

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
 Data File : BE093554.D
 Acq On : 25 Jul 2017 00:49
 Operator : SJ/JU
 Sample : I4213-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B36

Manual Integrations
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Quant Time: Jul 25 11:21:47 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 06:10:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2991	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	16100	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	10896	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	26801m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	29399	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	24322m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8477	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	27837	0.33	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.76	128	13174	0.336	ng/ul#	92
5) 2-Methylnaphthalene	12.37	142	1282	0.045	ng/ul	99
12) Phenanthrene	17.29	178	2205	0.030	ng/ul#	90
13) Anthracene	17.40	178	2325	0.033	ng/ul#	86
15) Fluoranthene	19.31	202	7000	0.077	ng/ul	86
17) Pyrene	19.67	202	7671m	0.089	ng/ul	
18) Benzo(a)anthracene	21.39	228	5594	0.066	ng/ul#	86
19) Chrysene	21.45	228	6460	0.079	ng/ul	94
21) Benzo(b)fluoranthene	23.15	252	8982	0.119	ng/ul	92
22) Benzo(k)fluoranthene	23.19	252	4002m	0.054	ng/ul	
23) Benzo(a)pyrene	23.81	252	7792m	0.109	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	4664m	0.059	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	4055m	0.061	ng/ul	

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

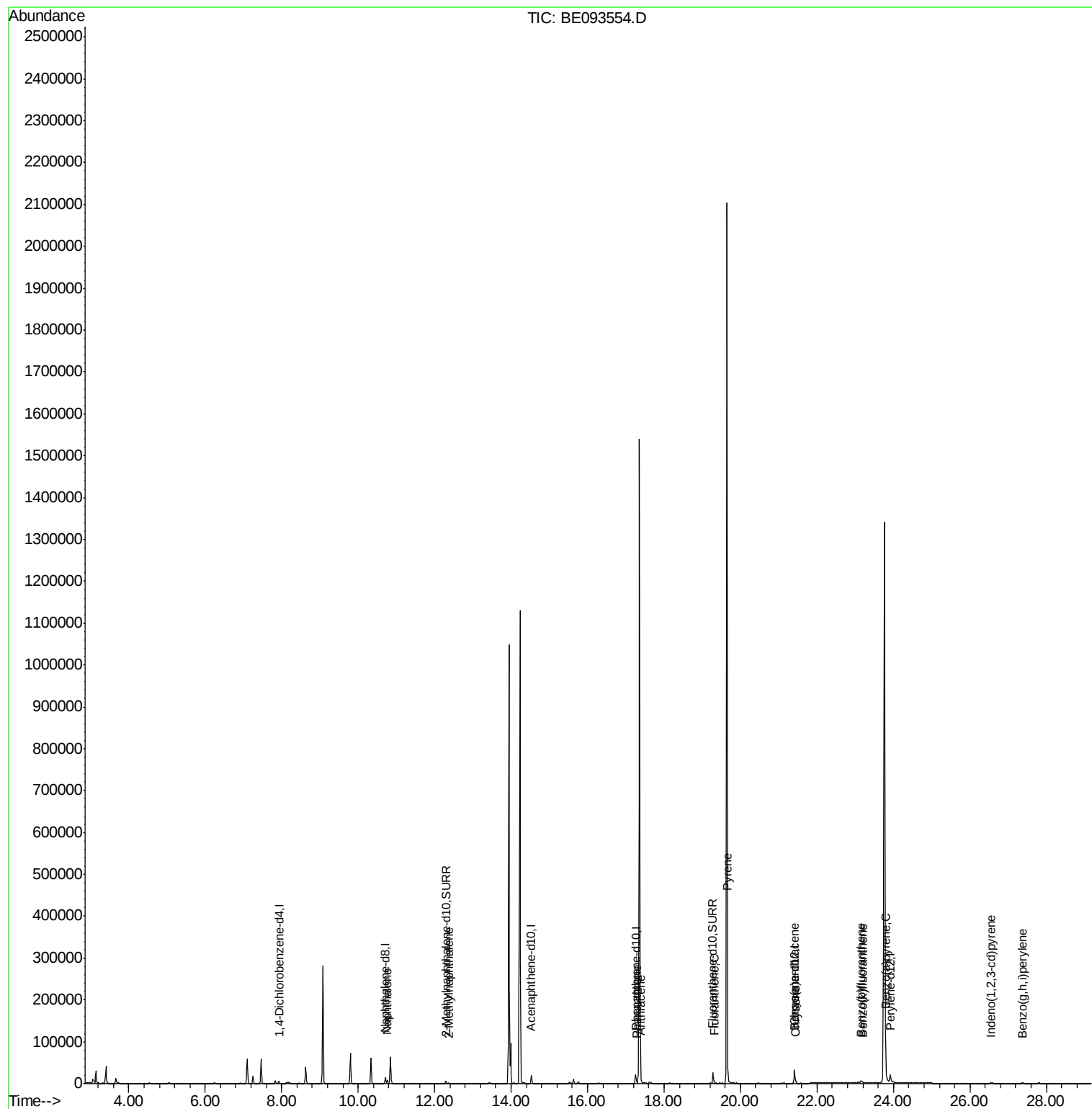
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
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ALS Vial : 26 Sample Multiplier: 1

