

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060817\
 Data File : BE093082.D
 Acq On : 8 Jun 2017 15:53
 Operator : SJ/MA
 Sample : MDL-W-7
 Misc : 0.07 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-W-7

Manual Integrations
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Quant Time: Jun 08 16:25:46 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 13:24:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	4754	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	20565	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10369	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	29344	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	31137	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	28450	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	10523	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	25617	0.32	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.57	128	2594	0.051	ng/ul#	96
5) 2-Methylnaphthalene	12.19	142	1634	0.047	ng/ul	96
7) Acenaphthylene	14.08	152	1916	0.043	ng/ul	96
8) Acenaphthene	14.43	153	1805	0.050	ng/ul	96
9) Fluorene	15.42	166	1904	0.045	ng/ul	94
11) Pentachlorophenol	16.75	266	159	0.037	ng/ul	97
12) Phenanthrene	17.13	178	3955m	0.049	ng/ul	
13) Anthracene	17.24	178	3022	0.043	ng/ul	98
15) Fluoranthene	19.16	202	4324	0.044	ng/ul	84
17) Pyrene	19.52	202	4454	0.049	ng/ul#	86
18) Benzo(a)anthracene	21.25	228	3797	0.046	ng/ul#	86
19) Chrysene	21.30	228	4355	0.051	ng/ul	95
21) Benzo(b)fluoranthene	22.93	252	3680	0.043	ng/ul	93
22) Benzo(k)fluoranthene	22.98	252	4299	0.047	ng/ul#	92
23) Benzo(a)pyrene	23.56	252	3407	0.042	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.19	276	4250	0.045	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.22	278	3507	0.044	ng/ul#	87
26) Benzo(g,h,i)perylene	26.96	276	3677	0.045	ng/ul	94

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

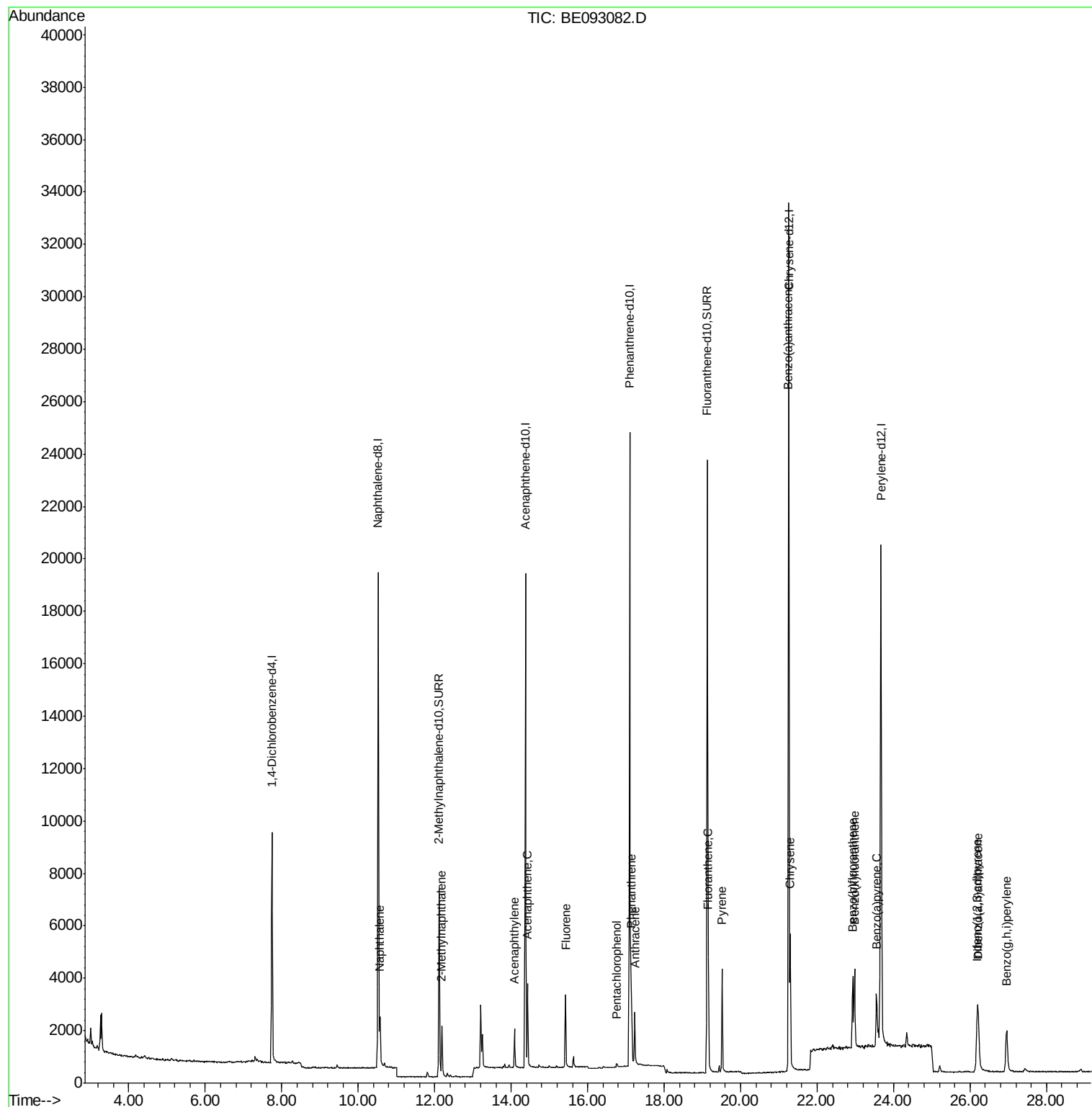
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060817\
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Misc : 0.07 PPM
ALS Vial : 11 Sample Multiplier: 1

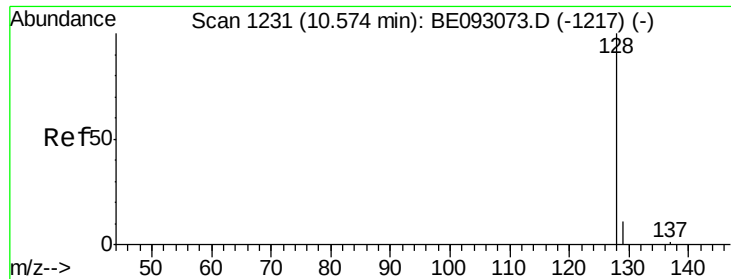
Instrument :
BNA_E
ClientSampled :
MDL-W-7

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.57 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BE093082.D

Acq: 8 Jun 2017 15:53

Instrument :

BNA_E

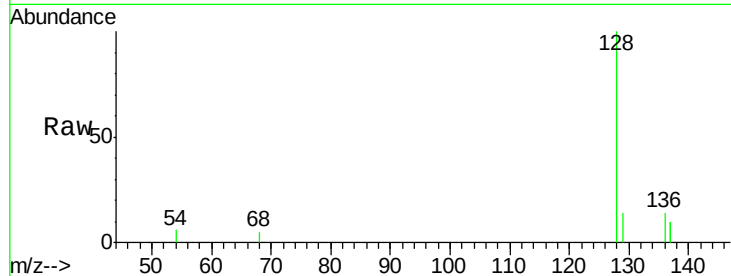
ClientSampleId :

