

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096168.D
 Acq On : 26 Apr 2018 3:20
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASN9

Manual Integrations
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Quant Time: Apr 26 06:56:18 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 06:40:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	833	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3603	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2061	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.67	188	5150m	0.40	ng/ul	0.01
16) Chrysene-d12	21.77	240	6749	0.40	ng/ul	0.02
20) Perylene-d12	24.37	264	5088	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1986	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	4301	0.18	ng/ul	0.01
Target Compounds				Qvalue		
3) Naphthalene	11.23	128	23004	2.293	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	93397	13.895	ng/ul	100
7) Acenaphthylene	14.68	152	43707	4.114	ng/ul#	89
8) Acenaphthene	15.02	153	739095	96.481	ng/ul	92
9) Fluorene	16.00	166	2079821	205.193	ng/ul#	91
12) Phenanthrene	17.77	178	12363058	815.360	ng/ul#	87
13) Anthracene	17.82	178	2164892m	142.314	ng/ul	
15) Fluoranthene	19.71	202	8166105	352.340	ng/ul	84
17) Pyrene	20.06	202	5898984	435.685	ng/ul#	79
18) Benzo(a)anthracene	21.75	228	1700873	83.243	ng/ul#	85
19) Chrysene	21.81	228	1274461	67.878	ng/ul	96
21) Benzo(b)fluoranthene	23.57	252	902596m	46.850	ng/ul	
22) Benzo(k)fluoranthene	23.61	252	357081m	19.388	ng/ul	
23) Benzo(a)pyrene	24.27	252	624780	37.329	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	27.15	276	220323	9.770	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.15	278	63627m	3.370	ng/ul	
26) Benzo(g,h,i)perylene	28.02	276	160372	8.170	ng/ul#	91

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

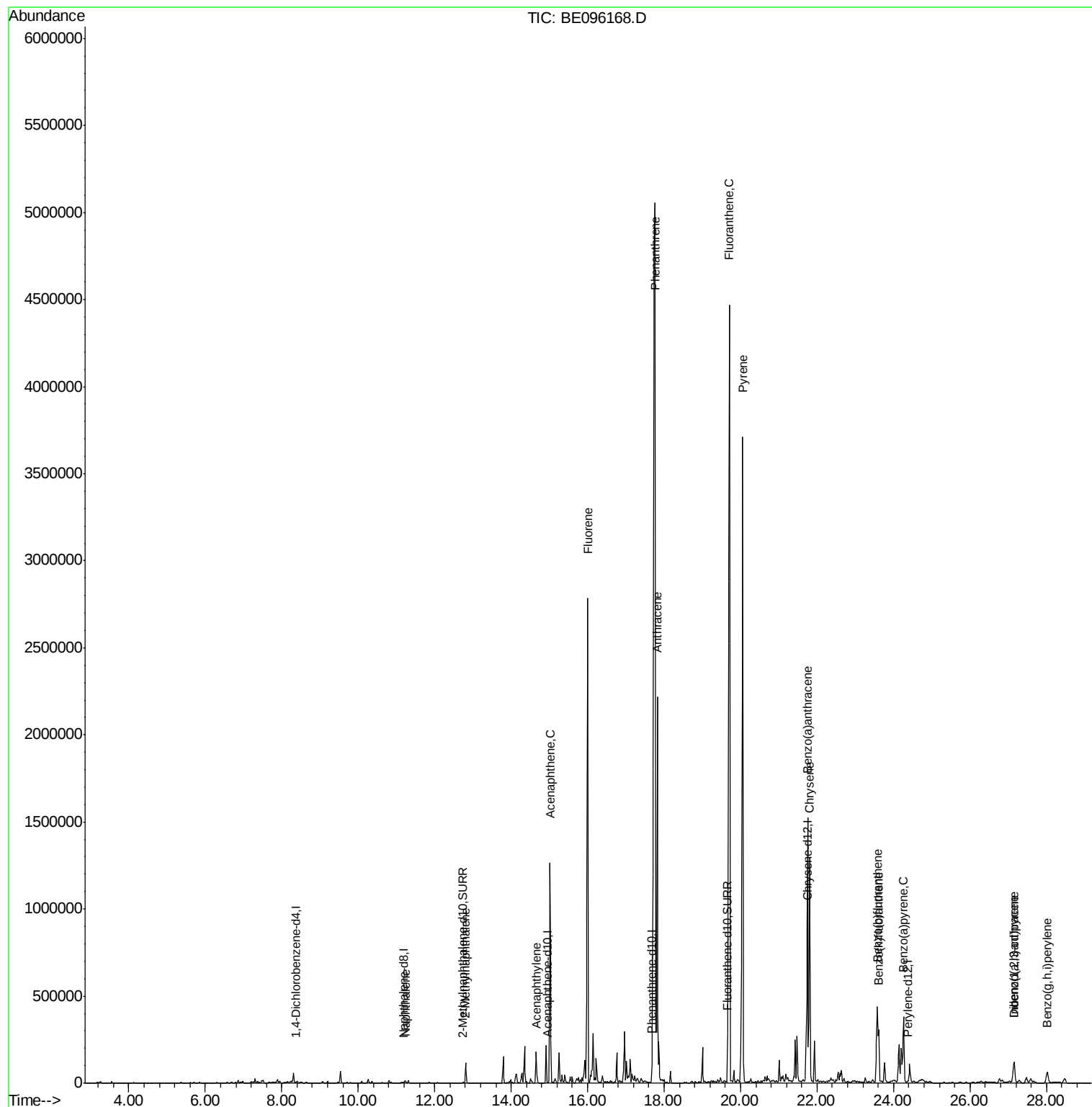
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
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ALS Vial : 27 Sample Multiplier: 1

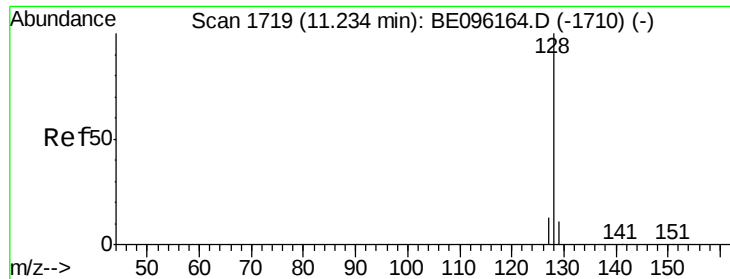
Instrument :
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Quant Time: Apr 26 06:56:18 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
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QLast Update : Thu Apr 26 06:40:54 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.293 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BE096168.D

Acq: 26 Apr 2018 3:20

Instrument :

