

Data File : BE093240.D
Acq On : 16 Jun 2017 15:40
Operator : SJ/MA
Sample : I3521-16DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C36DL

Manual Integrations
APPROVED

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Quant Time: Jun 19 07:30:40 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 16:46:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2795	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	14483	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8305	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20498	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	20143	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	17153	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	456	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1152	0.02	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.57	128	1196	0.03	ng/ul#	84
7) Acenaphthylene	14.09	152	5017	0.14	ng/ul	100
12) Phenanthrene	17.14	178	16398	0.29	ng/ul#	88
13) Anthracene	17.22	178	6425	0.13	ng/ul#	91
15) Fluoranthene	19.16	202	69479	1.00	ng/ul	83
17) Pyrene	19.52	202	72139	1.21	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	34351	0.64	ng/ul#	87
19) Chrysene	21.29	228	45417	0.81	ng/ul	96
21) Benzo(b)fluoranthene	22.93	252	71677m	1.38	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	23067m	0.42	ng/ul	
23) Benzo(a)pyrene	23.56	252	30946	0.63	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.18	276	22192	0.39	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.20	278	5840	0.12	ng/ul#	52
26) Benzo(g,h,i)perylene	26.96	276	17128	0.35	ng/ul#	90

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

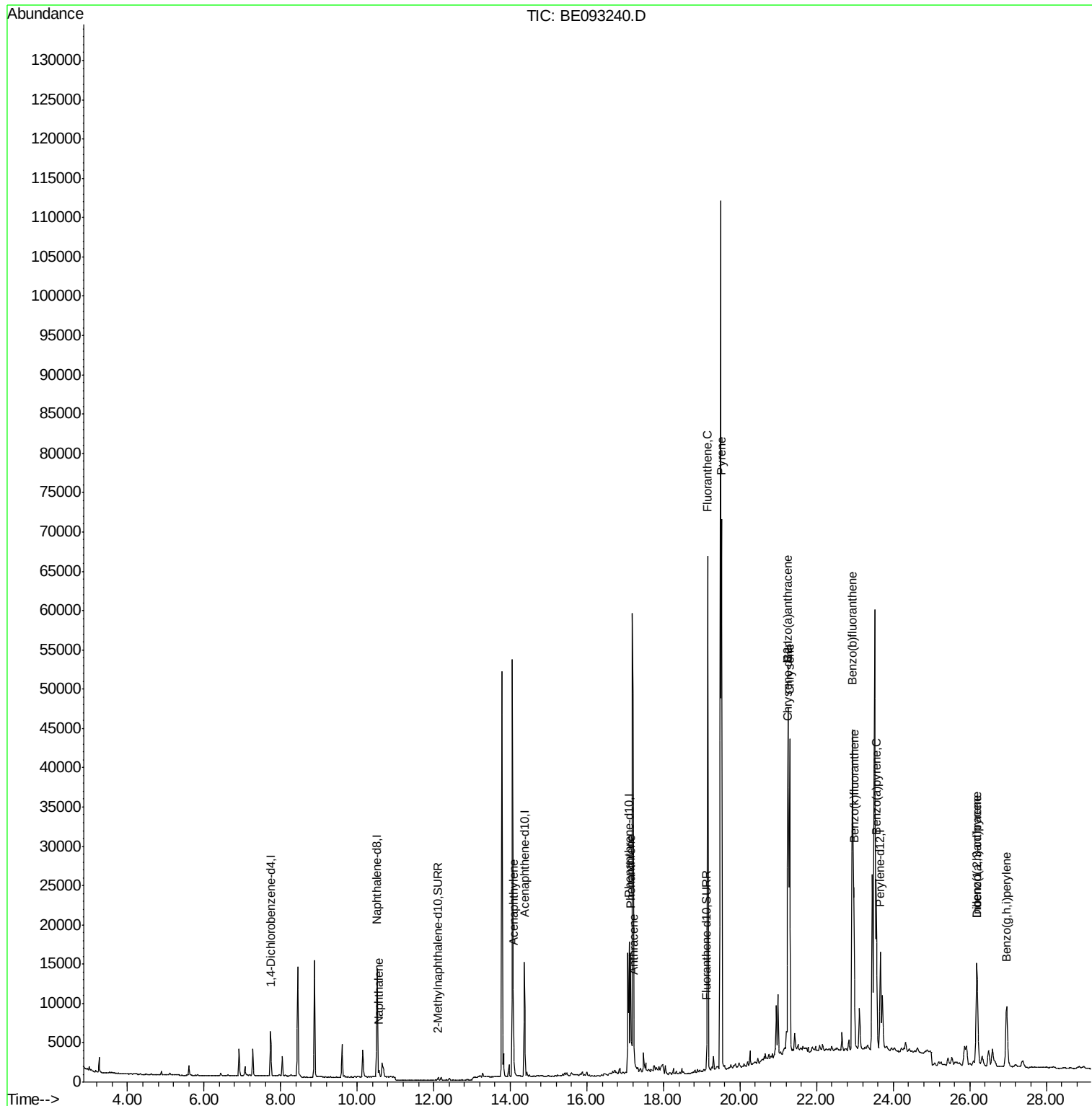
Data File : BE093240.D
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Misc :
ALS Vial : 32 Sample Multiplier: 1

