

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
 Data File : BE093214.D
 Acq On : 15 Jun 2017 18:41
 Operator : SJ/MA
 Sample : I3521-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C54DL

Manual Integrations
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mohammad
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Quant Time: Jun 16 05:06:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 04:43:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2895	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	14947	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8774	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20837	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21470	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	19746	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1507	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	4020	0.07	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	2638	0.071	ng/ul#	94
5) 2-Methylnaphthalene	12.19	142	651	0.026	ng/ul	98
7) Acenaphthylene	14.09	152	8452	0.224	ng/ul	97
8) Acenaphthene	14.43	153	449	0.015	ng/ul	94
12) Phenanthrene	17.14	178	79189	1.381	ng/ul#	88
13) Anthracene	17.22	178	15706	0.315	ng/ul#	88
15) Fluoranthene	19.15	202	142641	2.029	ng/ul	84
17) Pyrene	19.52	202	102833	1.624	ng/ul#	82
18) Benzo(a)anthracene	21.24	228	26971	0.471	ng/ul#	85
19) Chrysene	21.29	228	58605	0.986	ng/ul	97
21) Benzo(b)fluoranthene	22.94	252	66162m	1.104	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	24283m	0.382	ng/ul	
23) Benzo(a)pyrene	23.56	252	20677	0.365	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.19	276	21002	0.320	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.20	278	4813	0.087	ng/ul#	66
26) Benzo(g,h,i)perylene	26.96	276	16862	0.300	ng/ul#	93

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

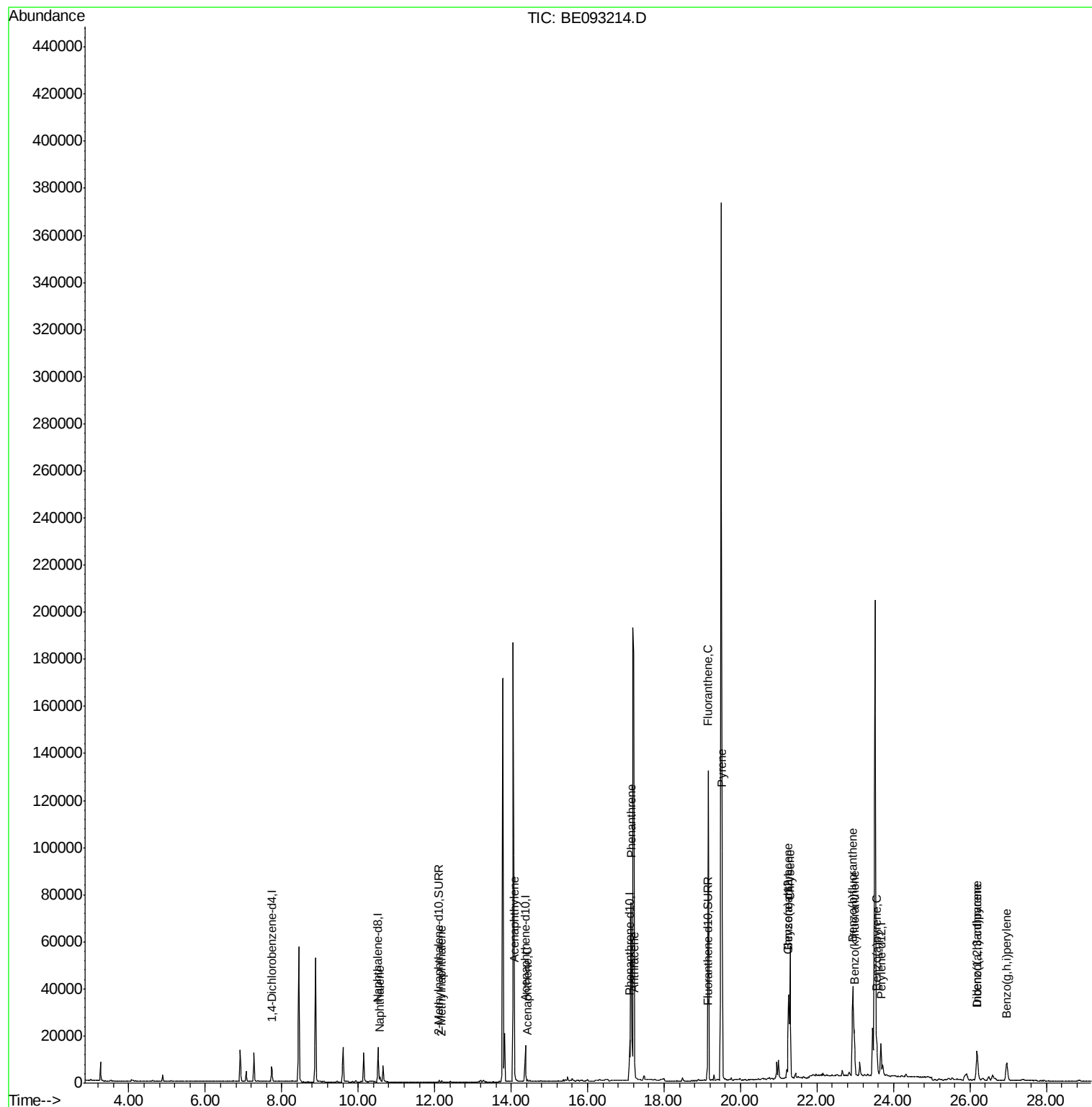
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093214.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

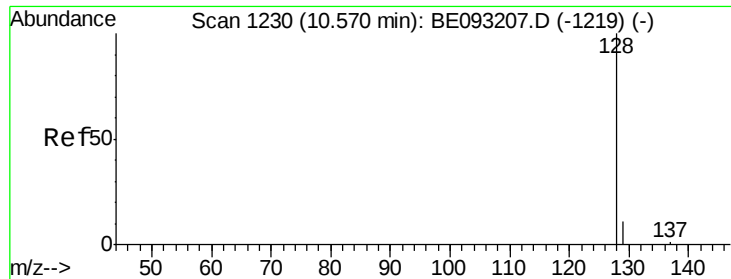
Instrument :
BNA_E
ClientSampled :
F5C54DL