MDL-W-7

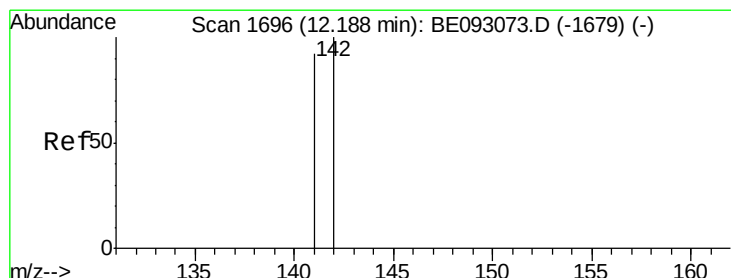
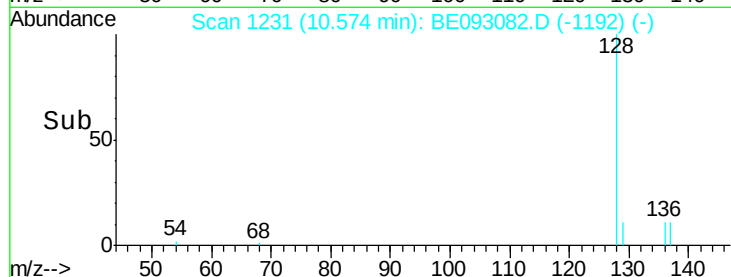
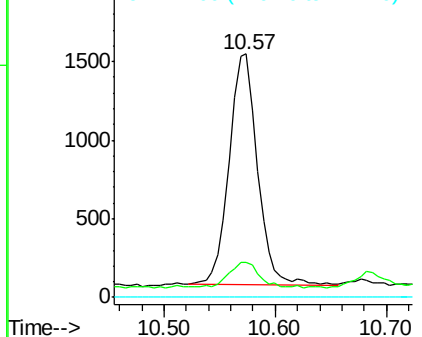
Tgt Ion:	128	Resp:	2594
Ion Ratio	Lower	Upper	
128	100		
129	14.3	11.3	16.9
127	0.0	4.0	6.0

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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: 0.047 ng/ul

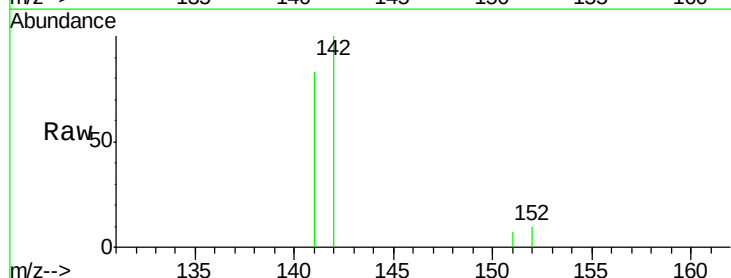
RT: 12.19 min Scan# 1696

Delta R.T. 0.00 min

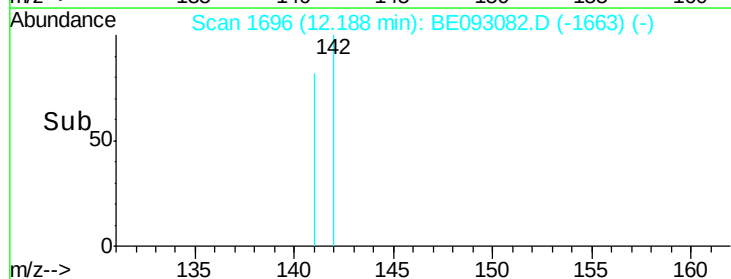
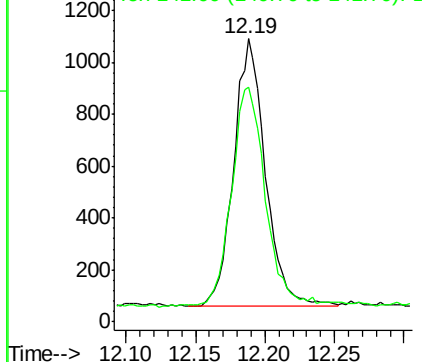
Lab File: BE093082.D

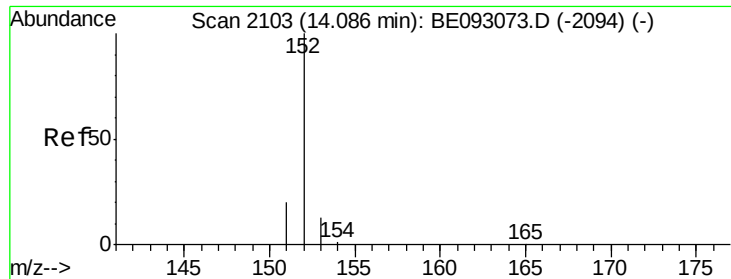
Acq: 8 Jun 2017 15:53

Tgt Ion:	142	Resp:	1634
Ion Ratio	Lower	Upper	
142	100		
141	86.5	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: 0.043 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093082.D

Acq: 8 Jun 2017 15:53

Instrument :

BNA_E

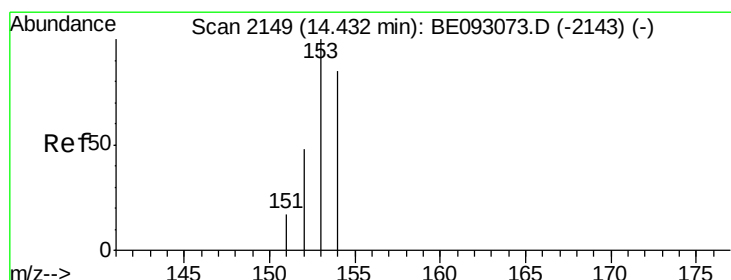
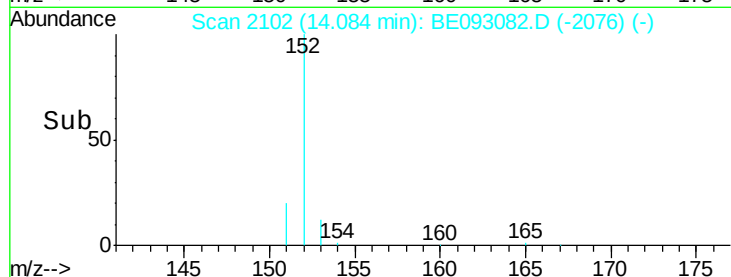
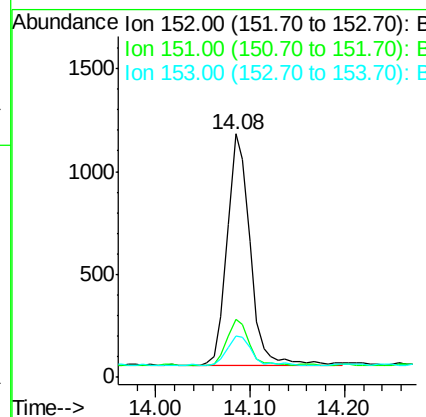
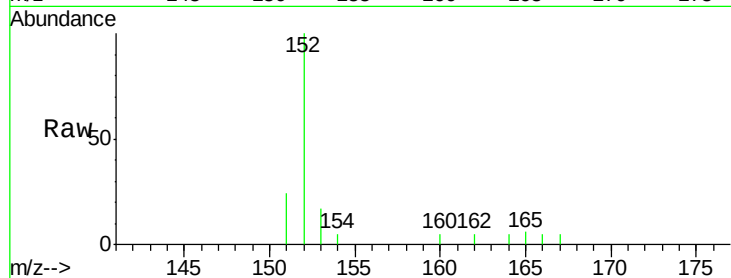
ClientSampled :

