

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
 Data File : BE093245.D
 Acq On : 19 Jun 2017 11:44
 Operator : SJ/MA
 Sample : I3599-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A73

Manual Integrations
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mohammad
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Quant Time: Jun 20 14:48:58 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 04:17:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2425	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12771	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8022	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	18682m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	17344	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	13908m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5553	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	14808	0.29	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.57	128	9059	0.286	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	2294	0.106	ng/ul	100
7) Acenaphthylene	14.08	152	559	0.016	ng/ul#	66
8) Acenaphthene	14.43	153	3027	0.109	ng/ul	98
9) Fluorene	15.42	166	4810	0.148	ng/ul	91
12) Phenanthrene	17.14	178	24653	0.480	ng/ul#	88
13) Anthracene	17.22	178	8901	0.199	ng/ul#	90
15) Fluoranthene	19.15	202	14909	0.237	ng/ul	84
17) Pyrene	19.52	202	13801	0.270	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	3187	0.069	ng/ul#	89
19) Chrysene	21.30	228	3226	0.067	ng/ul#	87
21) Benzo(b)fluoranthene	22.94	252	3271	0.077	ng/ul#	42

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

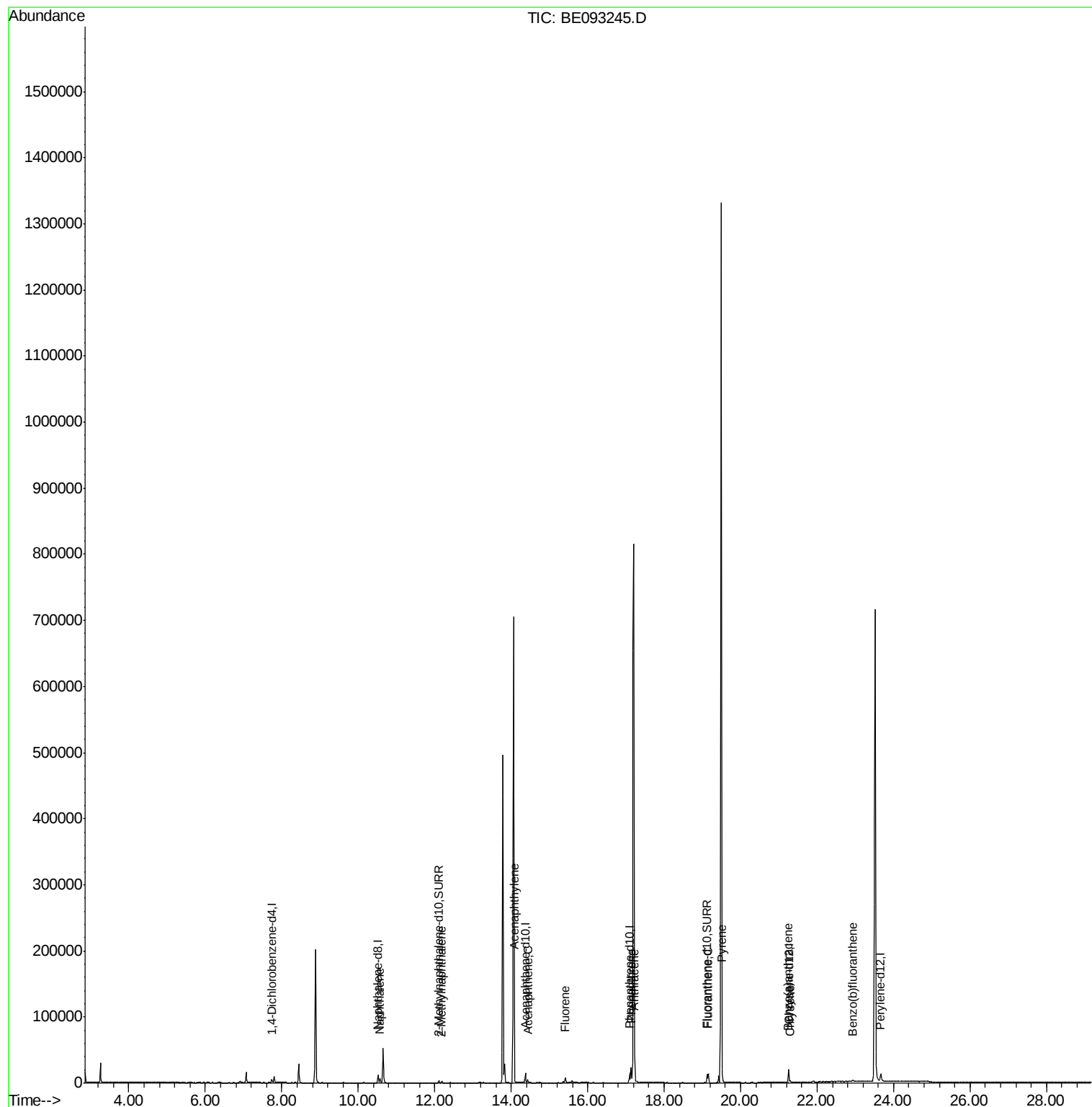
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
Data File : BE093245.D
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Sample : I3599-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