BNA_E

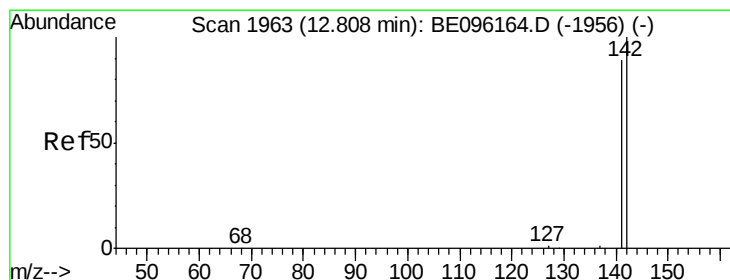
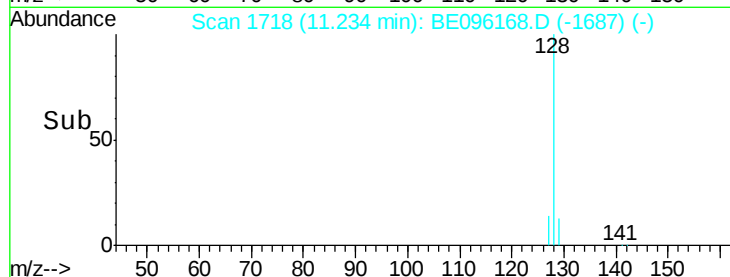
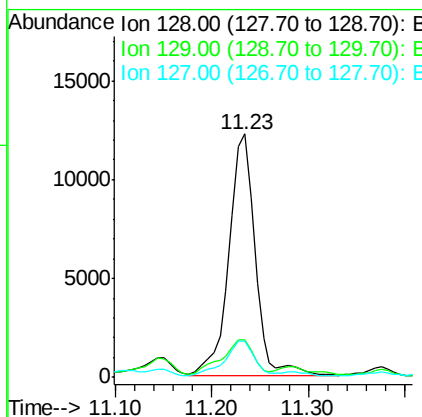
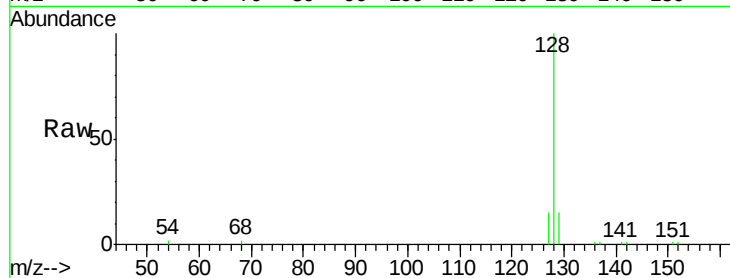
ClientSampleId :

DASN9

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.4	11.3	16.9
127	15.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 13.895 ng/ul

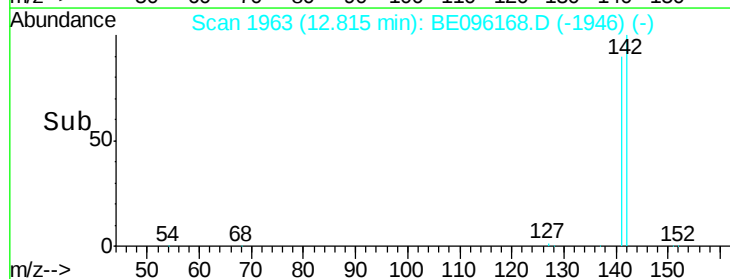
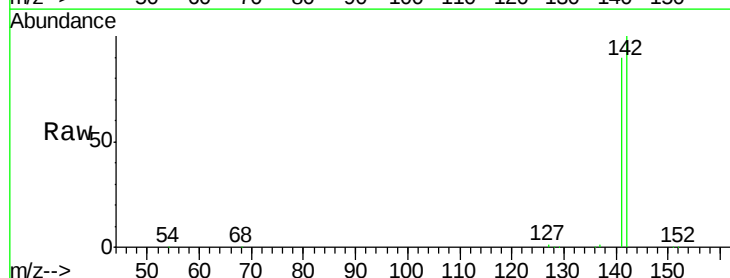
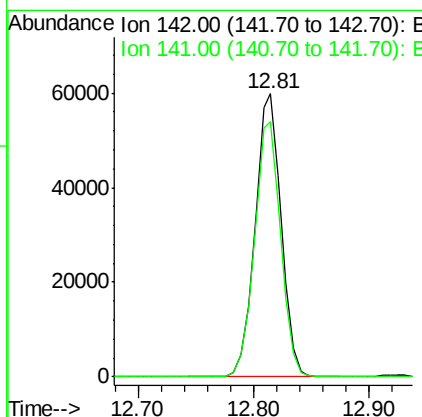
RT: 12.81 min Scan# 1963

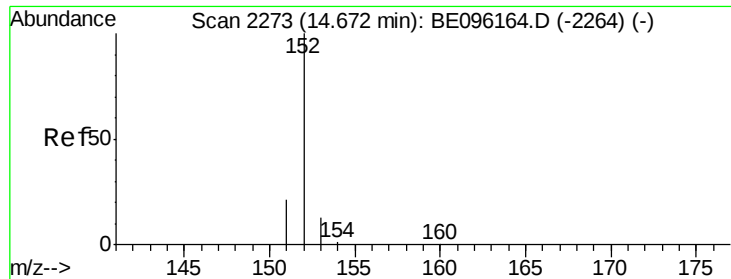
Delta R.T. 0.01 min

Lab File: BE096168.D

Acq: 26 Apr 2018 3:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8





#7

Acenaphthylene

Concen: 4.114 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BE096168.D

Acq: 26 Apr 2018 3:20

Instrument :

BNA_E

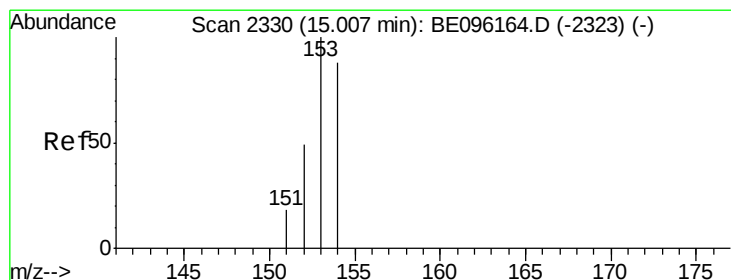
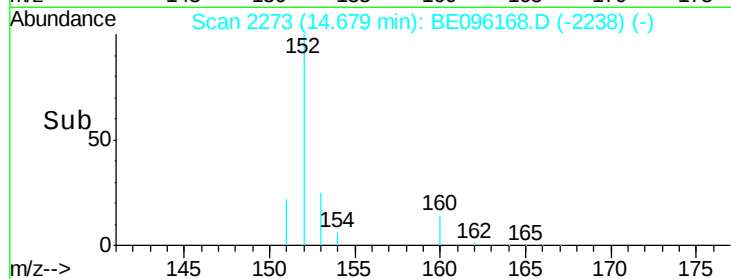
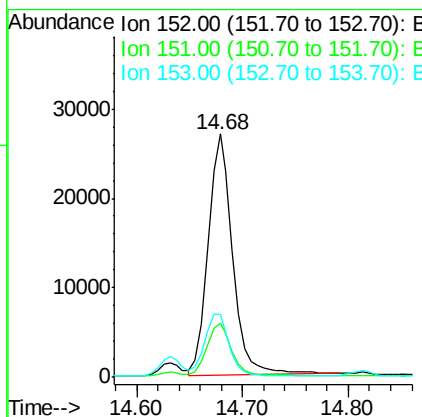
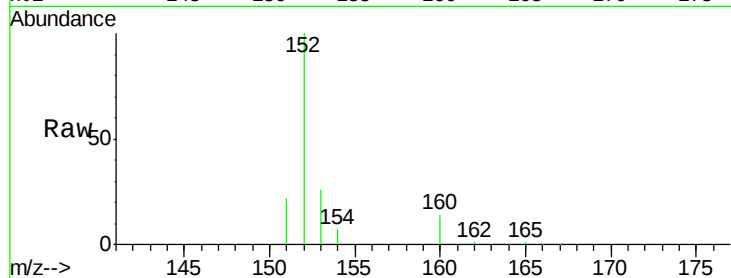
ClientSampleId :

