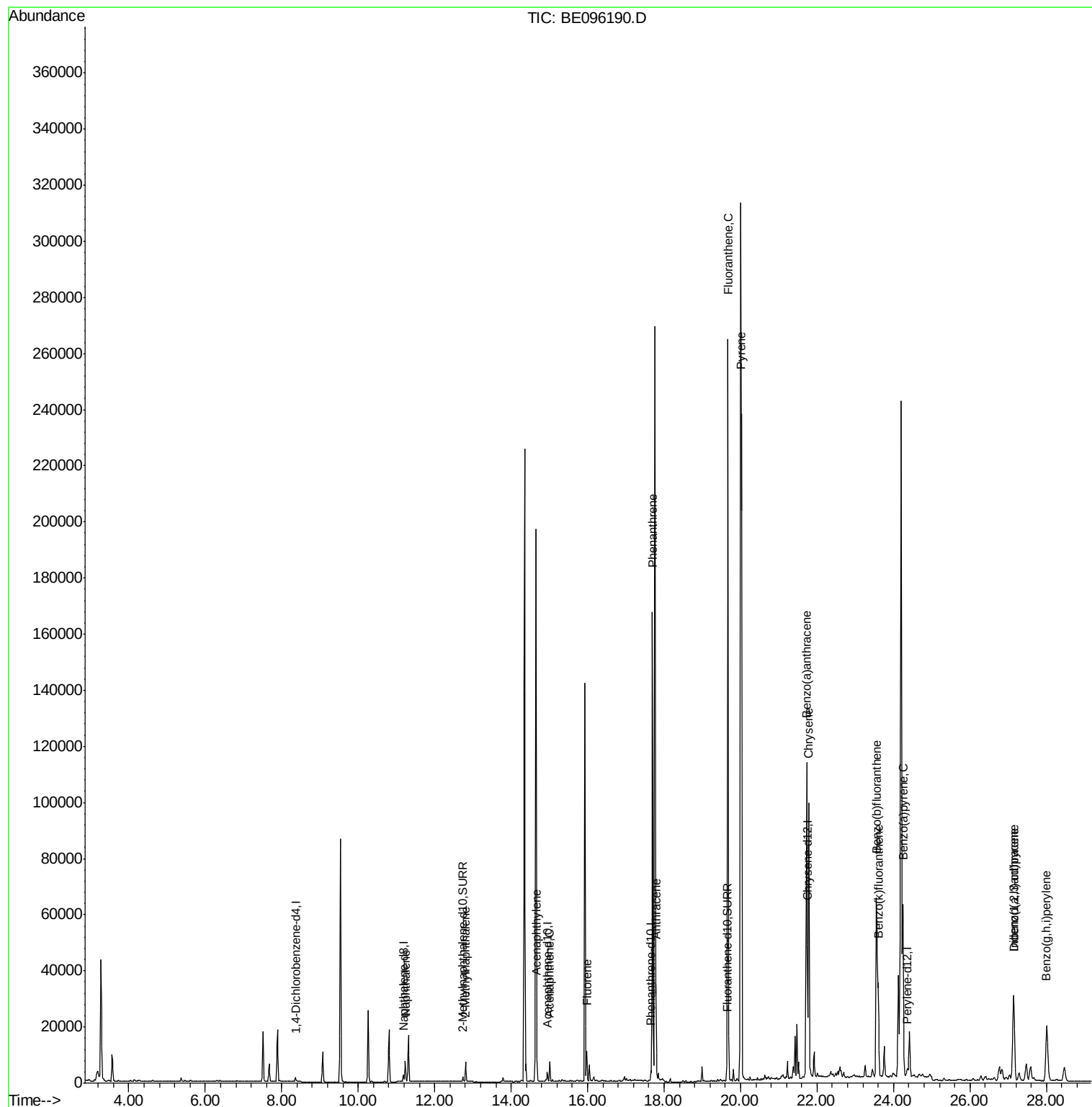
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096190.D
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Sample : J2449-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

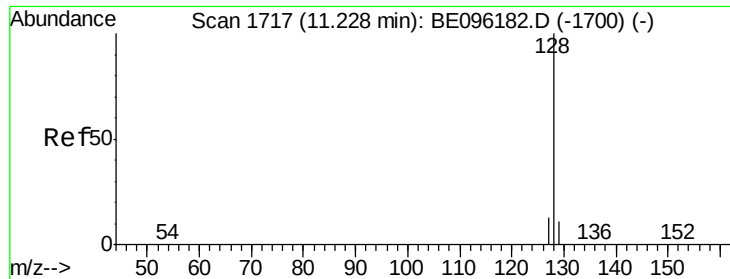
Instrument :
BNA_E
ClientSampleId :
C0AD8

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#3

Naphthalene

Concen: 1.145 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. 0.01 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

Instrument :

BNA_E

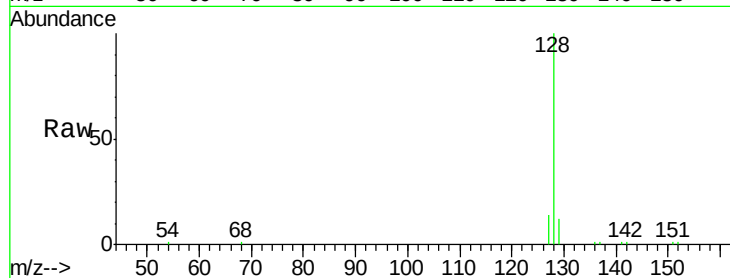
ClientSampleId :