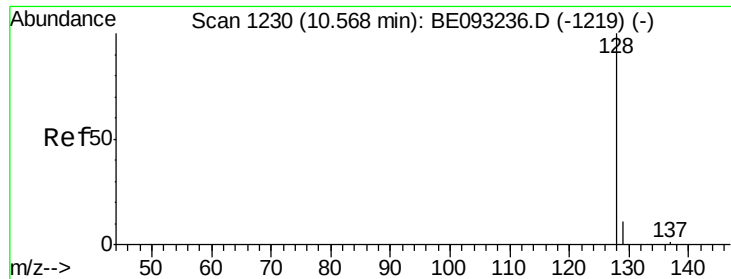
Instrument :
BNA_E
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QLast Update : Fri Jun 16 16:46:59 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093240.D

Acq: 16 Jun 2017 15:40

Instrument :

BNA_E

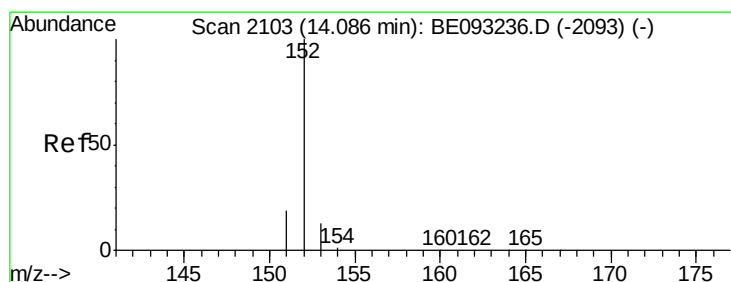
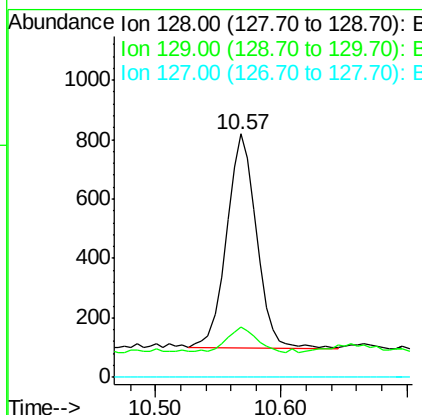
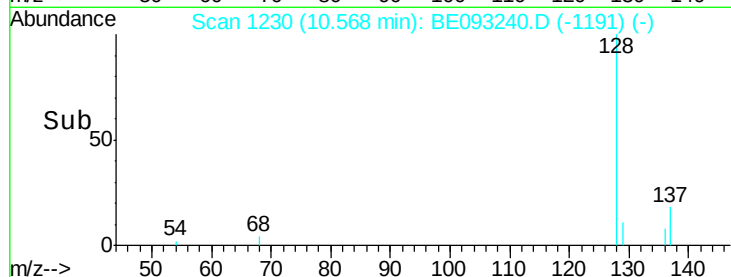
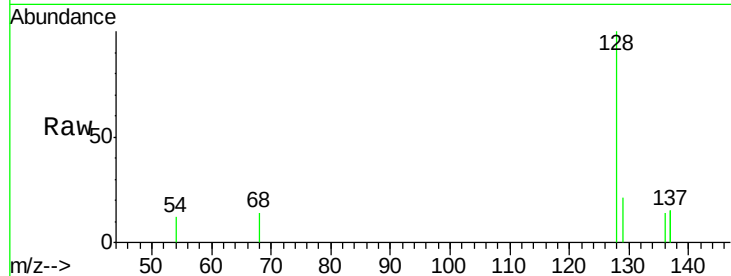
ClientSampled :

F5C36DL

Tgt Ion:	128	Resp:	1196
Ion Ratio	Lower	Upper	
128	100		
129	20.5	11.3	16.9#
127	0.0	4.0	6.0#

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#7

Acenaphthylene

Concen: 0.14 ng/ul

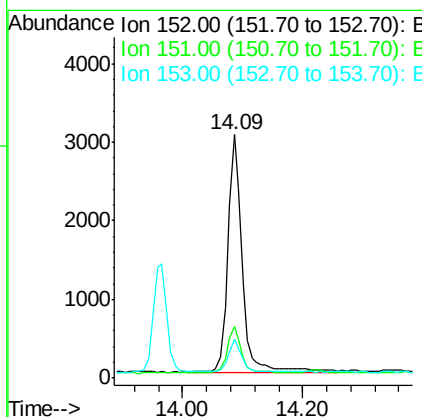
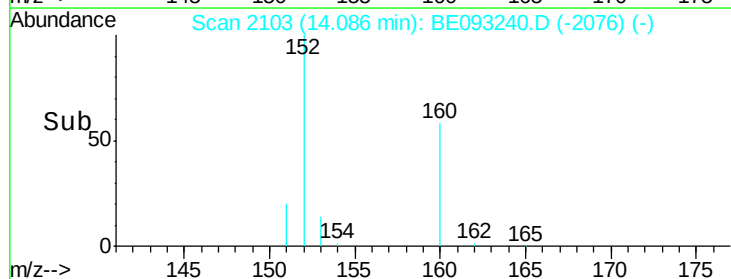
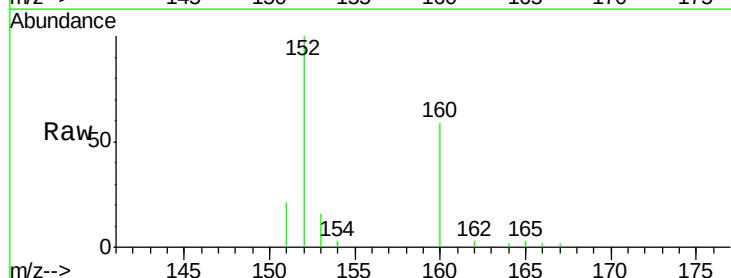
RT: 14.09 min Scan# 2103