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Quant Time: Jun 16 05:06:10 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.071 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE093214.D

Acq: 15 Jun 2017 18:41

Instrument :

BNA_E

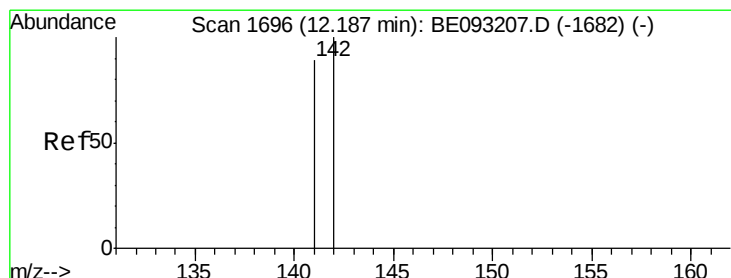
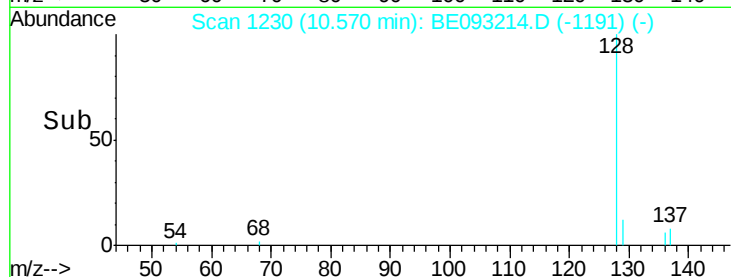
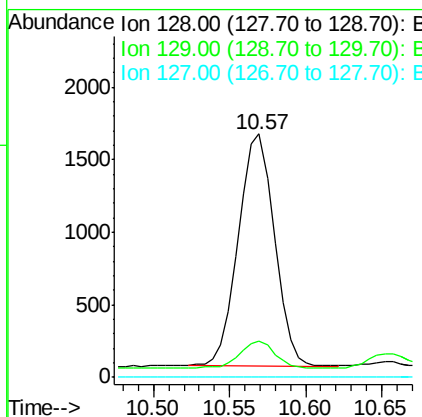
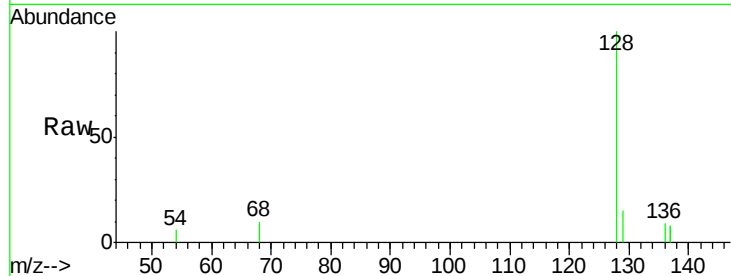
ClientSampleId :

F5C54DL

Tgt Ion:	128	Resp:	2638
Ion Ratio	Lower	Upper	
128	100		
129	15.1	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.026 ng/ul

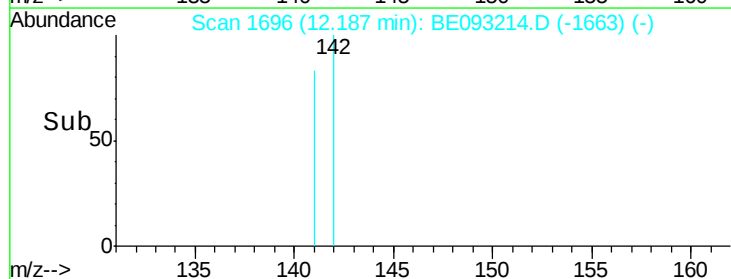
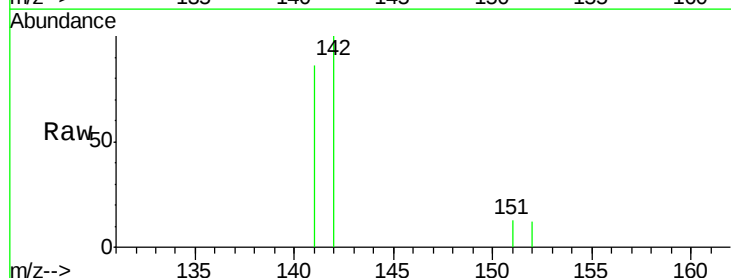
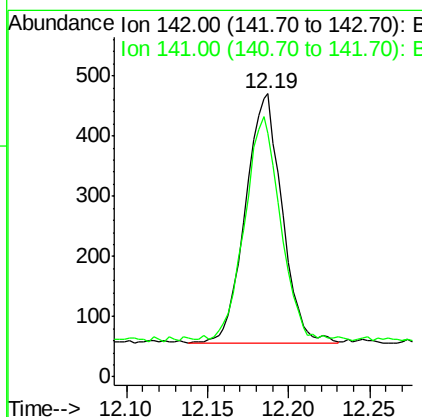
RT: 12.19 min Scan# 1696

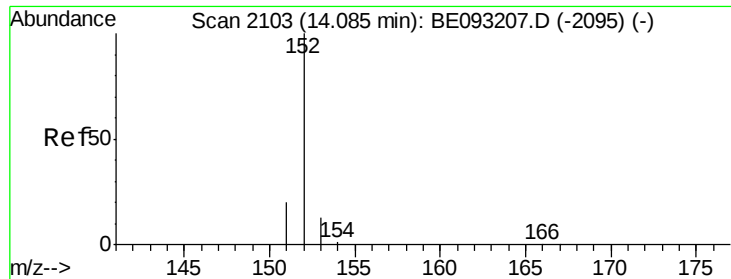
Delta R.T. 0.00 min

Lab File: BE093214.D

Acq: 15 Jun 2017 18:41

Tgt Ion:	142	Resp:	651
Ion Ratio	Lower	Upper	
142	100		
141	88.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.224 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093214.D

Acq: 15 Jun 2017 18:41

Instrument :

