

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060917\
 Data File : BE093090.D
 Acq On : 9 Jun 2017 14:21
 Operator : SJ/MA
 Sample : MDL-S-05
 Misc : 0.07 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-S-05

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Quant Time: Jun 09 15:37:48 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 17:42:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	6633	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	29891	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	15109	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	41775	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	48007	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	46719	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	15172	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	37659	0.33	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.57	128	3801	0.051	ng/ul#	95
5) 2-Methylnaphthalene	12.19	142	2377	0.047	ng/ul	97
7) Acenaphthylene	14.09	152	2726	0.042	ng/ul	97
8) Acenaphthene	14.43	153	2594	0.050	ng/ul	97
9) Fluorene	15.42	166	2739	0.045	ng/ul	91
11) Pentachlorophenol	16.75	266	186	0.030	ng/ul#	89
12) Phenanthrene	17.14	178	5816	0.051	ng/ul#	88
13) Anthracene	17.22	178	4334	0.043	ng/ul#	88
15) Fluoranthene	19.15	202	6517	0.046	ng/ul	85
17) Pyrene	19.52	202	6607	0.047	ng/ul#	83
18) Benzo(a)anthracene	21.24	228	5863	0.046	ng/ul#	87
19) Chrysene	21.29	228	6652	0.050	ng/ul	95
21) Benzo(b)fluoranthene	22.93	252	5860	0.041	ng/ul	92
22) Benzo(k)fluoranthene	22.98	252	6863m	0.046	ng/ul	
23) Benzo(a)pyrene	23.56	252	5656	0.042	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.18	276	6927	0.045	ng/ul#	85
25) Dibenzo(a,h)anthracene	26.20	278	5995	0.046	ng/ul#	80
26) Benzo(g,h,i)perylene	26.95	276	6040	0.045	ng/ul	98

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

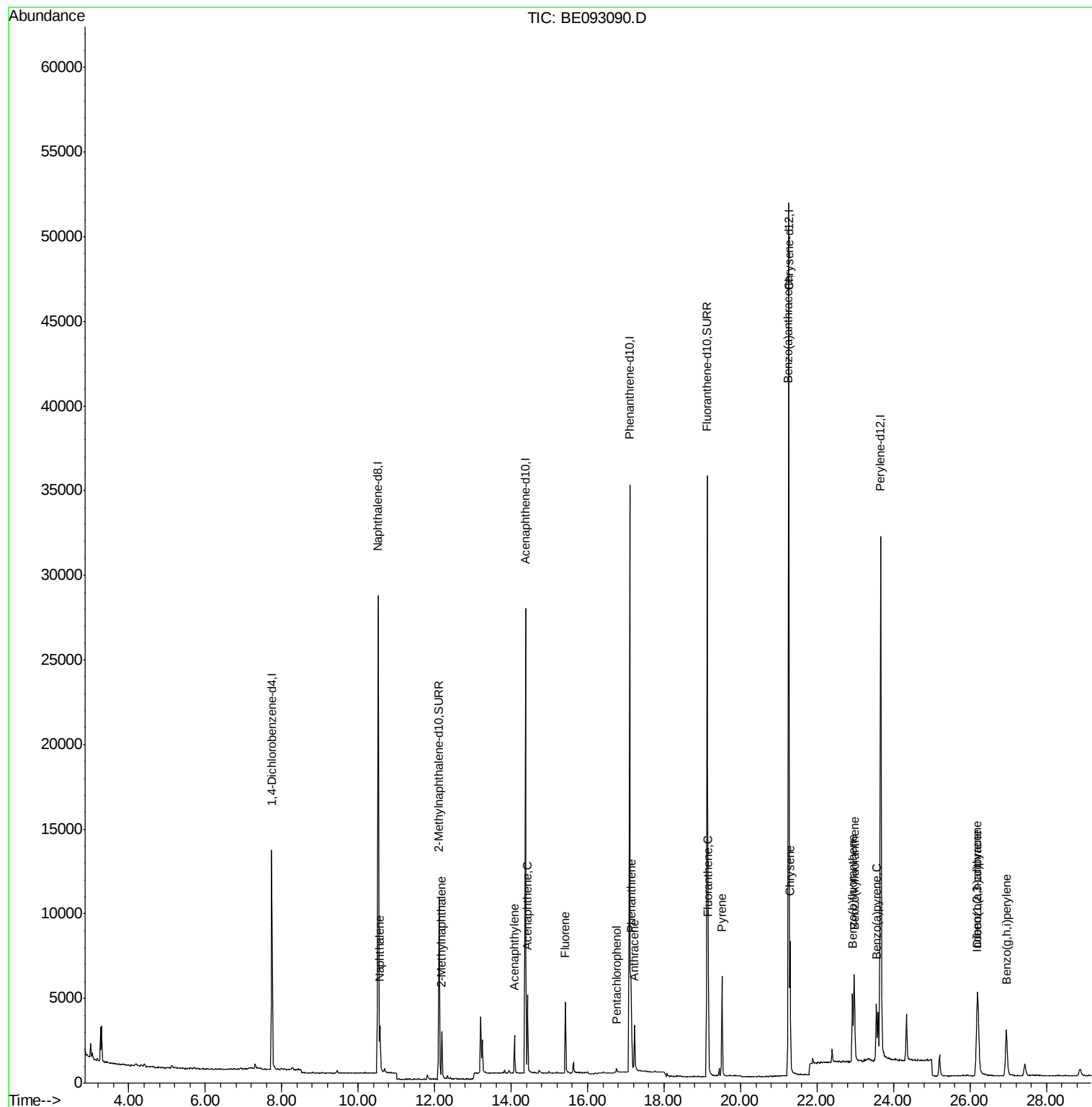
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060917\
Data File : BE093090.D
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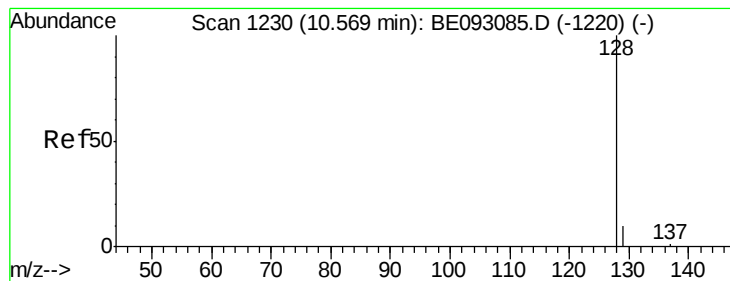
Instrument :
BNA_E
ClientSampled :
MDL-S-05

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#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BE093090.D

Acq: 9 Jun 2017 14:21

Instrument :