MDL-W-7

Tgt Ion:	152	Resp:	1916
Ion Ratio		Lower	Upper
152	100		
151	23.8	17.1	25.7
153	17.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.050 ng/ul

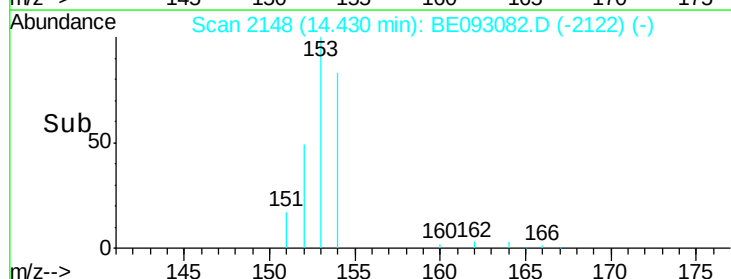
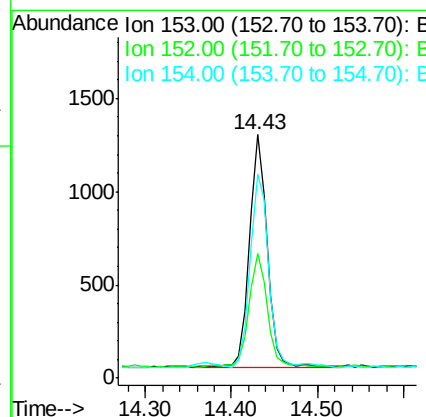
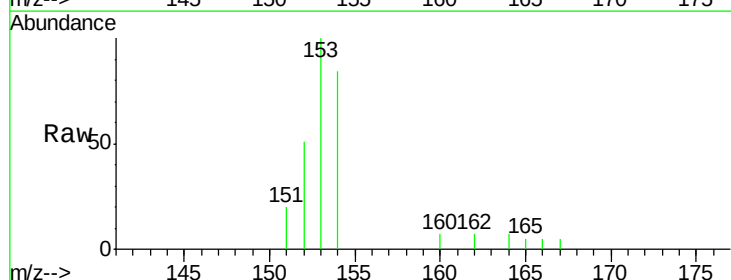
RT: 14.43 min Scan# 2148

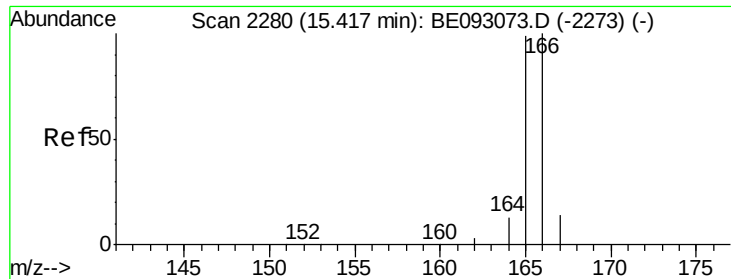
Delta R.T. -0.00 min

Lab File: BE093082.D

Acq: 8 Jun 2017 15:53

Tgt Ion:	153	Resp:	1805
Ion Ratio		Lower	Upper
153	100		
152	51.2	40.3	60.5
154	83.5	71.4	107.2





#9

Fluorene

Concen: 0.045 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BE093082.D

Acq: 8 Jun 2017 15:53

Instrument :

BNA_E

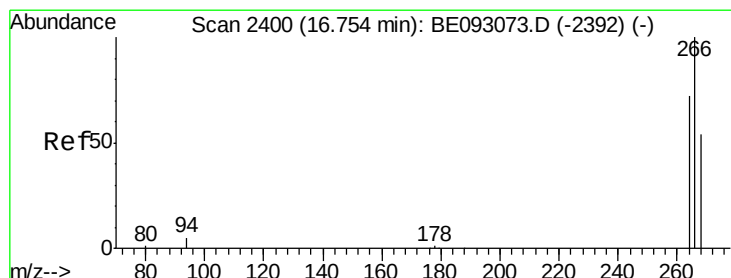
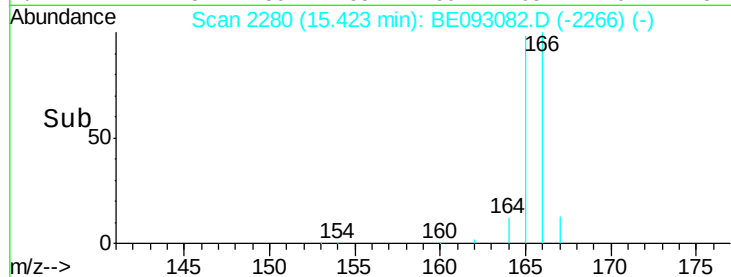
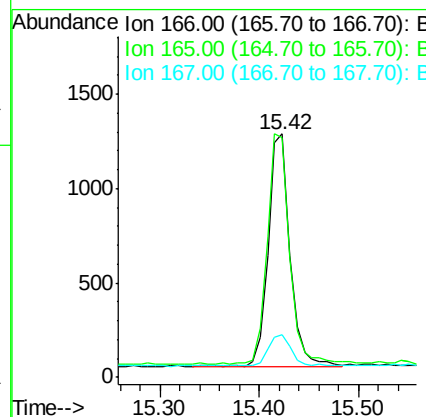
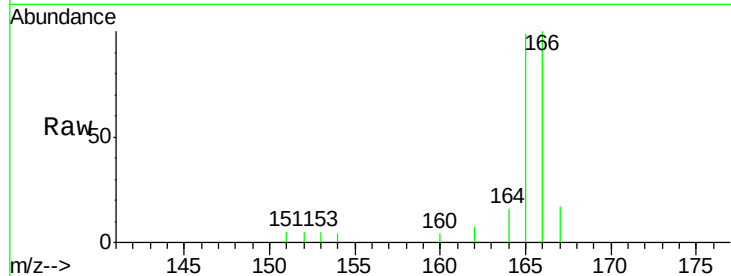
ClientSampleId :

MDL-W-7

Tgt Ion:	166	Resp:	1904
Ion	Ratio	Lower	Upper
166	100		
165	98.6	73.4	110.2
167	17.4	14.6	22.0