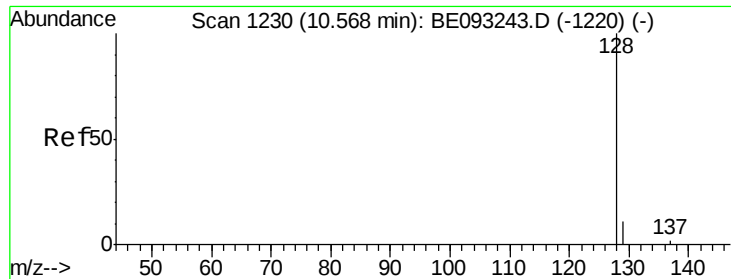
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.286 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Instrument :

BNA_E

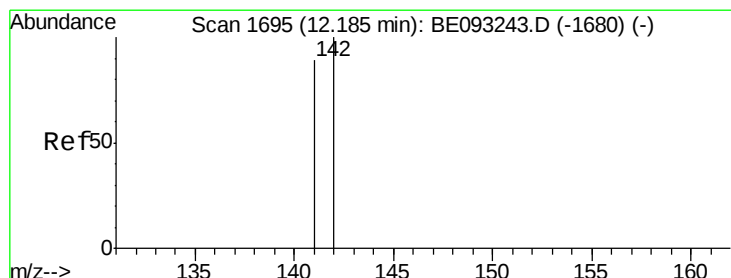
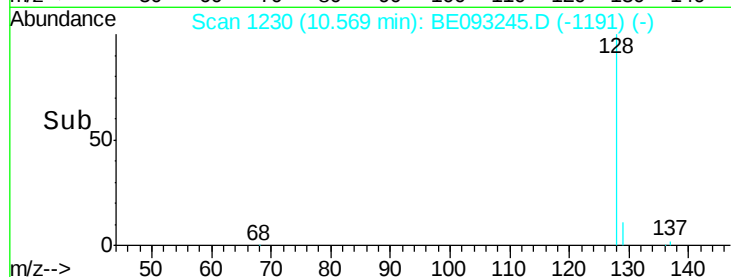
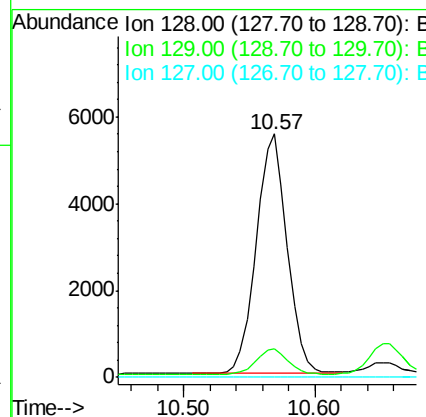
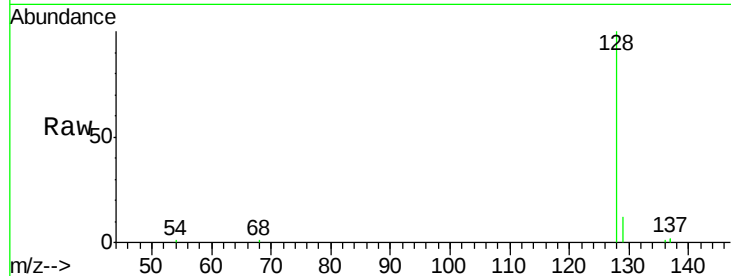
ClientSampleId :