C0AD8

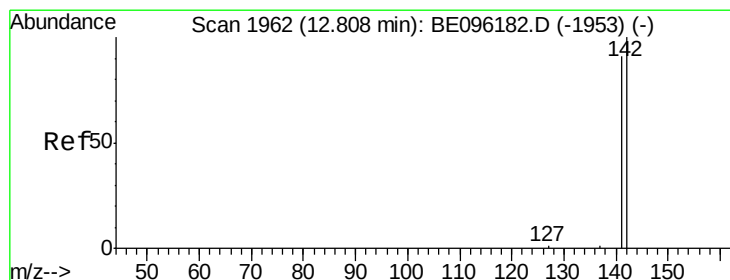
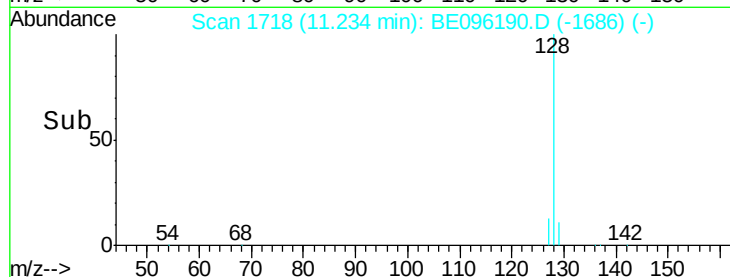
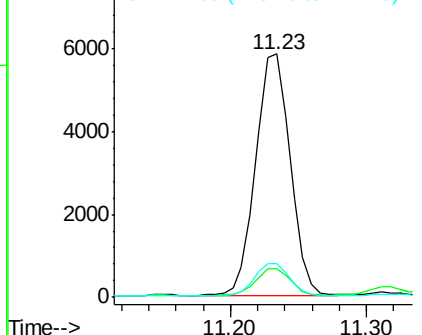
Tot Ion:	128	Resp:	10156
Ion Ratio	Lower	Upper	
128	100		
129	11.6	11.3	16.9
127	13.7	4.0	6.0#

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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: 0.957 ng/ul

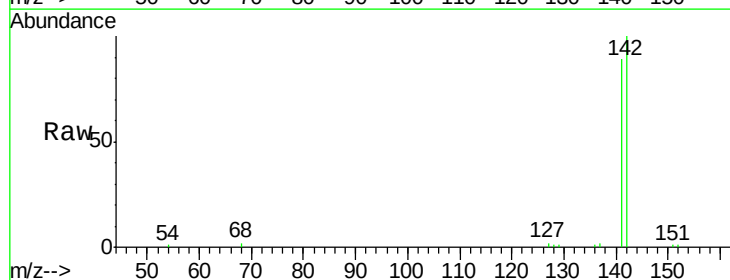
RT: 12.81 min Scan# 1963

Delta R.T. 0.01 min

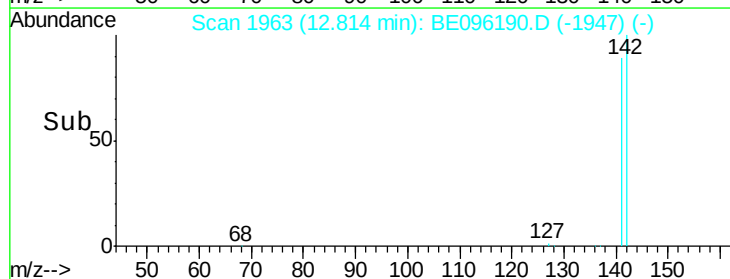
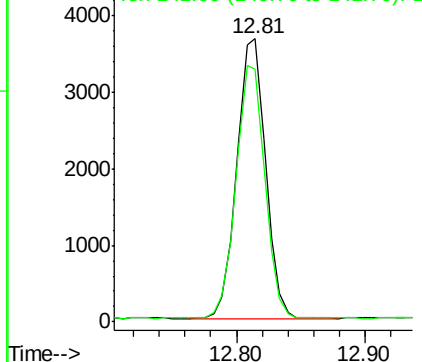
Lab File: BE096190.D

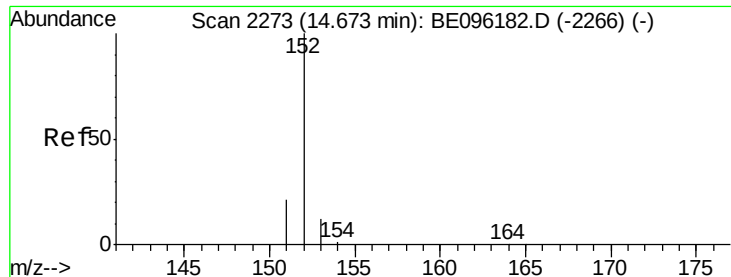
Acq: 26 Apr 2018 21:43

Tgt Ion:	142	Resp:	5689
Ion Ratio	Lower	Upper	
142	100		
141	90.8	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: 0.508 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

Instrument :

BNA_E

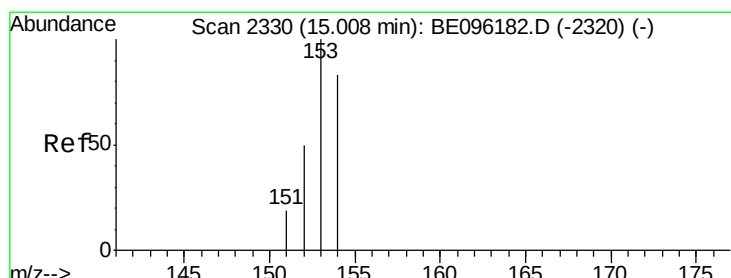
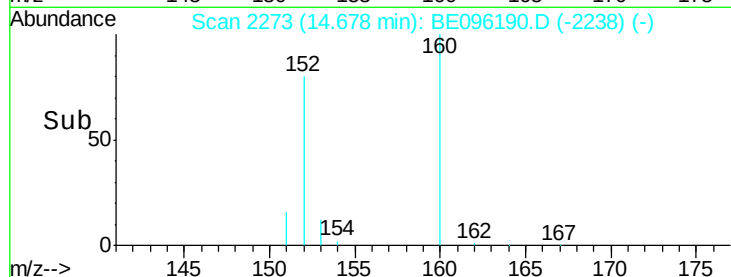
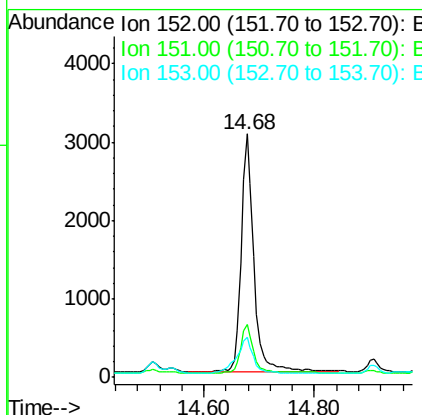
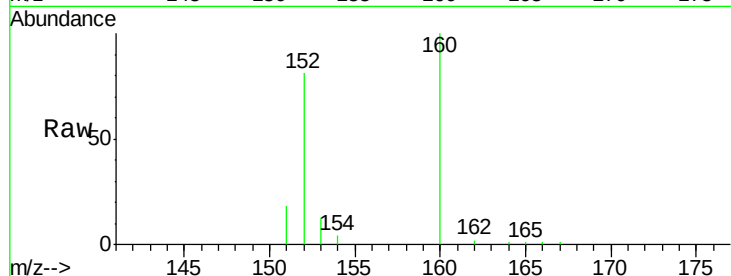
ClientSampled :