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#11

Pentachlorophenol

Concen: 0.037 ng/ul

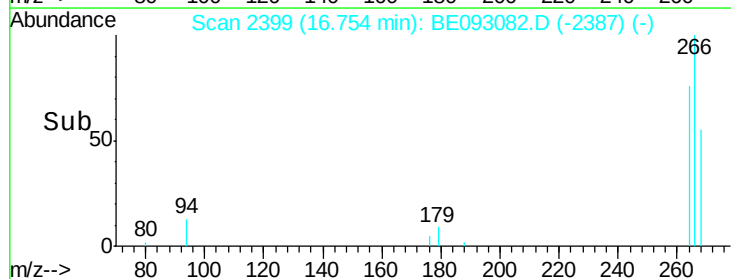
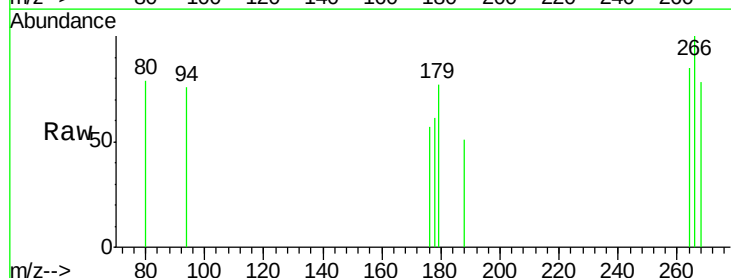
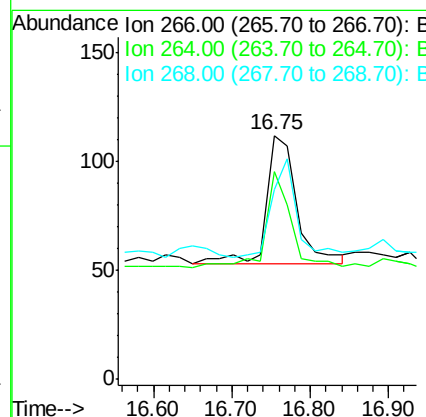
RT: 16.75 min Scan# 2399

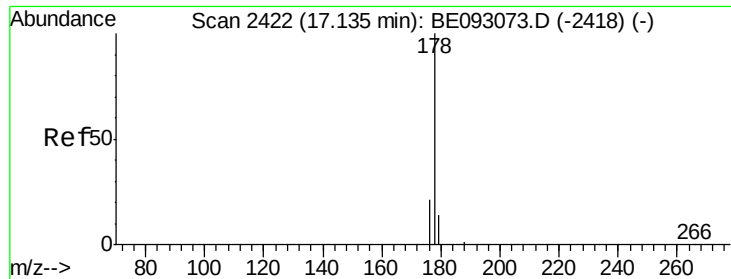
Delta R.T. -0.00 min

Lab File: BE093082.D

Acq: 8 Jun 2017 15:53

Tgt Ion:	266	Resp:	159
Ion	Ratio	Lower	Upper
266	100		
264	63.5	47.9	71.9
268	62.9	49.8	74.8





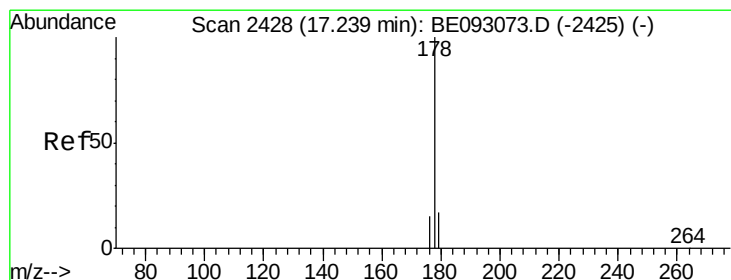
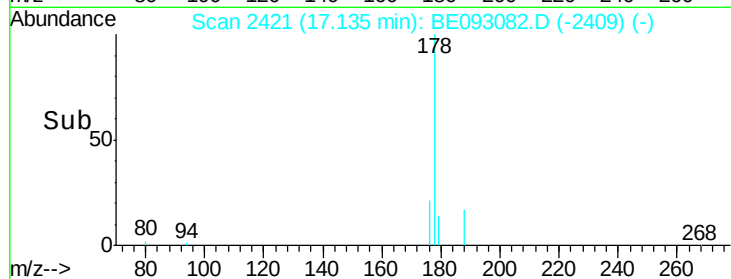
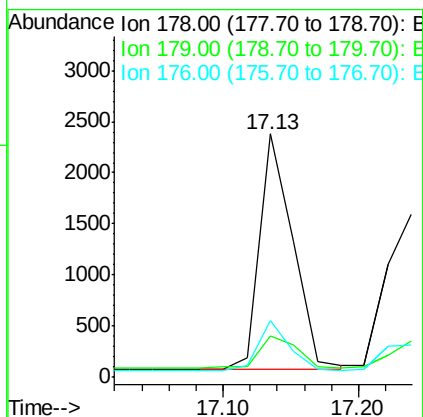
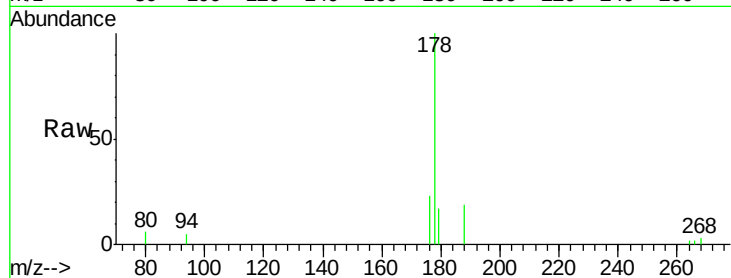
#12
Phenanthrene
Concen: 0.049 ng/ul m
RT: 17.13 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BE093082.D
Acq: 8 Jun 2017 15:53

Instrument :
BNA_E
ClientSampleId :
MDL-W-7

Tgt Ion:178 Resp: 3955
Ion Ratio Lower Upper
178 100
179 16.9 18.4 27.6#
176 23.4 13.6 20.4#