F5A73

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.106 ng/ul

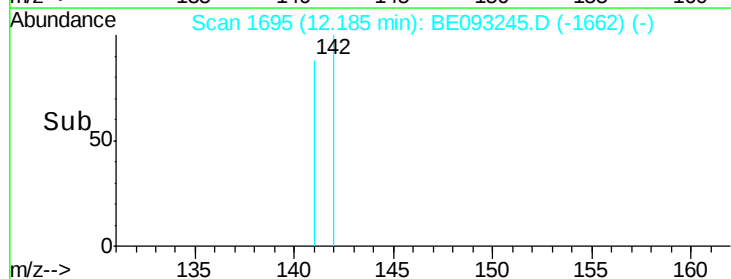
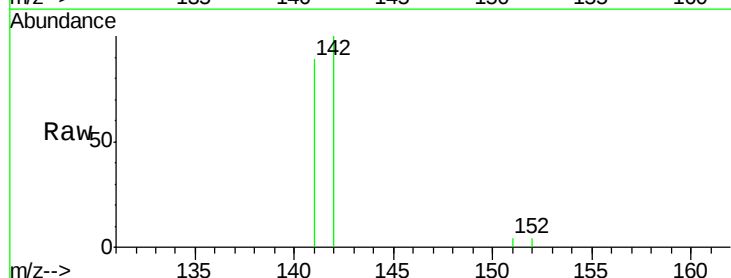
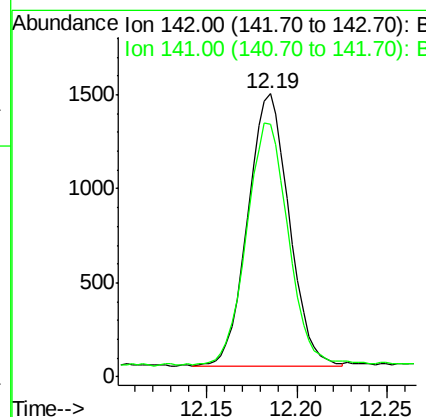
RT: 12.19 min Scan# 1695

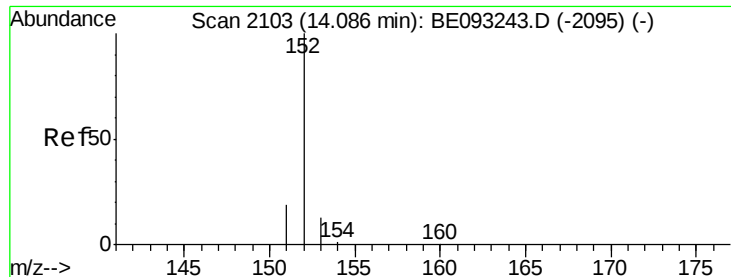
Delta R.T. 0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.016 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Instrument :

BNA_E

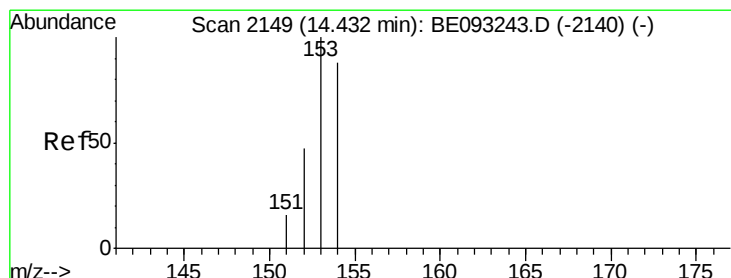
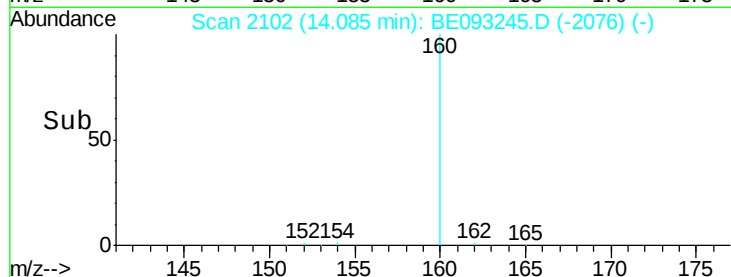
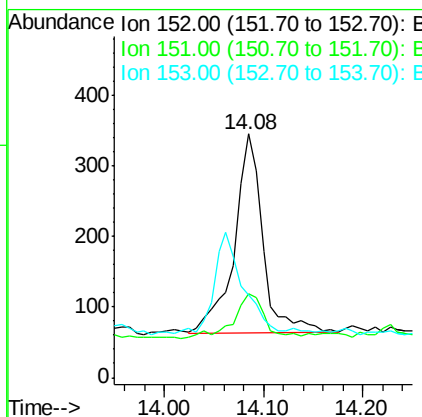
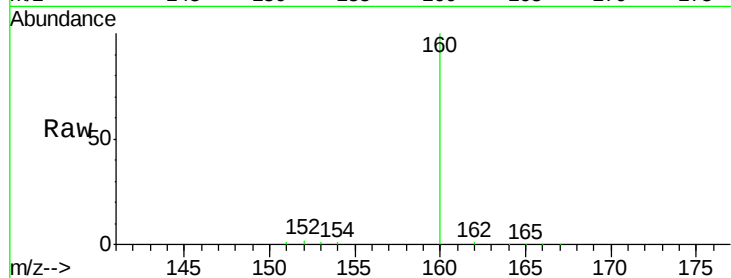
ClientSampleId :

F5A73

Tgt Ion:	152	Resp:	559
Ion Ratio	Lower	Upper	
152	100		
151	34.5	17.1	25.7#
153	33.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.109 ng/ul