BNA_E

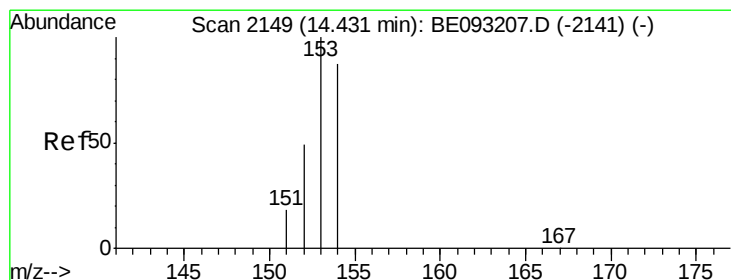
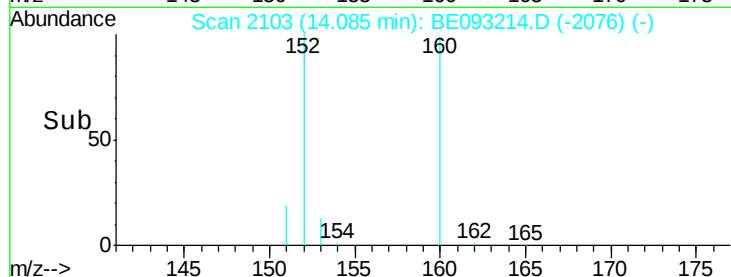
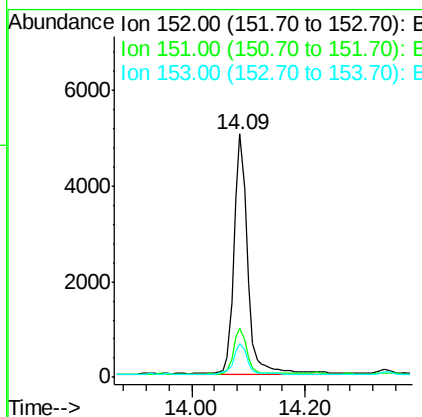
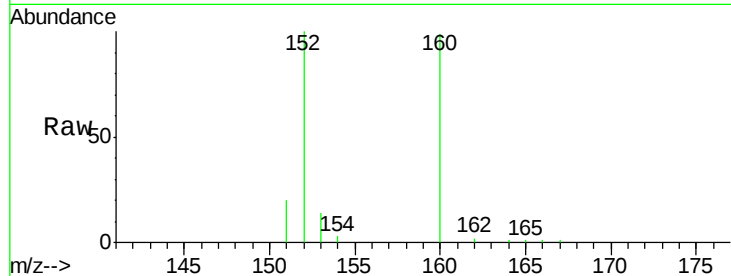
ClientSampleId :

F5C54DL

Tgt Ion:	152	Resp:	8452
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.1	25.7
153	13.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.015 ng/ul

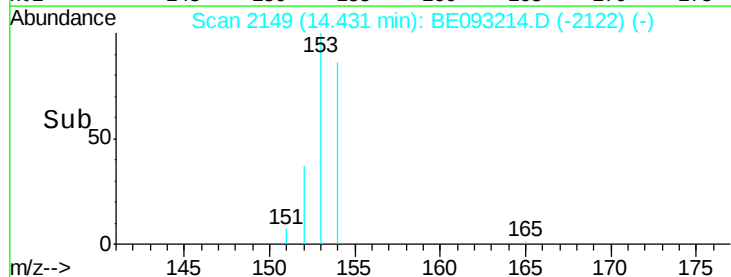
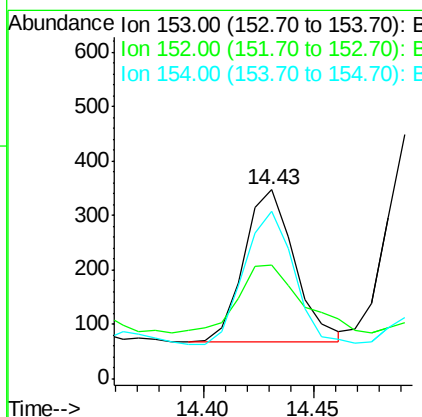
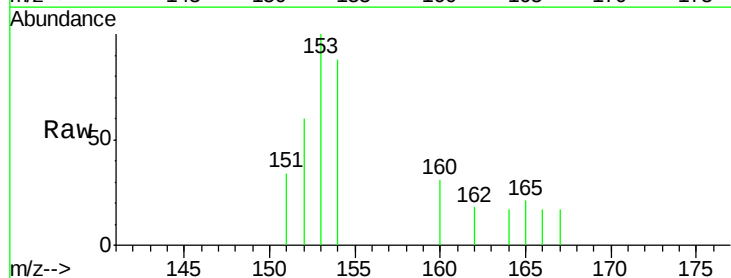
RT: 14.43 min Scan# 2149

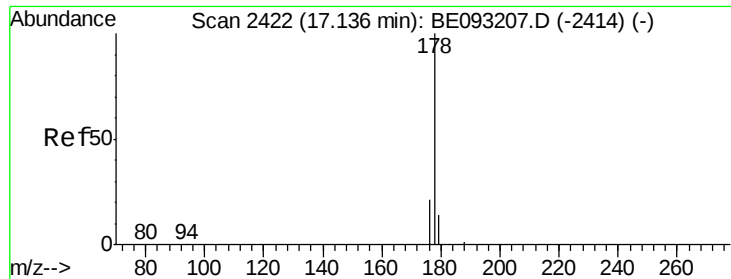
Delta R.T. 0.00 min

Lab File: BE093214.D

Acq: 15 Jun 2017 18:41

Tgt Ion:	153	Resp:	449
Ion Ratio	Lower	Upper	
153	100		
152	60.2	40.3	60.5
154	88.2	71.4	107.2