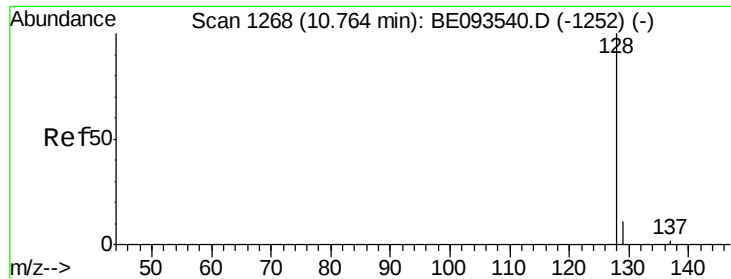
Instrument :
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#3

Naphthalene

Concen: 0.336 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE093554.D

Acq: 25 Jul 2017 00:49

Instrument :

BNA_E

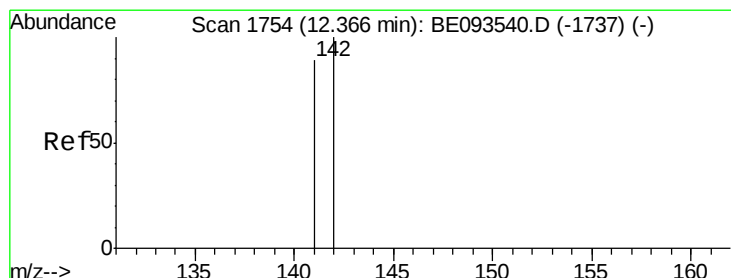
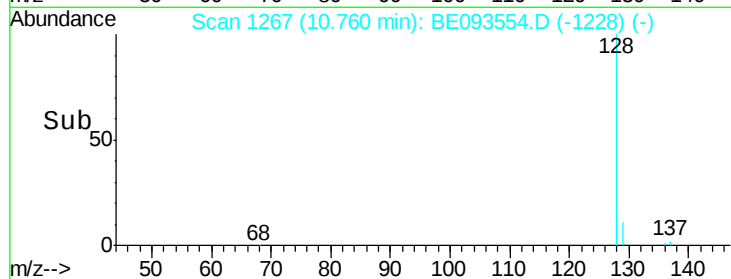
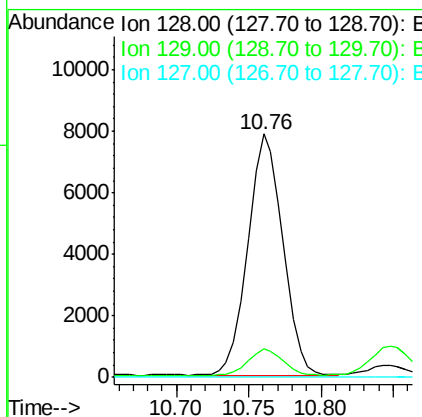
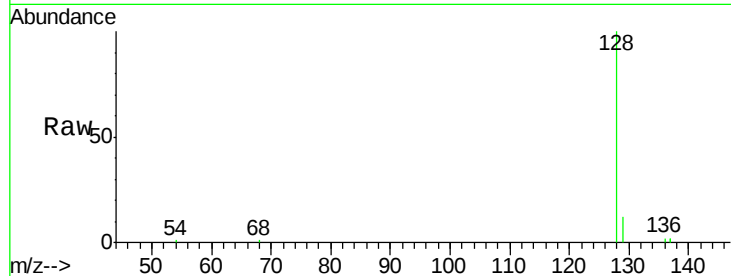
ClientSampled :

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Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.045 ng/ul

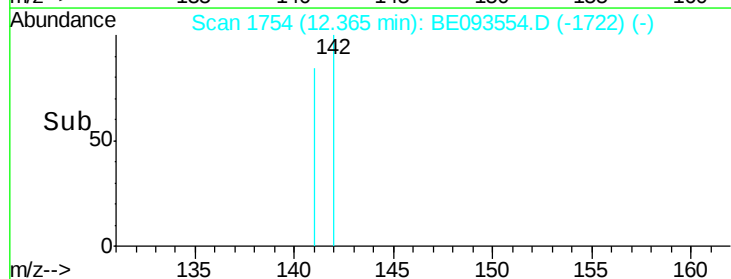
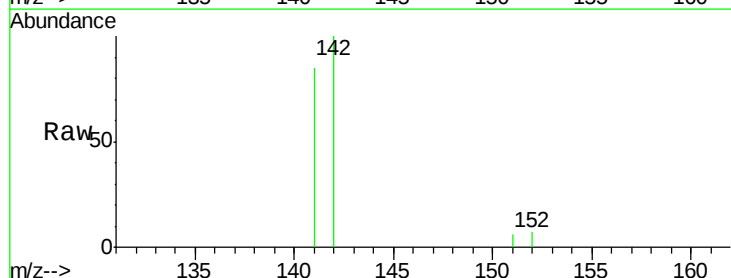
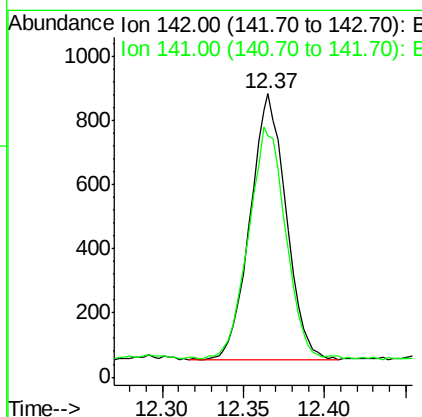
RT: 12.37 min Scan# 1754