DASN9

Tgt Ion:	152	Resp:	43707
Ion Ratio		Lower	Upper
152	100		
151	22.2	17.1	25.7
153	25.8	12.8	19.2

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#8

Acenaphthene

Concen: 96.481 ng/ul

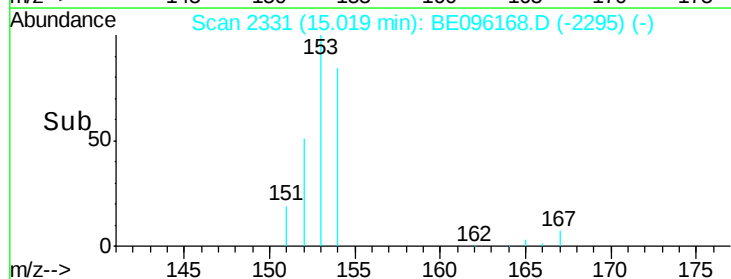
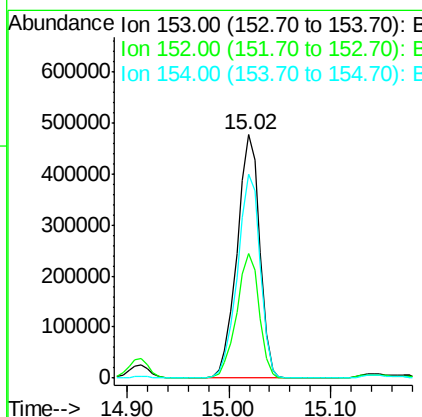
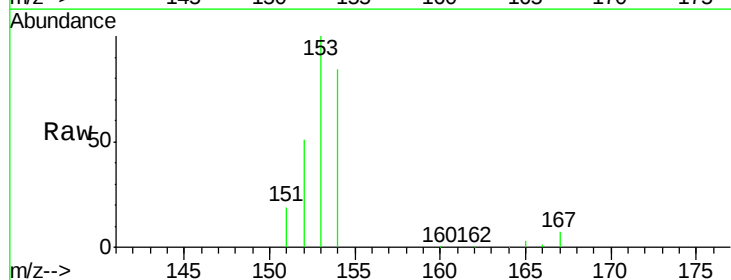
RT: 15.02 min Scan# 2331

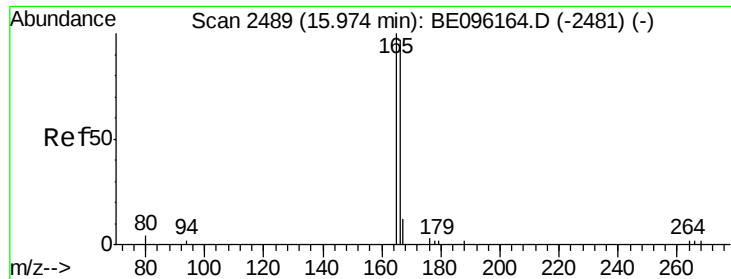
Delta R.T. 0.01 min

Lab File: BE096168.D

Acq: 26 Apr 2018 3:20

Tgt Ion:	153	Resp:	739095
Ion Ratio		Lower	Upper
153	100		
152	51.0	36.0	54.0
154	83.7	72.0	108.0





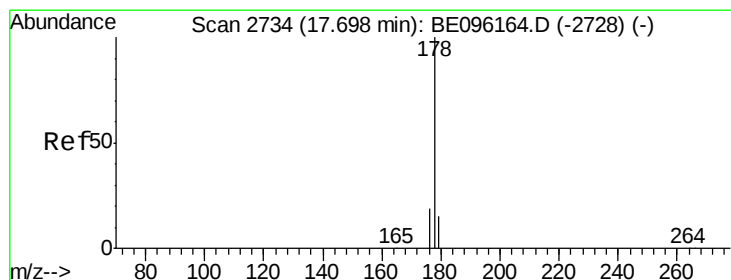
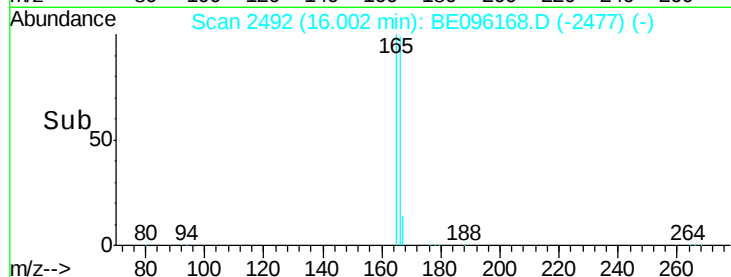
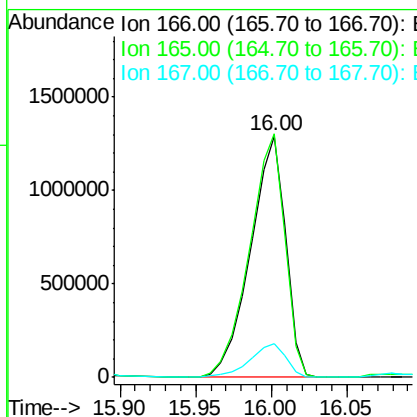
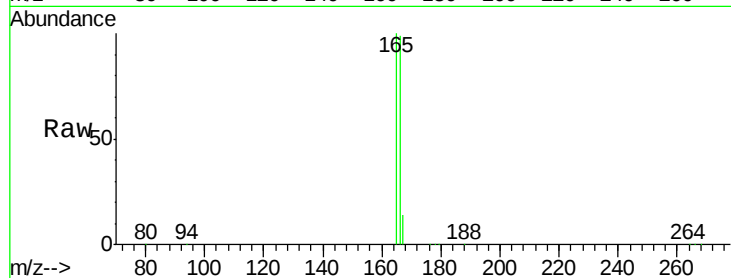
#9
Fluorene
 Concen: 205.193 ng/ul
 RT: 16.00 min Scan# 2492
 Delta R.T. 0.03 min
 Lab File: BE096168.D
 Acq: 26 Apr 2018 3:20