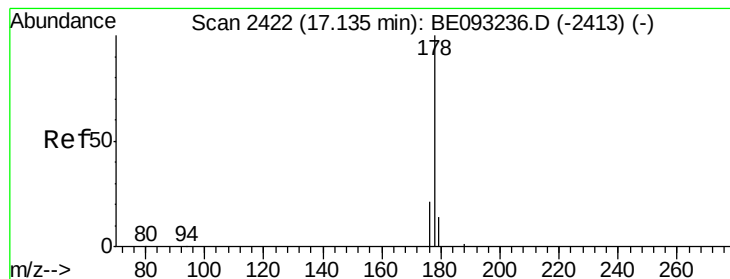
Delta R.T. 0.00 min

Lab File: BE093240.D

Acq: 16 Jun 2017 15:40

Tgt Ion:	152	Resp:	5017
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.1	25.7
153	16.0	12.8	19.2





#12

Phenanthrene

Concen: 0.29 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093240.D

Acq: 16 Jun 2017 15:40

Instrument :

BNA_E

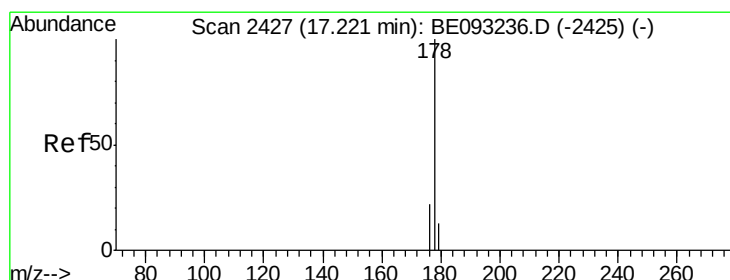
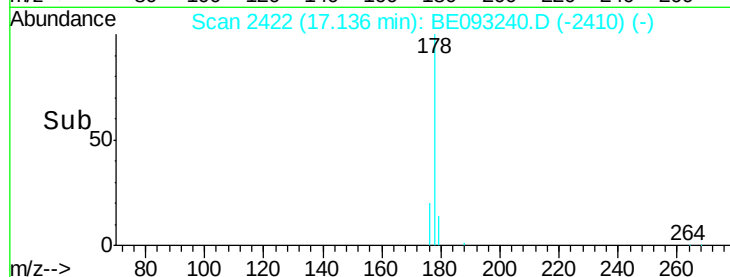
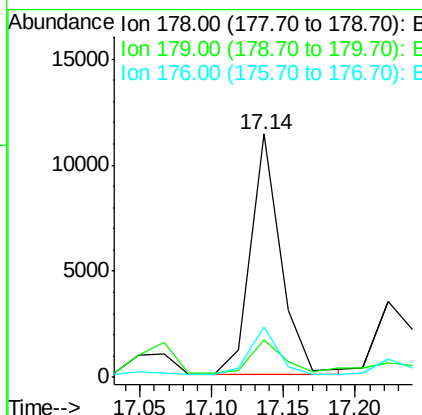
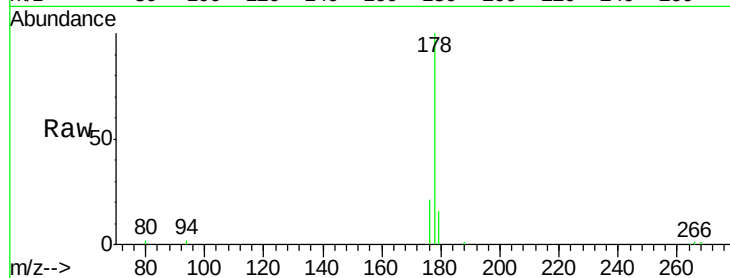
ClientSampleId :

F5C36DL

Tgt Ion:	178	Resp:	16398
Ion Ratio	Lower	Upper	
178	100		
179	15.7	18.4	27.6#
176	20.6	13.6	20.4#

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#13

Anthracene

Concen: 0.13 ng/ul

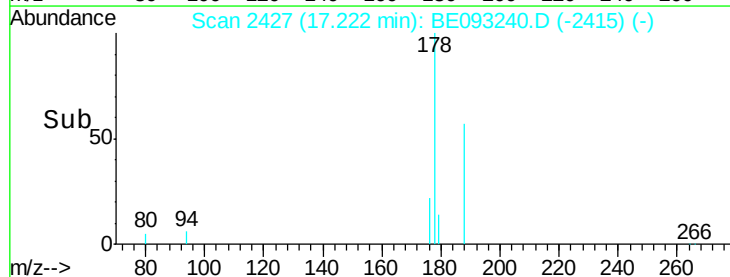
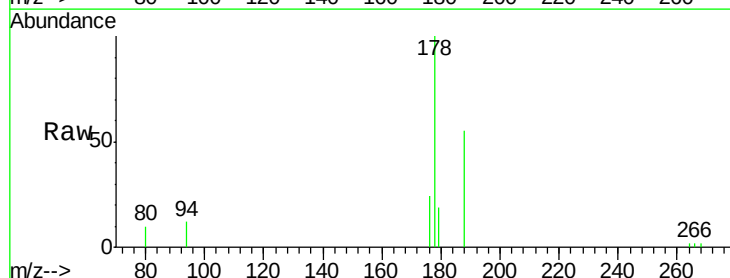
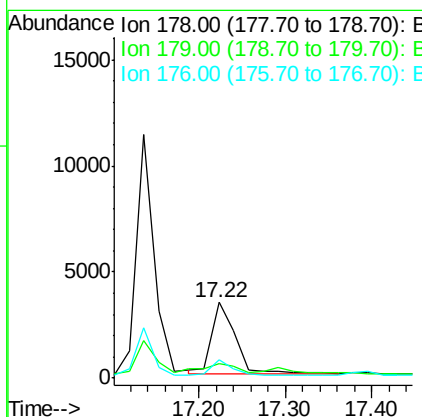
RT: 17.22 min Scan# 2427