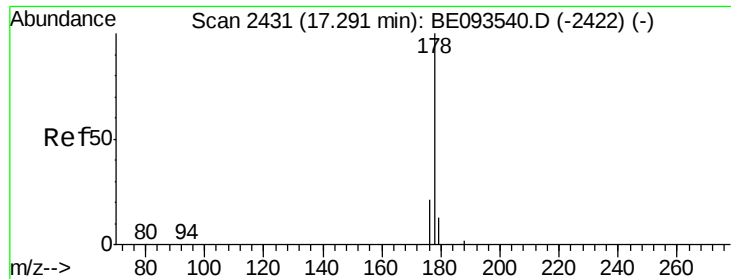
Delta R.T. -0.00 min

Lab File: BE093554.D

Acq: 25 Jul 2017 00:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8





#12

Phenanthrene

Concen: 0.030 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093554.D

Acq: 25 Jul 2017 00:49

Instrument :

BNA_E

ClientSampled :

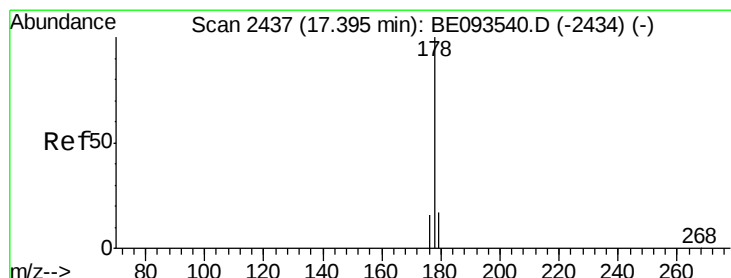
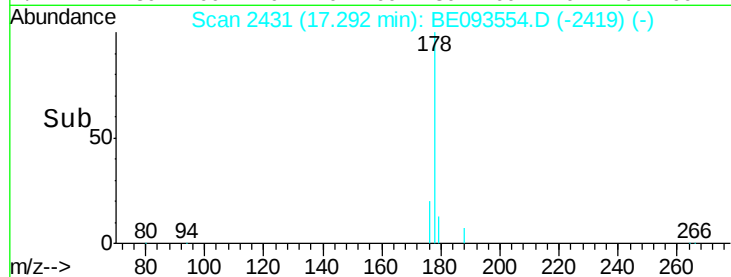
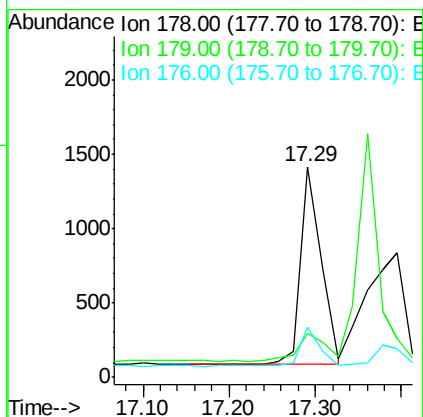
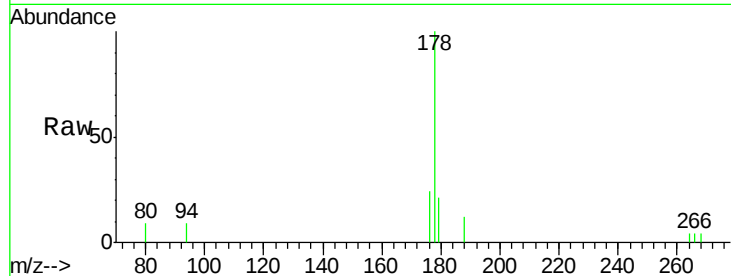
C0B36

Tgt Ion:	178	Resp:	2205
Ion Ratio	Lower	Upper	
178	100		
179	20.7	18.4	27.6
176	24.1	13.6	20.4#

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#13

Anthracene

Concen: 0.033 ng/ul

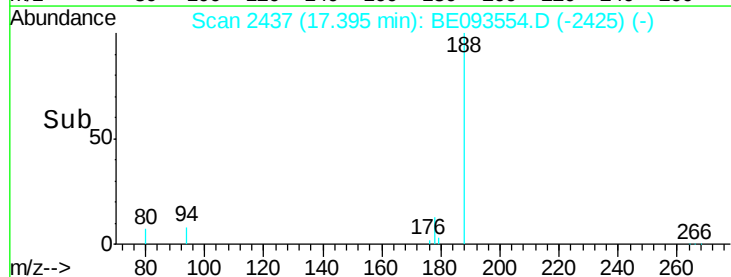
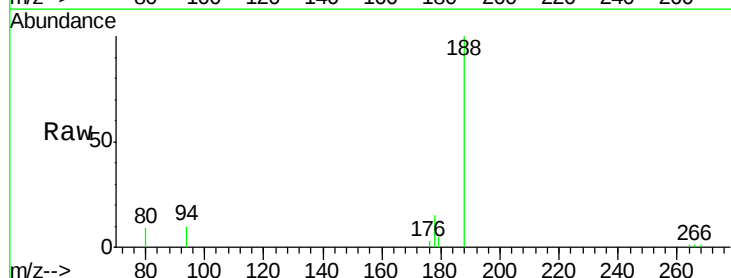
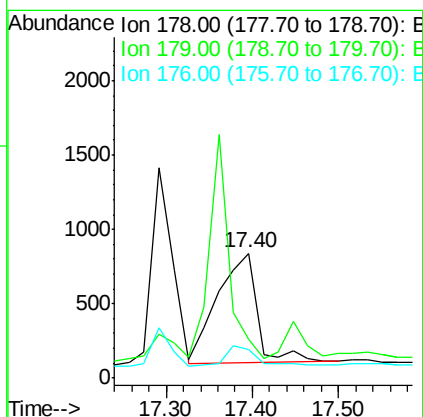
RT: 17.40 min Scan# 2437