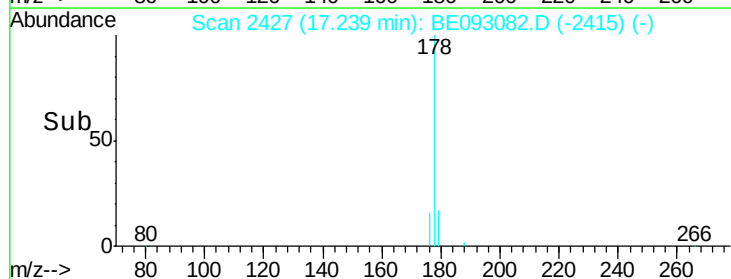
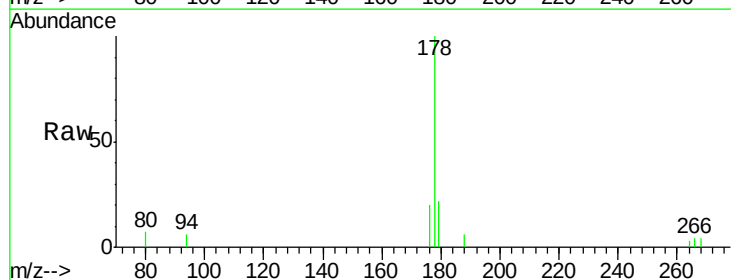
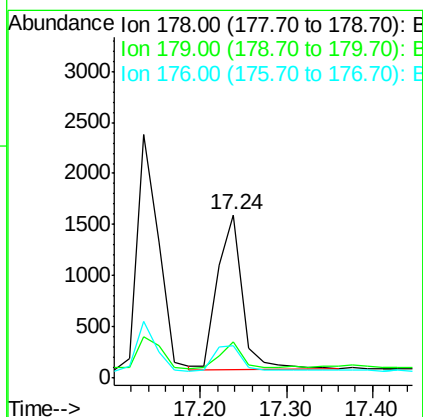
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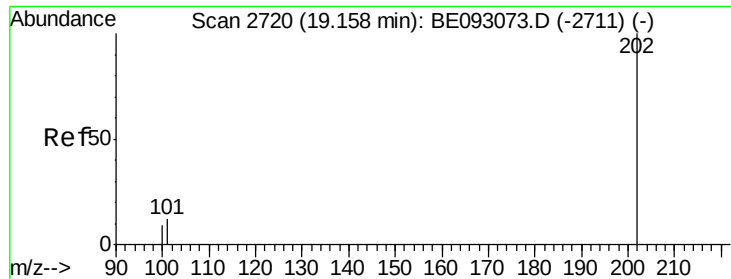
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#13
Anthracene
Concen: 0.043 ng/ul
RT: 17.24 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BE093082.D
Acq: 8 Jun 2017 15:53

Tgt Ion:178 Resp: 3022
Ion Ratio Lower Upper
178 100
179 21.9 18.1 27.1
176 19.6 14.7 22.1





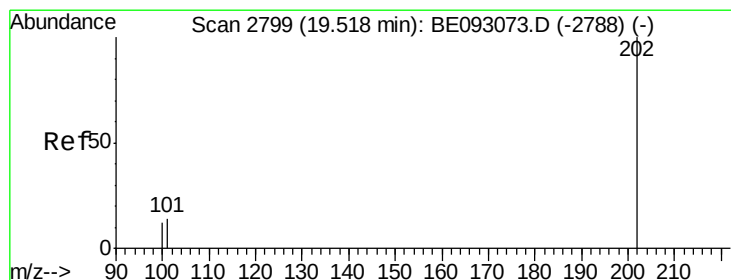
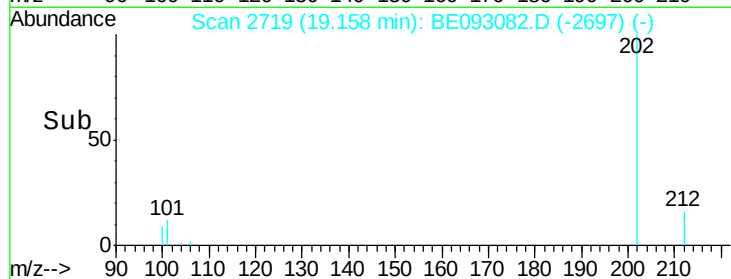
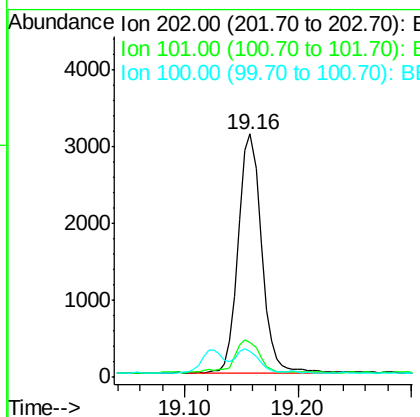
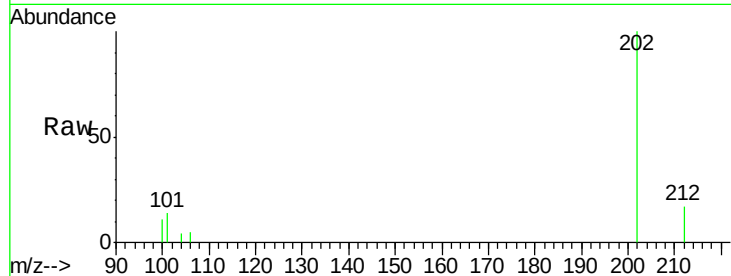
#15
Fluoranthene
Concen: 0.044 ng/ul
RT: 19.16 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093082.D
Acq: 8 Jun 2017 15:53

Instrument :
BNA_E
ClientSampleId :
MDL-W-7

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4324		
101	14.3	0.0	30.3	
100	10.7	0.0	39.5	

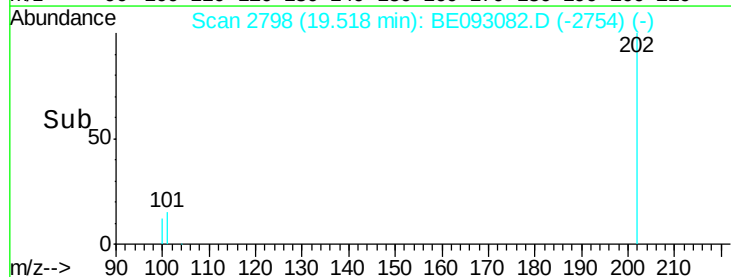
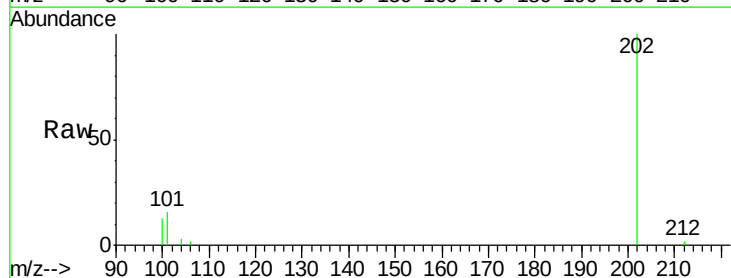
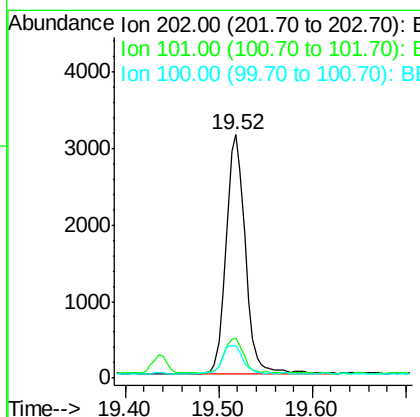
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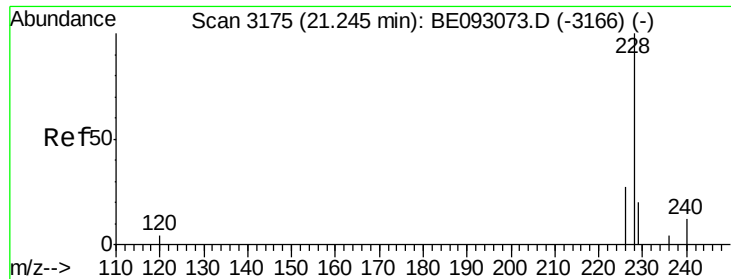
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#17
Pyrene
Concen: 0.049 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093082.D
Acq: 8 Jun 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4454		
101	16.2	18.2	27.4#	
100	13.1	15.6	23.4#	