BNA_E

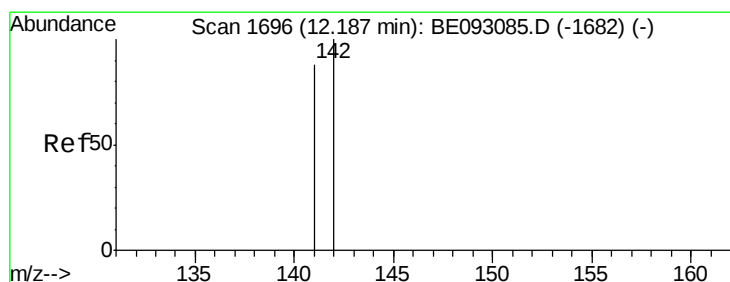
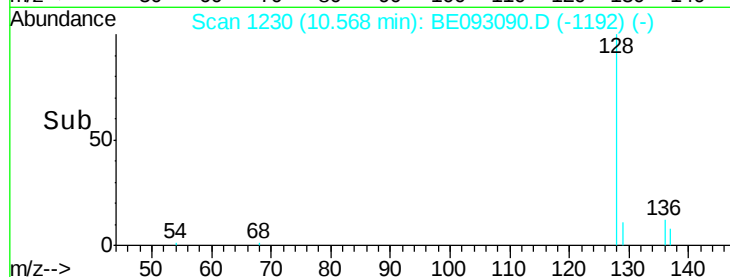
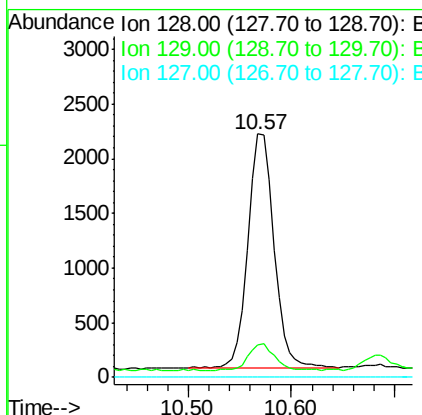
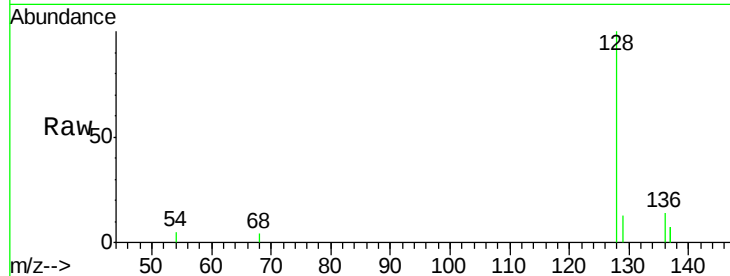
ClientSampleId :

MDL-S-05

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	3801		
129	13.4		11.3	16.9
127	0.0		4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.047 ng/ul

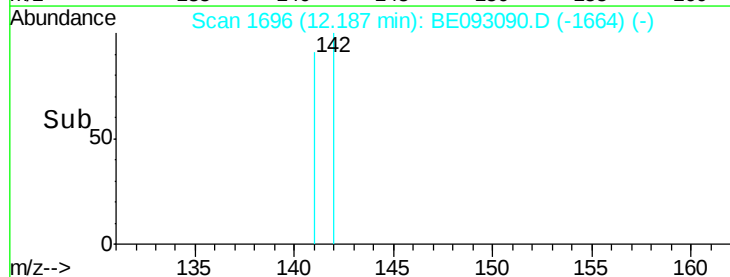
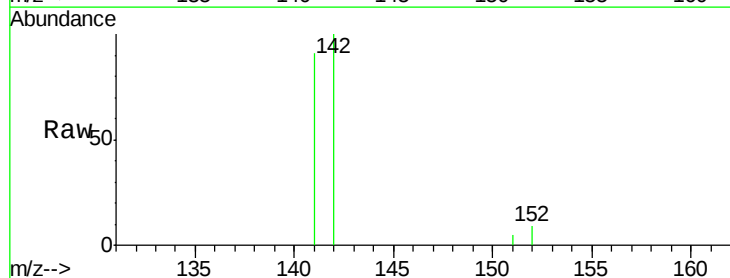
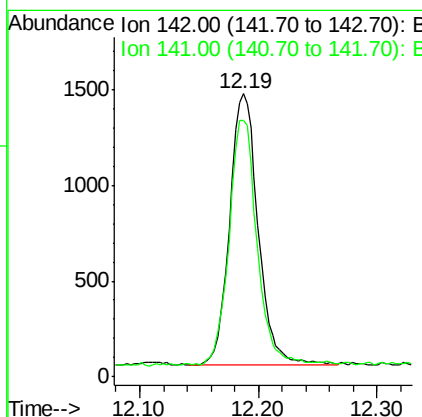
RT: 12.19 min Scan# 1696

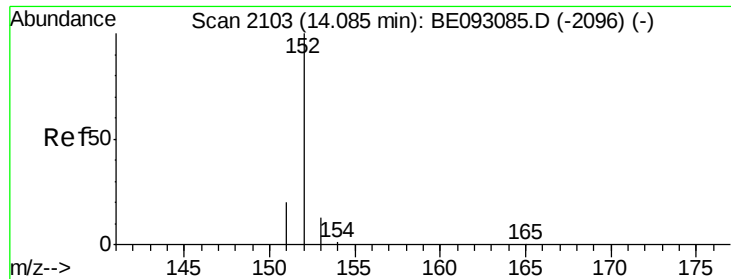
Delta R.T. -0.00 min

Lab File: BE093090.D

Acq: 9 Jun 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	2377		
141	88.3		72.6	108.8





#7

Acenaphthylene

Concen: 0.042 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093090.D

Acq: 9 Jun 2017 14:21

Instrument :

BNA_E

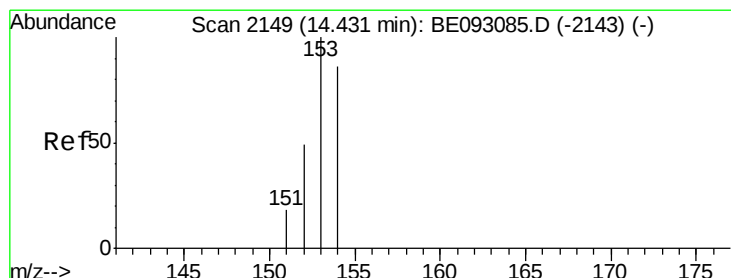
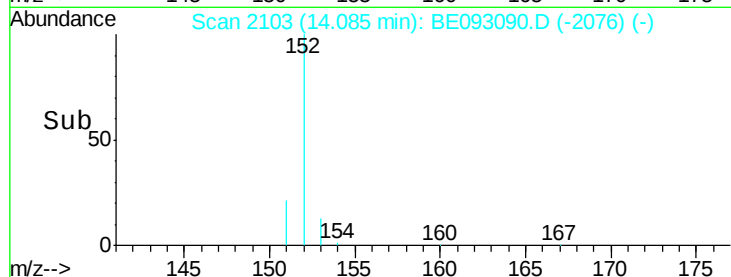
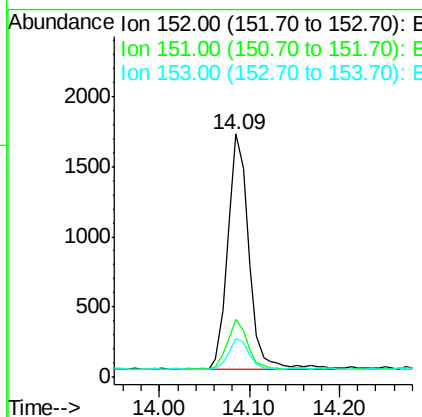
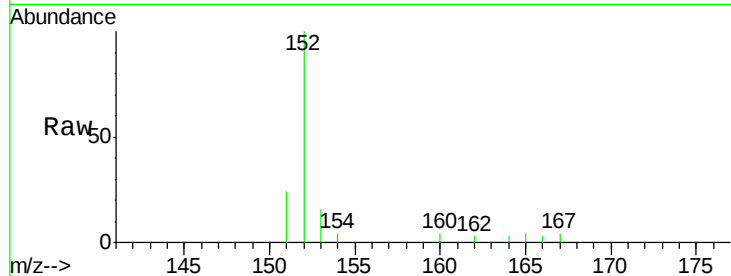
ClientSampleId :