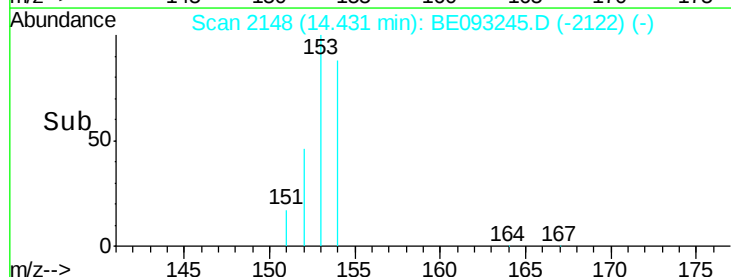
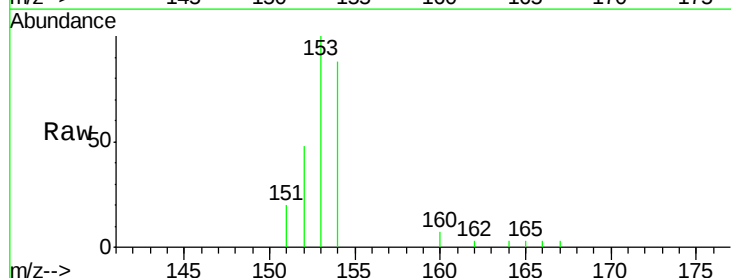
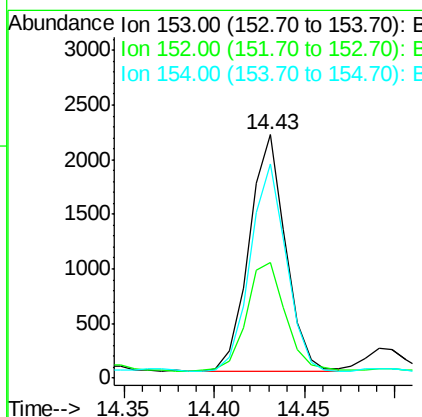
RT: 14.43 min Scan# 2148

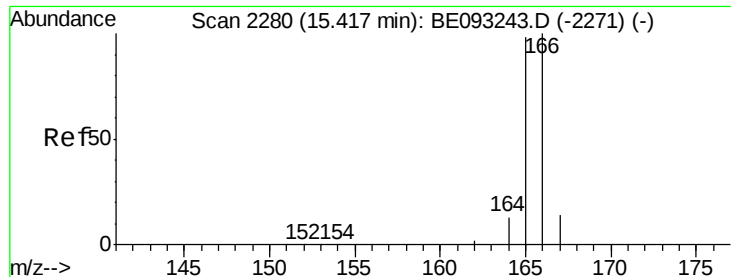
Delta R.T. -0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Tgt Ion:	153	Resp:	3027
Ion Ratio	Lower	Upper	
153	100		
152	47.7	40.3	60.5
154	87.9	71.4	107.2





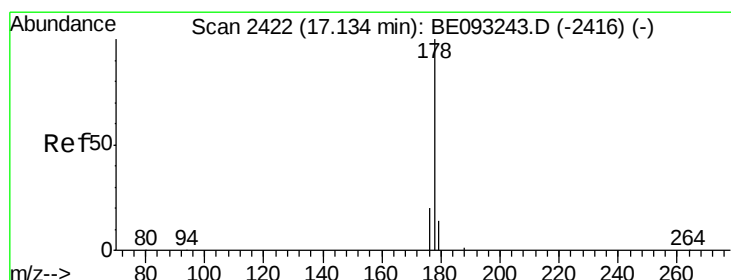
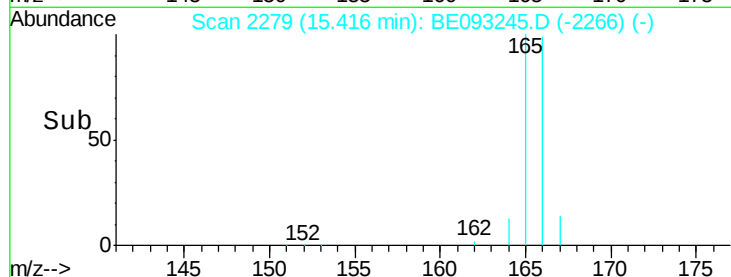
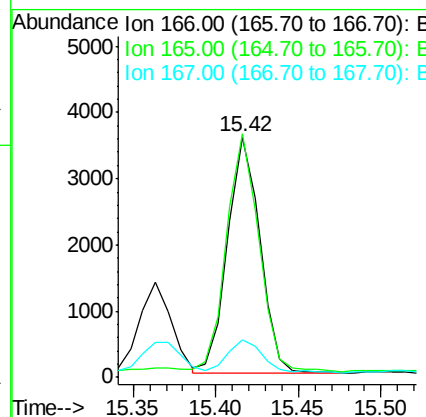
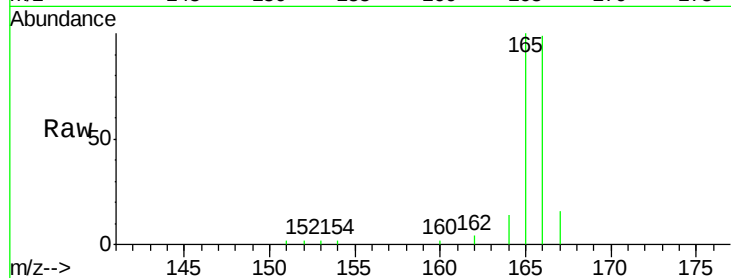
#9
Fluorene
 Concen: 0.148 ng/ul
 RT: 15.42 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE093245.D
 Acq: 19 Jun 2017 11:44