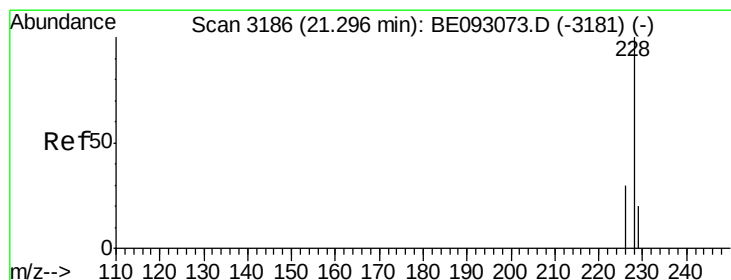
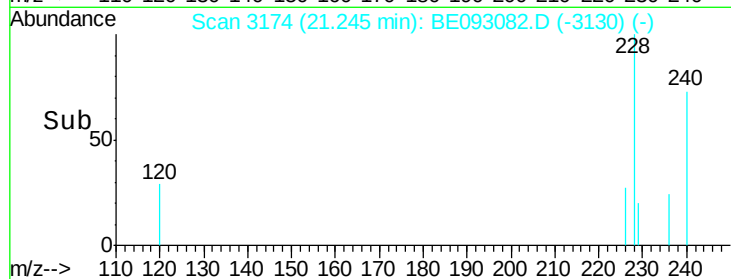
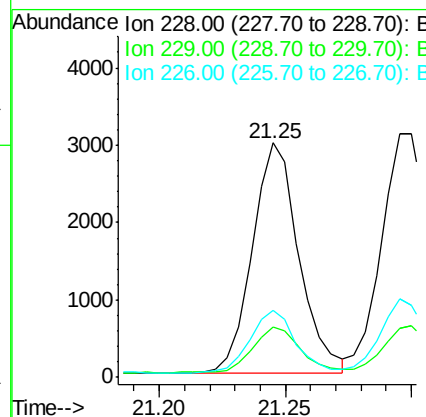
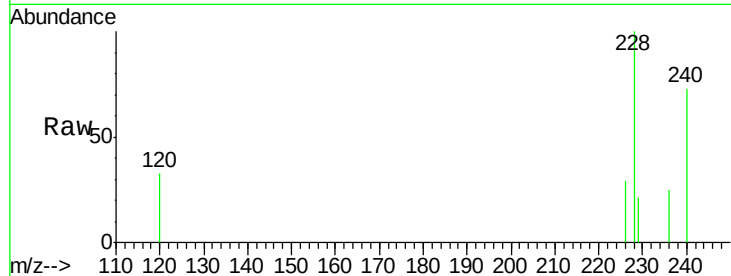
#18
Benzo(a)anthracene
Concen: 0.046 ng/ul
RT: 21.25 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093082.D
Acq: 8 Jun 2017 15:53

Instrument :
BNA_E
ClientSampleId :
MDL-W-7

Tgt Ion:228 Resp: 3797
Ion Ratio Lower Upper
228 100
229 21.2 22.8 34.2#
226 28.5 17.0 25.6#

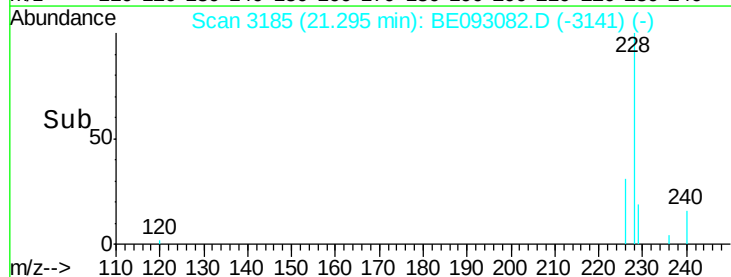
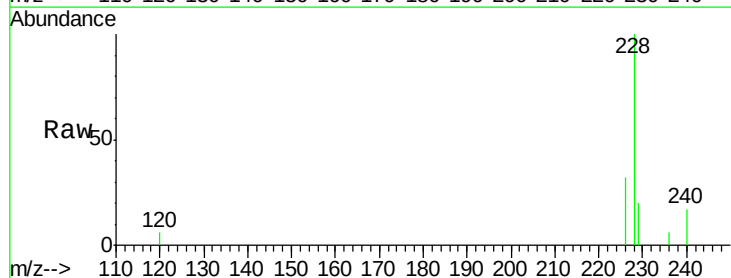
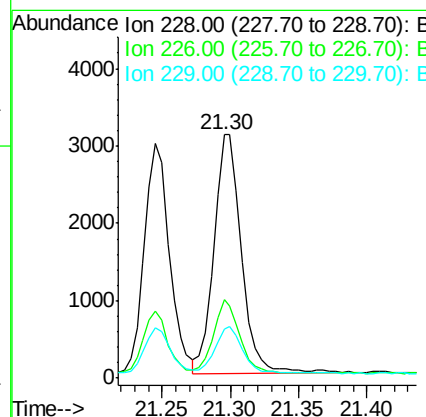
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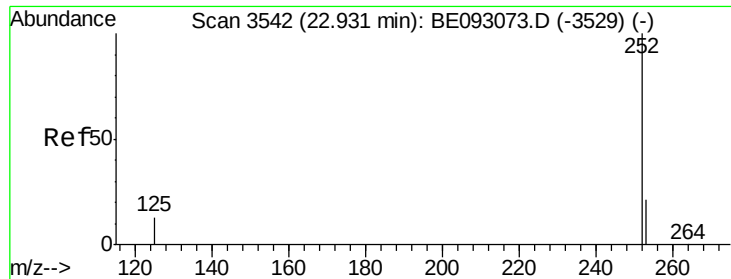
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#19
Chrysene
Concen: 0.051 ng/ul
RT: 21.30 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093082.D
Acq: 8 Jun 2017 15:53

Tgt Ion:228 Resp: 4355
Ion Ratio Lower Upper
228 100
226 32.2 23.4 35.0
229 20.2 17.7 26.5