C0AD8

Tot Ion:	152	Resp:	4938
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.1	25.7
153	16.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.579 ng/ul

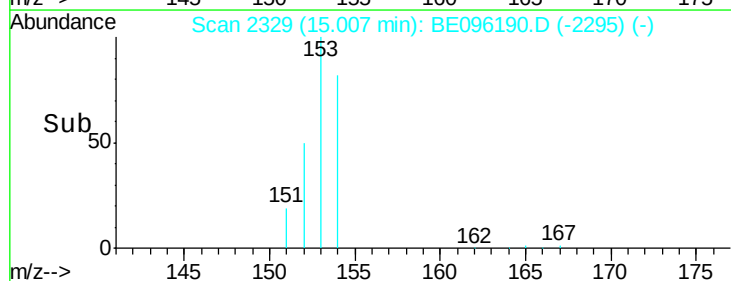
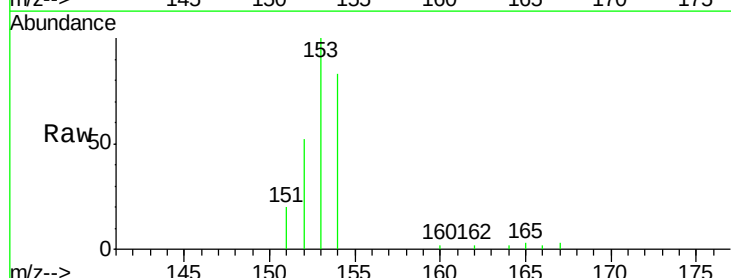
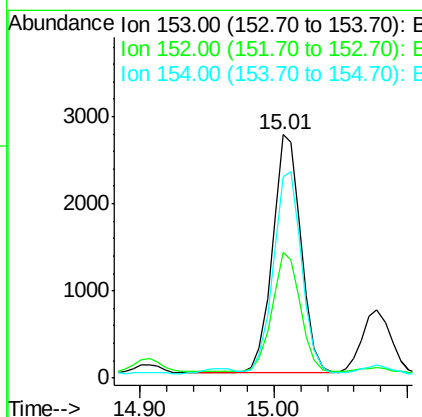
RT: 15.01 min Scan# 2329

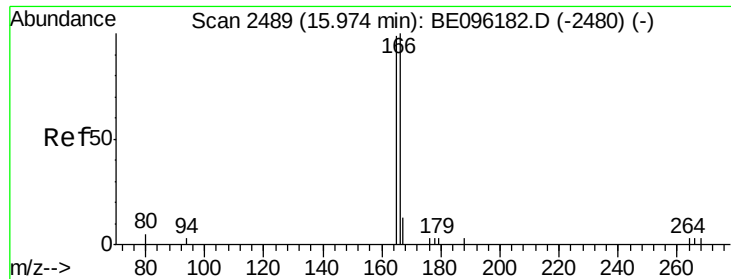
Delta R.T. -0.00 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

Tgt Ion:	153	Resp:	4057
Ion Ratio	Lower	Upper	
153	100		
152	51.5	36.0	54.0
154	82.6	72.0	108.0





#9

Fluorene

Concen: 0.799 ng/ul

RT: 15.98 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

Instrument :

BNA_E

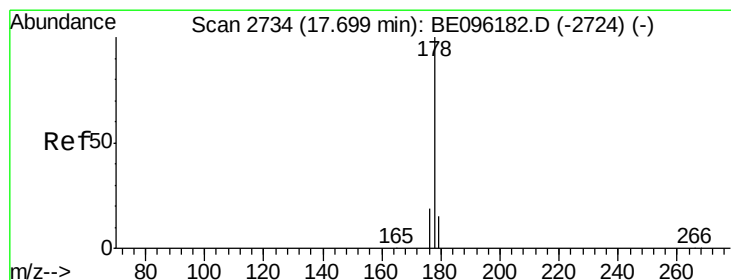
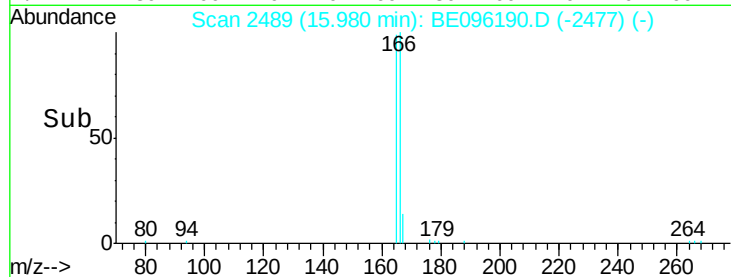
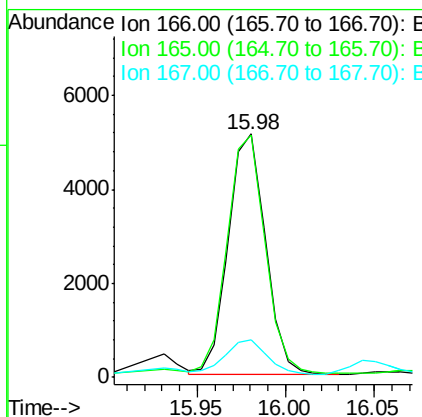
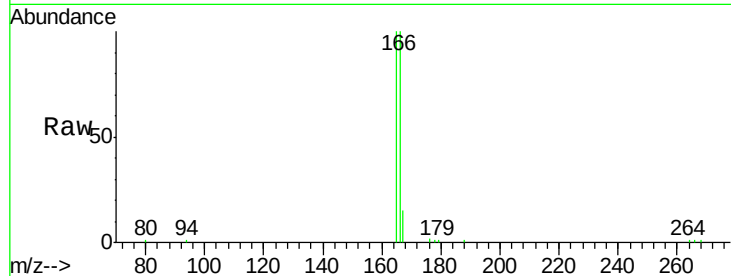
ClientSampleId :

C0AD8

Tot Ion:	166	Resp:	7415
Ion Ratio	Lower	Upper	
166	100		
165	99.8	73.4	110.2
167	15.2	14.6	22.0