MDL-S-05

Tgt Ion:	152	Resp:	2726
Ion Ratio	Lower	Upper	
152	100		
151	24.0	17.1	25.7
153	15.8	12.8	19.2

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#8

Acenaphthene

Concen: 0.050 ng/ul

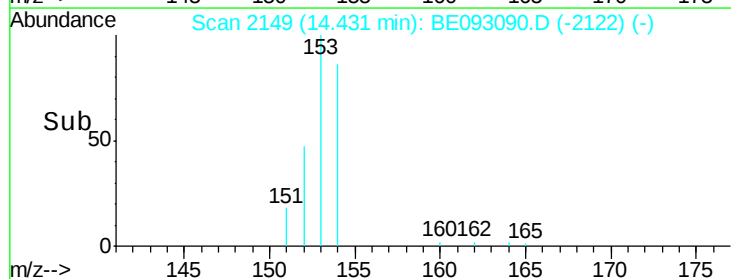
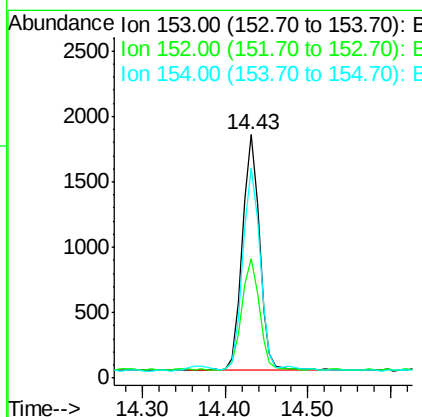
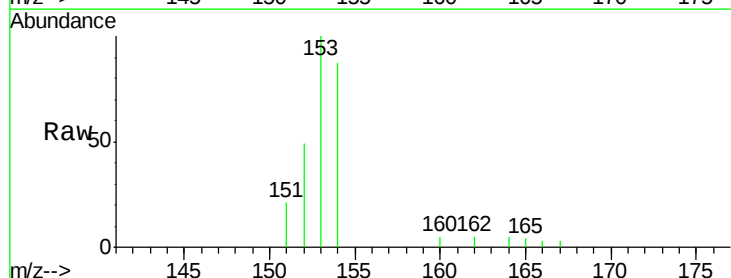
RT: 14.43 min Scan# 2149

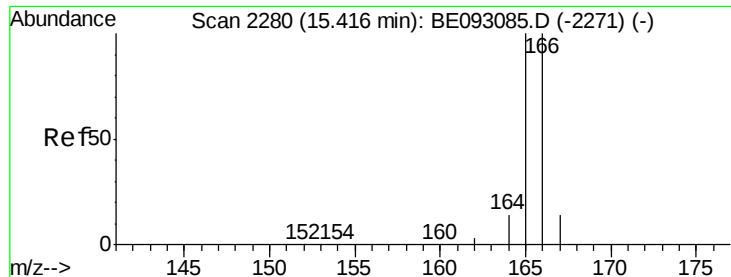
Delta R.T. -0.00 min

Lab File: BE093090.D

Acq: 9 Jun 2017 14:21

Tgt Ion:	153	Resp:	2594
Ion Ratio	Lower	Upper	
153	100		
152	49.2	40.3	60.5
154	86.5	71.4	107.2





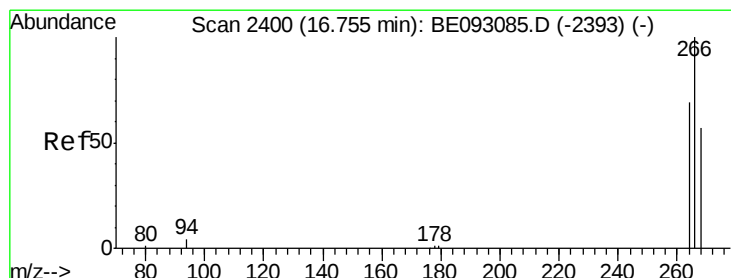
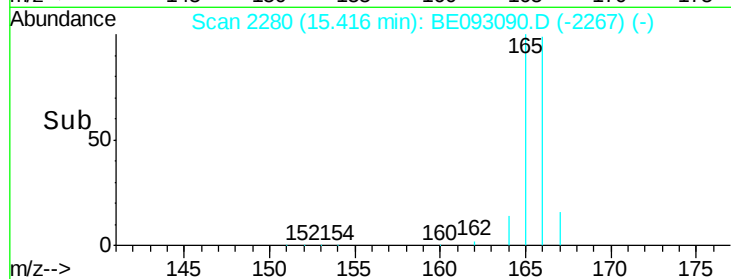
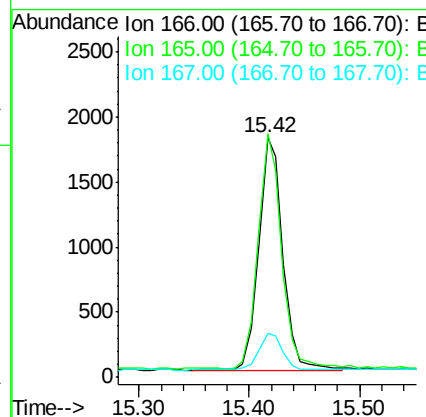
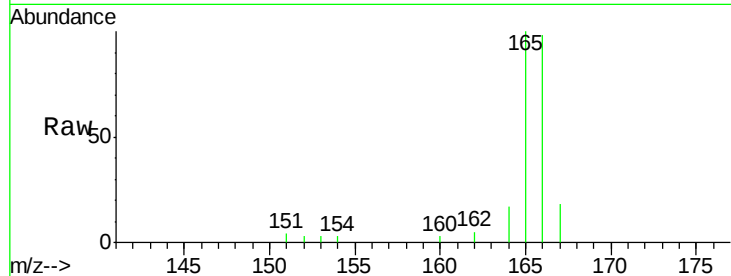
#9
Fluorene
 Concen: 0.045 ng/ul
 RT: 15.42 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE093090.D
 Acq: 9 Jun 2017 14:21