Instrument :
 BNA_E
 ClientSampleId :
 DASN9

Tgt Ion:166 Resp: 2079821
 Ion Ratio Lower Upper
 166 100
 165 100.8 73.4 110.2
 167 14.2 14.6 22.0#

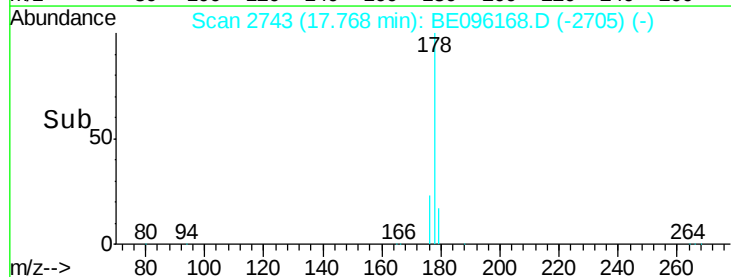
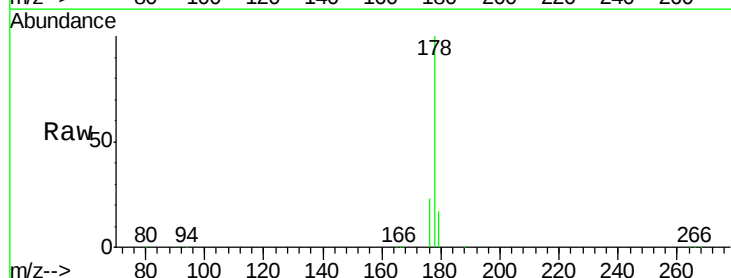
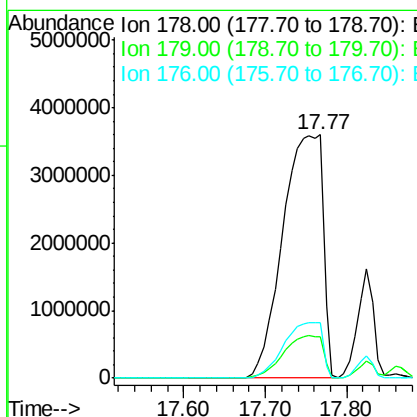
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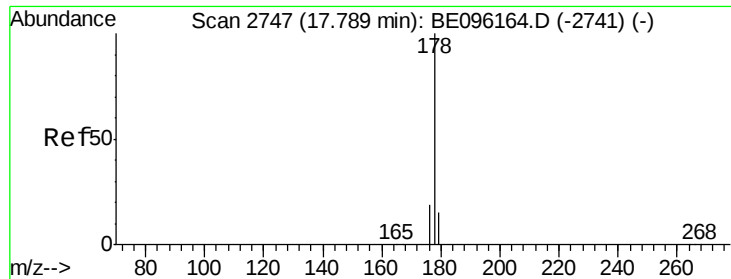
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#12
Phenanthrene
 Concen: 815.360 ng/ul
 RT: 17.77 min Scan# 2743
 Delta R.T. 0.07 min
 Lab File: BE096168.D
 Acq: 26 Apr 2018 3:20

Tgt Ion:178 Resp:12363058
 Ion Ratio Lower Upper
 178 100
 179 17.1 18.4 27.6#
 176 22.9 13.6 20.4#





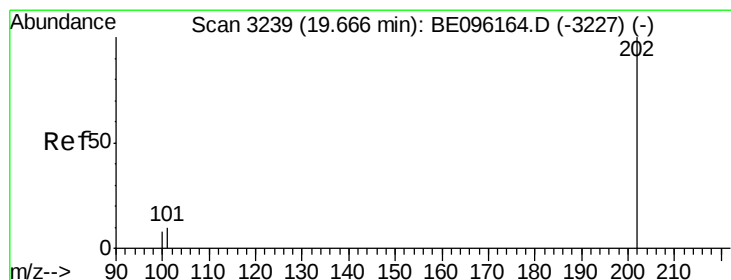
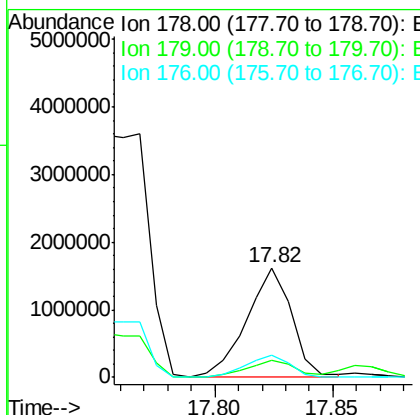
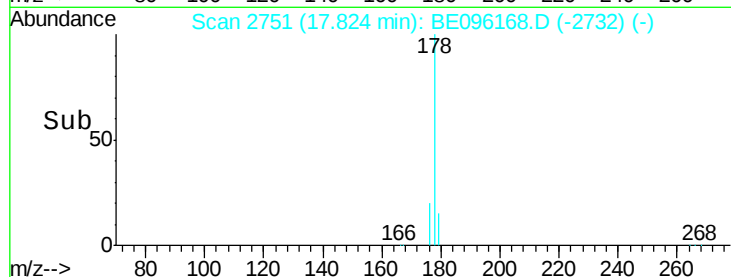
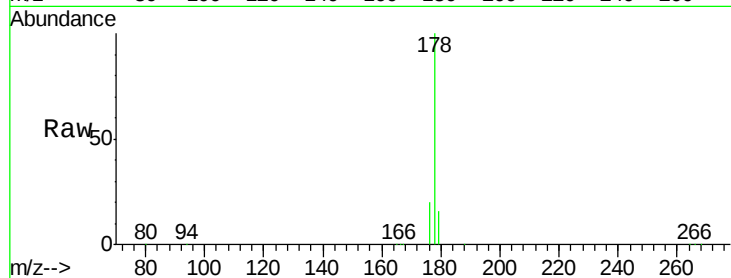
#13
 Anthracene
 Concen: 142.314 ng/ul m
 RT: 17.82 min Scan# 2751
 Delta R.T. 0.04 min
 Lab File: BE096168.D
 Acq: 26 Apr 2018 3:20

Instrument :
 BNA_E
 ClientSampled :
 DASN9

Tgt Ion:178 Resp: 2164892
 Ion Ratio Lower Upper
 178 100
 179 15.9 18.1 27.1#
 176 20.4 14.7 22.1

