

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096166.D
 Acq On : 26 Apr 2018 2:05
 Operator : SJ/JU
 Sample : J2431-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP3

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Quant Time: Apr 26 15:21:33 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	914	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3805	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2338	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	5710	0.40	ng/ul	0.02
16) Chrysene-d12	21.77	240	5443	0.40	ng/ul	0.03
20) Perylene-d12	24.38	264	6262	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1510	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	3825m	0.15	ng/ul	0.02
Target Compounds					Qvalue	
3) Naphthalene	11.23	128	22263	2.101	ng/ul#	92
5) 2-Methylnaphthalene	12.81	142	36562	5.151	ng/ul	100
7) Acenaphthylene	14.68	152	76450	6.343	ng/ul	99
8) Acenaphthene	15.01	153	282613	32.521	ng/ul	91
9) Fluorene	15.99	166	992558	86.323	ng/ul#	89
12) Phenanthrene	17.75	178	13240081	787.563	ng/ul#	88
13) Anthracene	17.83	178	3788313	224.609	ng/ul#	91
15) Fluoranthene	19.72	202	14388525	559.932	ng/ul	84
17) Pyrene	20.08	202	12113656	1109.359	ng/ul#	80
18) Benzo(a)anthracene	21.76	228	4856128	294.691	ng/ul#	82
19) Chrysene	21.82	228	2734032	180.555	ng/ul	95
21) Benzo(b)fluoranthene	23.59	252	2080957m	87.763	ng/ul	
22) Benzo(k)fluoranthene	23.63	252	792964m	34.983	ng/ul	
23) Benzo(a)pyrene	24.28	252	1344783	65.283	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	27.17	276	511508	18.429	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.17	278	150401m	6.472	ng/ul	
26) Benzo(g,h,i)perylene	28.04	276	410231	16.980	ng/ul#	91

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

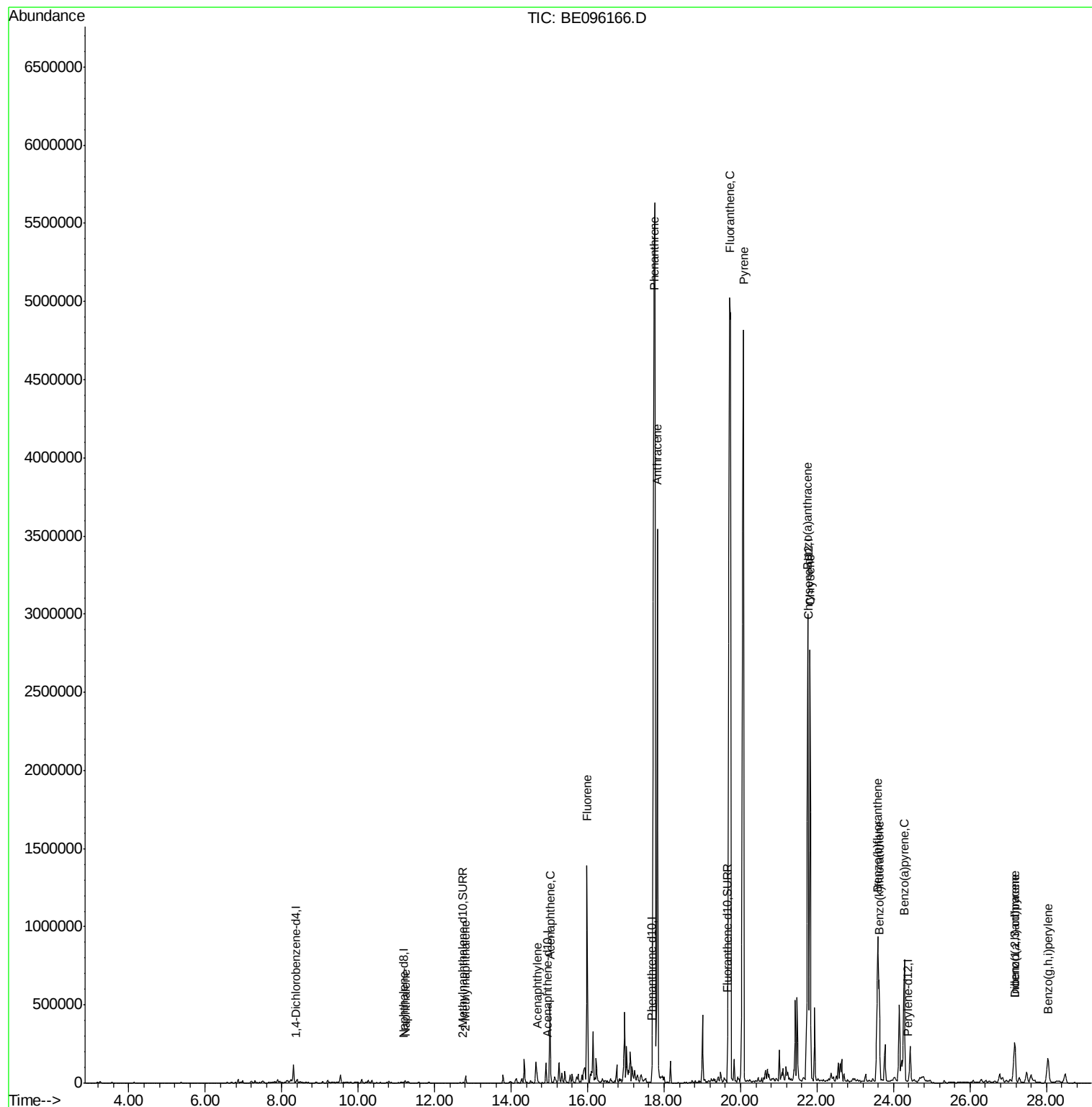
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
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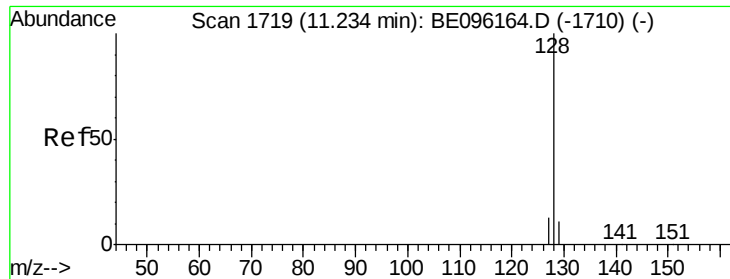
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
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#3

Naphthalene

Concen: 2.101 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BE096166.D

Acq: 26 Apr 2018 2:05

Instrument :