Instrument :
 BNA_E
 ClientSampleID :
 MDL-S-05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	73.4	110.2
167	18.3	14.6	22.0

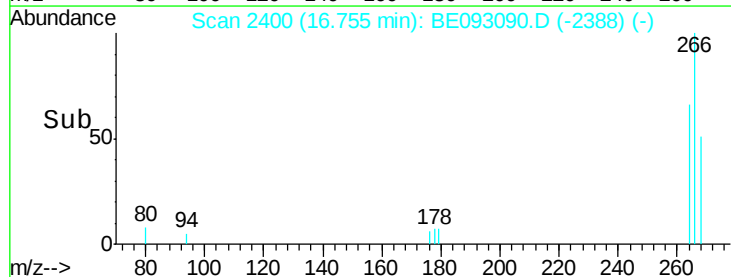
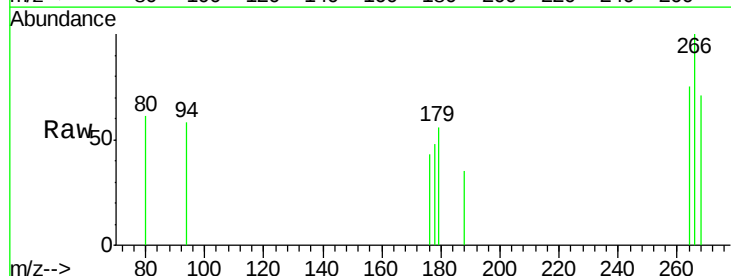
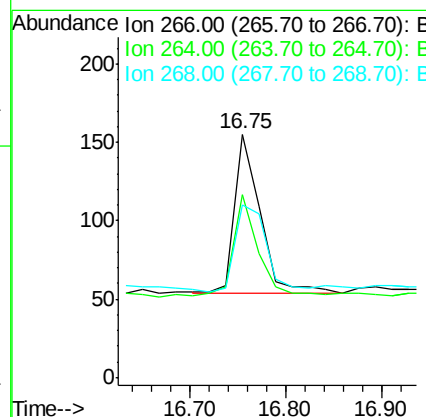
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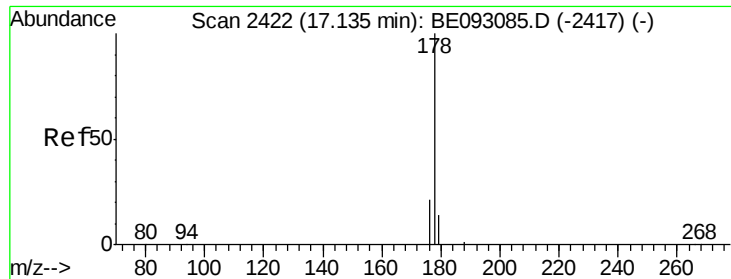
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#11
Pentachlorophenol
 Concen: 0.030 ng/ul
 RT: 16.75 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BE093090.D
 Acq: 9 Jun 2017 14:21

Tgt Ion	Ratio	Lower	Upper
266	100		
264	72.6	47.9	71.9#
268	66.7	49.8	74.8





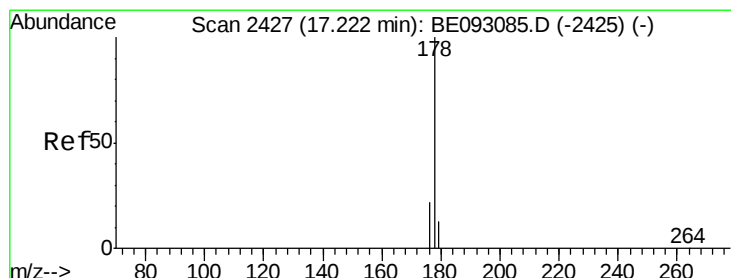
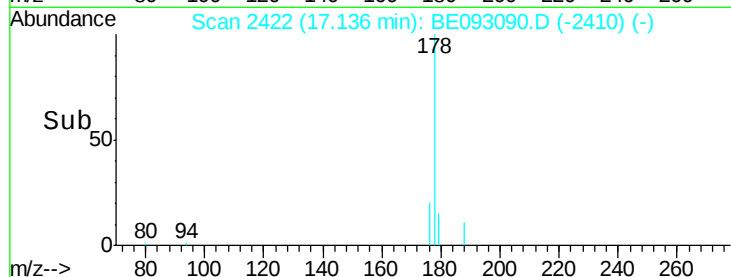
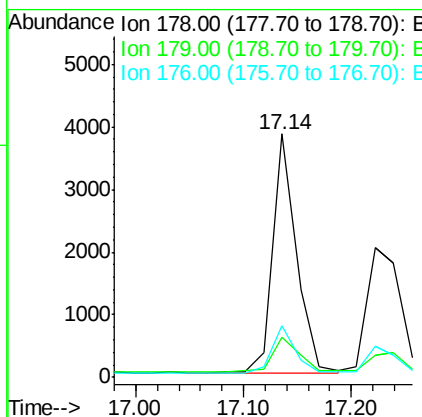
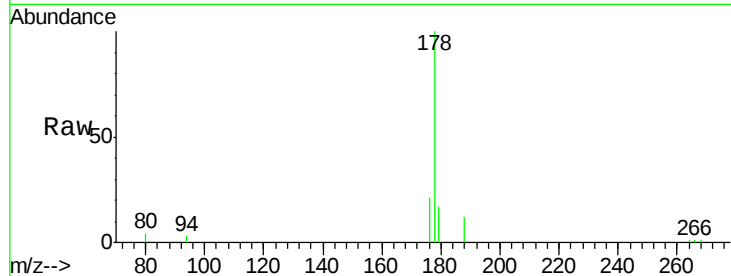
#12
Phenanthrene
Concen: 0.051 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093090.D
Acq: 9 Jun 2017 14:21

Instrument :
BNA_E
ClientSampled :
MDL-S-05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	18.4	27.6#
176	21.0	13.6	20.4#