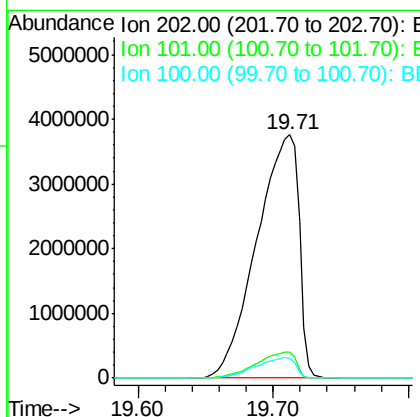
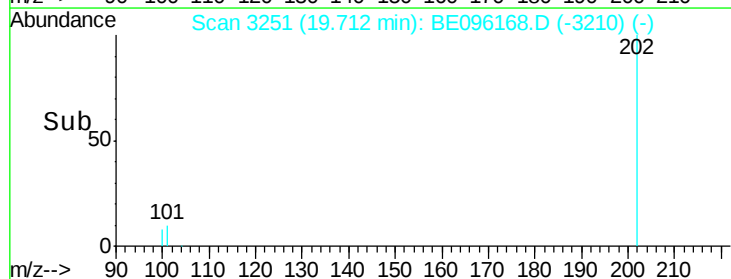
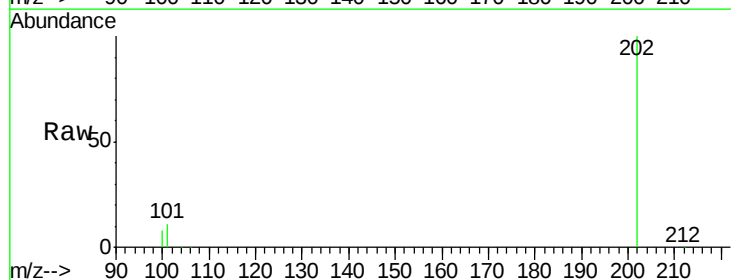
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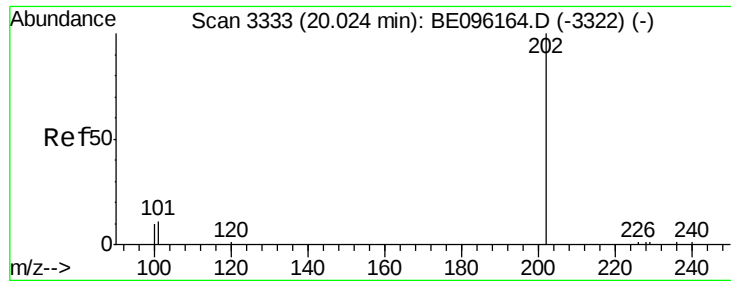
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#15
 Fluoranthene
 Concen: 352.340 ng/ul
 RT: 19.71 min Scan# 3251
 Delta R.T. 0.05 min
 Lab File: BE096168.D
 Acq: 26 Apr 2018 3:20

Tgt Ion:202 Resp: 8166105
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 30.3
 100 8.2 0.0 39.5





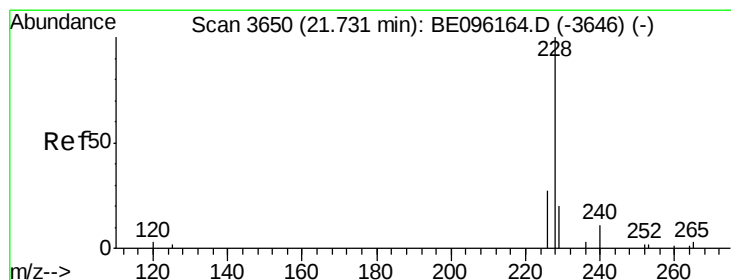
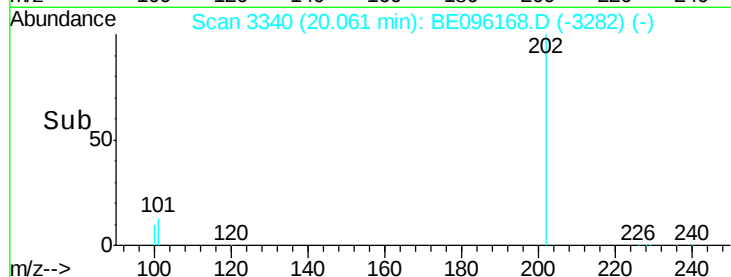
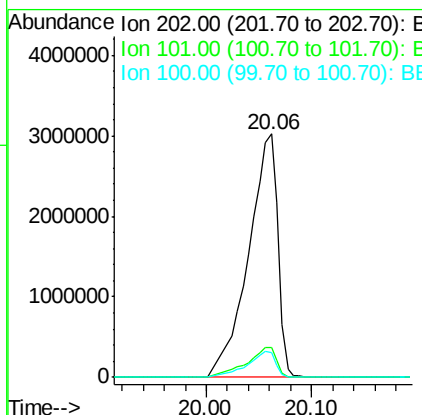
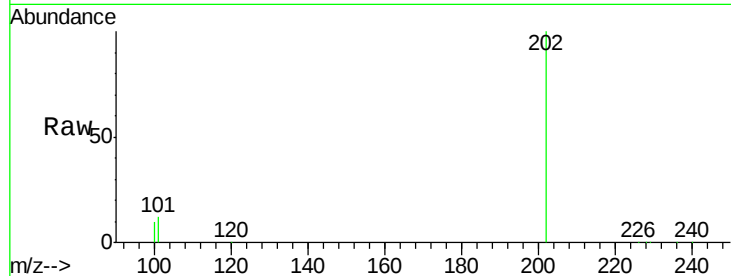
#17
 Pyrene
 Concen: 435.685 ng/ul
 RT: 20.06 min Scan# 3340
 Delta R.T. 0.04 min
 Lab File: BE096168.D
 Acq: 26 Apr 2018 3:20

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 BNA_E
 ClientSampleId :
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Tgt Ion:202 Resp: 5898984
 Ion Ratio Lower Upper
 202 100
 101 12.5 18.2 27.4#
 100 10.1 15.6 23.4#