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#12

Phenanthrene

Concen: 14.645 ng/ul m

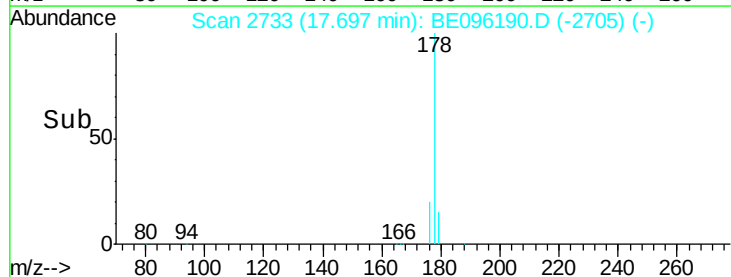
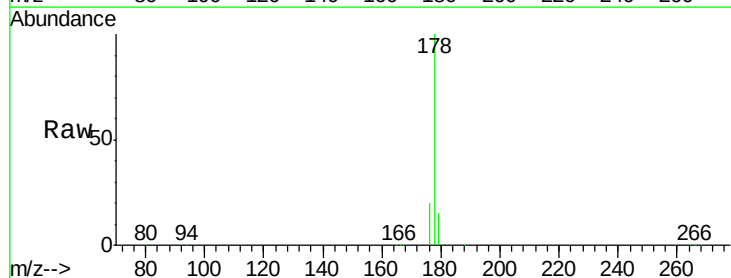
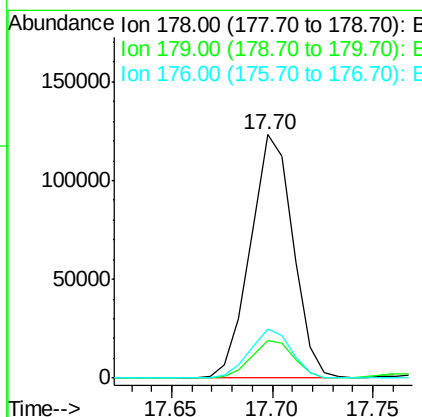
RT: 17.70 min Scan# 2733

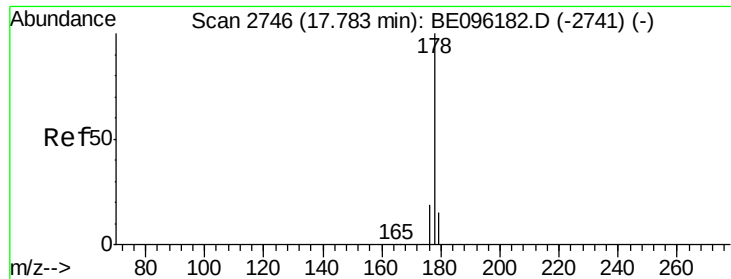
Delta R.T. -0.00 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

Tgt Ion:	178	Resp:	181094
Ion Ratio	Lower	Upper	
178	100		
179	15.3	18.4	27.6#
176	20.4	13.6	20.4





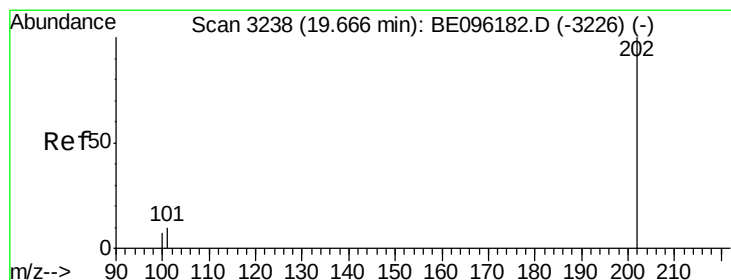
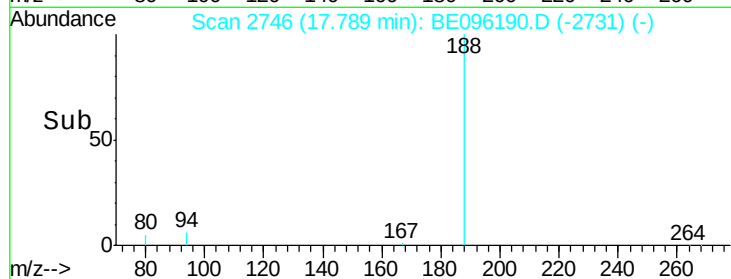
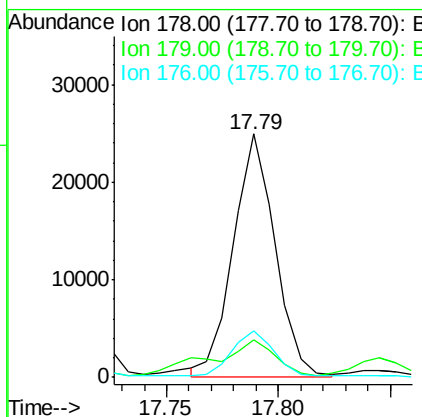
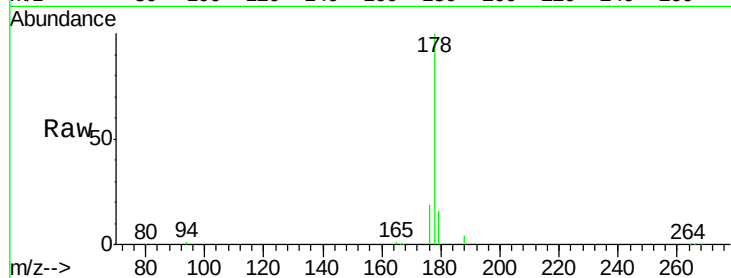
#13
 Anthracene
 Concen: 2.629 ng/ul m
 RT: 17.79 min Scan# 2746
 Delta R.T. 0.01 min
 Lab File: BE096190.D
 Acq: 26 Apr 2018 21:43

Instrument :
 BNA_E
 ClientSampleId :
 C0AD8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.1	27.1#
176	19.2	14.7	22.1