BNA_E

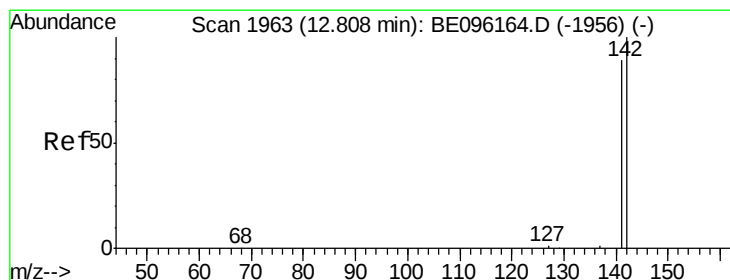
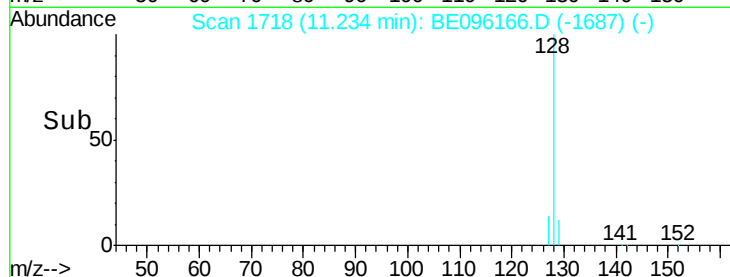
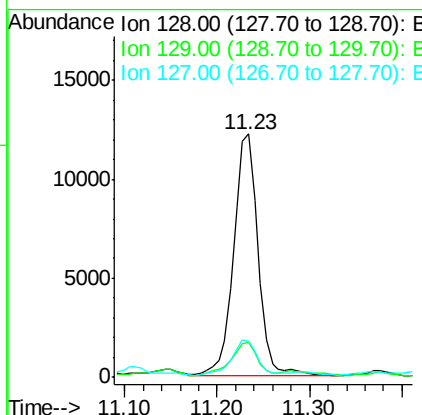
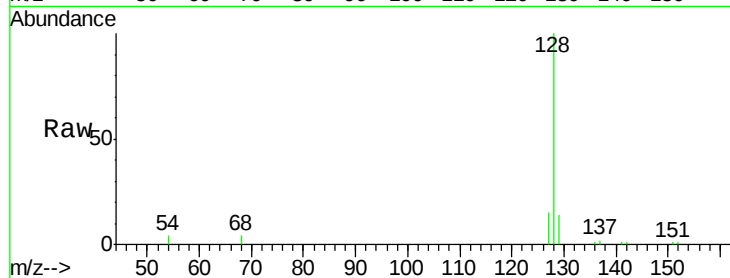
ClientSampleId :

DASP3

Tgt Ion:	128	Resp:	22263
Ion Ratio	Lower	Upper	
128	100		
129	14.2	11.3	16.9
127	15.1	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 5.151 ng/ul

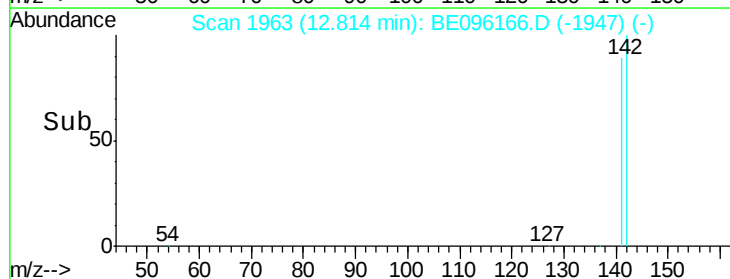
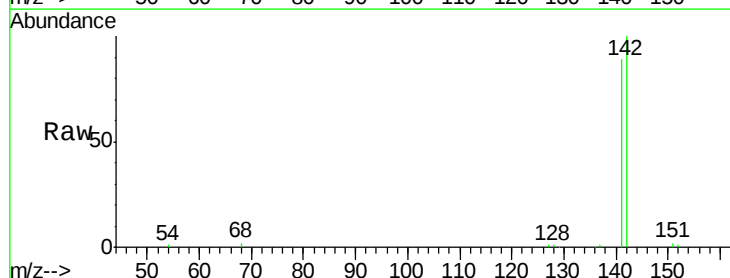
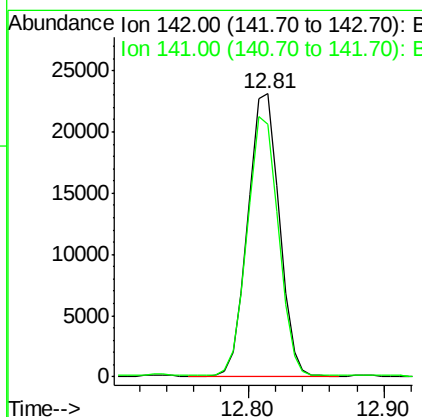
RT: 12.81 min Scan# 1963

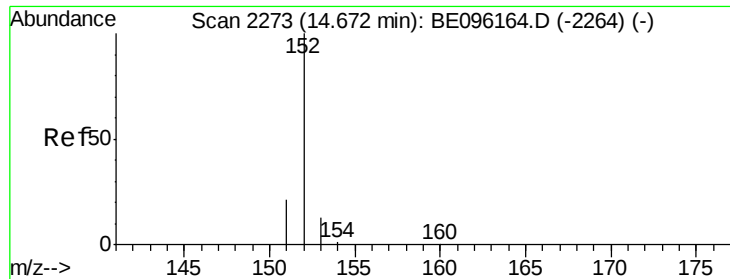
Delta R.T. 0.01 min

Lab File: BE096166.D

Acq: 26 Apr 2018 2:05

Tgt Ion:	142	Resp:	36562
Ion Ratio	Lower	Upper	
142	100		
141	91.1	72.6	108.8





#7

Acenaphthylene

Concen: 6.343 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE096166.D

Acq: 26 Apr 2018 2:05

Instrument :

BNA_E

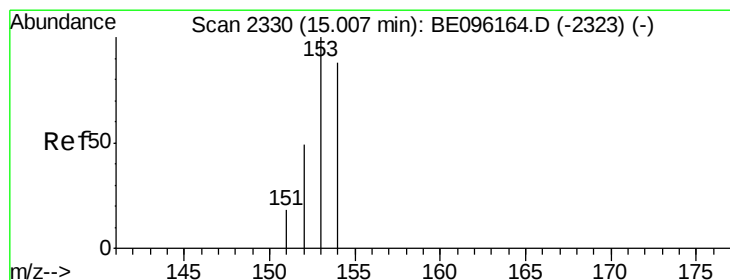
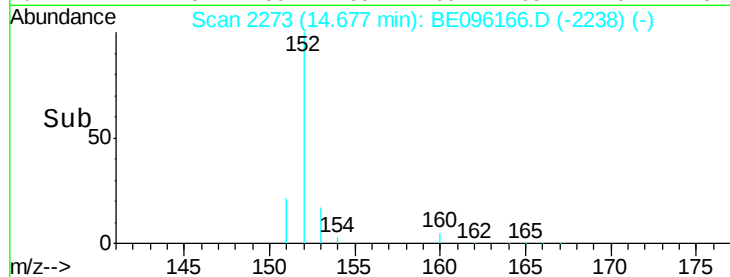
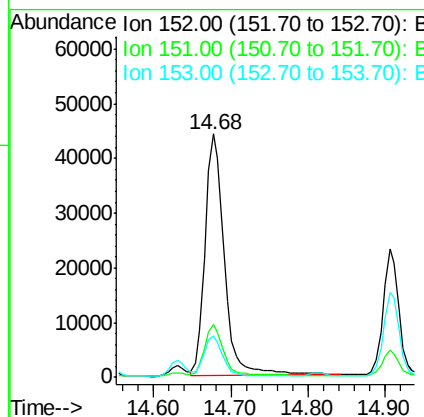
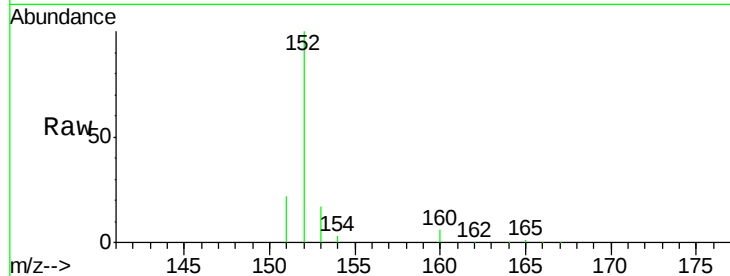
ClientSampleId :