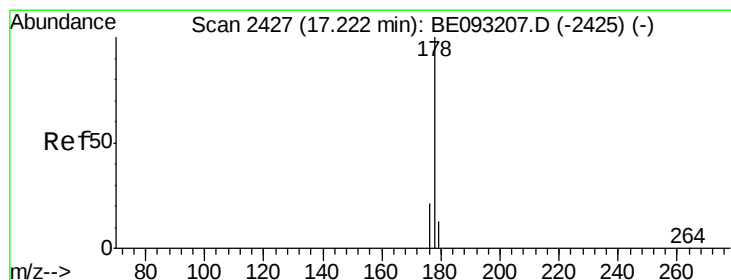
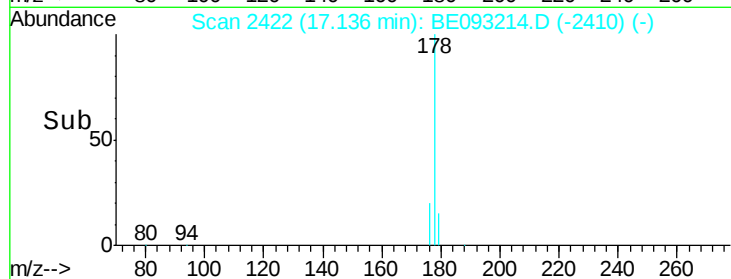
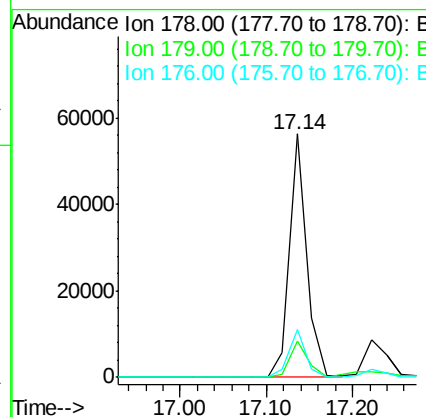
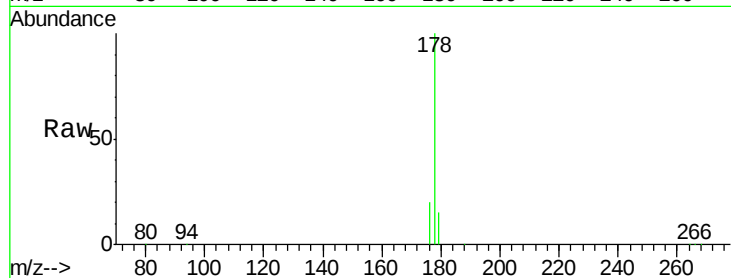
#12
Phenanthrene
Concen: 1.381 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :
F5C54DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.4	27.6#
176	19.9	13.6	20.4

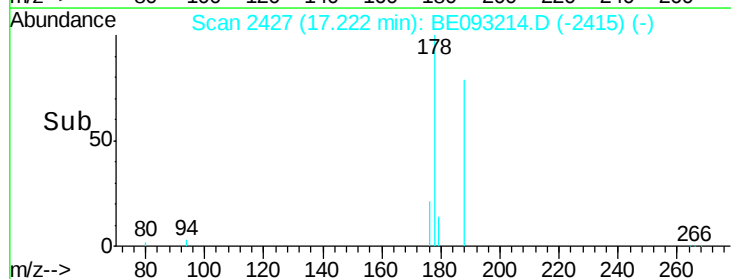
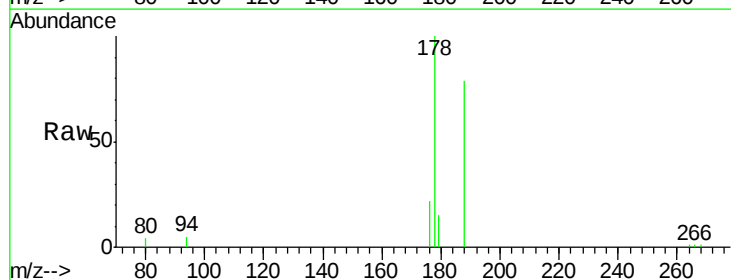
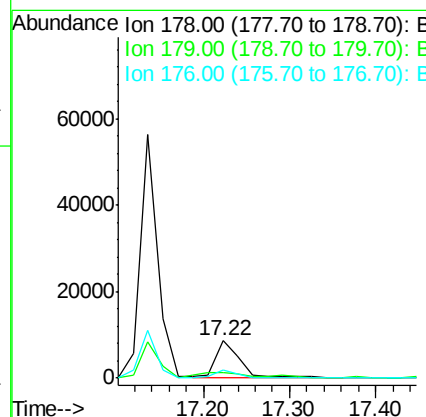
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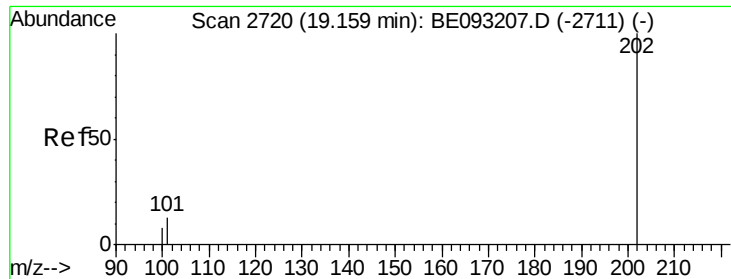
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#13
Anthracene
Concen: 0.315 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	22.1	14.7	22.1#