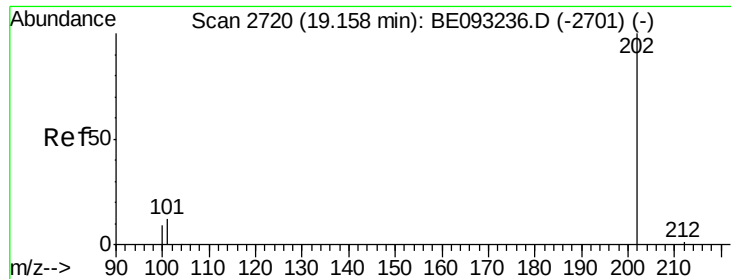
Delta R.T. 0.00 min

Lab File: BE093240.D

Acq: 16 Jun 2017 15:40

Tgt Ion:	178	Resp:	6425
Ion Ratio	Lower	Upper	
178	100		
179	19.2	18.1	27.1
176	23.7	14.7	22.1#





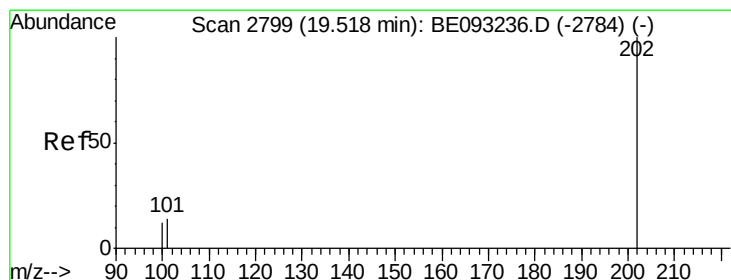
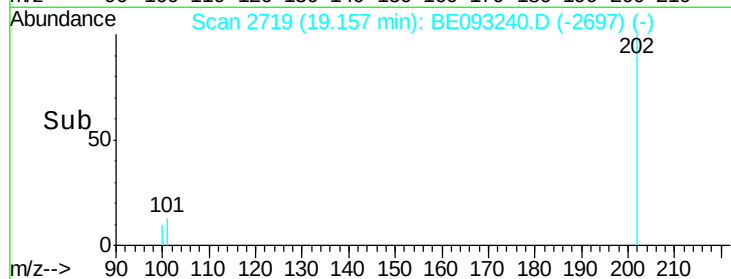
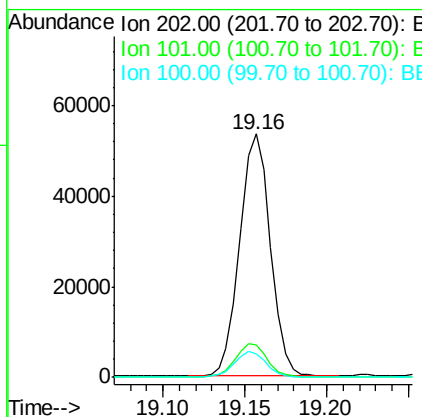
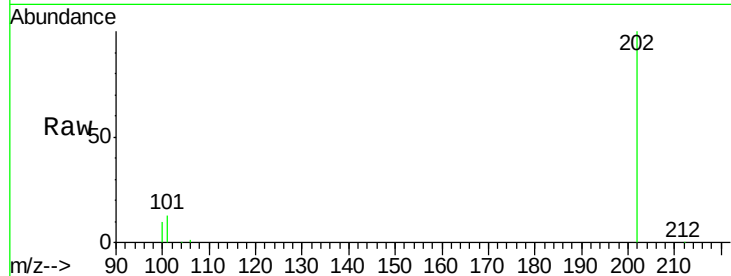
#15
Fluoranthene
Concen: 1.00 ng/ul
RT: 19.16 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093240.D
Acq: 16 Jun 2017 15:40

Instrument :
BNA_E
ClientSampleId :
F5C36DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	69479		
101	13.2	0.0	30.3	
100	9.8	0.0	39.5	