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Tgt Ion:	152	Resp:	76450
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.1	25.7
153	17.2	12.8	19.2

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#8

Acenaphthene

Concen: 32.521 ng/ul

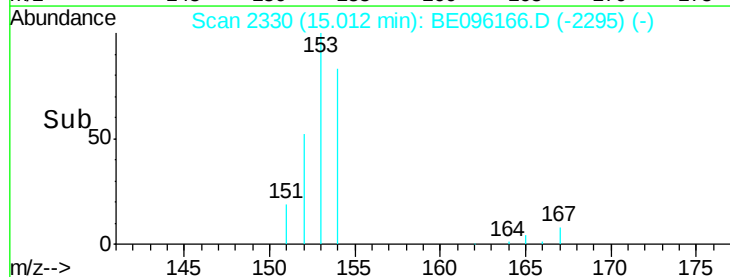
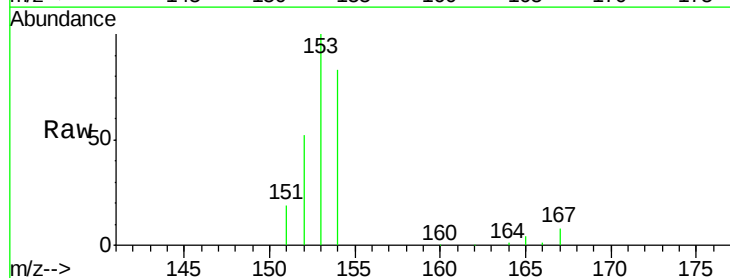
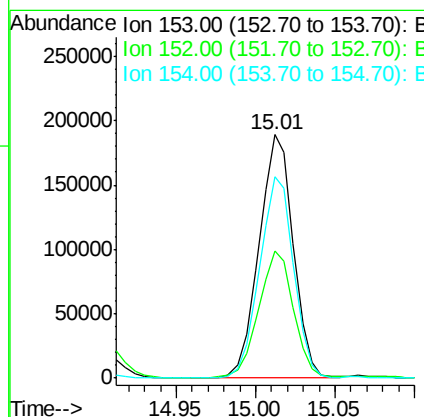
RT: 15.01 min Scan# 2330

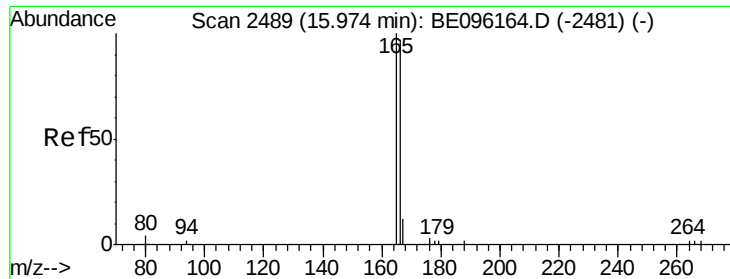
Delta R.T. 0.00 min

Lab File: BE096166.D

Acq: 26 Apr 2018 2:05

Tgt Ion:	153	Resp:	282613
Ion Ratio	Lower	Upper	
153	100		
152	52.3	36.0	54.0
154	82.6	72.0	108.0





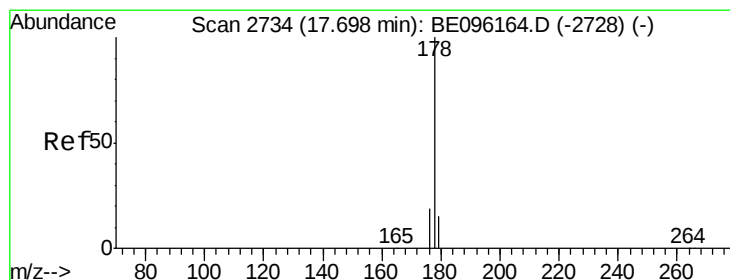
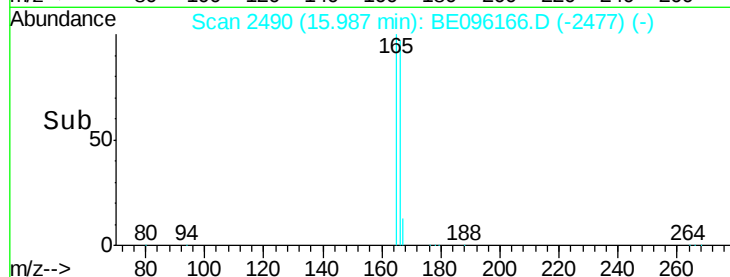
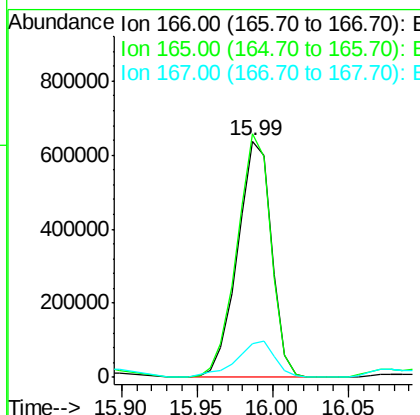
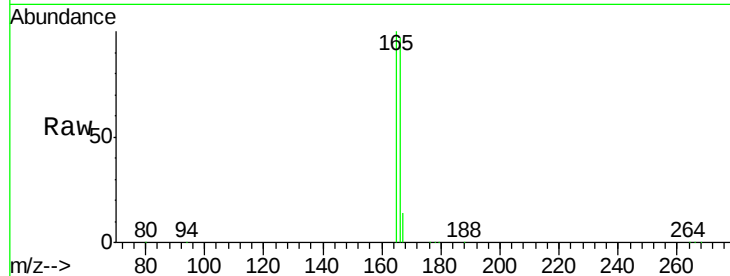
#9
Fluorene
 Concen: 86.323 ng/ul
 RT: 15.99 min Scan# 2490
 Delta R.T. 0.01 min
 Lab File: BE096166.D
 Acq: 26 Apr 2018 2:05