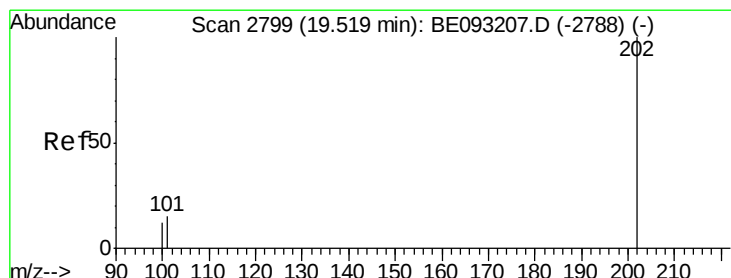
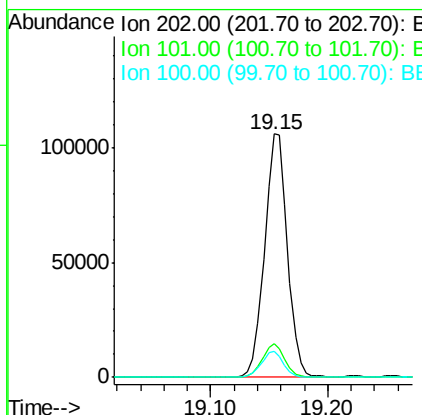
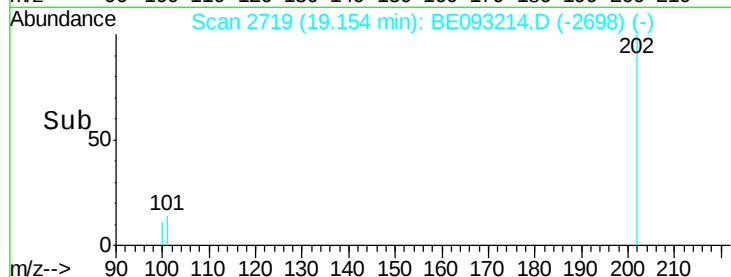
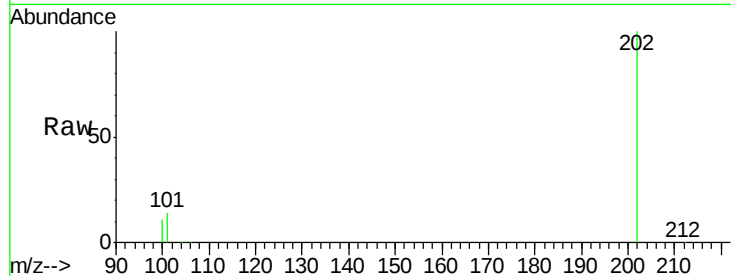
#15
Fluoranthene
Concen: 2.029 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :
F5C54DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.0	0.0	30.3
100	10.6	0.0	39.5

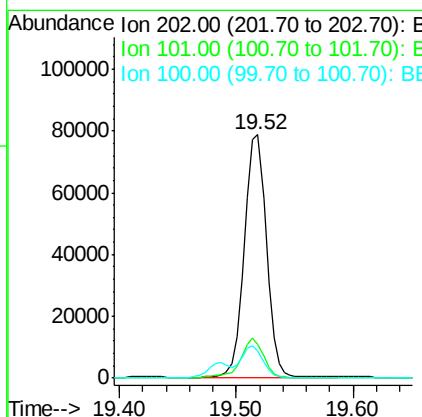
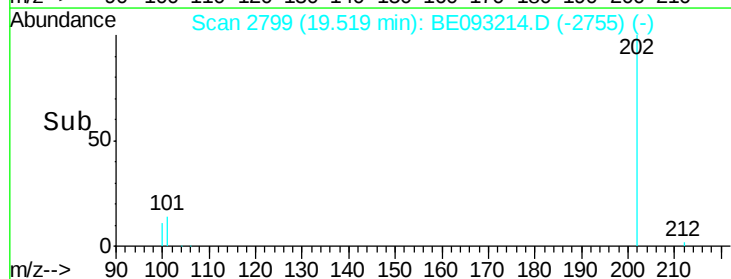
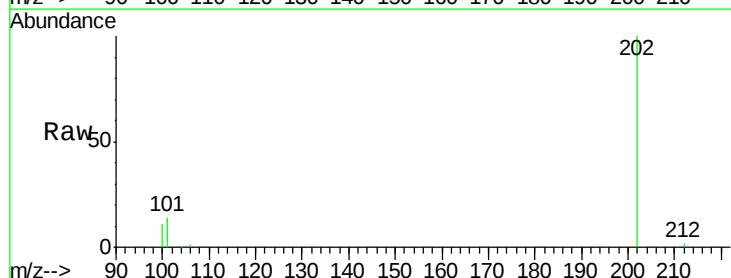
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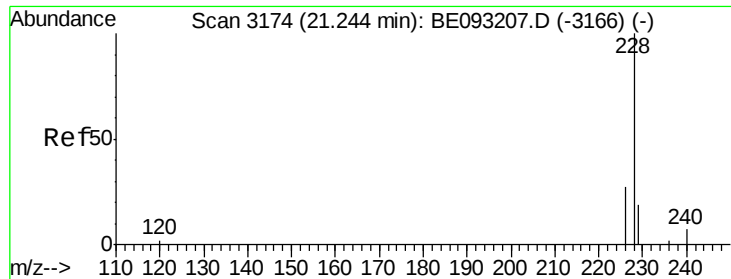
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#17
Pyrene
Concen: 1.624 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.1	18.2	27.4#
100	11.2	15.6	23.4#





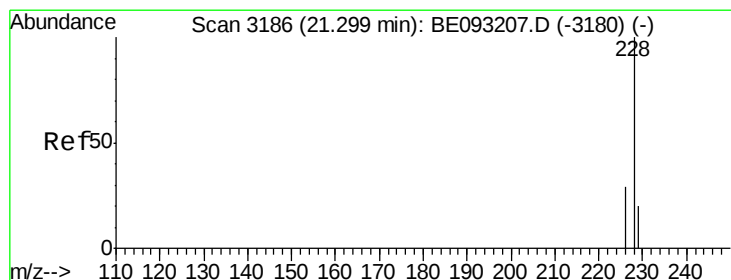
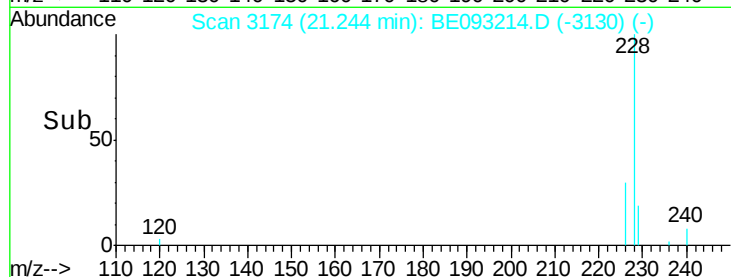
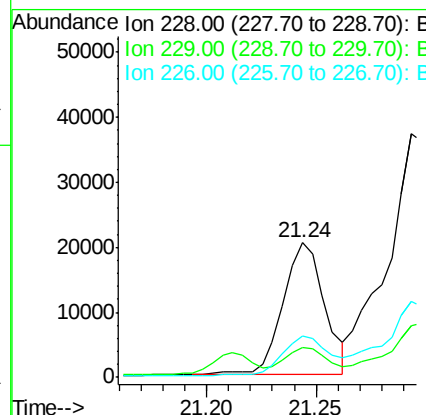
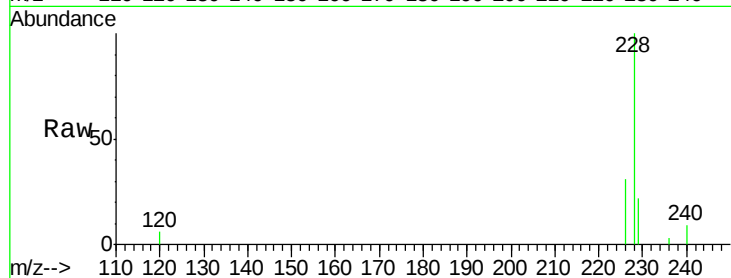
#18
Benzo(a)anthracene
Concen: 0.471 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :
F5C54DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	22.8	34.2#
226	30.6	17.0	25.6#