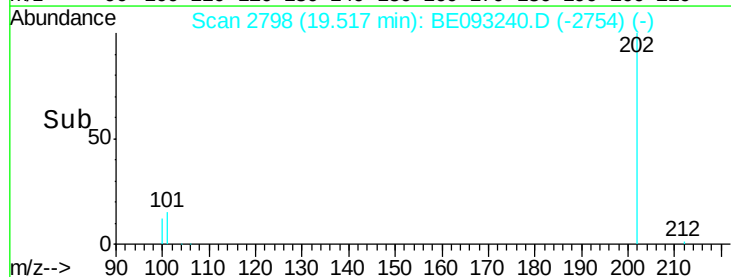
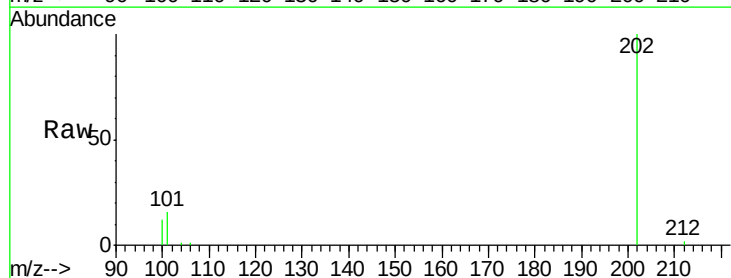
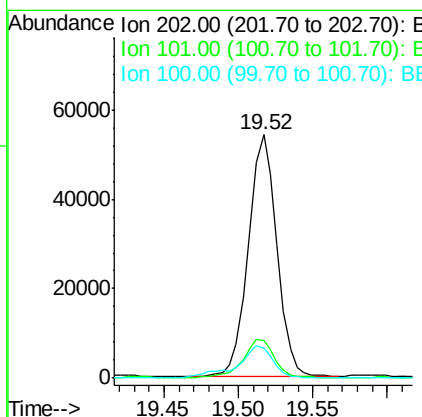
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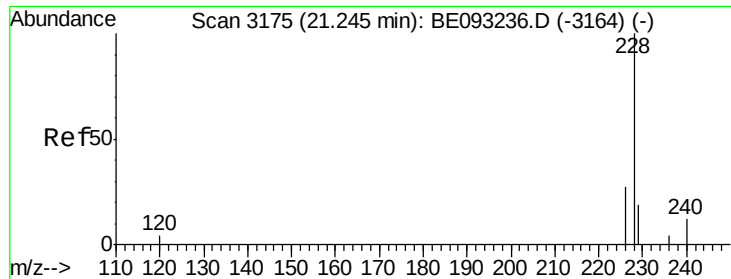
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#17
Pyrene
Concen: 1.21 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093240.D
Acq: 16 Jun 2017 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	72139		
101	15.6	18.2	27.4#	
100	12.5	15.6	23.4#	





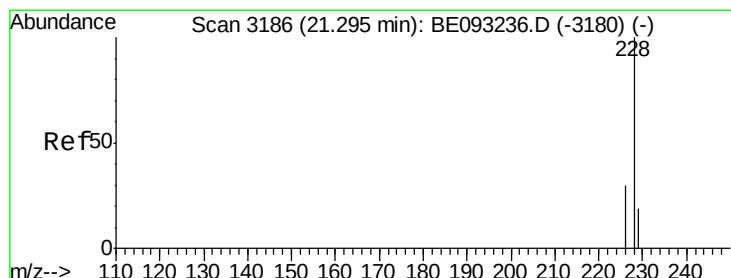
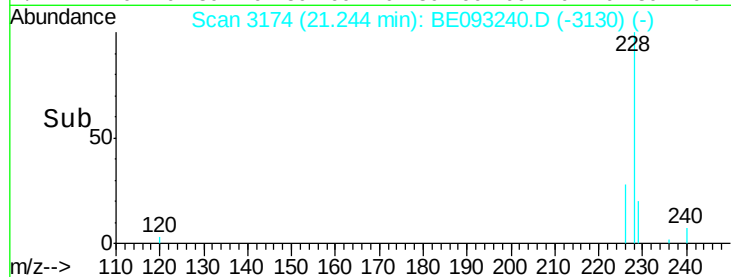
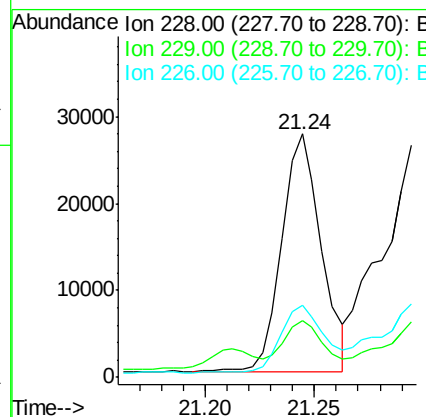
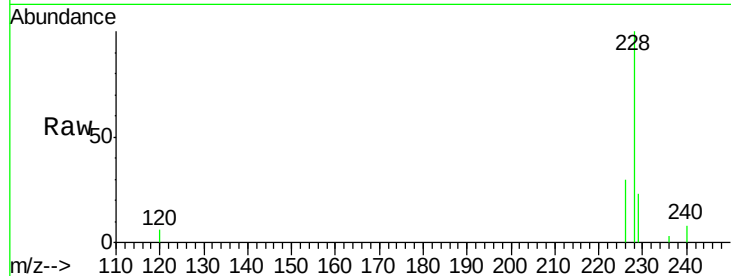
#18
Benzo(a)anthracene
Concen: 0.64 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093240.D
Acq: 16 Jun 2017 15:40

Instrument :
BNA_E
ClientSampleId :
F5C36DL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	34351		
229	23.2	22.8	34.2	
226	29.9	17.0	25.6	