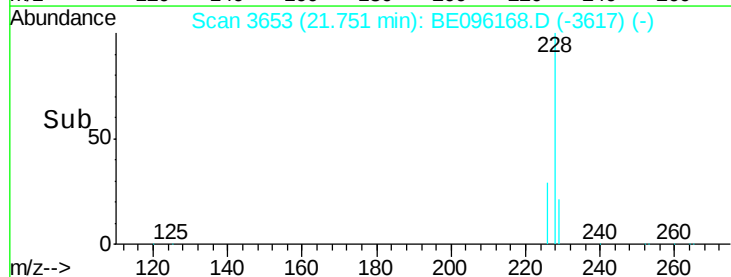
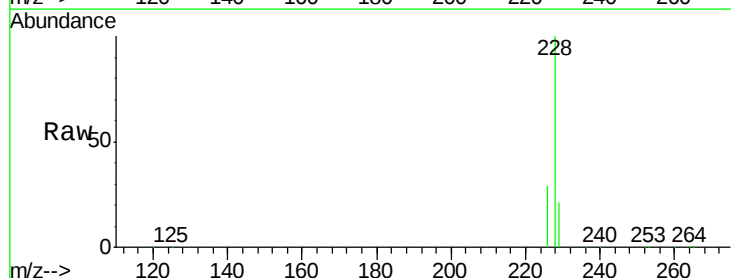
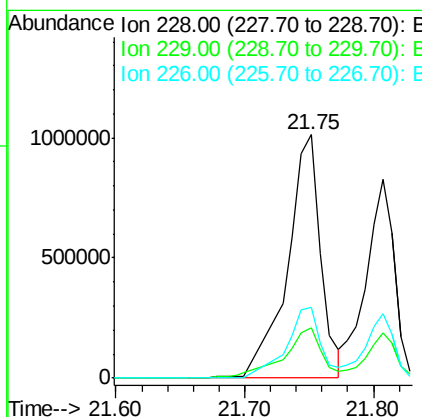
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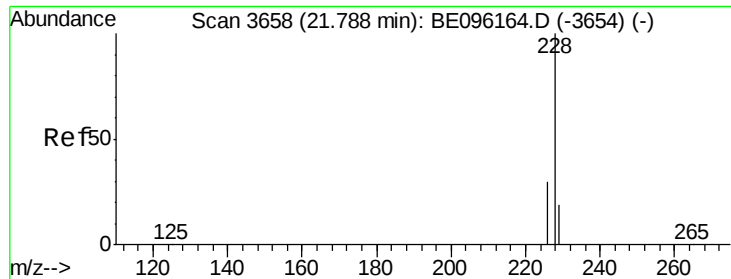
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#18
 Benzo(a)anthracene
 Concen: 83.243 ng/ul
 RT: 21.75 min Scan# 3653
 Delta R.T. 0.02 min
 Lab File: BE096168.D
 Acq: 26 Apr 2018 3:20

Tgt Ion:228 Resp: 1700873
 Ion Ratio Lower Upper
 228 100
 229 20.8 22.8 34.2#
 226 29.0 17.0 25.6#





#19

Chrysene

Concen: 67.878 ng/ul

RT: 21.81 min Scan# 3661

Delta R.T. 0.02 min

Lab File: BE096168.D

Acq: 26 Apr 2018 3:20

Instrument :

BNA_E

ClientSampled :

DASN9

Tgt Ion:228 Resp: 1274461

Ion Ratio Lower Upper

228 100

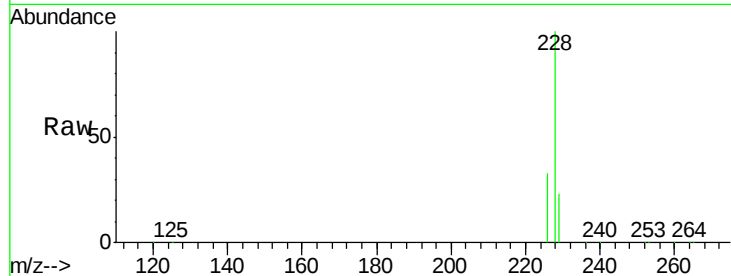
226 32.5 23.4 35.0

229 22.7 17.7 26.5

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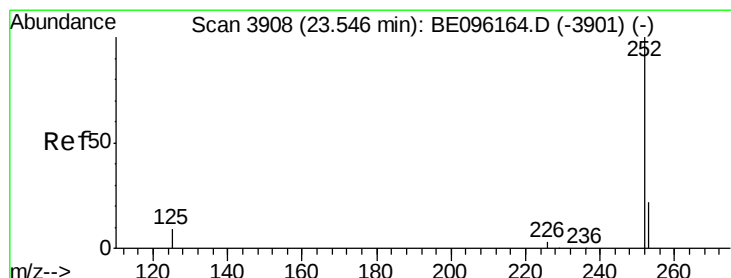
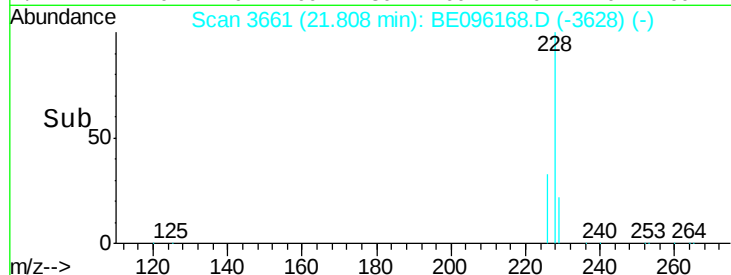
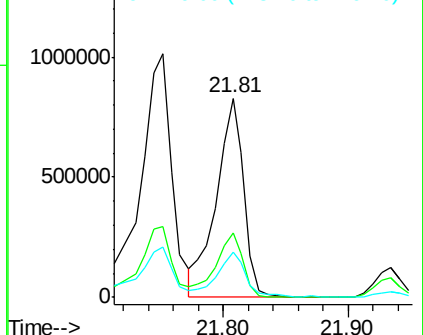
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 46.850 ng/ul m

RT: 23.57 min Scan# 3912

Delta R.T. 0.03 min

Lab File: BE096168.D

Acq: 26 Apr 2018 3:20

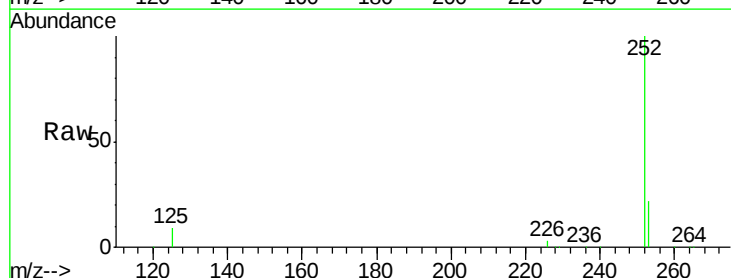
Tgt Ion:252 Resp: 902596

Ion Ratio Lower Upper

252 100

253 22.5 0.0 64.2

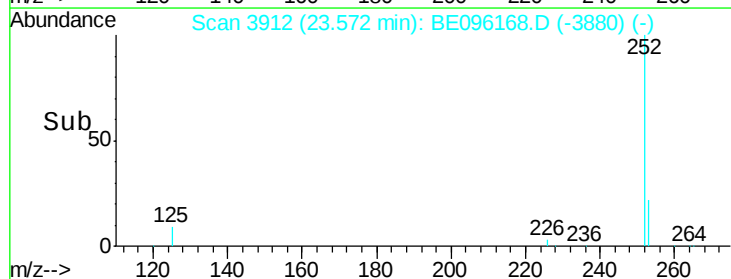
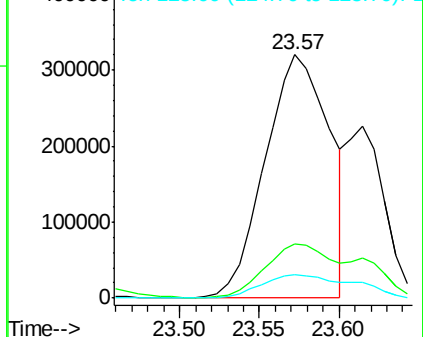
125 9.5 0.0 35.0