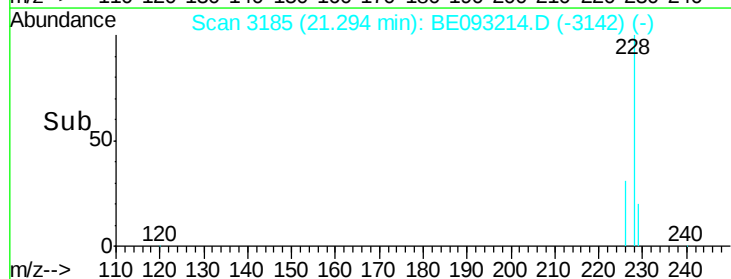
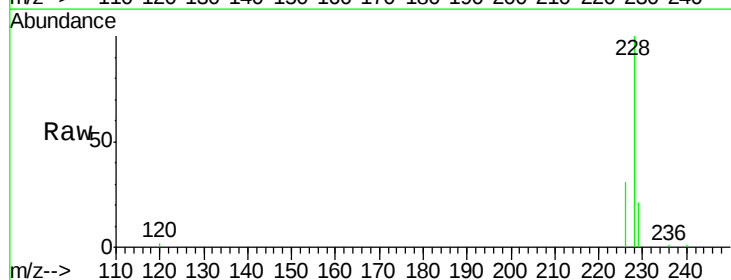
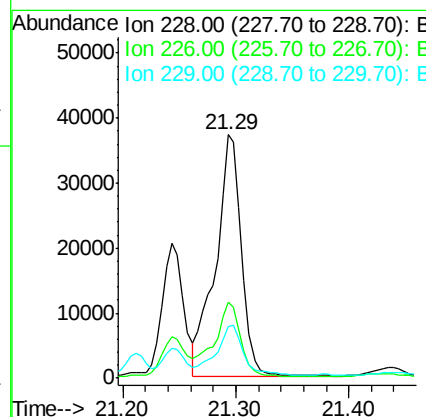
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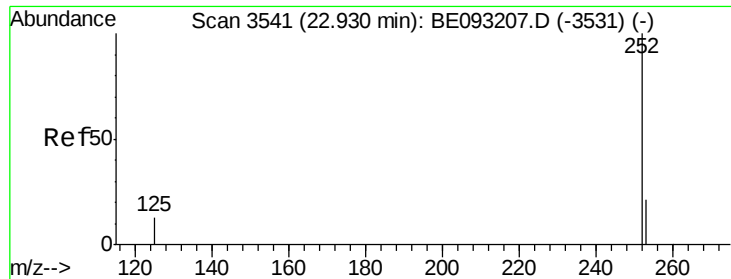
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#19
Chrysene
Concen: 0.986 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.0
229	21.4	17.7	26.5





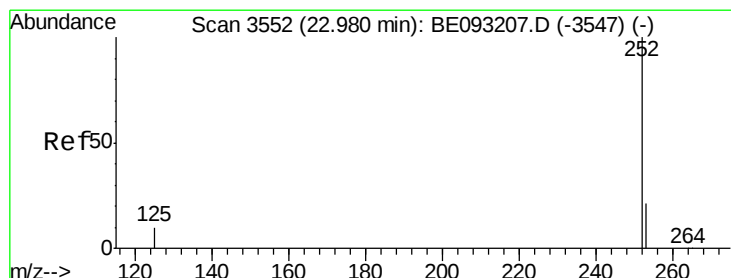
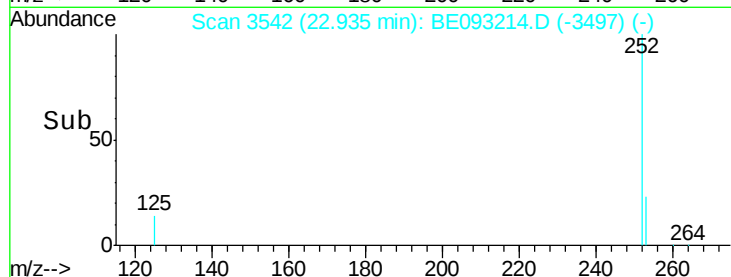
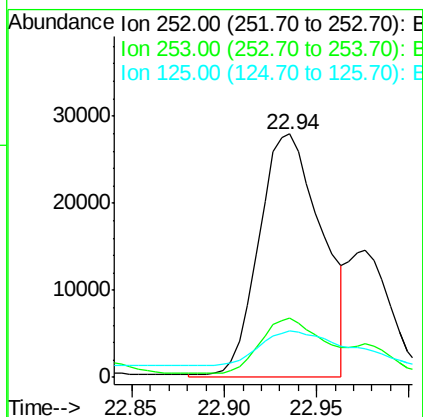
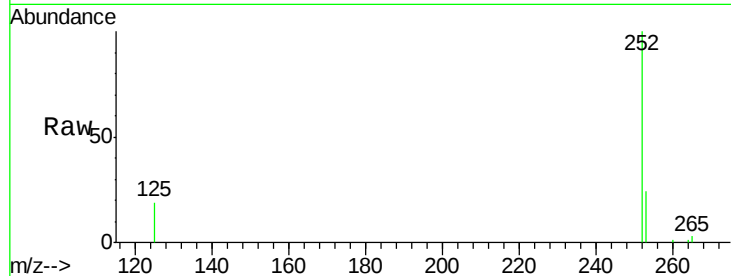
#21
Benzo(b)fluoranthene
Concen: 1.104 ng/ul m
RT: 22.94 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :
F5C54DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	64.2
125	18.9	0.0	35.0