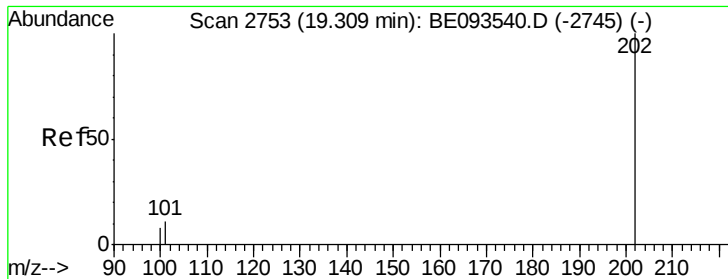
Delta R.T. 0.00 min

Lab File: BE093554.D

Acq: 25 Jul 2017 00:49

Tgt Ion:	178	Resp:	2325
Ion Ratio	Lower	Upper	
178	100		
179	31.3	18.1	27.1#
176	22.7	14.7	22.1#





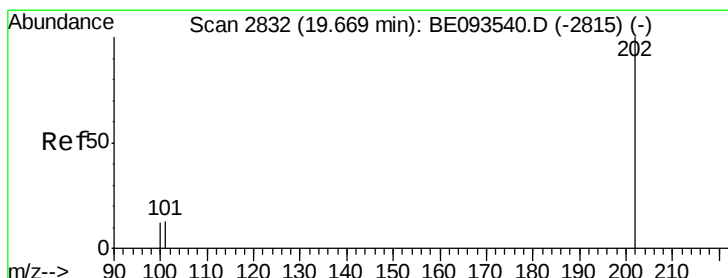
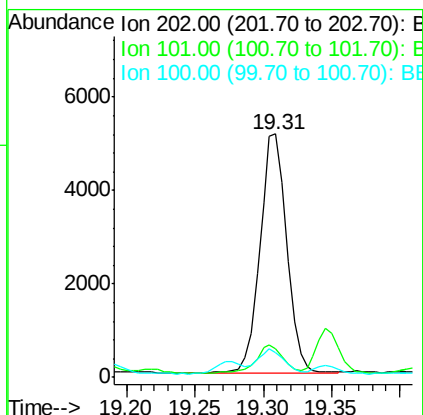
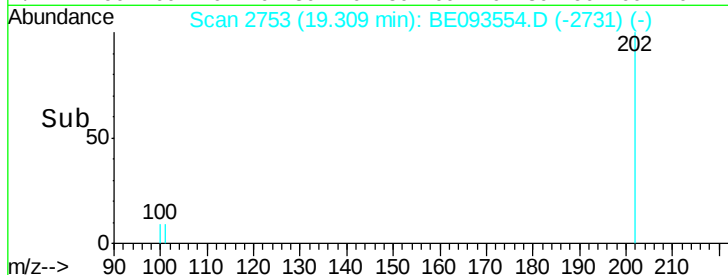
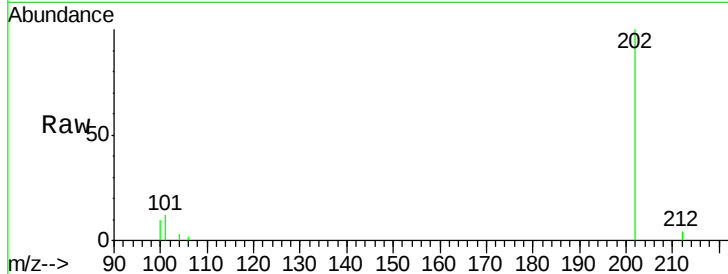
#15
Fluoranthene
 Concen: 0.077 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. 0.00 min
 Lab File: BE093554.D
 Acq: 25 Jul 2017 00:49

Instrument :
 BNA_E
 ClientSampleId :
 C0B36

Tgt Ion:	202	Resp:	7000
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	30.3
100	10.4	0.0	39.5