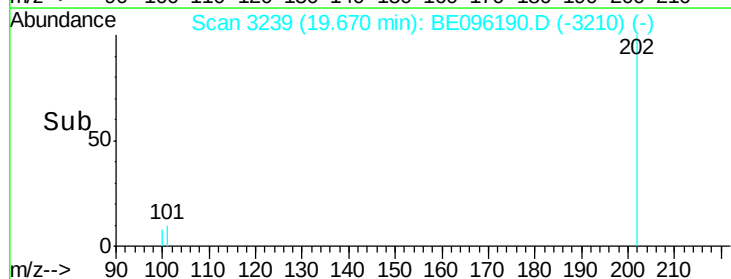
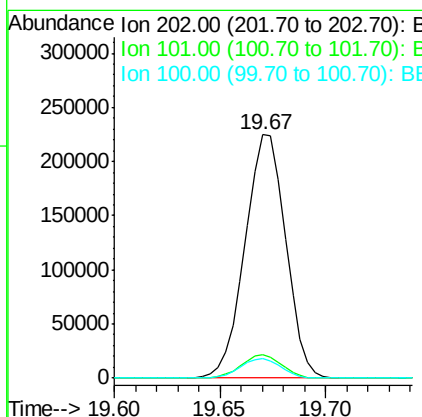
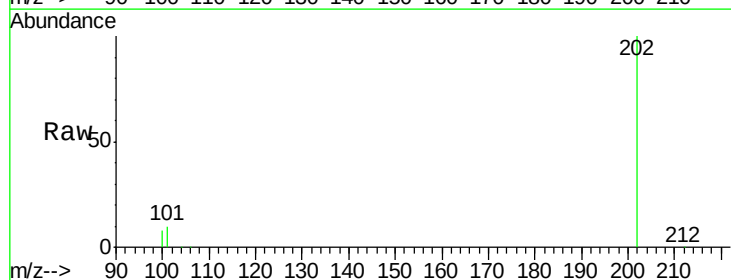
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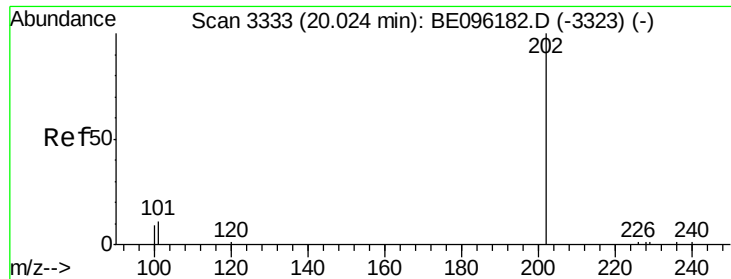
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#15
 Fluoranthene
 Concen: 15.897 ng/ul m
 RT: 19.67 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: BE096190.D
 Acq: 26 Apr 2018 21:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.3
100	8.2	0.0	39.5





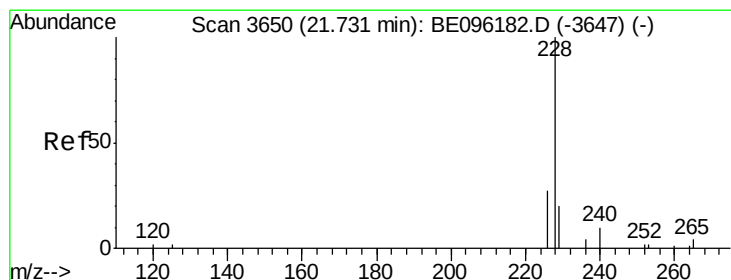
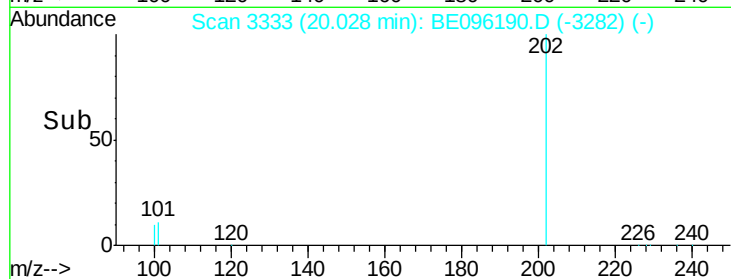
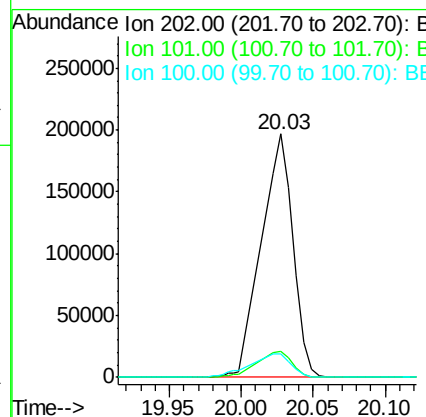
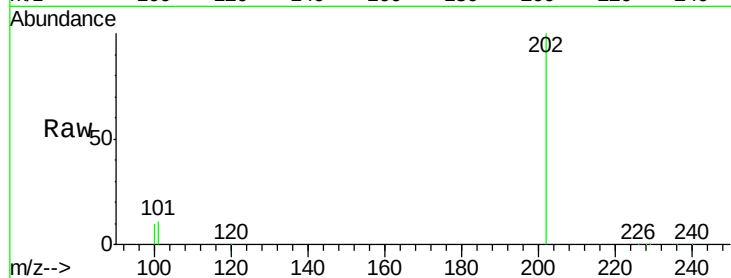
#17
Pvrene
Concen: 20.023 ng/ul
RT: 20.03 min Scan# 3333
Delta R.T. 0.00 min
Lab File: BE096190.D
Acq: 26 Apr 2018 21:43

Instrument :
BNA_E
ClientSampled :
C0AD8

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	18.2	27.4#
100	9.6	15.6	23.4#