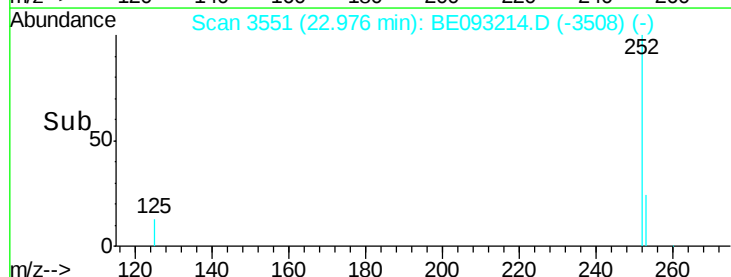
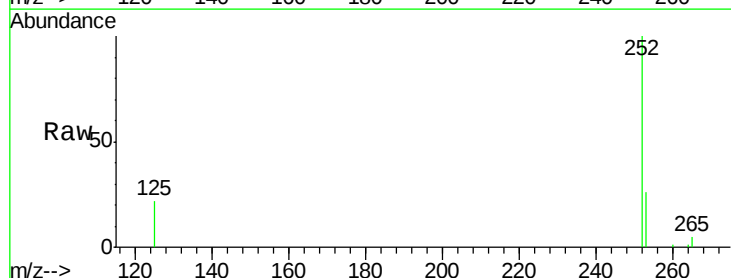
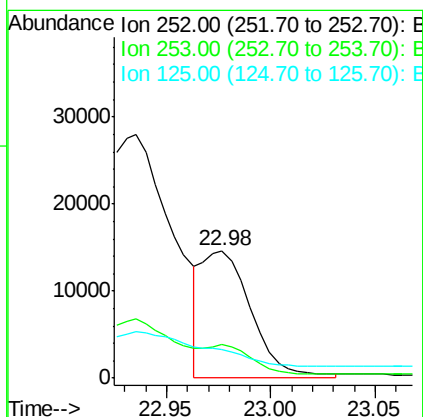
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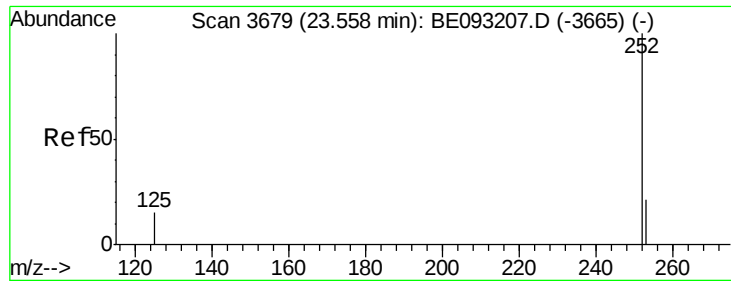
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#22
Benzo(k)fluoranthene
Concen: 0.382 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	24.5	36.7
125	22.4	13.7	20.5





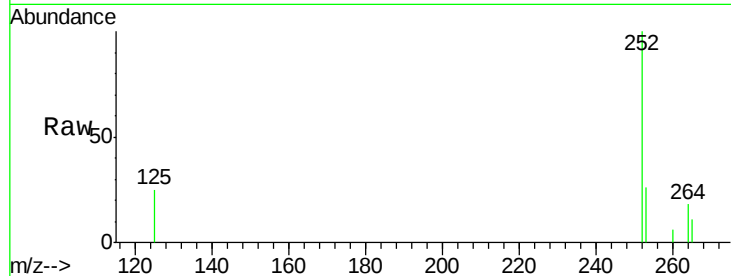
#23
Benzo(a)pyrene
Concen: 0.365 ng/u1
RT: 23.56 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :
F5C54DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	28.5	42.7#
125	25.0	18.1	27.1

Manual Integrations
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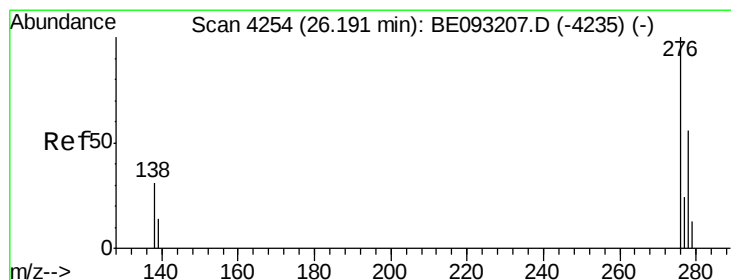
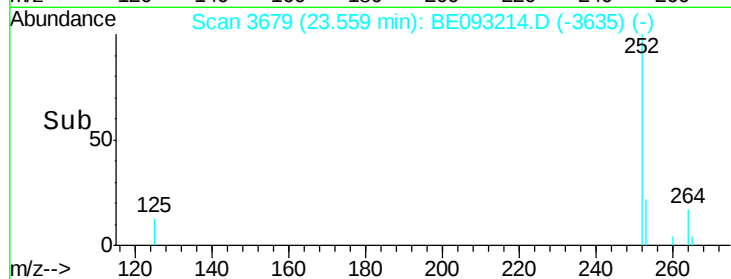
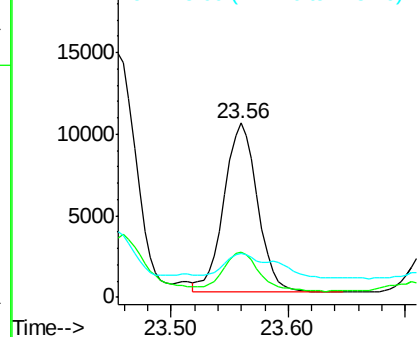