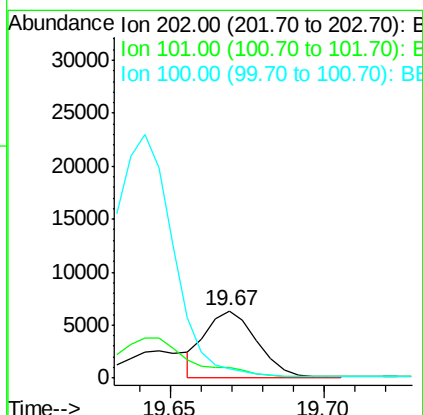
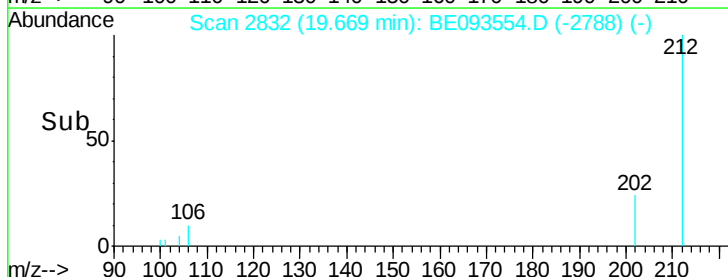
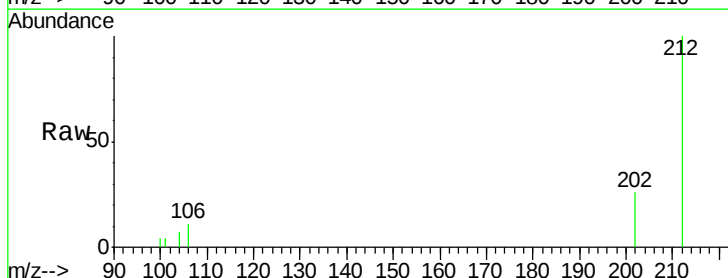
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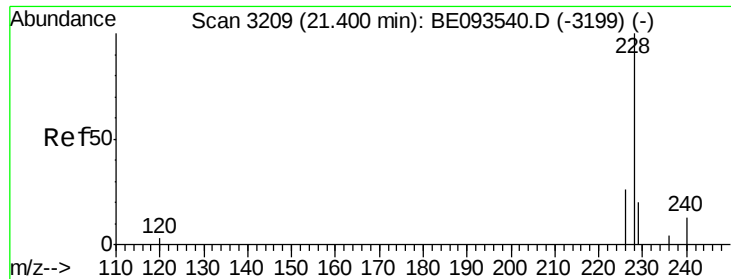
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#17
Pyrene
 Concen: 0.089 ng/ul m
 RT: 19.67 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BE093554.D
 Acq: 25 Jul 2017 00:49

Tgt Ion:	202	Resp:	7671
Ion Ratio	Lower	Upper	
202	100		
101	15.0	18.2	27.4#
100	14.0	15.6	23.4#





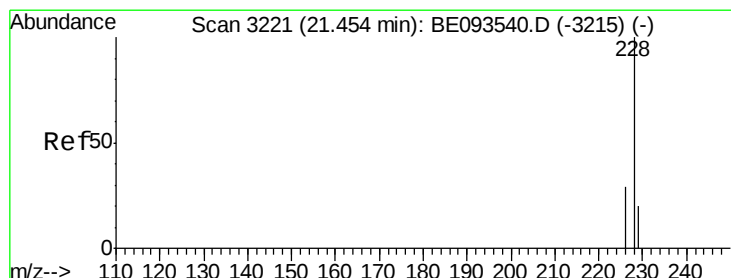
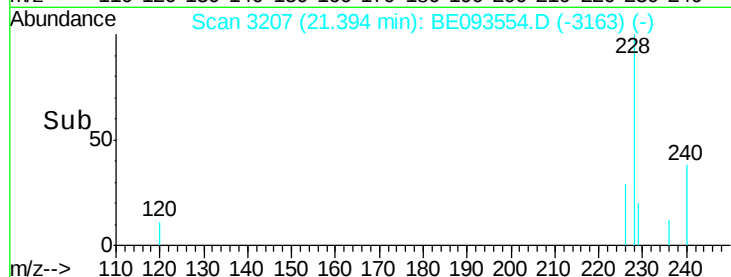
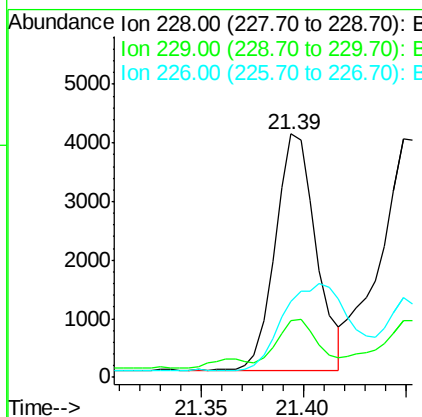
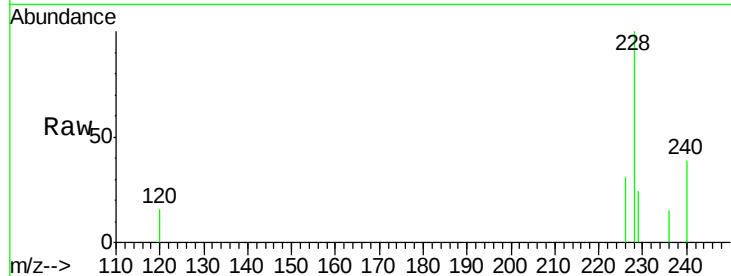
#18
Benzo(a)anthracene
Concen: 0.066 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE093554.D
Acq: 25 Jul 2017 00:49

Instrument :
BNA_E
ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.5	22.8	34.2
226	31.2	17.0	25.6