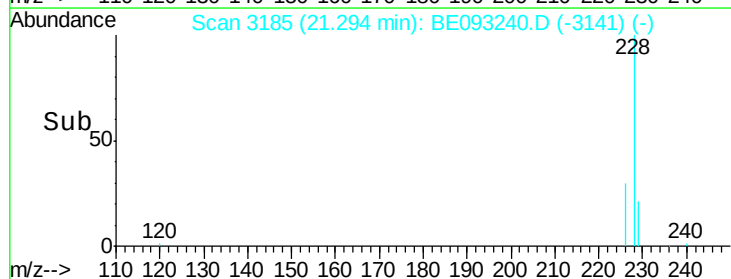
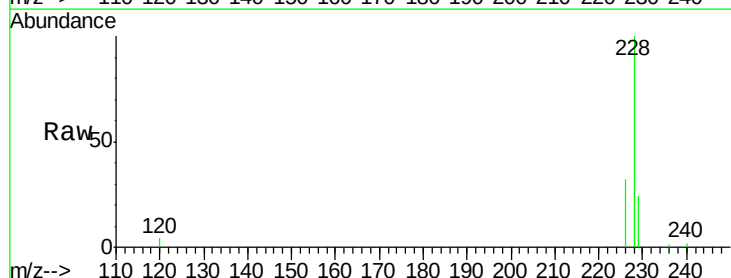
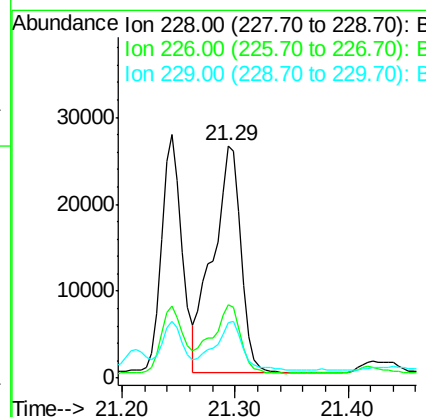
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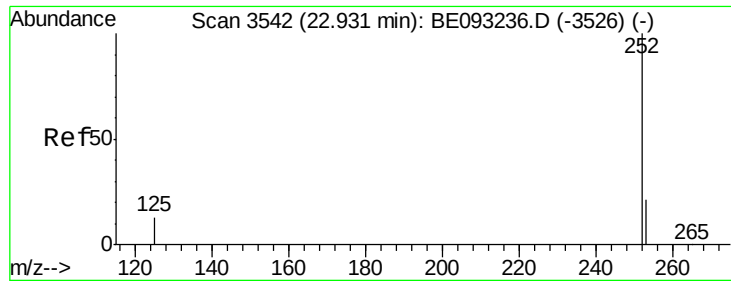
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#19
Chrysene
Concen: 0.81 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093240.D
Acq: 16 Jun 2017 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	45417		
226	31.8	23.4	35.0	
229	23.9	17.7	26.5	





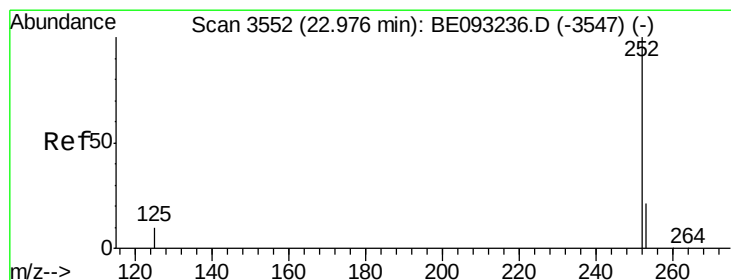
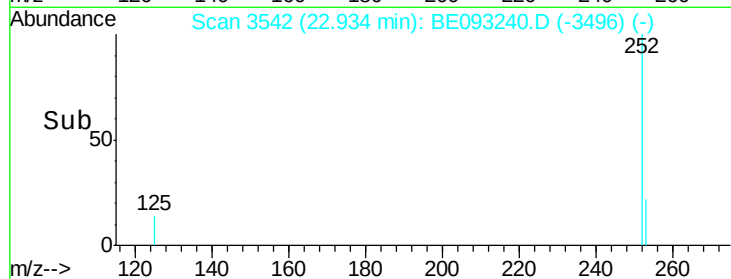
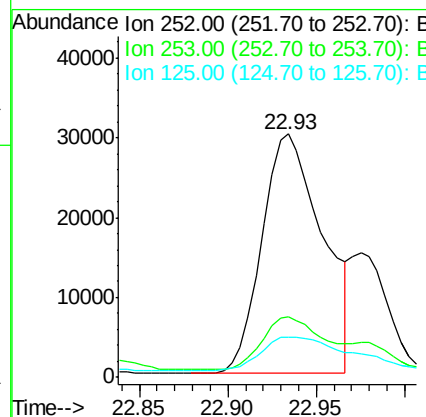
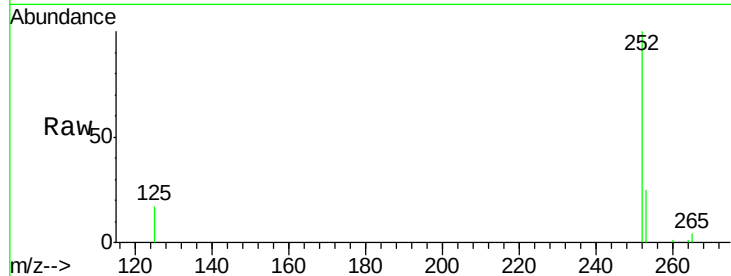
#21
Benzo(b)fluoranthene
Concen: 1.38 ng/ul m
RT: 22.93 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BE093240.D
Acq: 16 Jun 2017 15:40

Instrument :
BNA_E
ClientSampleId :
F5C36DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	64.2
125	16.6	0.0	35.0