Abundance

Ion 252.00 (251.70 to 252.70): E

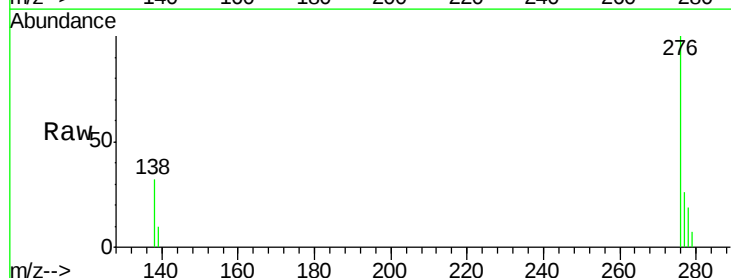
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.320 ng/u1
RT: 26.19 min Scan# 4252
Delta R.T. -0.01 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	28.0	42.0
227	0.0	8.0	12.0#

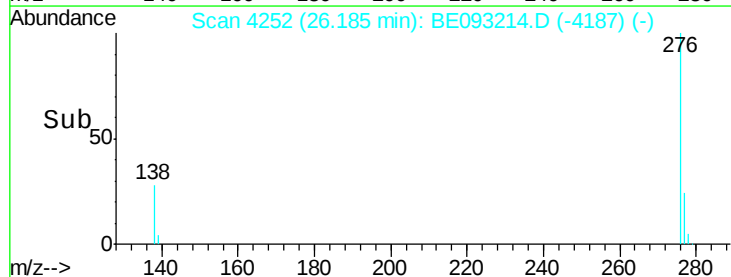
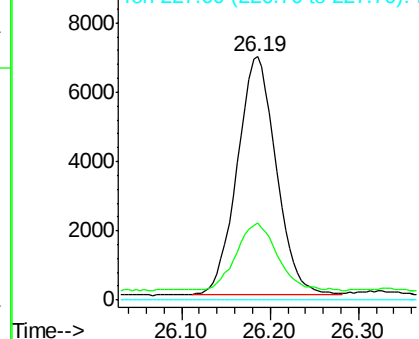


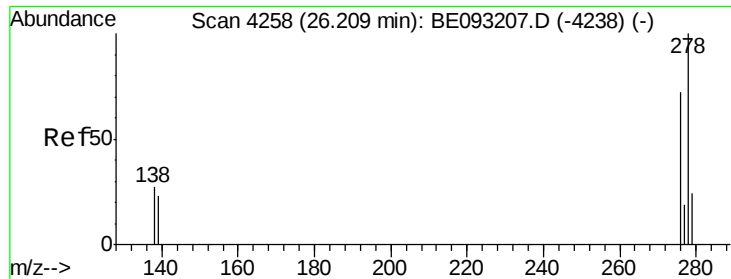
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





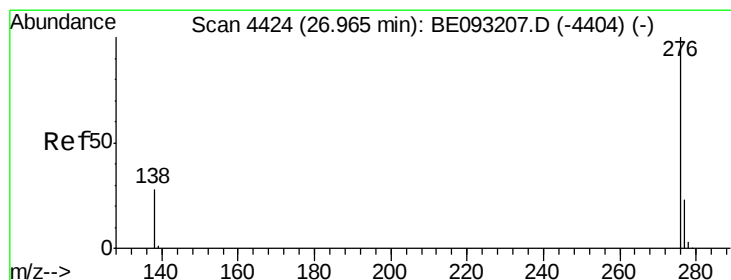
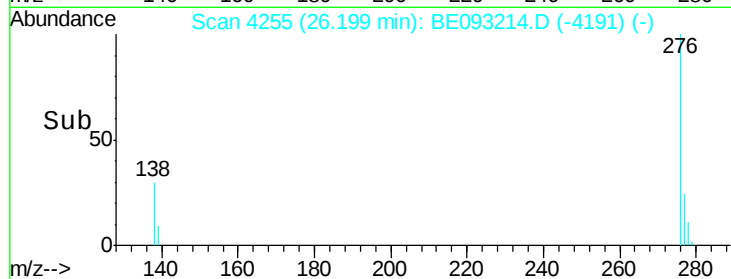
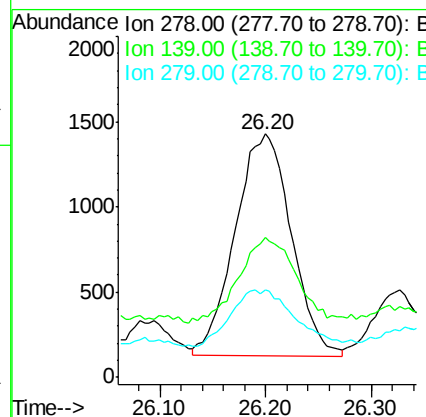
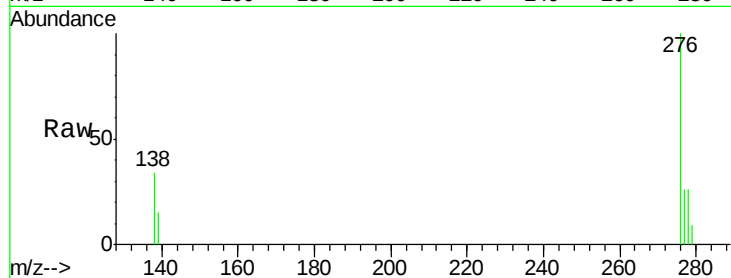
#25
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 26.20 min Scan# 4255
Delta R.T. -0.01 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Instrument :
BNA_E
ClientSampleId :
F5C54DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	57.3	17.4	26.0#
279	35.8	25.9	38.9

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:37 AM



#26
Benzo(g,h,i)perylene
Concen: 0.300 ng/ul
RT: 26.96 min Scan# 4422
Delta R.T. -0.01 min
Lab File: BE093214.D
Acq: 15 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.0	21.8	32.8#
277	25.7	20.5	30.7