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	73.4	110.2
167	15.8	14.6	22.0

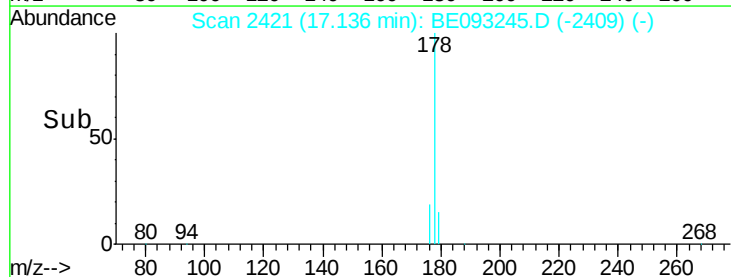
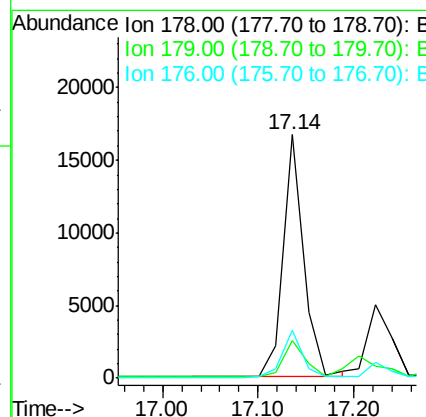
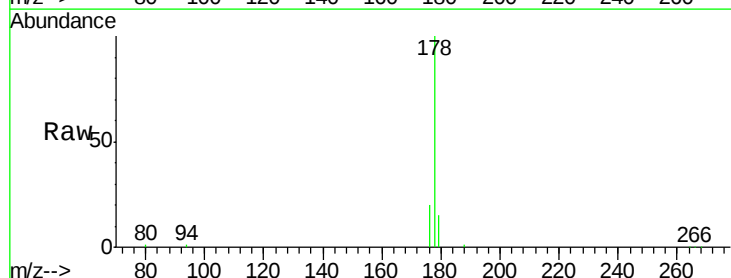
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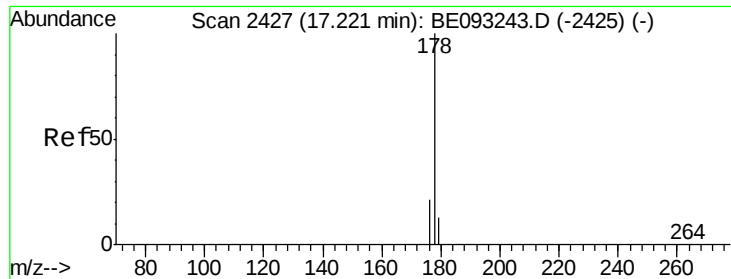
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#12
Phenanthrene
 Concen: 0.480 ng/ul
 RT: 17.14 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BE093245.D
 Acq: 19 Jun 2017 11:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	19.7	13.6	20.4





#13

Anthracene

Concen: 0.199 ng/ul

RT: 17.22 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Instrument :