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	103.1	73.4	110.2	
167	14.5	14.6	22.0	

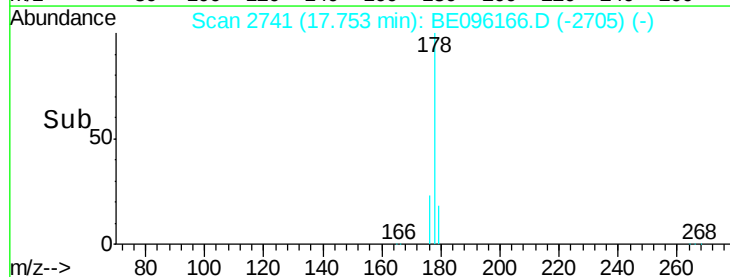
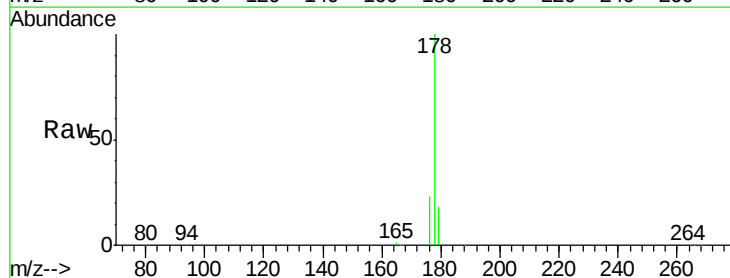
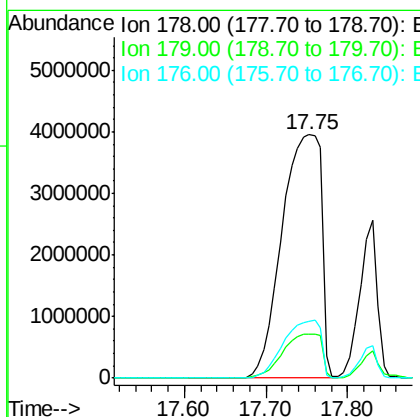
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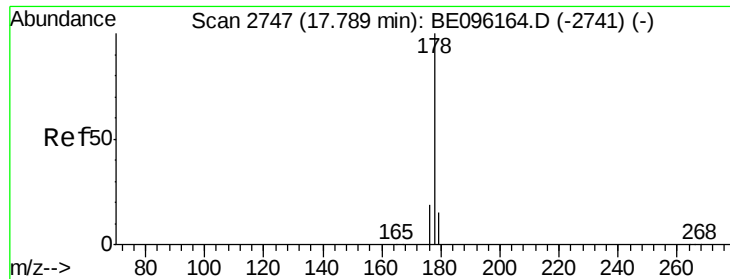
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#12
Phenanthrene
 Concen: 787.563 ng/ul
 RT: 17.75 min Scan# 2741
 Delta R.T. 0.06 min
 Lab File: BE096166.D
 Acq: 26 Apr 2018 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
179	18.2	18.4	27.6	
176	23.5	13.6	20.4	





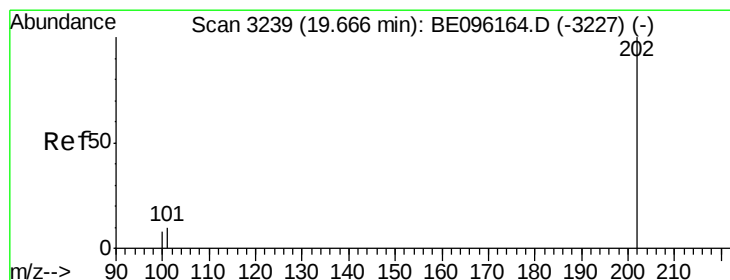
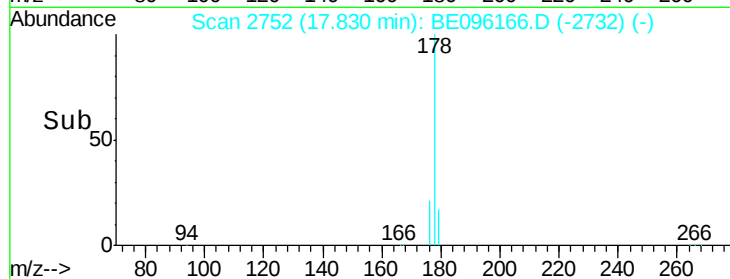
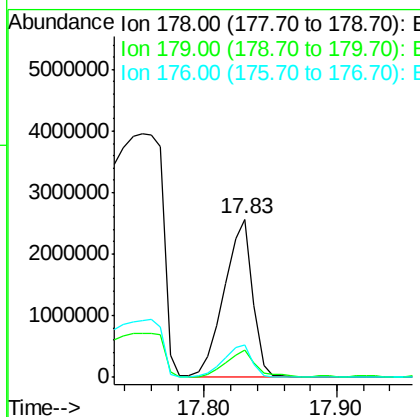
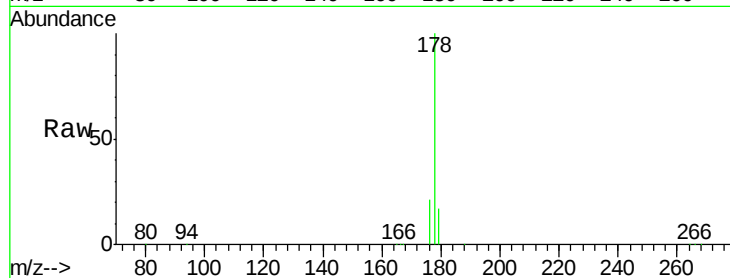
#13
 Anthracene
 Concen: 224.609 ng/ul
 RT: 17.83 min Scan# 2752
 Delta R.T. 0.04 min
 Lab File: BE096166.D
 Acq: 26 Apr 2018 2:05

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:178 Resp: 3788313
 Ion Ratio Lower Upper
 178 100
 179 17.0 18.1 27.1#
 176 20.6 14.7 22.1