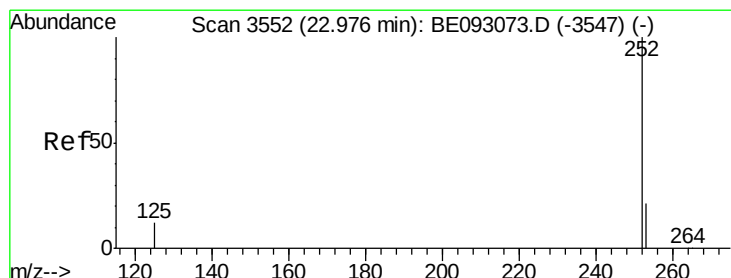
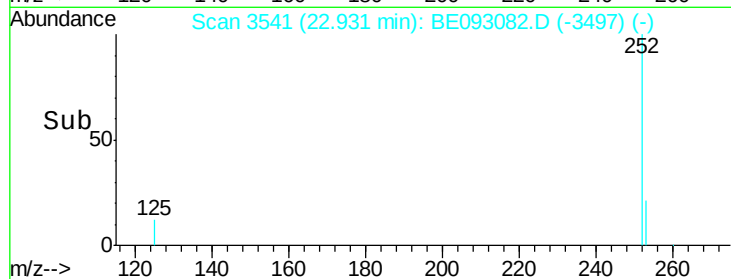
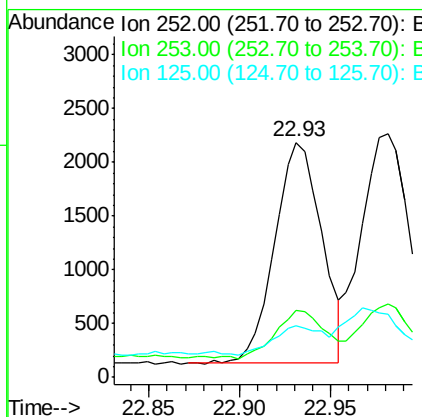
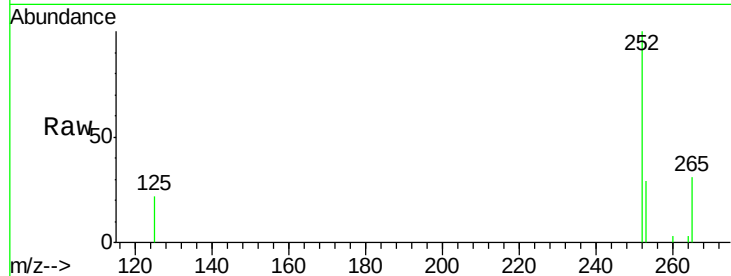
#21
Benzo(b)fluoranthene
Concen: 0.043 ng/ul
RT: 22.93 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BE093082.D
Acq: 8 Jun 2017 15:53

Instrument :
BNA_E
ClientSampleId :
MDL-W-7

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	28.8	0.0	64.2
125	21.7	0.0	35.0

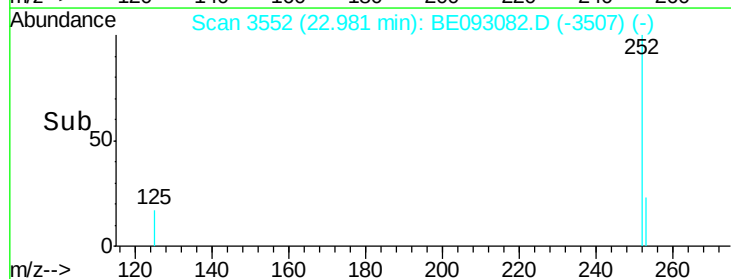
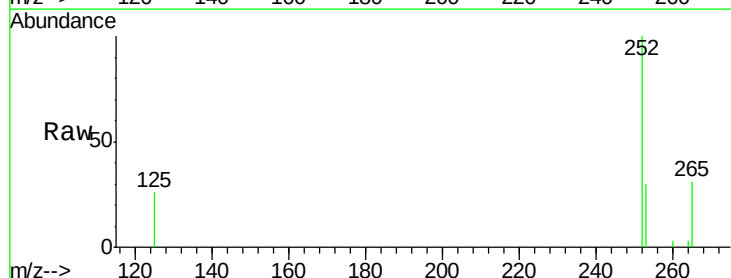
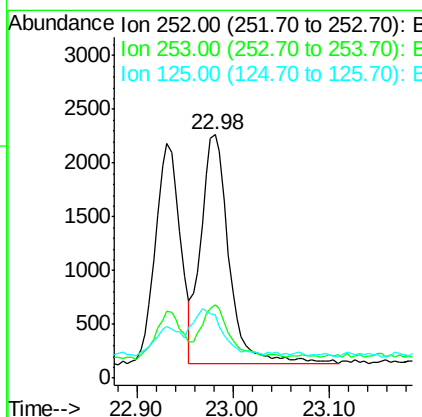
Manual Integrations
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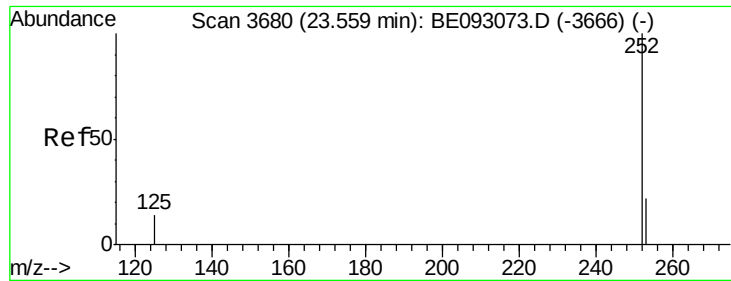
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#22
Benzo(k)fluoranthene
Concen: 0.047 ng/ul
RT: 22.98 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BE093082.D
Acq: 8 Jun 2017 15:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	29.9	24.5	36.7
125	25.8	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.042 ng/ul

RT: 23.56 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BE093082.D

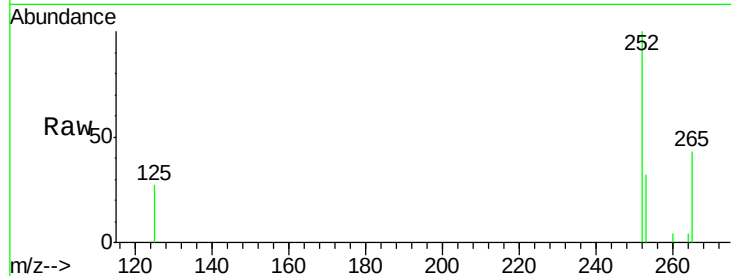
Acq: 8 Jun 2017 15:53

Instrument :

BNA_E

ClientSampleId :

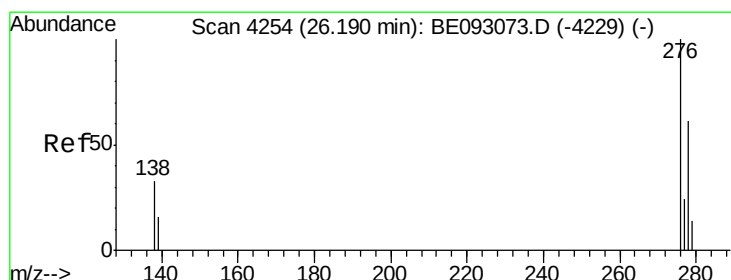
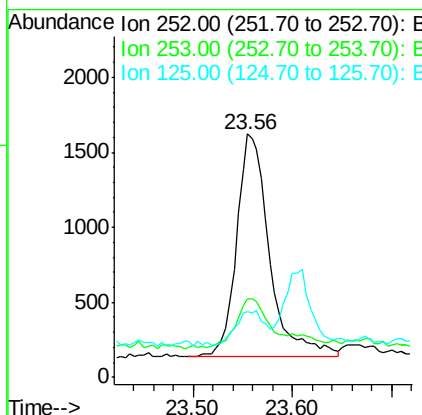
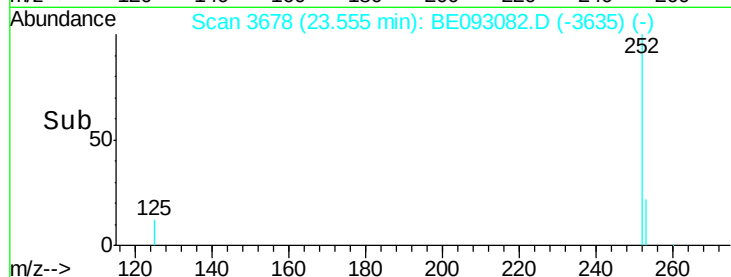
MDL-W-7