BNA_E

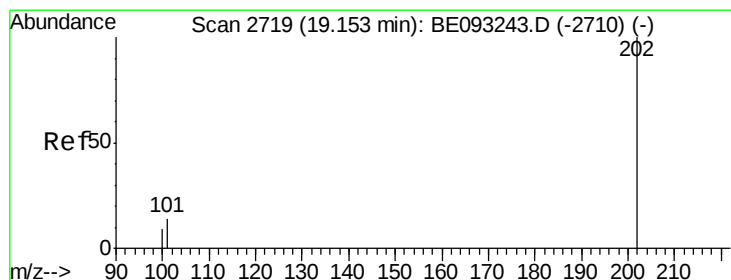
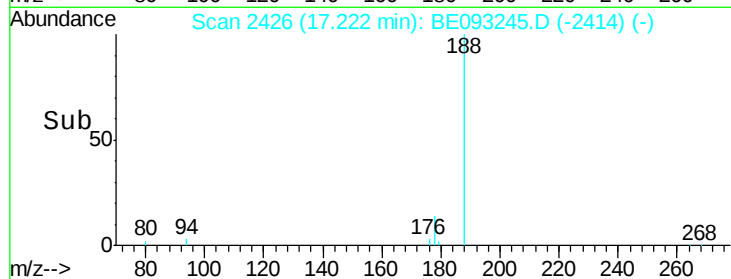
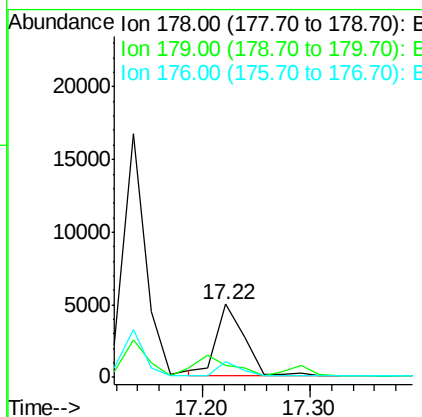
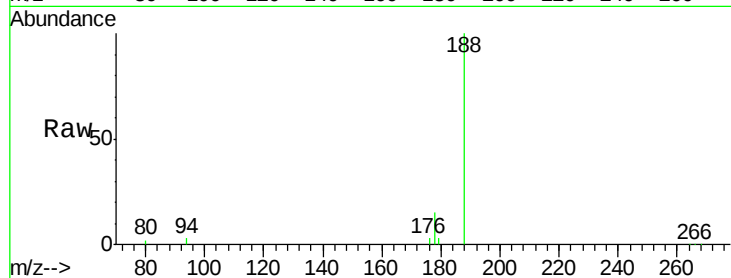
ClientSampleId :

F5A73

Tgt Ion:	178	Resp:	8901
Ion Ratio	Lower	Upper	
178	100		
179	17.2	18.1	27.1#
176	22.1	14.7	22.1

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#15

Fluoranthene

Concen: 0.237 ng/ul

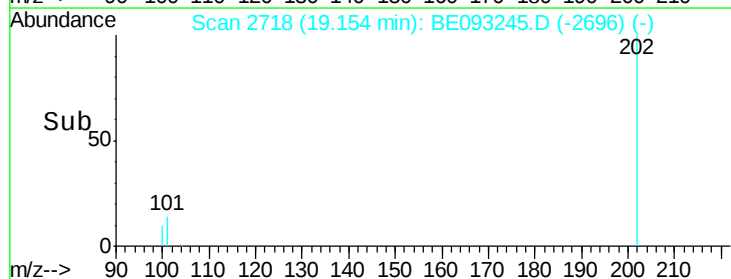
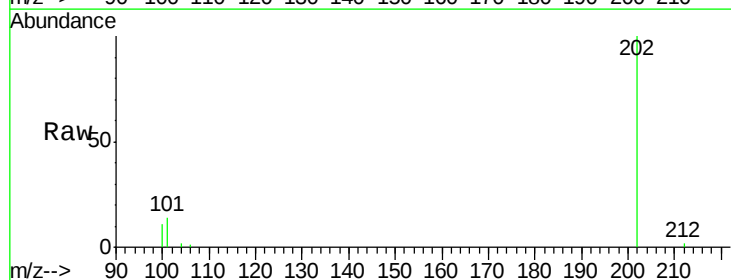
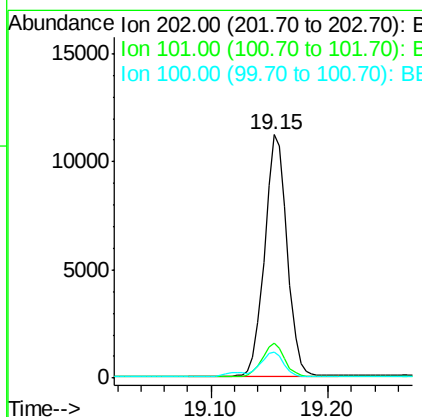
RT: 19.15 min Scan# 2718