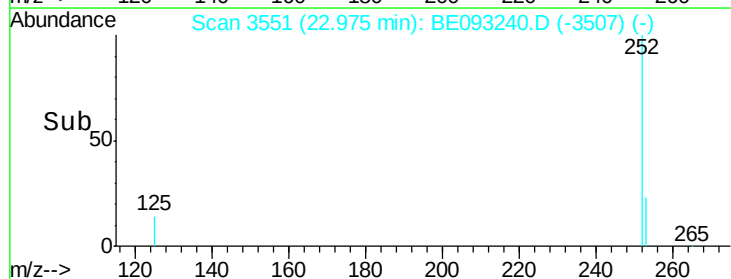
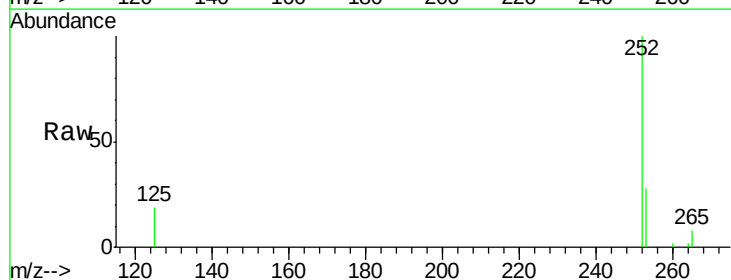
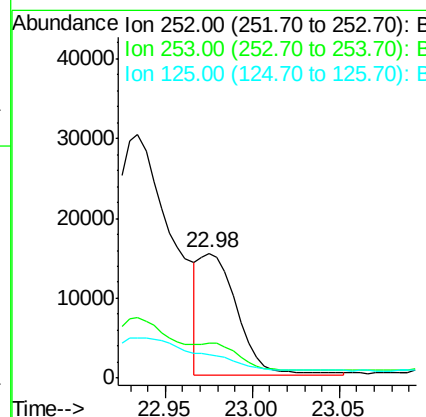
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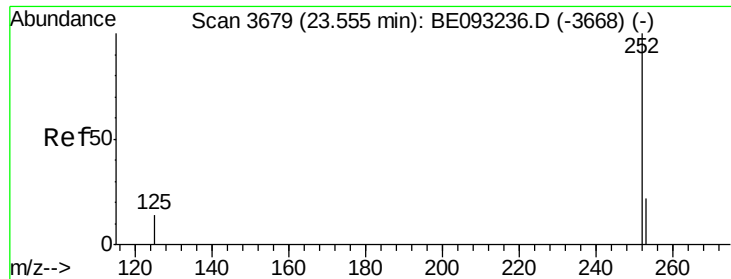
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#22
Benzo(k)fluoranthene
Concen: 0.42 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BE093240.D
Acq: 16 Jun 2017 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	24.5	36.7
125	19.0	13.7	20.5





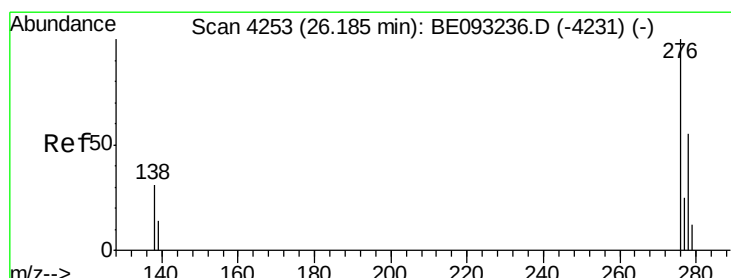
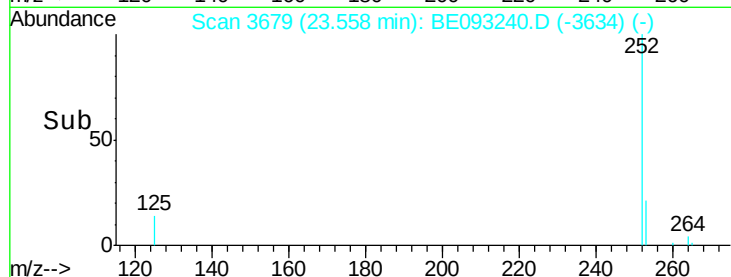
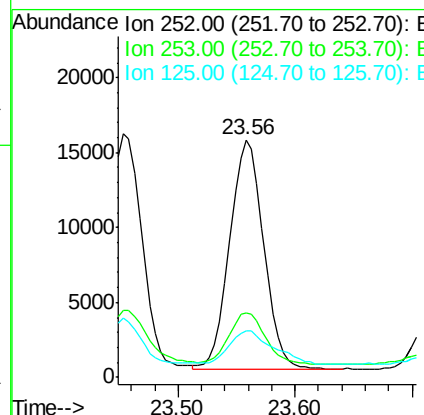
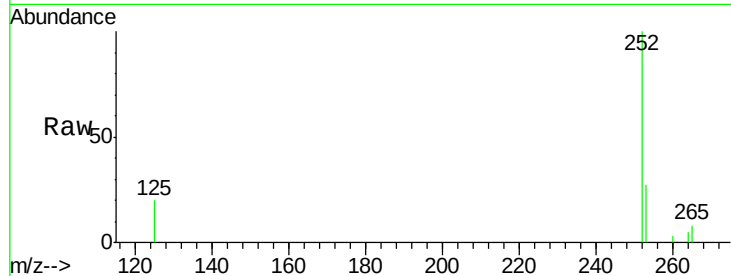
#23
Benzo(a)pyrene
Concen: 0.63 ng/ul
RT: 23.56 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BE093240.D
Acq: 16 Jun 2017 15:40