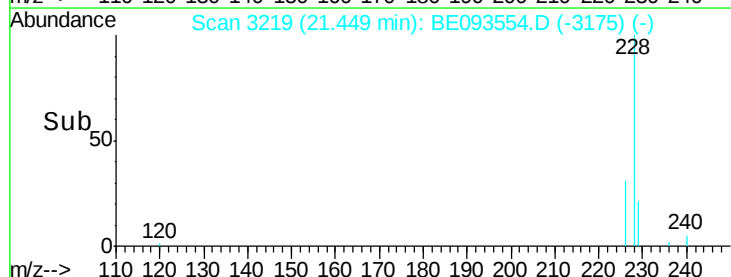
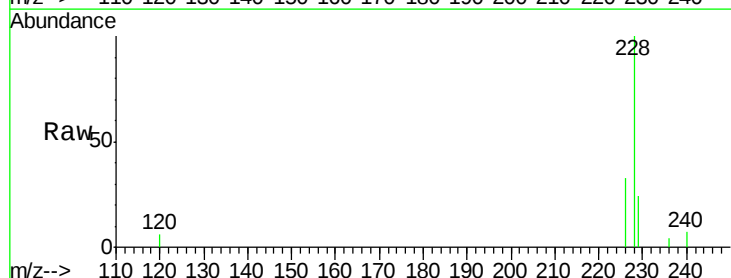
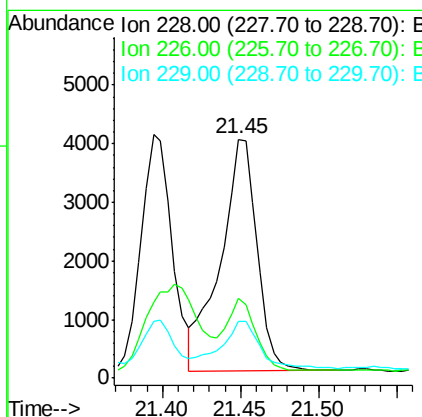
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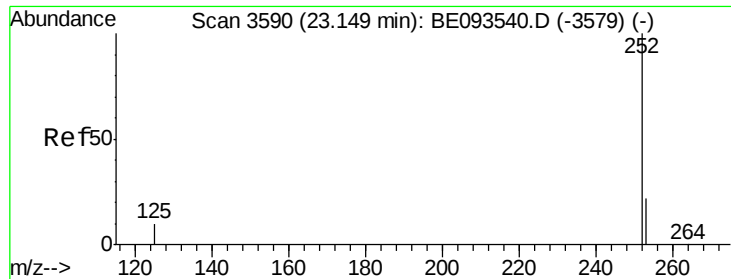
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#19
Chrysene
Concen: 0.079 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE093554.D
Acq: 25 Jul 2017 00:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.4	35.0
229	23.9	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.119 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. 0.01 min

Lab File: BE093554.D

Acq: 25 Jul 2017 00:49

Instrument :

BNA_E

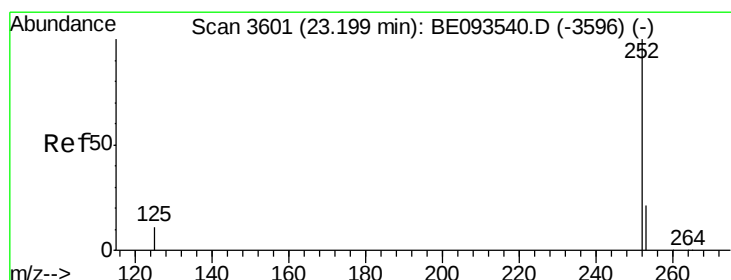
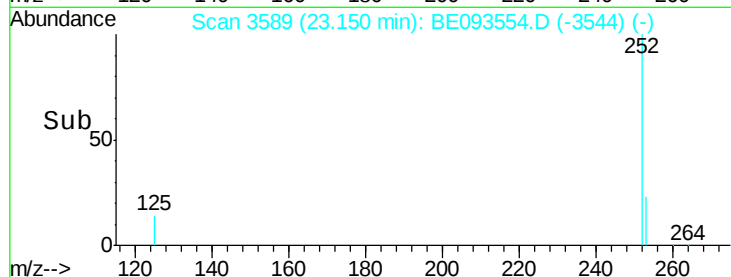
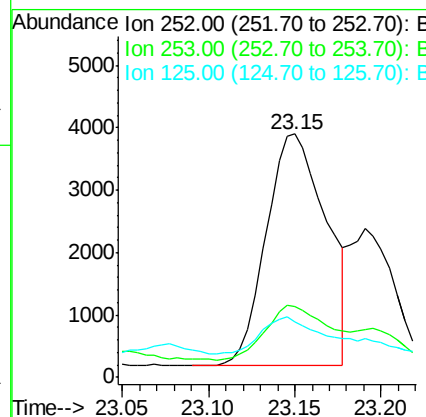
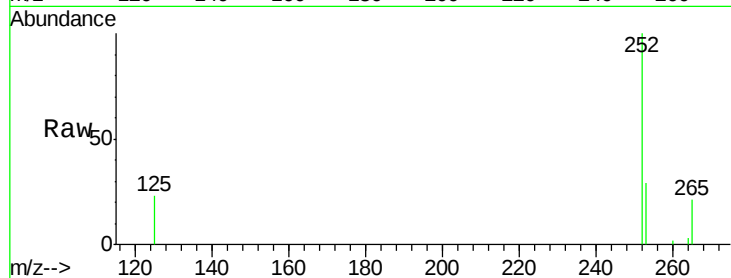
ClientSampleId :