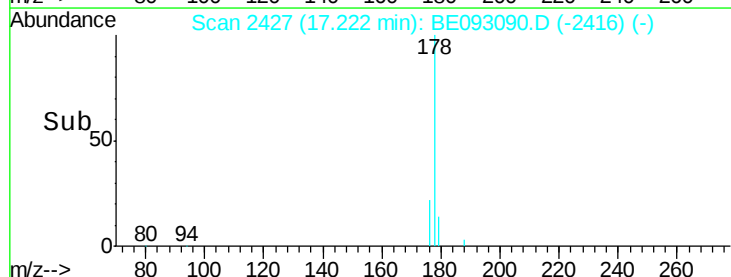
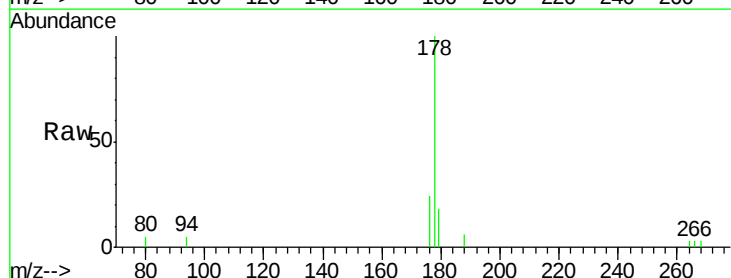
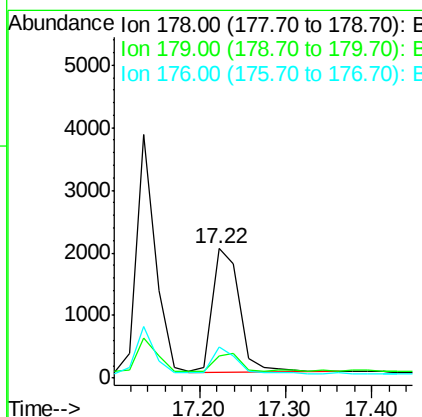
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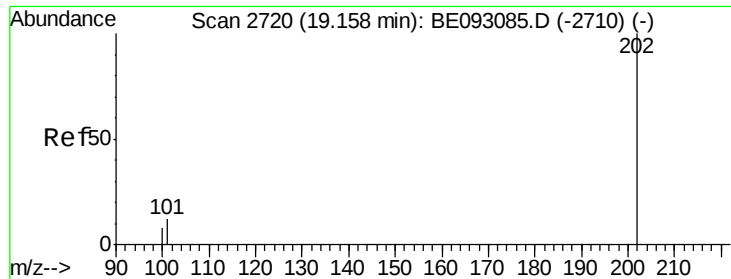
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#13
Anthracene
Concen: 0.043 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BE093090.D
Acq: 9 Jun 2017 14:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.6	18.1	27.1#
176	24.3	14.7	22.1#





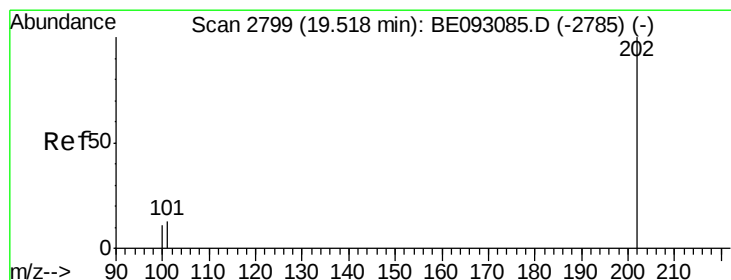
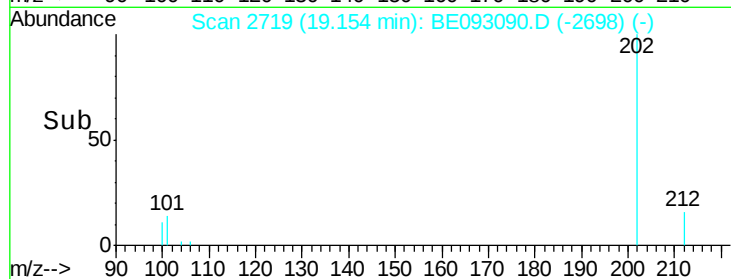
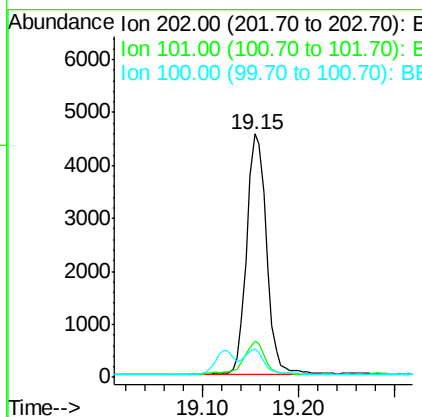
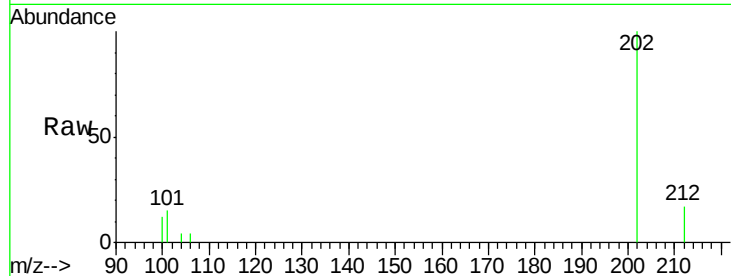
#15
Fluoranthene
Concen: 0.046 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093090.D
Acq: 9 Jun 2017 14:21

Instrument :
BNA_E
ClientSampleId :
MDL-S-05

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.7	0.0	30.3
100	11.8	0.0	39.5

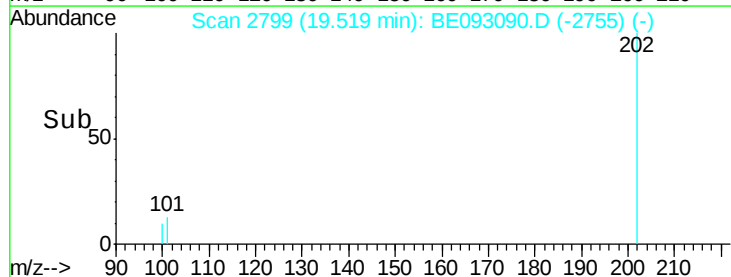
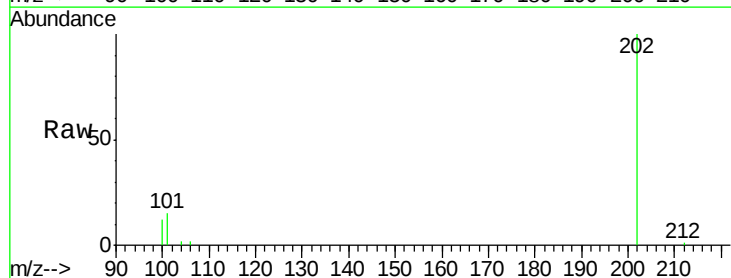
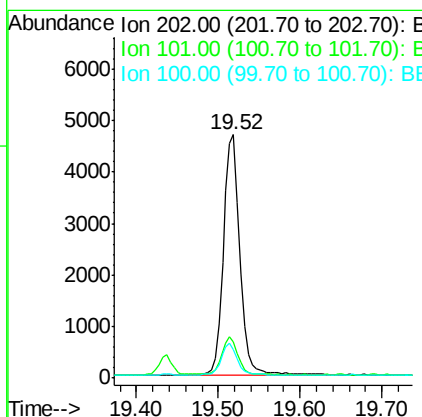
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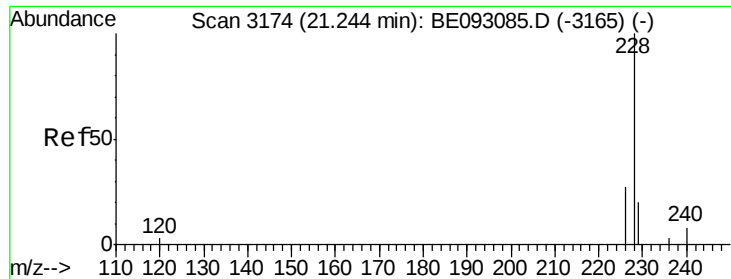
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#17
Pyrene
Concen: 0.047 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BE093090.D
Acq: 9 Jun 2017 14:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.7	18.2	27.4#
100	11.5	15.6	23.4#