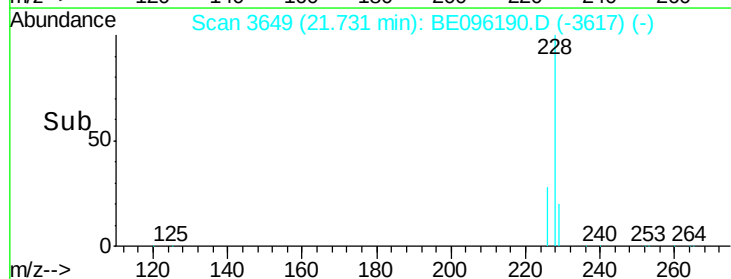
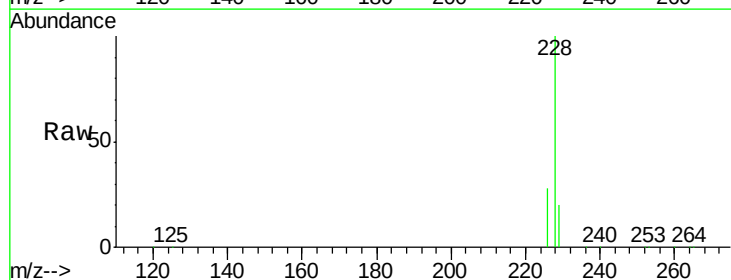
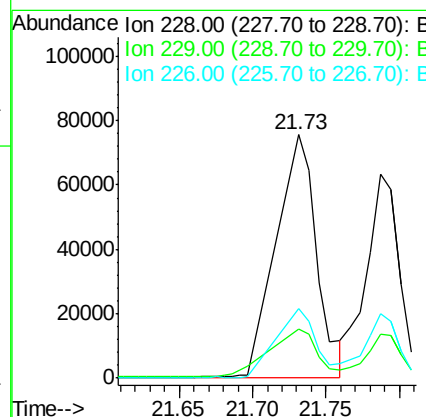
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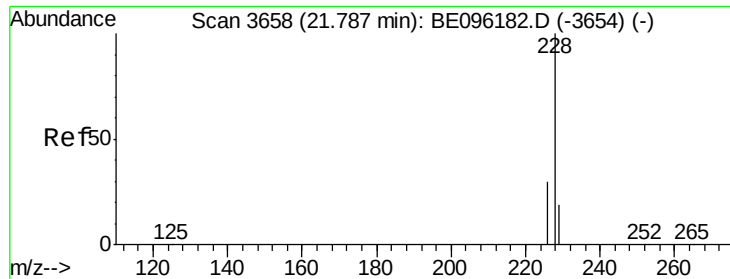
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#18
Benzo(a)anthracene
Concen: 6.137 ng/ul m
RT: 21.73 min Scan# 3649
Delta R.T. 0.00 min
Lab File: BE096190.D
Acq: 26 Apr 2018 21:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	22.8	34.2#
226	28.4	17.0	25.6#





#19

Chrysene

Concen: 6.789 ng/ul

RT: 21.79 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

Instrument :

BNA_E

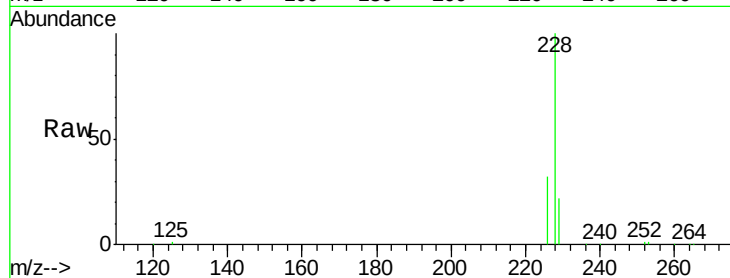
ClientSampled :

C0AD8

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	21.7	17.7	26.5

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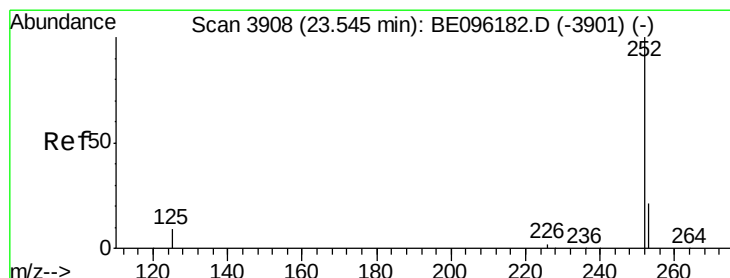
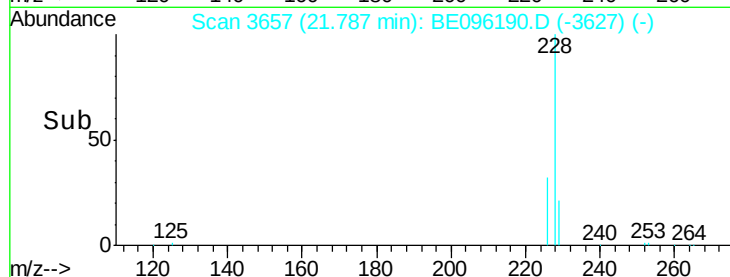
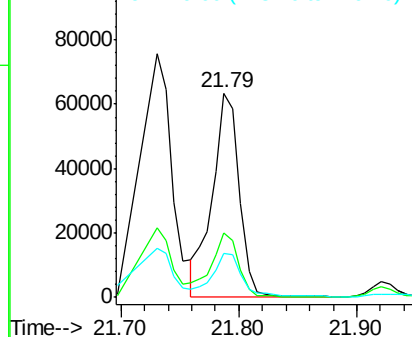


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 8.250 ng/ul m

RT: 23.55 min Scan# 3908

Delta R.T. 0.01 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

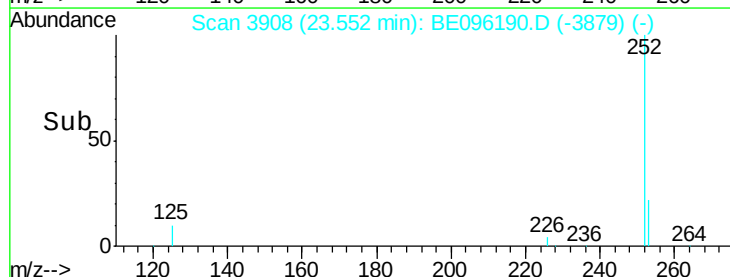
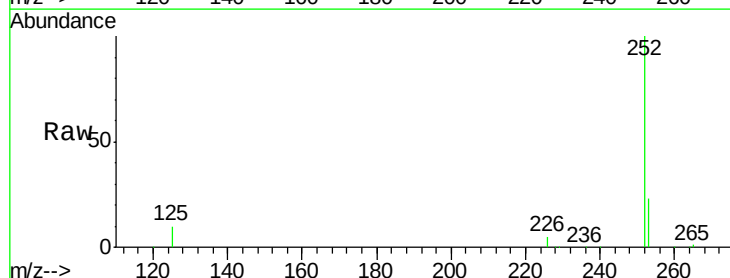
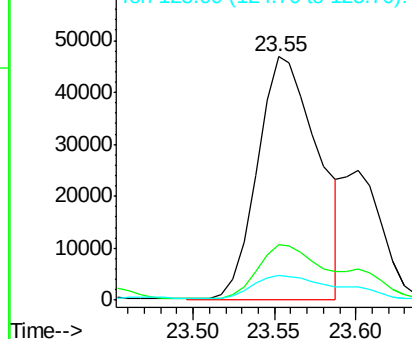
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	64.2
125	10.4	0.0	35.0