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Tgt Ion:	252	Resp:	8982
Ion Ratio	Lower	Upper	
252	100		
253	29.1	0.0	64.2
125	22.9	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.054 ng/ul m

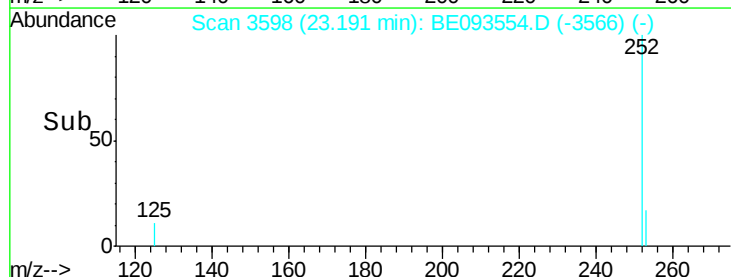
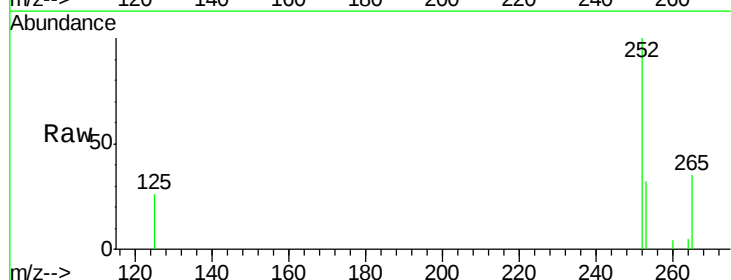
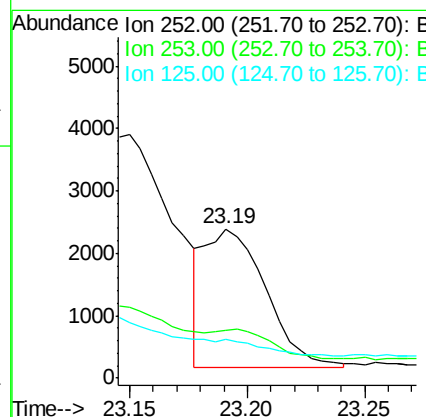
RT: 23.19 min Scan# 3598

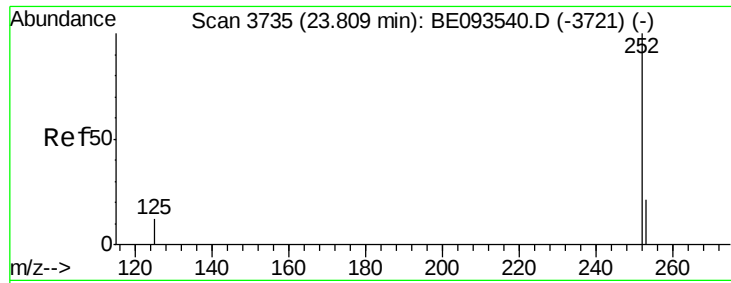
Delta R.T. -0.00 min

Lab File: BE093554.D

Acq: 25 Jul 2017 00:49

Tgt Ion:	252	Resp:	4002
Ion Ratio	Lower	Upper	
252	100		
253	32.4	24.5	36.7
125	25.7	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.109 ng/ul m

RT: 23.81 min Scan# 3733

Delta R.T. 0.01 min

Lab File: BE093554.D

Acq: 25 Jul 2017 00:49

Instrument :

BNA_E

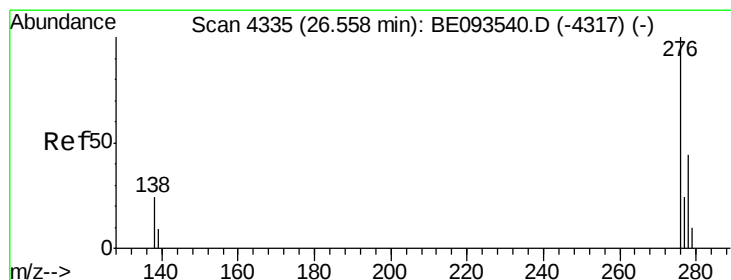
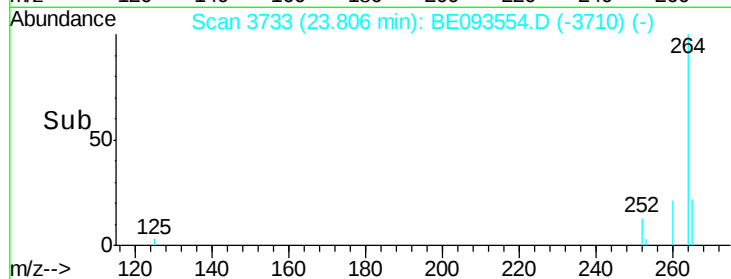
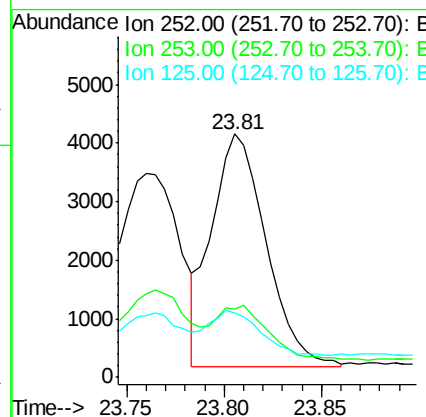
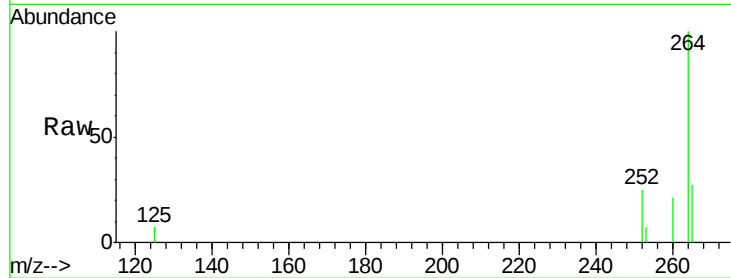
ClientSampled :