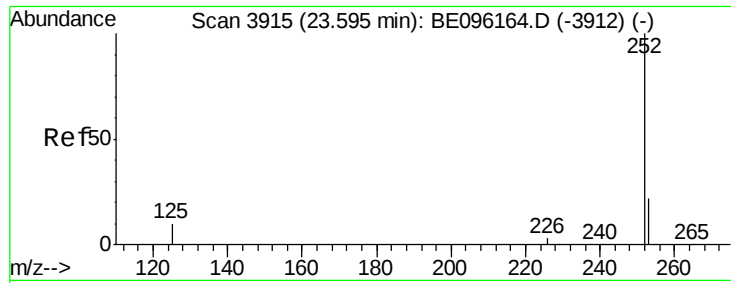


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





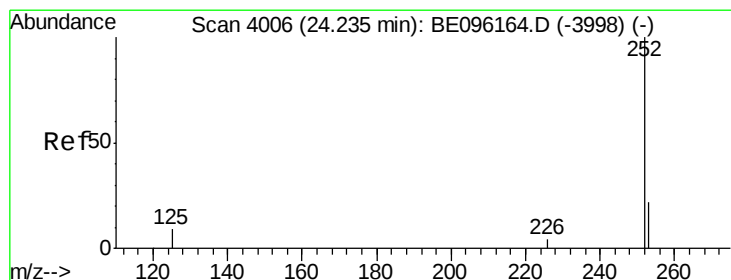
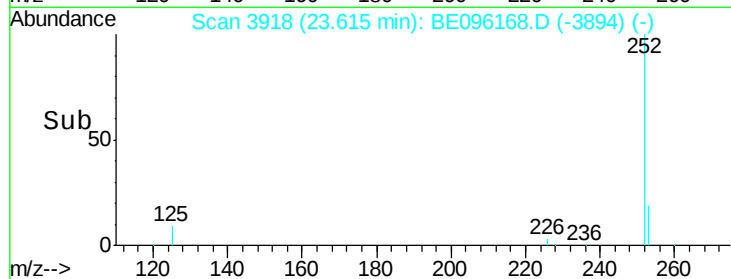
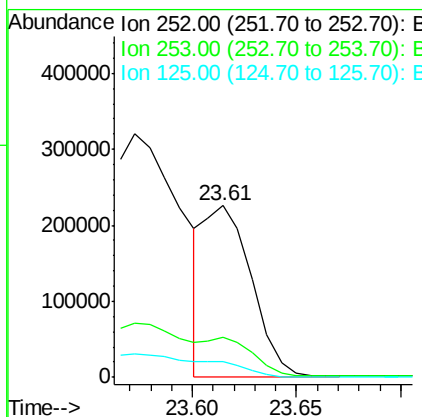
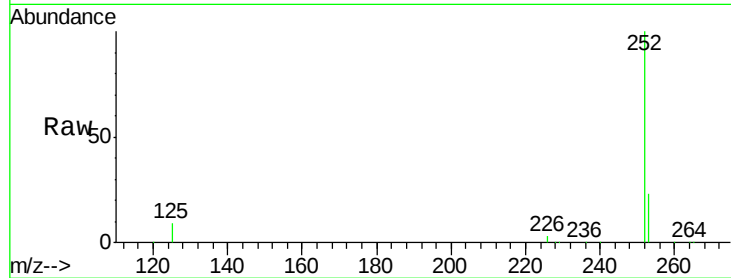
#22
Benzo(k)fluoranthene
Concen: 19.388 ng/ul m
RT: 23.61 min Scan# 3918
Delta R.T. 0.02 min
Lab File: BE096168.D
Acq: 26 Apr 2018 3:20

Instrument :
BNA_E
ClientSampleId :
DASN9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	24.5	36.7#
125	8.9	13.7	20.5#

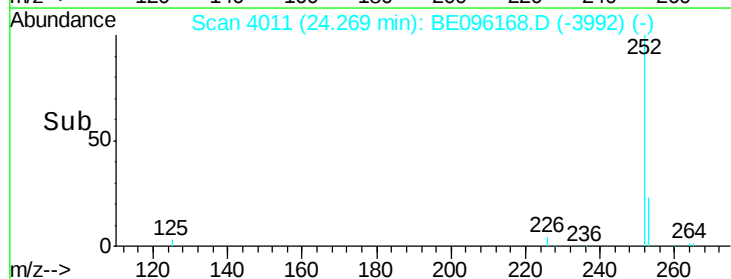
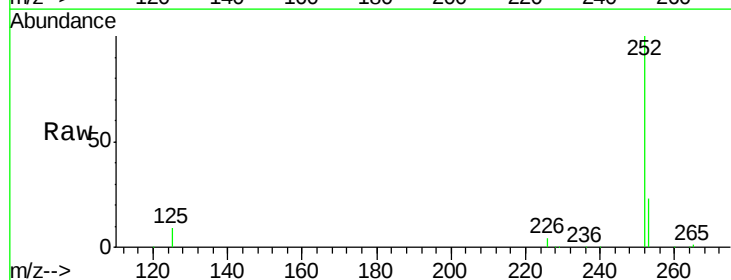
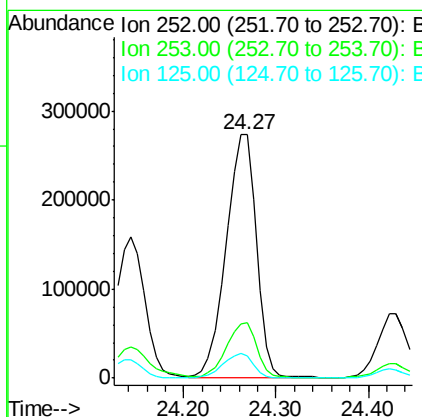
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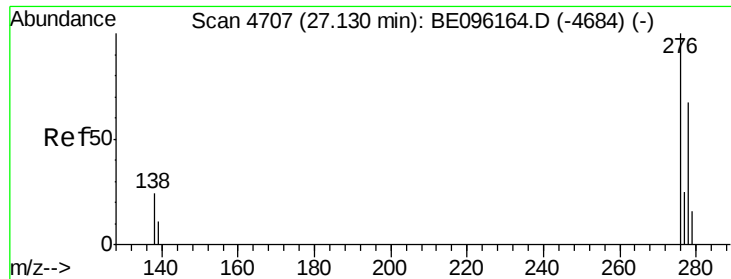
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#23
Benzo(a)pyrene
Concen: 37.329 ng/ul
RT: 24.27 min Scan# 4011
Delta R.T. 0.03 min
Lab File: BE096168.D
Acq: 26 Apr 2018 3:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	28.5	42.7#
125	8.9	18.1	27.1#