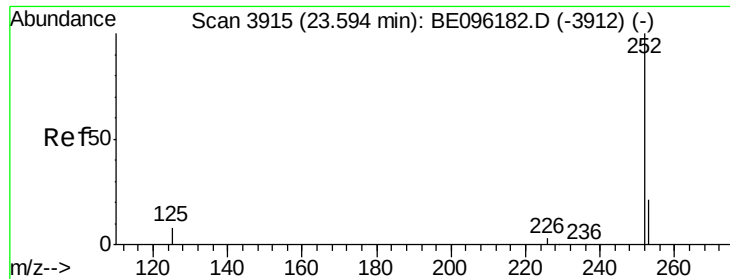
Abundance

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





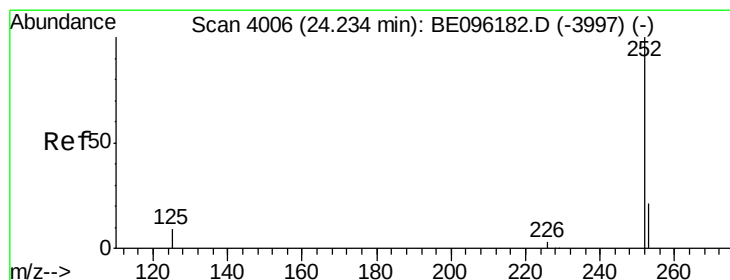
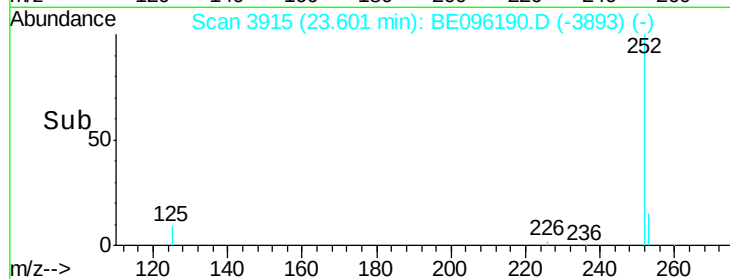
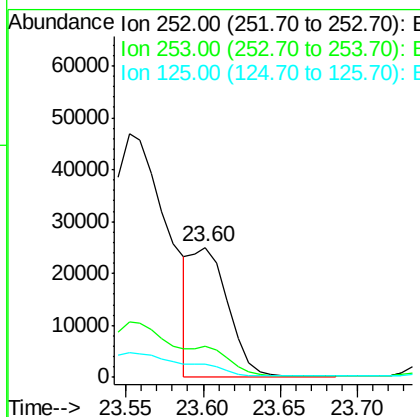
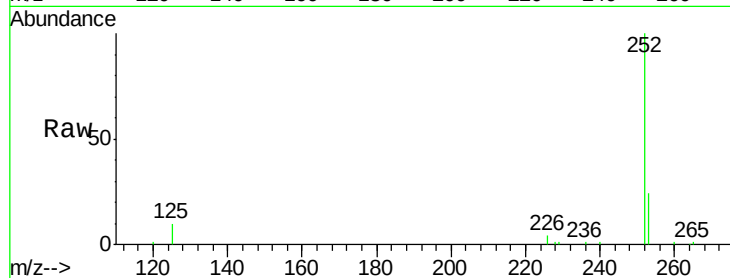
#22
Benzo(k)fluoranthene
Concen: 2.918 ng/ul m
RT: 23.60 min Scan# 3915
Delta R.T. 0.01 min
Lab File: BE096190.D
Acq: 26 Apr 2018 21:43

Instrument :
BNA_E
ClientSampleId :
C0AD8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	10.1	13.7	20.5#

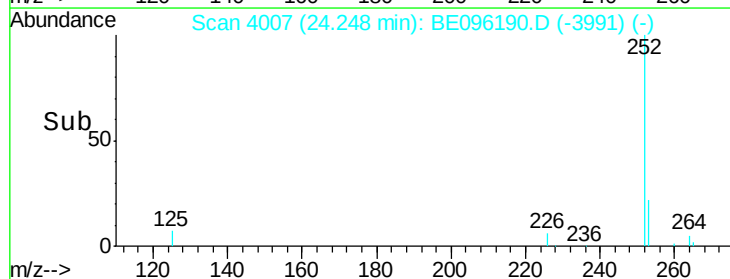
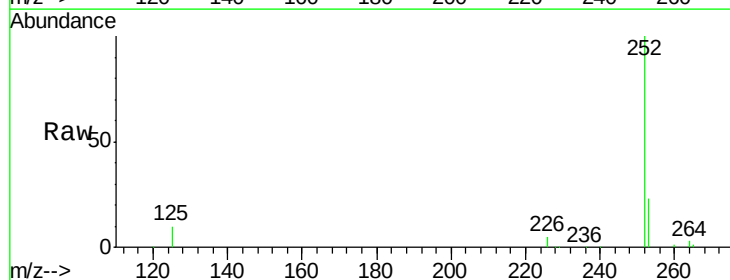
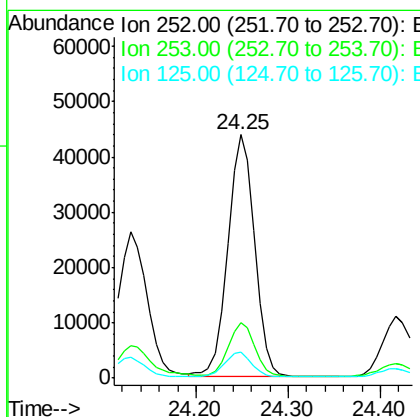
Manual Integrations
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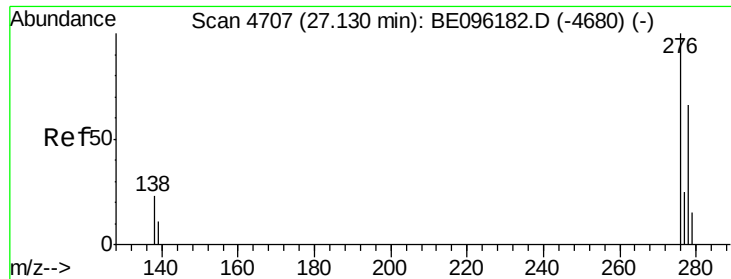
Sohil
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#23
Benzo(a)pyrene
Concen: 6.867 ng/ul
RT: 24.25 min Scan# 4007
Delta R.T. 0.01 min
Lab File: BE096190.D
Acq: 26 Apr 2018 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	10.4	18.1	27.1#