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Tgt Ion:	252	Resp:	7792
Ion Ratio	Lower	Upper	
252	100		
253	28.2	28.5	42.7#
125	26.5	18.1	27.1

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.059 ng/ul m

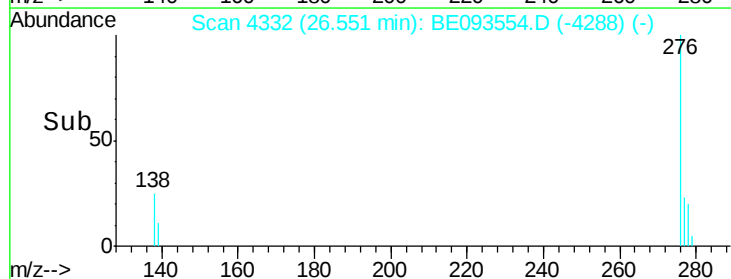
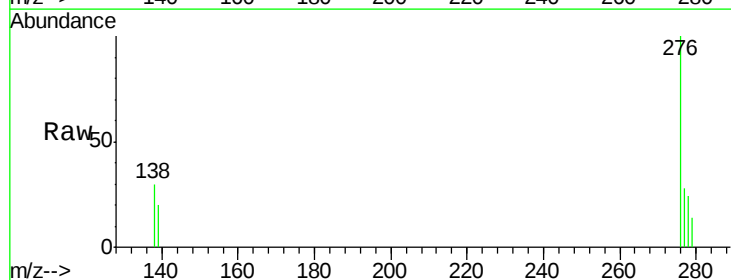
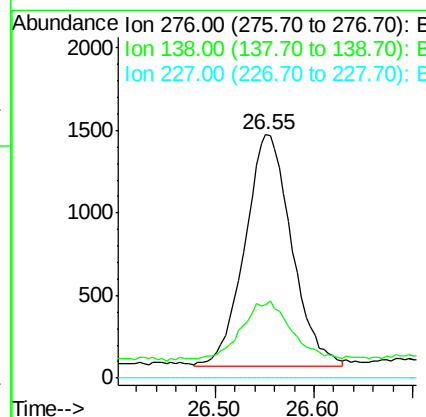
RT: 26.55 min Scan# 4332

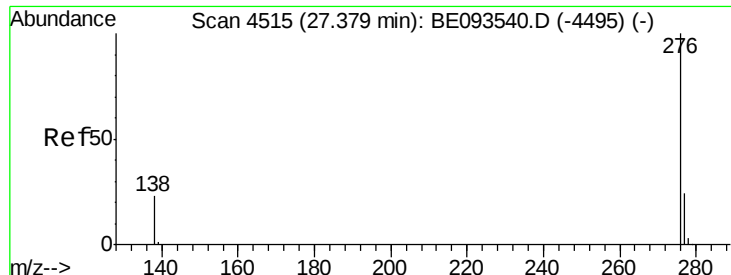
Delta R.T. -0.00 min

Lab File: BE093554.D

Acq: 25 Jul 2017 00:49

Tgt Ion:	276	Resp:	4664
Ion Ratio	Lower	Upper	
276	100		
138	0.7	28.0	42.0#
227	0.0	8.0	12.0#





#26

Benzo(g,h,i)perylene

Concen: 0.061 ng/ul m

RT: 27.37 min Scan# 4511

Delta R.T. -0.00 min

Lab File: BE093554.D

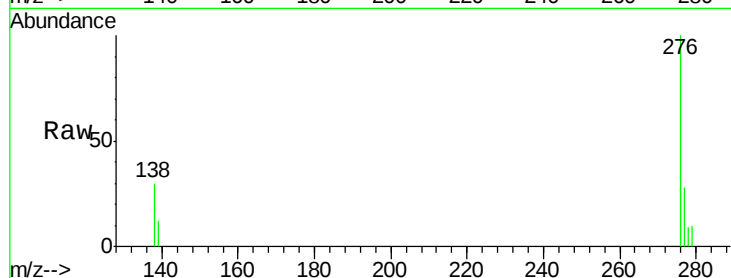
Acq: 25 Jul 2017 00:49

Instrument :

BNA_E

ClientSampleId :

C0B36



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	30.2	21.8	32.8	
277	28.1	20.5	30.7	

Manual Integrations
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