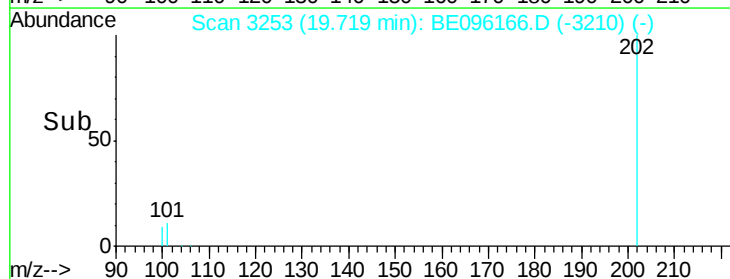
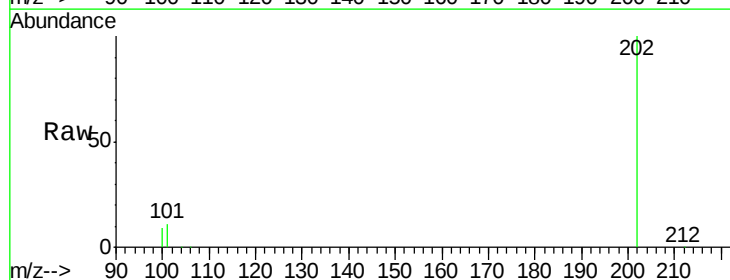
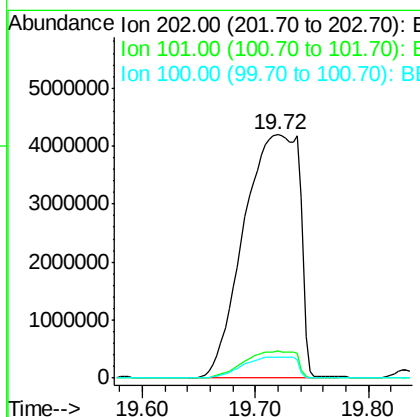
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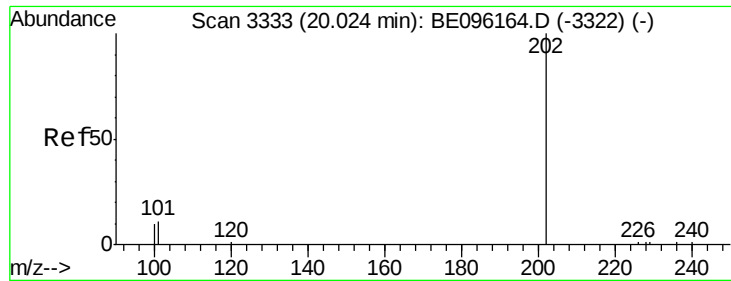
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#15
 Fluoranthene
 Concen: 559.932 ng/ul
 RT: 19.72 min Scan# 3253
 Delta R.T. 0.05 min
 Lab File: BE096166.D
 Acq: 26 Apr 2018 2:05

Tgt Ion:202 Resp:14388525
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 30.3
 100 8.7 0.0 39.5





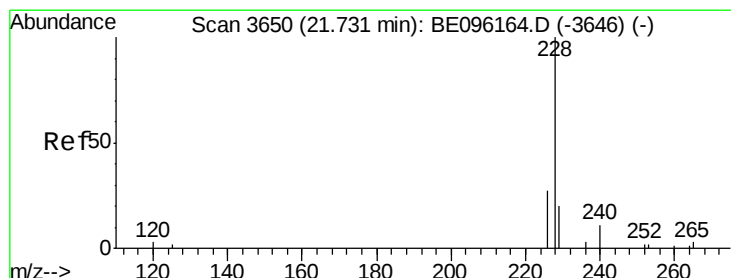
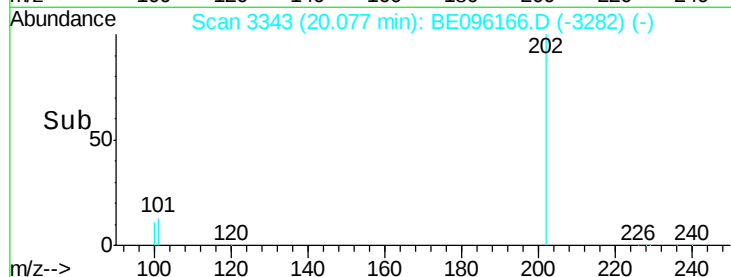
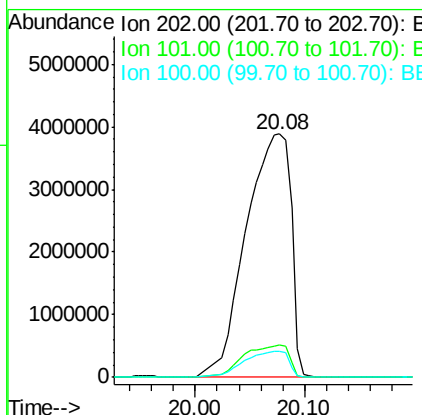
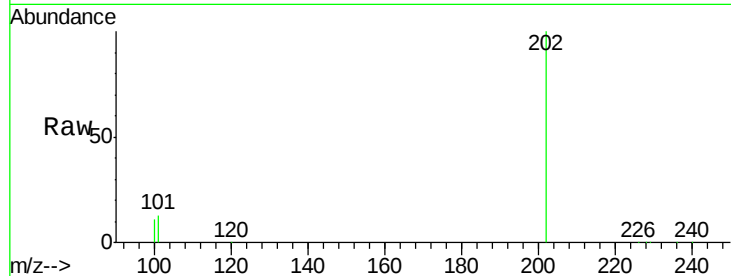
#17
Pyrene
 Concen: 1109.359 ng/ul
 RT: 20.08 min Scan# 3343
 Delta R.T. 0.05 min
 Lab File: BE096166.D
 Acq: 26 Apr 2018 2:05

Instrument :
 BNA_E
 ClientSampled :
 DASP3

Tgt Ion:202 Resp:12113656
 Ion Ratio Lower Upper
 202 100
 101 13.1 18.2 27.4#
 100 10.7 15.6 23.4#