Tgt Ion:	252	Resp:	3407
Ion Ratio	Lower	Upper	
252	100		
253	32.4	28.5	42.7
125	27.1	18.1	27.1

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

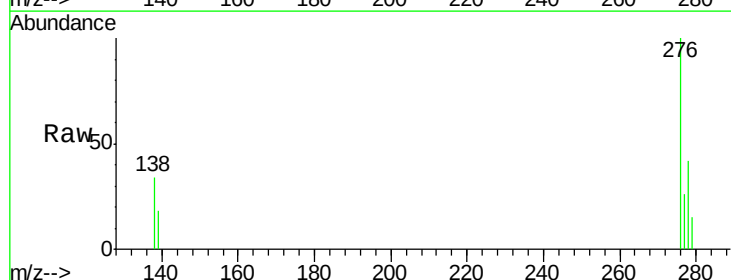
Concen: 0.045 ng/ul

RT: 26.19 min Scan# 4252

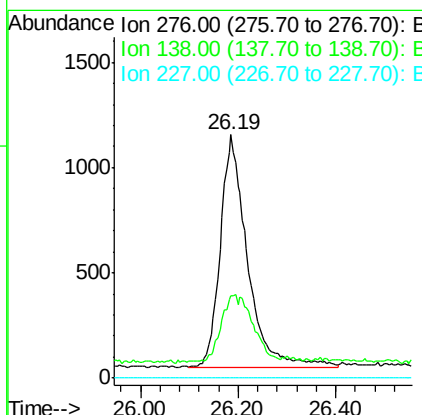
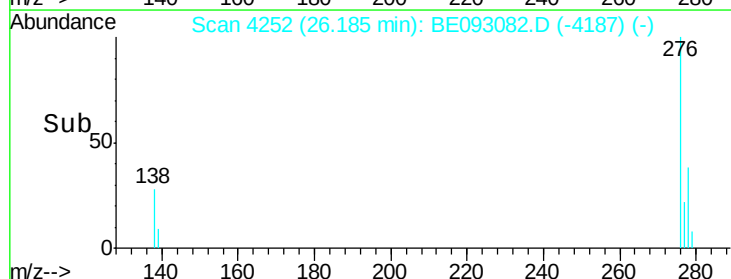
Delta R.T. -0.00 min

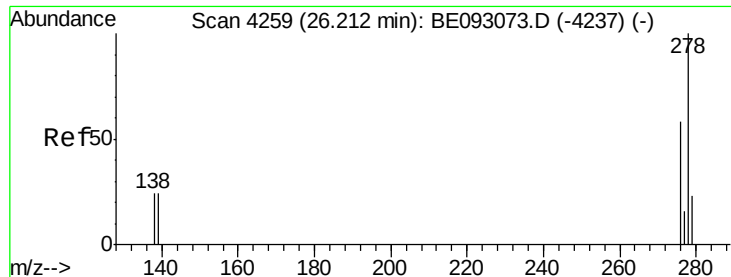
Lab File: BE093082.D

Acq: 8 Jun 2017 15:53



Tgt Ion:	276	Resp:	4250
Ion Ratio	Lower	Upper	
276	100		
138	34.9	28.0	42.0
227	0.0	8.0	12.0#





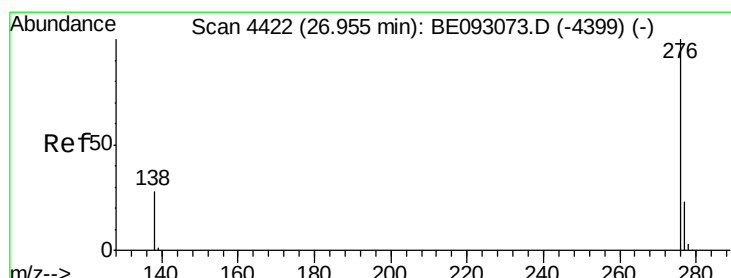
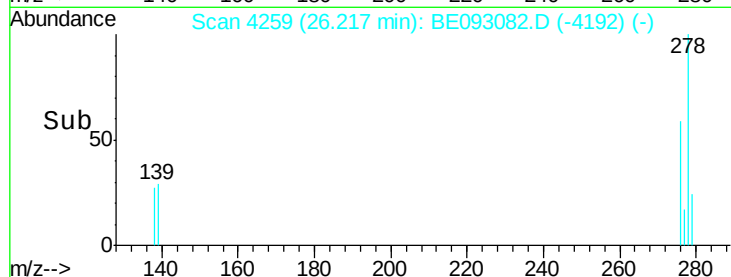
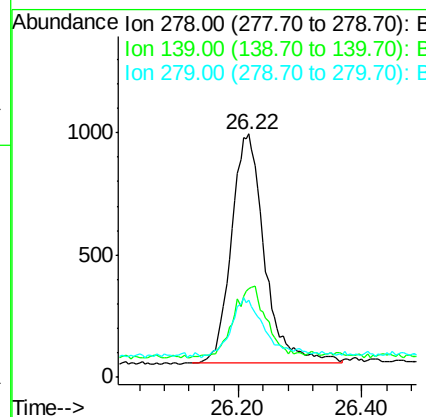
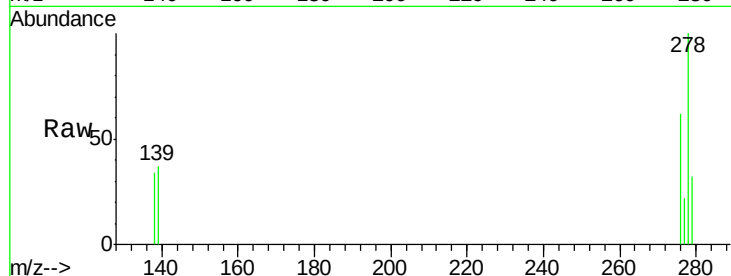
#25
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 26.22 min Scan# 4259
Delta R.T. 0.00 min
Lab File: BE093082.D
Acq: 8 Jun 2017 15:53

Instrument :
BNA_E
ClientSampled :
MDL-W-7

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.5	17.4	26.0#
279	31.7	25.9	38.9

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 26.96 min Scan# 4421
Delta R.T. 0.00 min
Lab File: BE093082.D
Acq: 8 Jun 2017 15:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	21.8	32.8
277	27.5	20.5	30.7