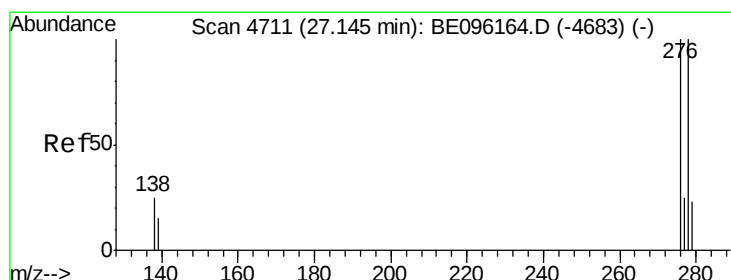
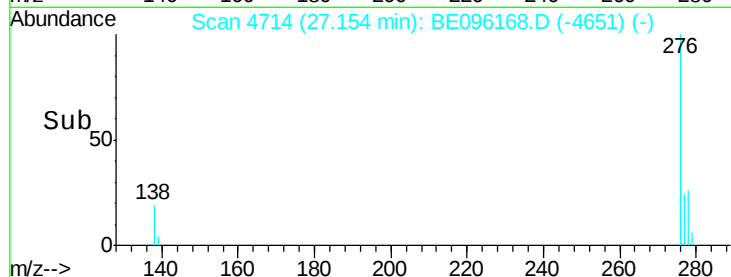
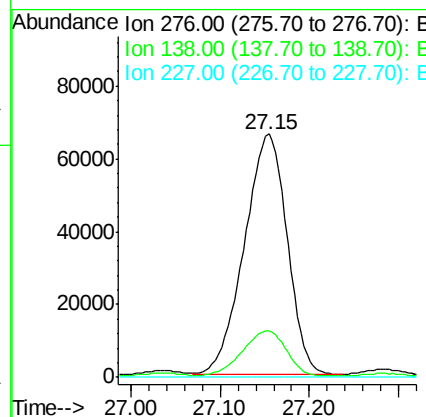
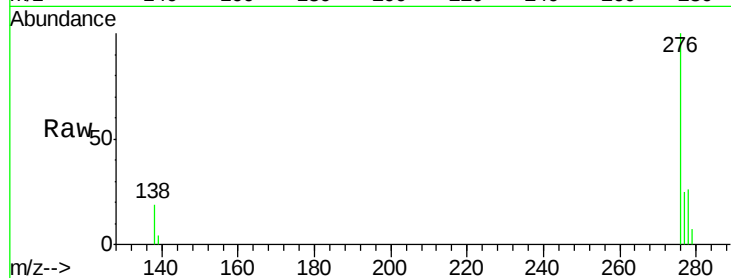
#24
Indeno(1,2,3-cd)pyrene
Concen: 9.770 ng/ul
RT: 27.15 min Scan# 4714
Delta R.T. 0.02 min
Lab File: BE096168.D
Acq: 26 Apr 2018 3:20

Instrument :
BNA_E
ClientSampleId :
DASN9

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.6	28.0	42.0#
227	0.0	8.0	12.0#

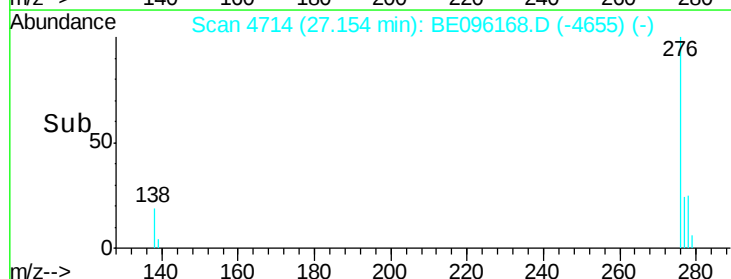
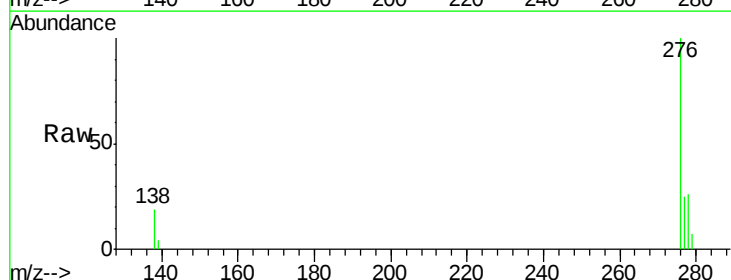
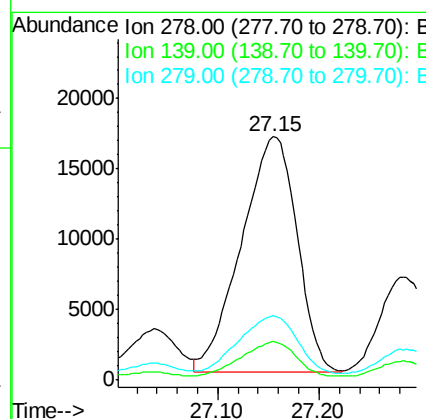
Manual Integrations
APPROVED

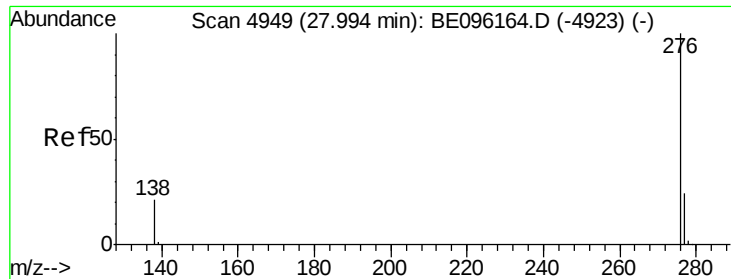
Sohil
4/26/2018 6:20:26 PM



#25
Dibenzo(a,h)anthracene
Concen: 3.370 ng/ul m
RT: 27.15 min Scan# 4714
Delta R.T. 0.01 min
Lab File: BE096168.D
Acq: 26 Apr 2018 3:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.7	17.4	26.0#
279	26.3	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 8.170 ng/ul

RT: 28.02 min Scan# 4957

Delta R.T. 0.03 min

Lab File: BE096168.D

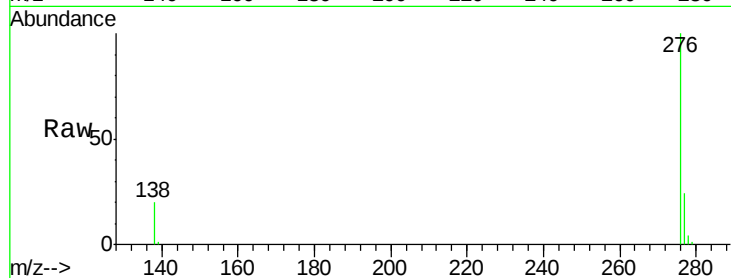
Acq: 26 Apr 2018 3:20

Instrument :

BNA_E

ClientSampleId :

DASN9



Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	21.8	32.8#
277	24.1	20.5	30.7

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:26 PM