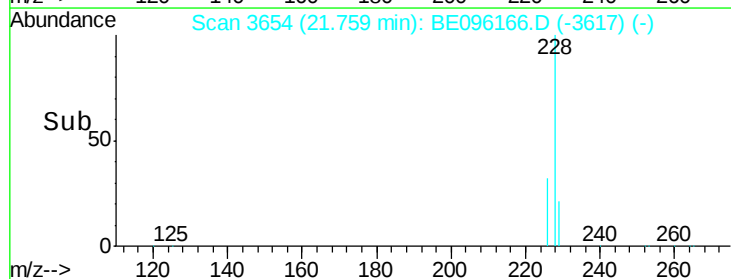
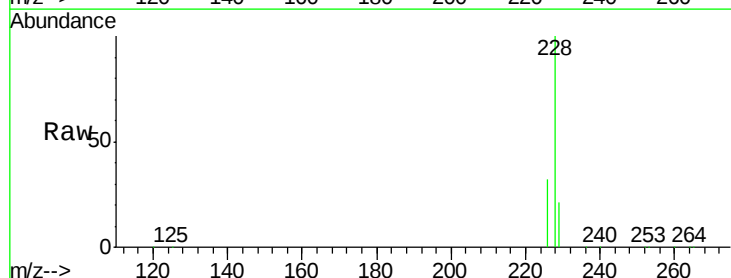
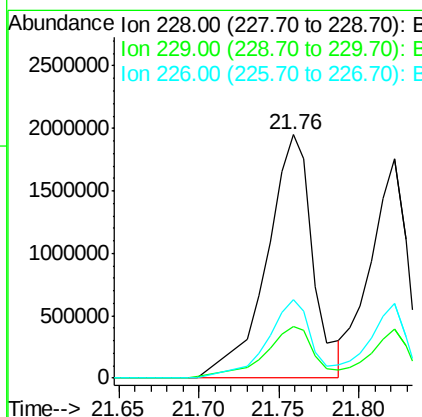
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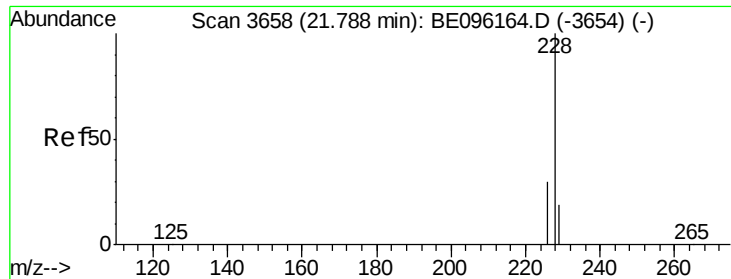
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#18
Benzo(a)anthracene
 Concen: 294.691 ng/ul
 RT: 21.76 min Scan# 3654
 Delta R.T. 0.03 min
 Lab File: BE096166.D
 Acq: 26 Apr 2018 2:05

Tgt Ion:228 Resp: 4856128
 Ion Ratio Lower Upper
 228 100
 229 21.1 22.8 34.2#
 226 32.2 17.0 25.6#





#19

Chrysene

Concen: 180.555 ng/ul

RT: 21.82 min Scan# 3663

Delta R.T. 0.03 min

Lab File: BE096166.D

Acq: 26 Apr 2018 2:05

Instrument :

BNA_E

ClientSampleId :

DASP3

Tgt Ion:228 Resp: 2734032

Ion Ratio Lower Upper

228 100

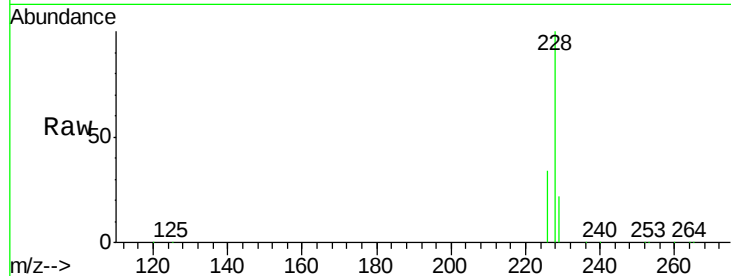
226 34.0 23.4 35.0

229 22.5 17.7 26.5

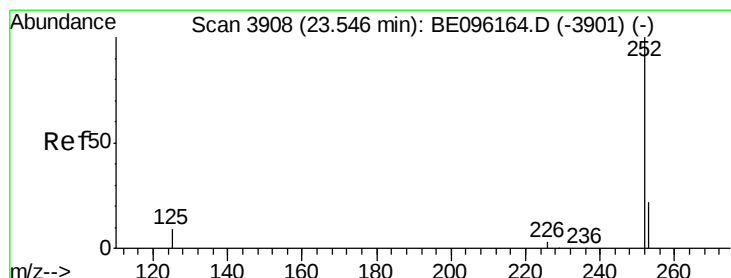
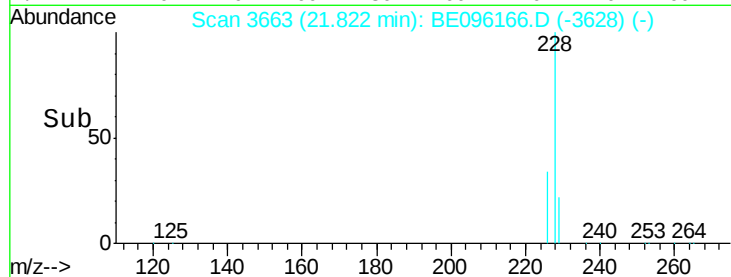
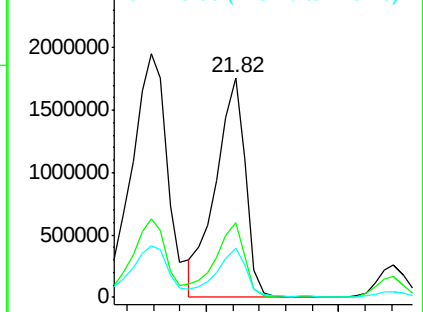
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 87.763 ng/ul m

RT: 23.59 min Scan# 3915

Delta R.T. 0.05 min

Lab File: BE096166.D

Acq: 26 Apr 2018 2:05

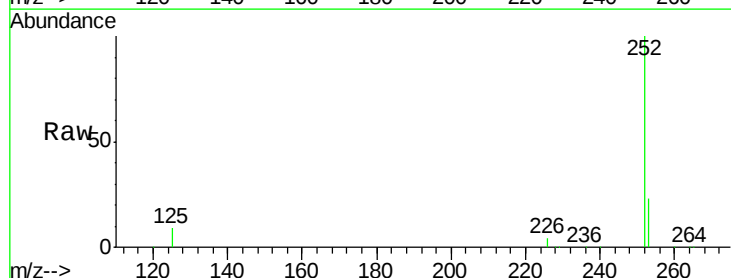
Tgt Ion:252 Resp: 2080957

Ion Ratio Lower Upper

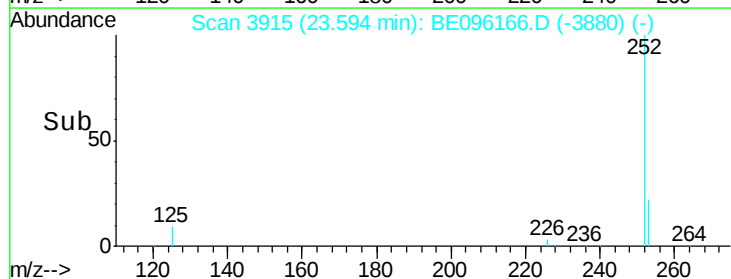
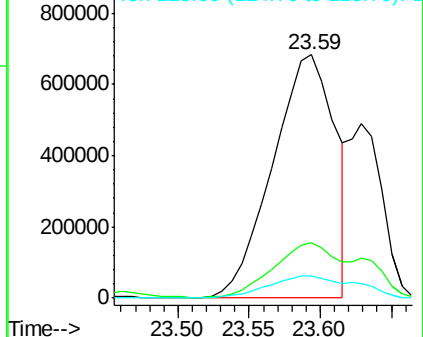
252 100