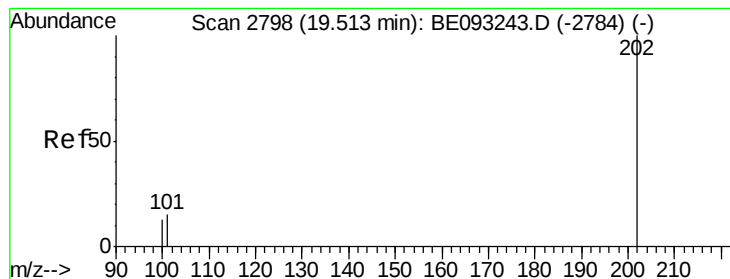
Delta R.T. 0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Tgt Ion:	202	Resp:	14909
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	30.3
100	10.8	0.0	39.5





#17

Pyrene

Concen: 0.270 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Instrument :

BNA_E

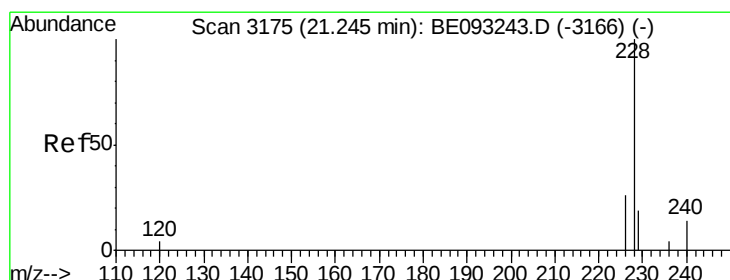
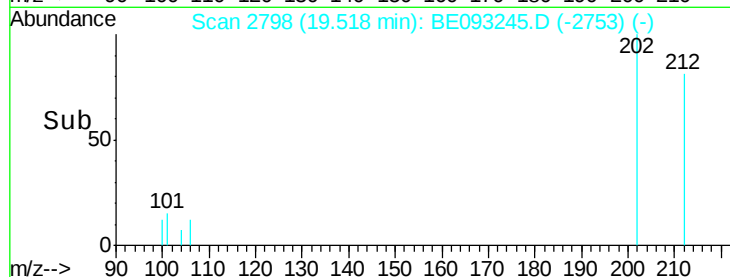
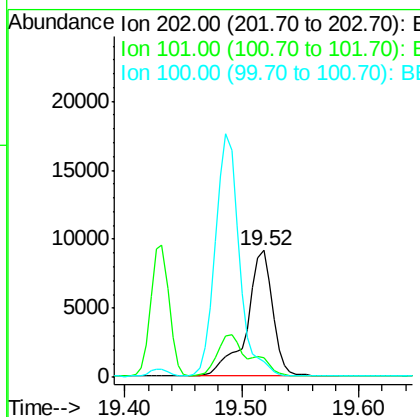
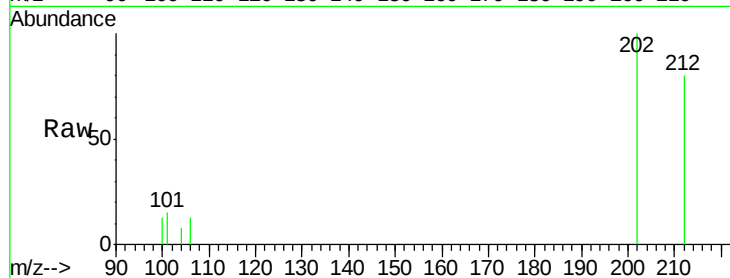
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Tgt Ion:	202	Resp:	13801
Ion Ratio	Lower	Upper	
202	100		
101	15.4	18.2	27.4#
100	12.8	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.069 ng/ul

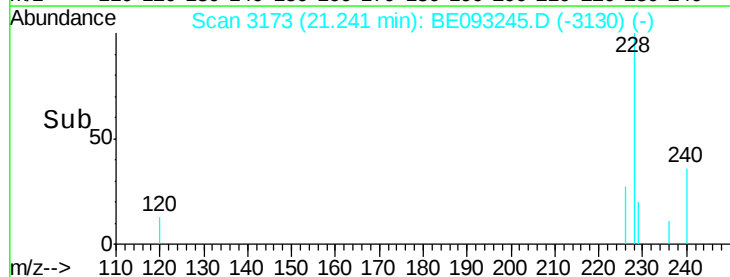
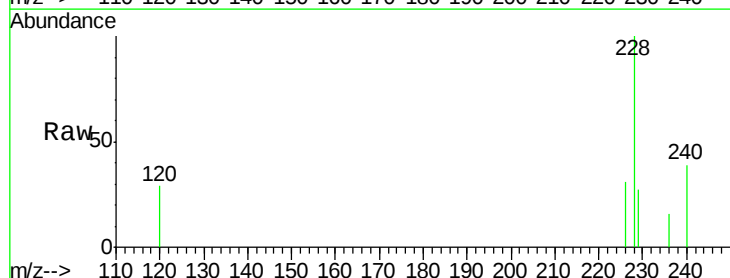
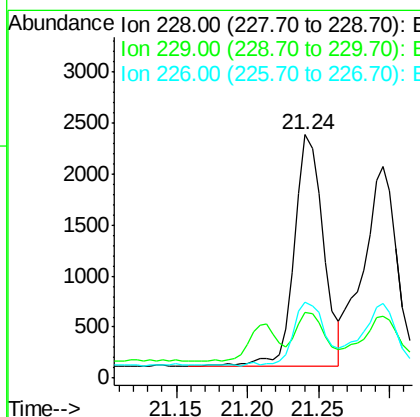
RT: 21.24 min Scan# 3173