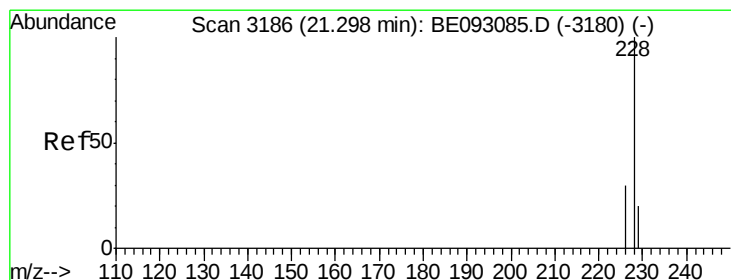
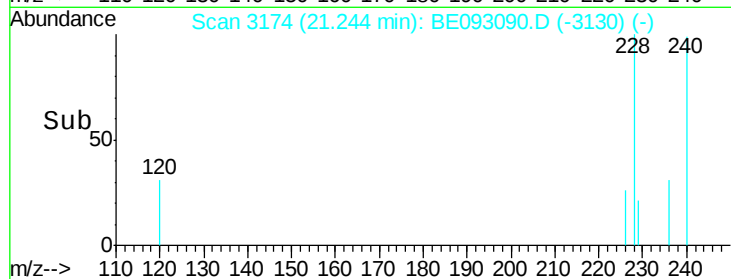
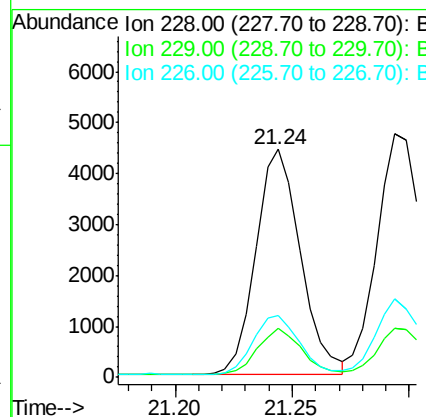
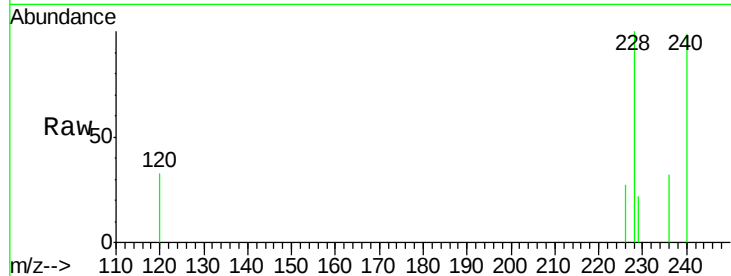
#18
Benzo(a)anthracene
Concen: 0.046 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093090.D
Acq: 9 Jun 2017 14:21

Instrument :
BNA_E
ClientSampleId :
MDL-S-05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	22.8	34.2#
226	27.0	17.0	25.6#

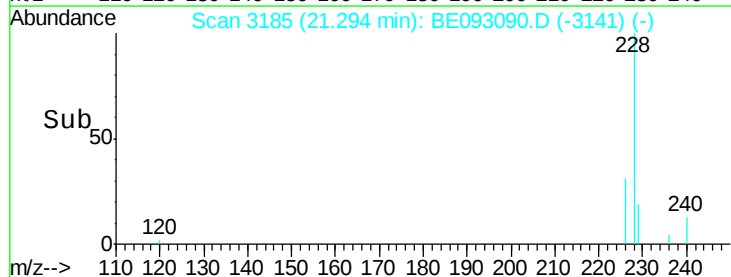
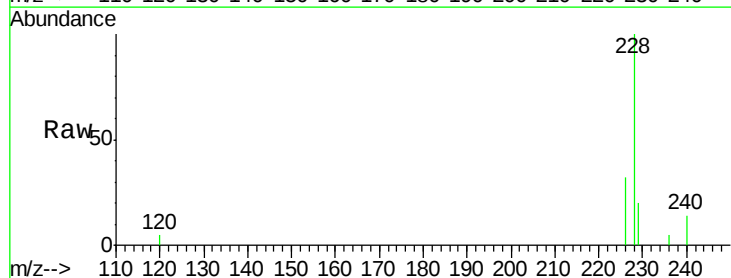
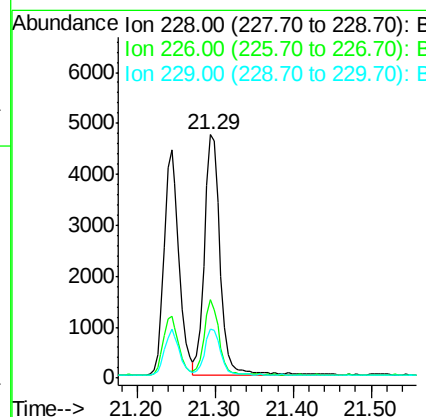
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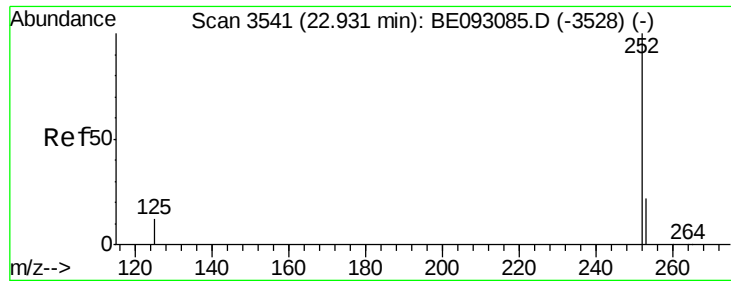
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#19
Chrysene
Concen: 0.050 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093090.D
Acq: 9 Jun 2017 14:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.4	35.0
229	20.1	17.7	26.5