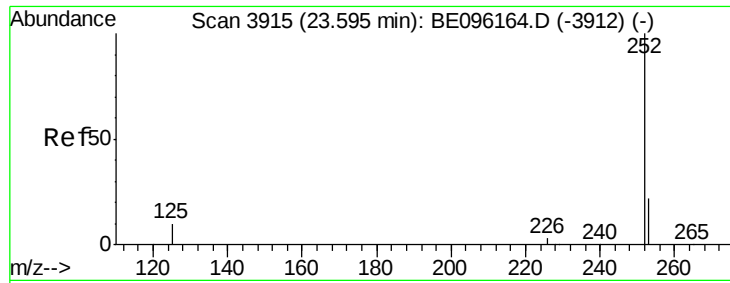
253 22.7 0.0 64.2

125 9.3 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





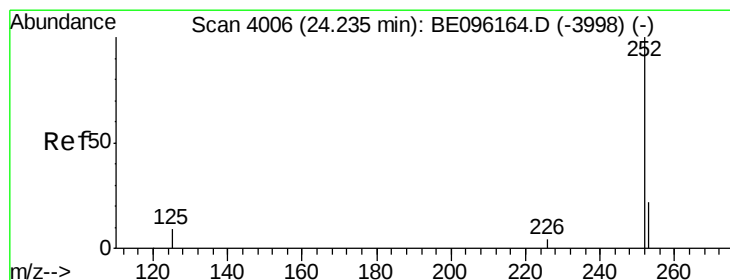
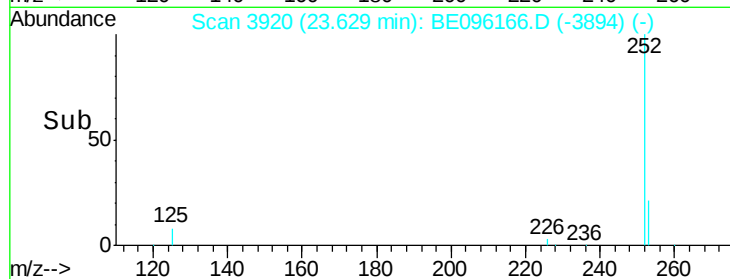
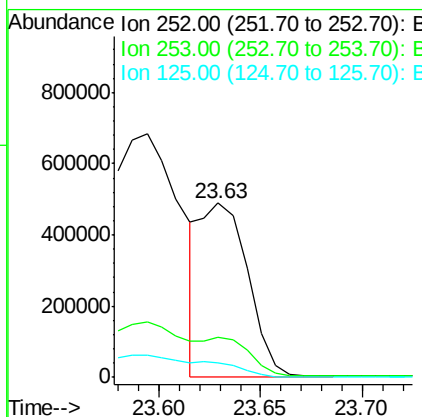
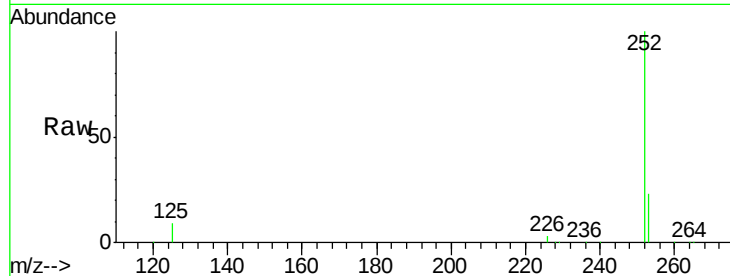
#22
Benzo(k)fluoranthene
Concen: 34.983 ng/ul m
RT: 23.63 min Scan# 3920
Delta R.T. 0.03 min
Lab File: BE096166.D
Acq: 26 Apr 2018 2:05

Instrument :
BNA_E
ClientSampleId :
DASP3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	24.5	36.7#
125	8.6	13.7	20.5#

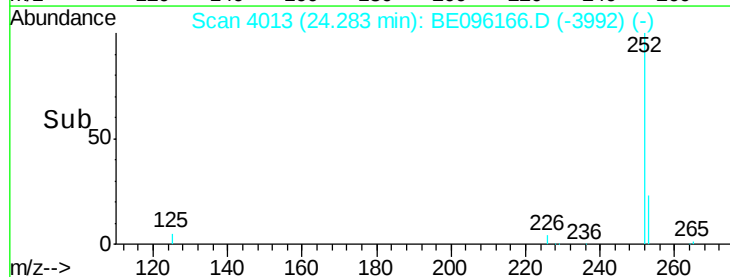
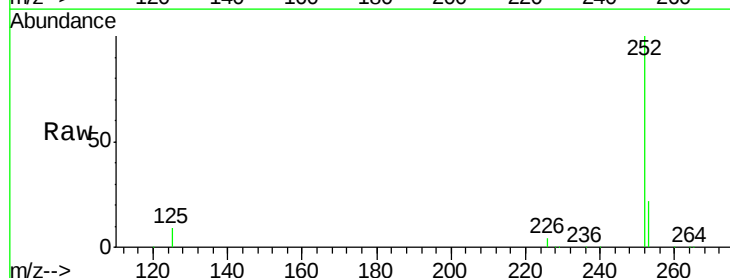
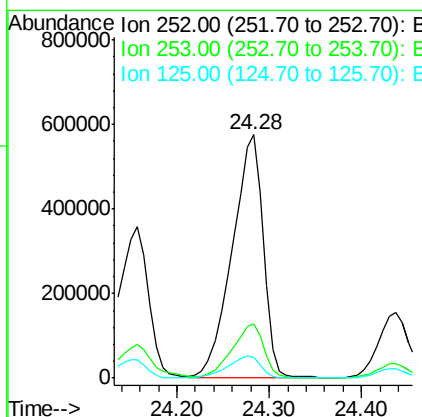
Manual Integrations
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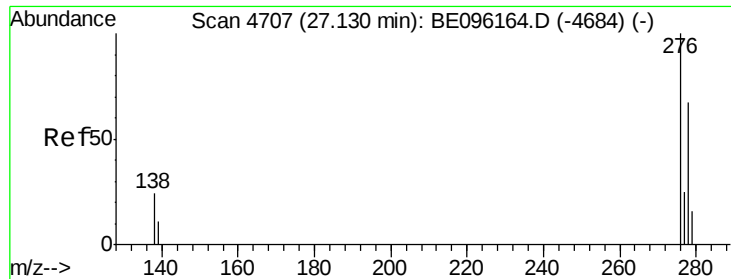
Sohil
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#23
Benzo(a)pyrene
Concen: 65.283 ng/ul
RT: 24.28 min Scan# 4013
Delta R.T. 0.05 min
Lab File: BE096166.D
Acq: 26 Apr 2018 2:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	28.5	42.7#
125	8.5	18.1	27.1#