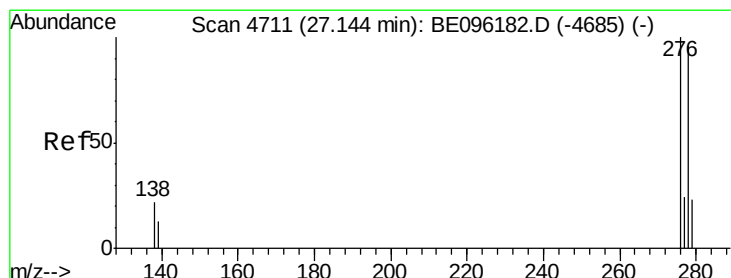
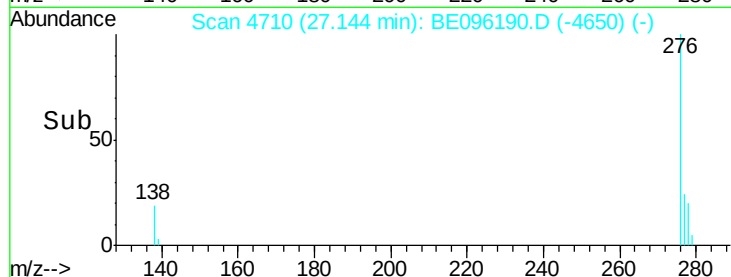
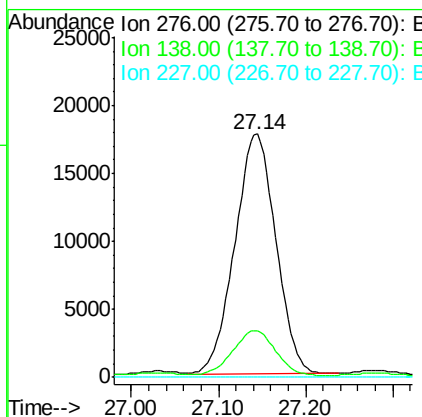
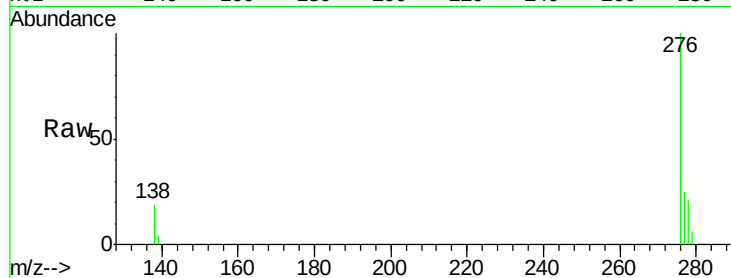
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.311 ng/ul
 RT: 27.14 min Scan# 4710
 Delta R.T. 0.01 min
 Lab File: BE096190.D
 Acq: 26 Apr 2018 21:43

Instrument :
 BNA_E
 ClientSampled :
 C0AD8

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	28.0	42.0#
227	0.0	8.0	12.0#

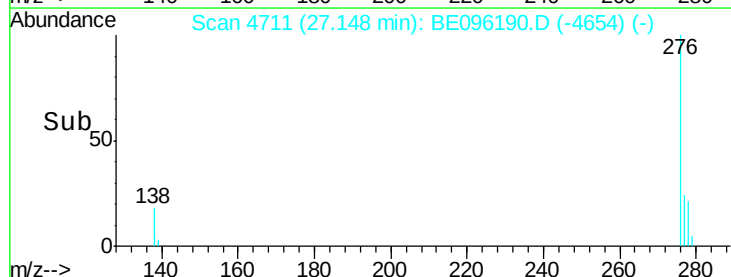
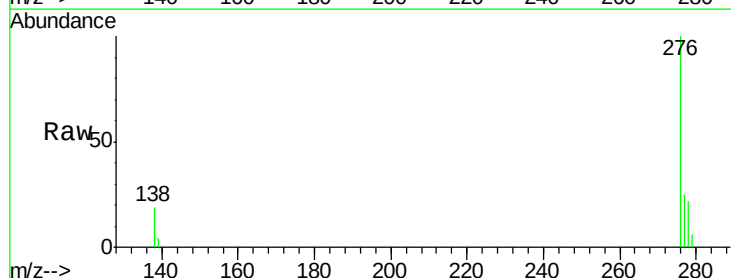
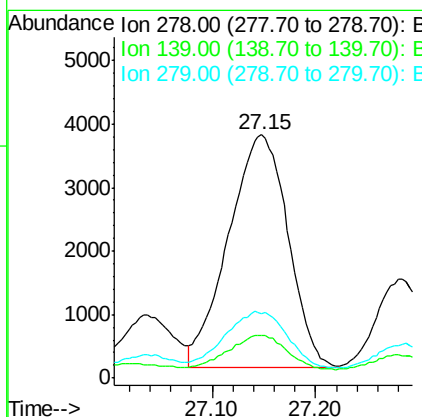
Manual Integrations
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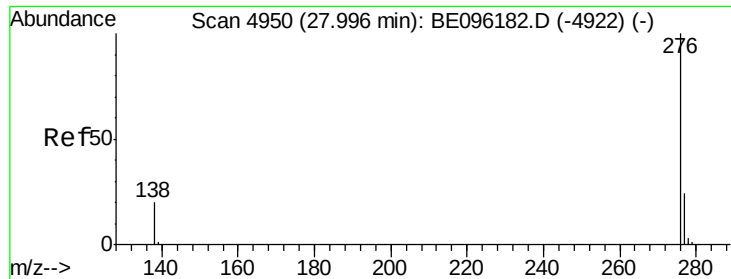
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.999 ng/ul m
 RT: 27.15 min Scan# 4711
 Delta R.T. 0.00 min
 Lab File: BE096190.D
 Acq: 26 Apr 2018 21:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	17.4	26.0#
279	26.7	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 3.321 ng/ul
 RT: 28.01 min Scan# 4952
 Delta R.T. 0.01 min
 Lab File: BE096190.D
 Acq: 26 Apr 2018 21:43

Instrument :
 BNA_E
 ClientSampleId :
 C0AD8

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	21.8	32.8#
277	24.8	20.5	30.7

Manual Integrations
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