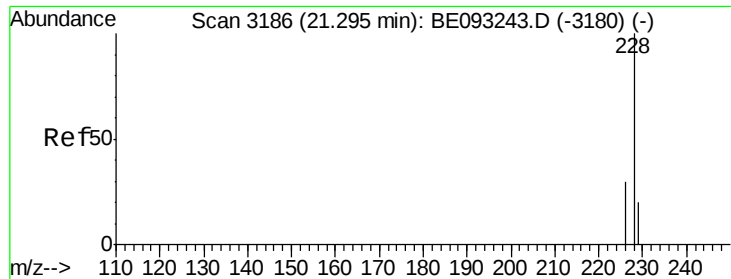
Delta R.T. -0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Tgt Ion:	228	Resp:	3187
Ion Ratio	Lower	Upper	
228	100		
229	26.8	22.8	34.2
226	30.9	17.0	25.6#





#19

Chrysene

Concen: 0.067 ng/ul

RT: 21.30 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Instrument :

BNA_E

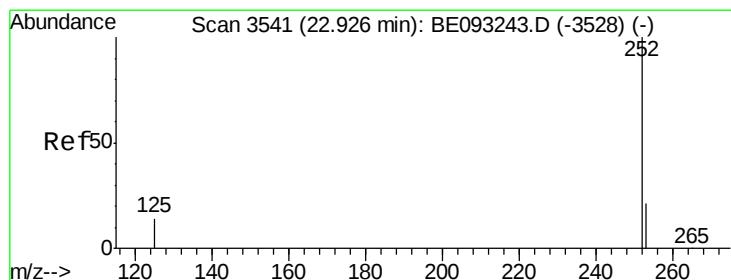
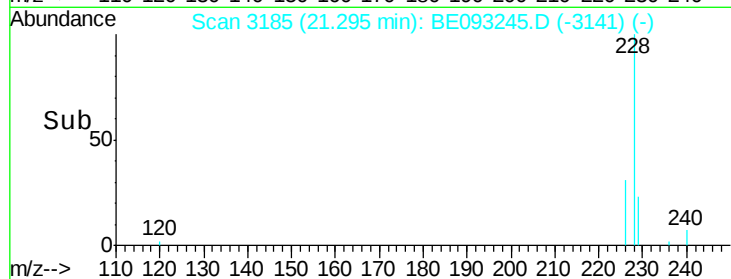
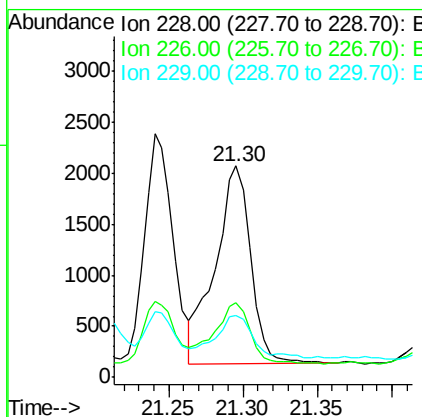
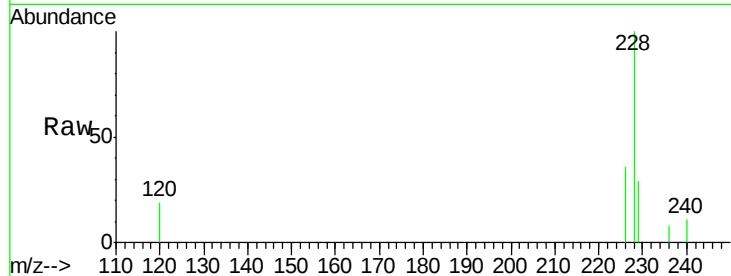
ClientSampleId :

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Tgt Ion:	228	Resp:	3226
Ion Ratio	Lower	Upper	
228	100		
226	35.5	23.4	35.0#
229	29.3	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.077 ng/ul

RT: 22.94 min Scan# 3542

Delta R.T. 0.01 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Tgt Ion:	252	Resp:	3271
Ion Ratio	Lower	Upper	
252	100		
253	43.3	0.0	64.2
125	72.9	0.0	35.0#