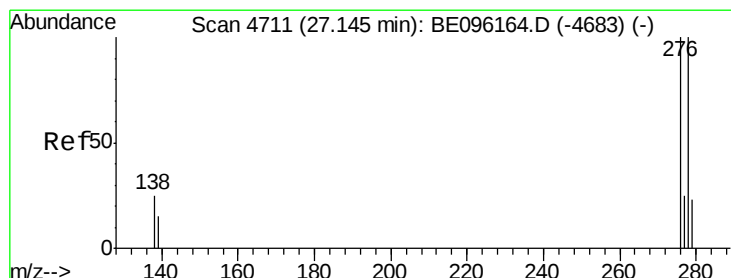
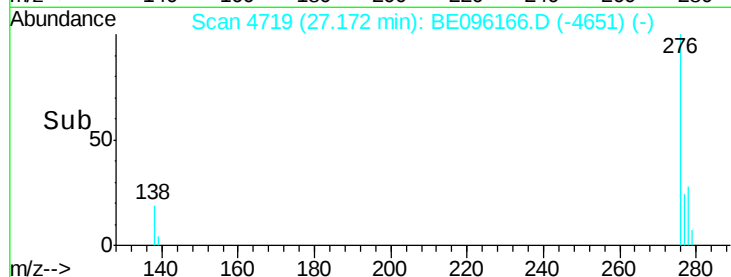
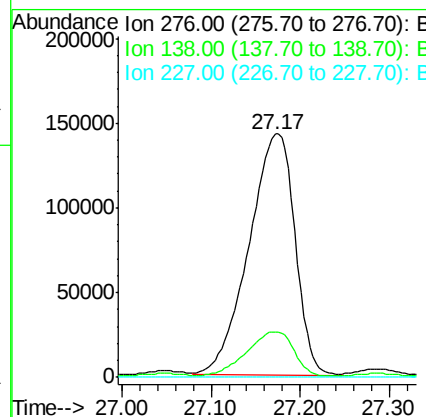
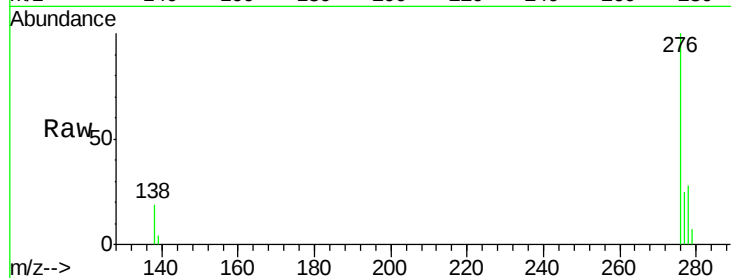
#24
Indeno(1,2,3-cd)pyrene
Concen: 18.429 ng/ul
RT: 27.17 min Scan# 4719
Delta R.T. 0.04 min
Lab File: BE096166.D
Acq: 26 Apr 2018 2:05

Instrument :
BNA_E
ClientSampleId :
DASP3

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.0	28.0	42.0#
227	0.0	8.0	12.0#

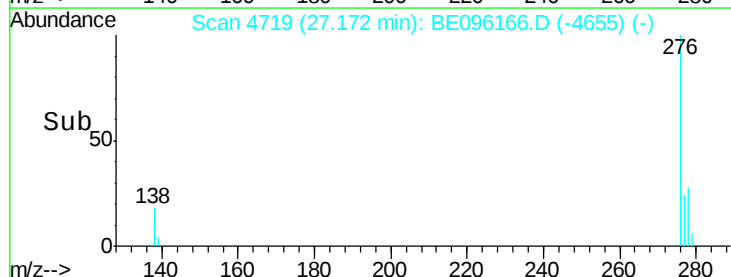
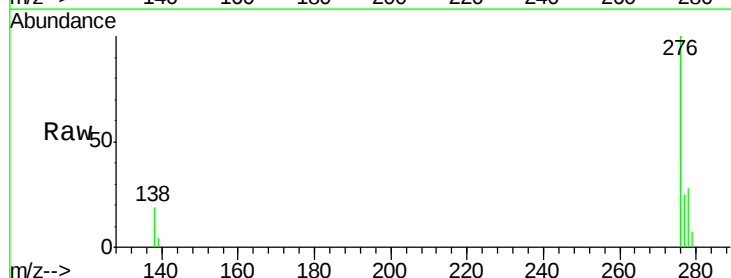
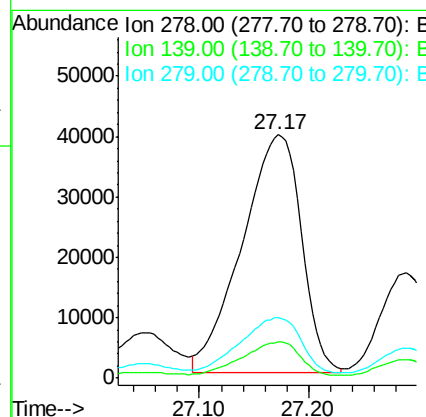
Manual Integrations
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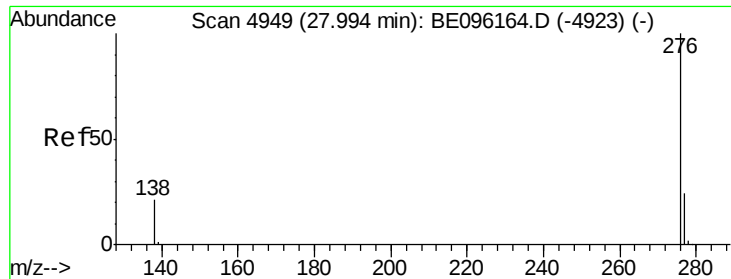
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#25
Dibenzo(a,h)anthracene
Concen: 6.472 ng/ul m
RT: 27.17 min Scan# 4719
Delta R.T. 0.03 min
Lab File: BE096166.D
Acq: 26 Apr 2018 2:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	14.7	17.4	26.0#
279	24.6	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 16.980 ng/ul

RT: 28.04 min Scan# 4963

Delta R.T. 0.05 min

Lab File: BE096166.D

Acq: 26 Apr 2018 2:05

Instrument :

BNA_E

ClientSampleId :

DASP3

Tgt Ion: 276 Resp: 410231

Ion Ratio Lower Upper

276 100

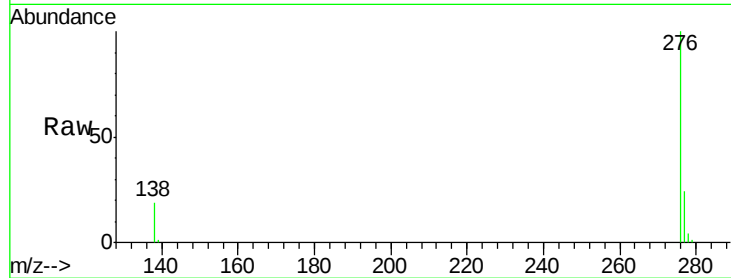
138 19.4 21.8 32.8#

277 24.3 20.5 30.7

Manual Integrations
APPROVED

Sohil

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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