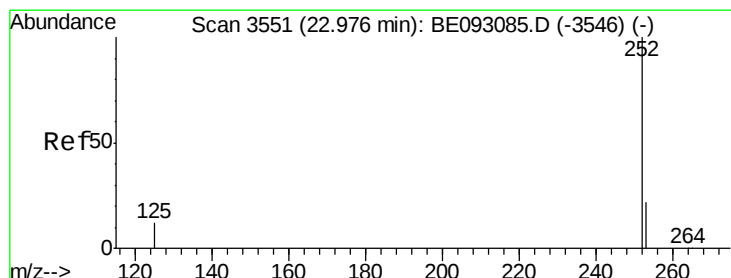
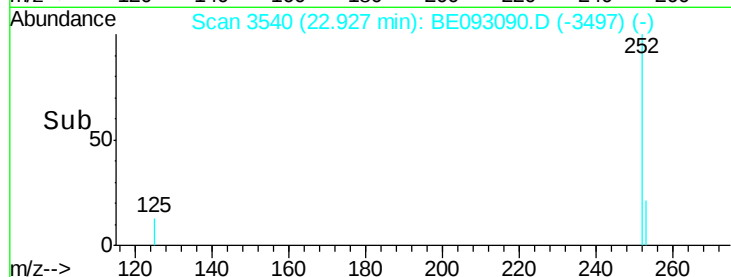
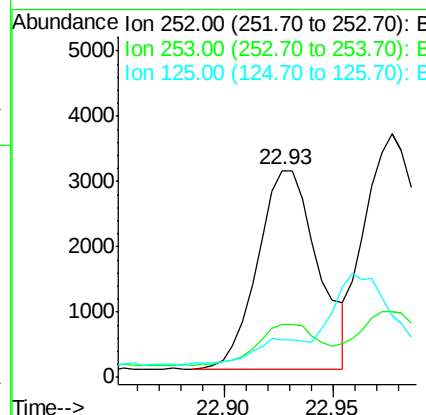
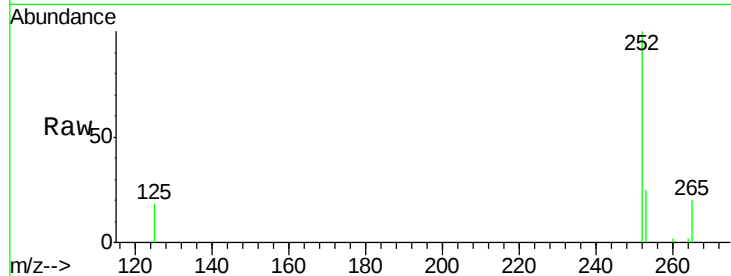
#21
Benzo(b)fluoranthene
Concen: 0.041 ng/ul
RT: 22.93 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BE093090.D
Acq: 9 Jun 2017 14:21

Instrument :
BNA_E
ClientSampleID :
MDL-S-05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	5860		
253	25.4	0.0	64.2	
125	18.2	0.0	35.0	

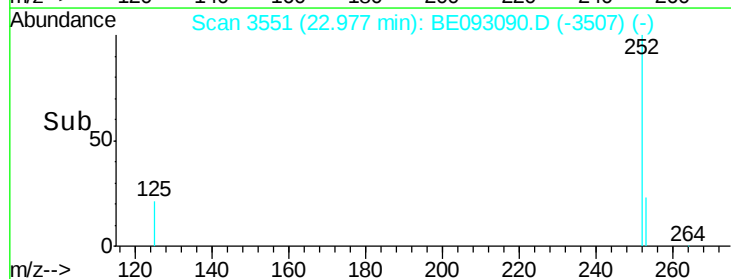
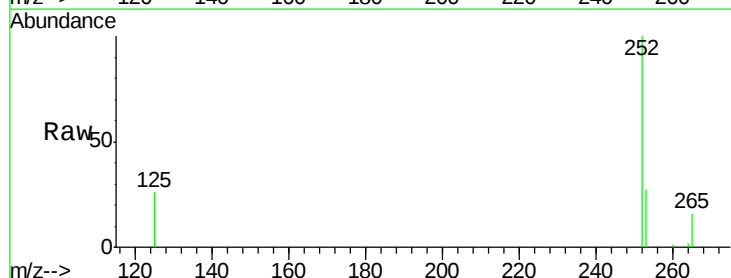
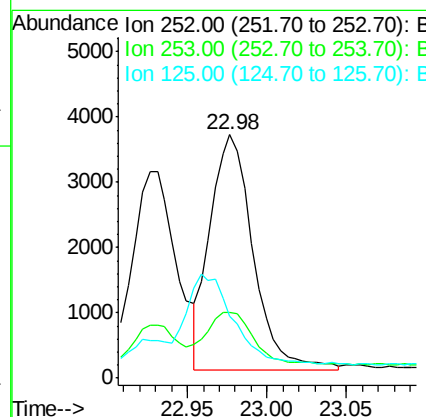
Manual Integrations
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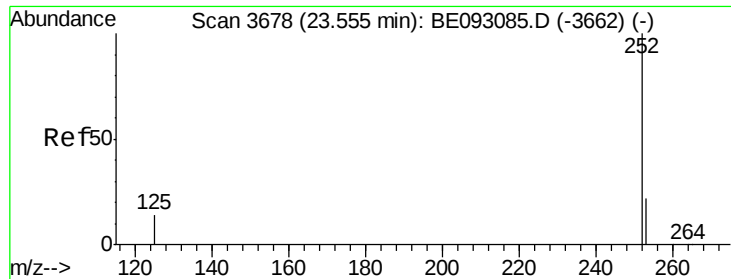
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#22
Benzo(k)fluoranthene
Concen: 0.046 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BE093090.D
Acq: 9 Jun 2017 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	6863		
253	27.0	24.5	36.7	
125	25.7	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: BE093090.D

Acq: 9 Jun 2017 14:21

Instrument :

BNA_E

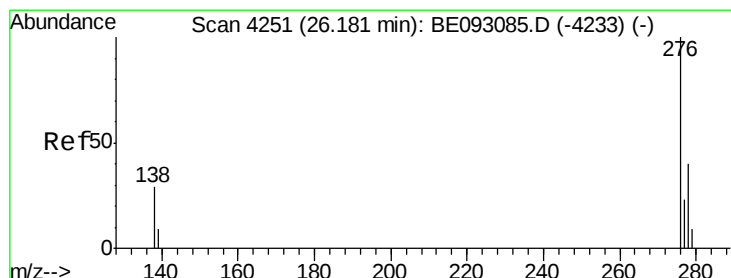
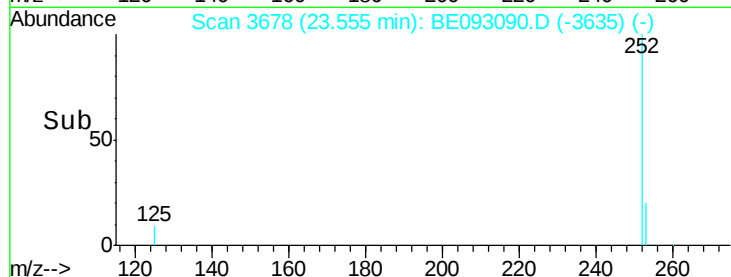
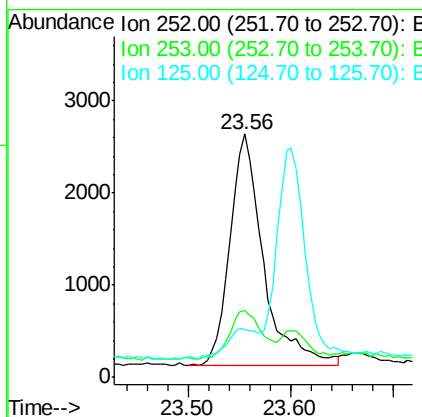
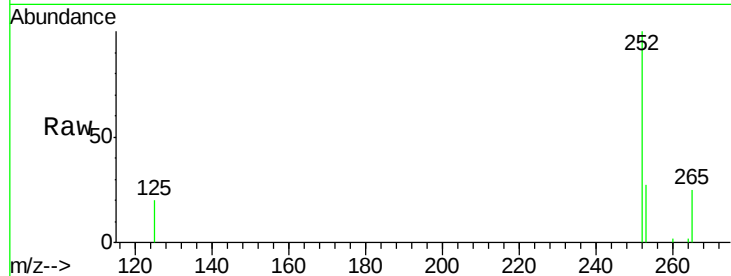
ClientSampleId :

MDL-S-05

Tgt Ion:	252	Resp:	5656
Ion Ratio	Lower	Upper	
252	100		
253	27.5	28.5	42.7#
125	19.8	18.1	27.1

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.045 ng/ul

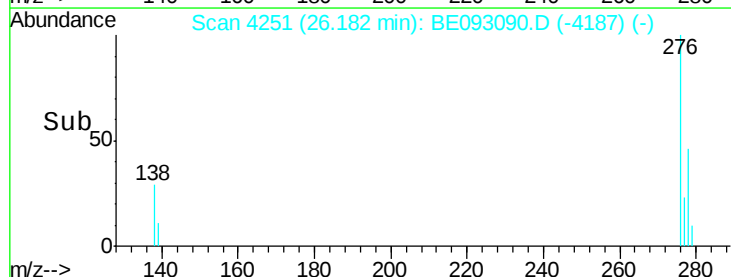
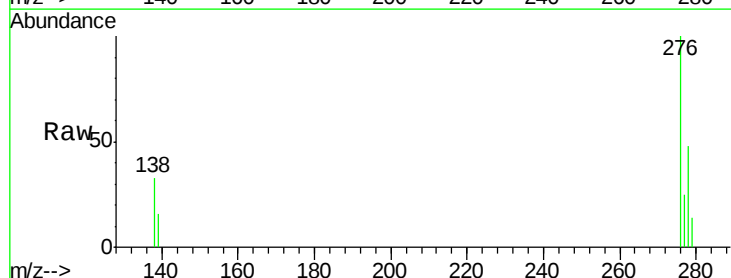
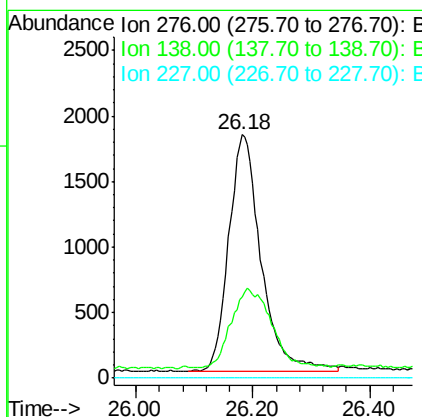
RT: 26.18 min Scan# 4251

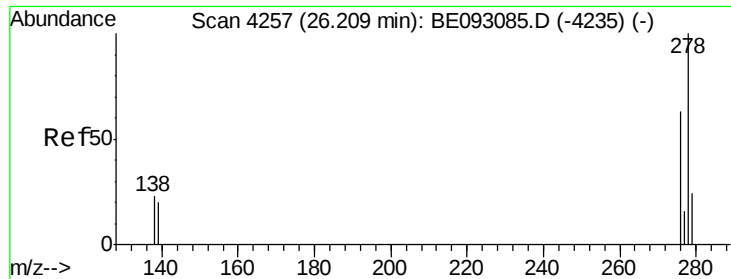
Delta R.T. -0.01 min

Lab File: BE093090.D

Acq: 9 Jun 2017 14:21

Tgt Ion:	276	Resp:	6927
Ion Ratio	Lower	Upper	
276	100		
138	41.5	28.0	42.0
227	0.0	8.0	12.0#





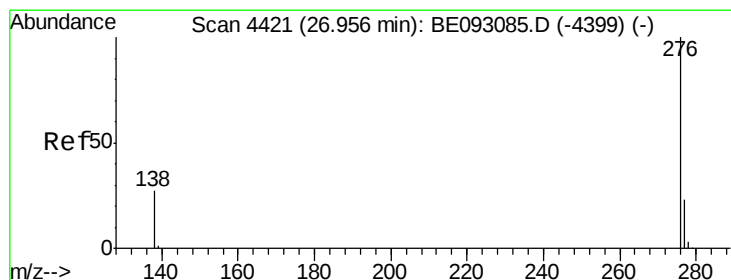
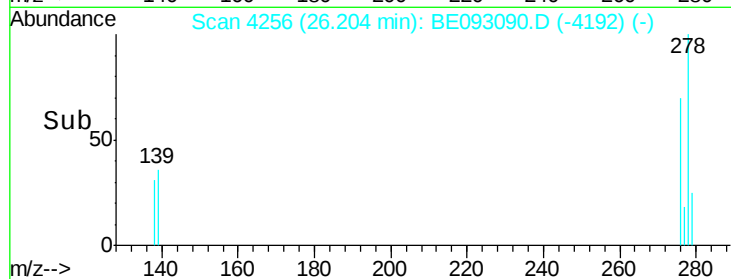
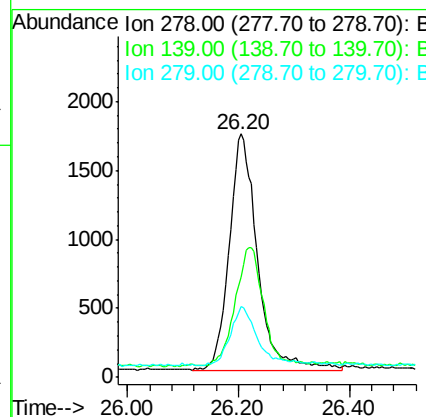
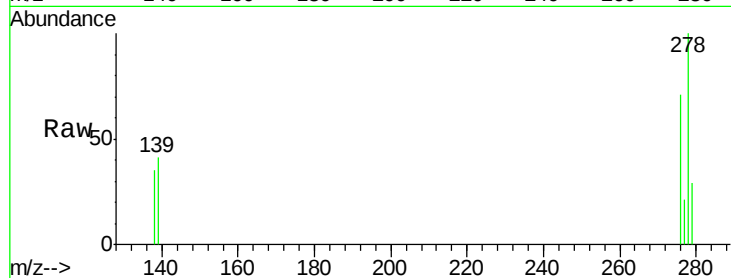
#25
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 26.20 min Scan# 4256
Delta R.T. -0.01 min
Lab File: BE093090.D
Acq: 9 Jun 2017 14:21

Instrument :
BNA_E
ClientSampleId :
MDL-S-05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.1	17.4	26.0#
279	29.3	25.9	38.9

Manual Integrations
APPROVED

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#26
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 26.95 min Scan# 4420
Delta R.T. -0.00 min
Lab File: BE093090.D
Acq: 9 Jun 2017 14:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	21.8	32.8
277	26.5	20.5	30.7