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BNA_E
ClientSampleId :
F5C36DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	28.5	42.7#
125	19.7	18.1	27.1

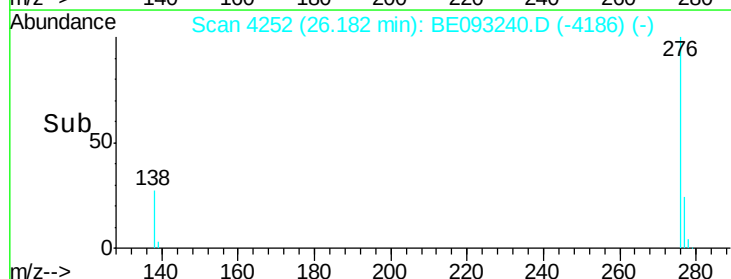
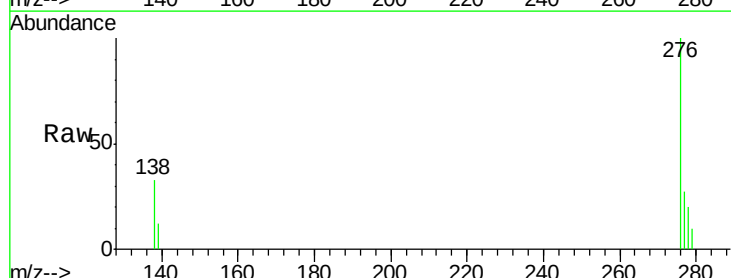
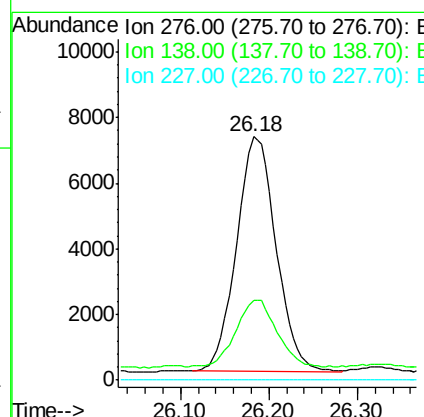
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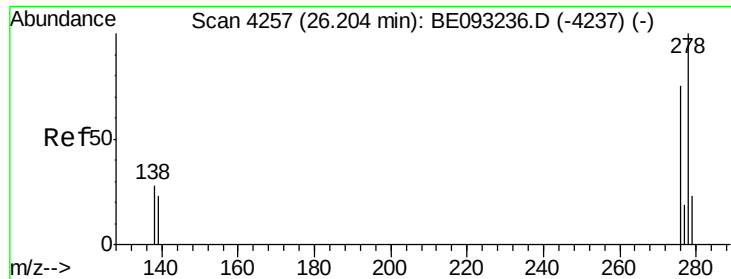
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng/ul
RT: 26.18 min Scan# 4252
Delta R.T. 0.00 min
Lab File: BE093240.D
Acq: 16 Jun 2017 15:40

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





#25

Dibenzo(a,h)anthracene

Concen: 0.12 ng/ul

RT: 26.20 min Scan# 4255

Delta R.T. -0.01 min

Lab File: BE093240.D

Acq: 16 Jun 2017 15:40

Instrument :

BNA_E

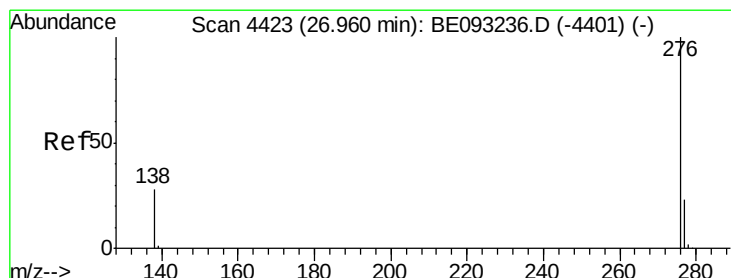
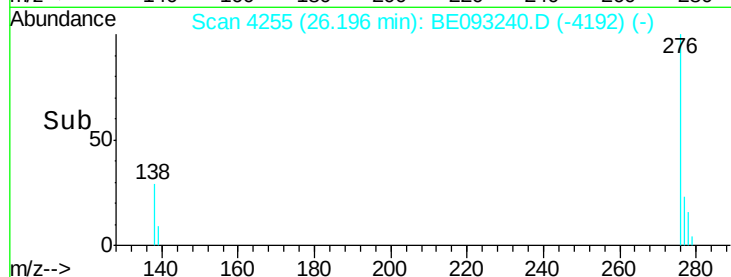
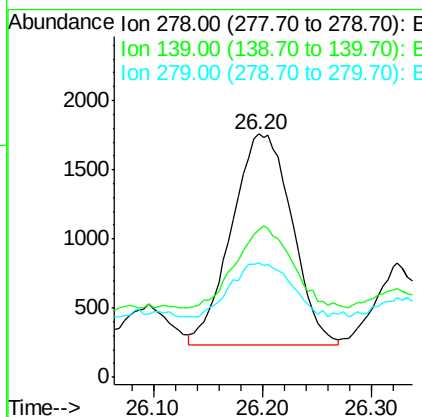
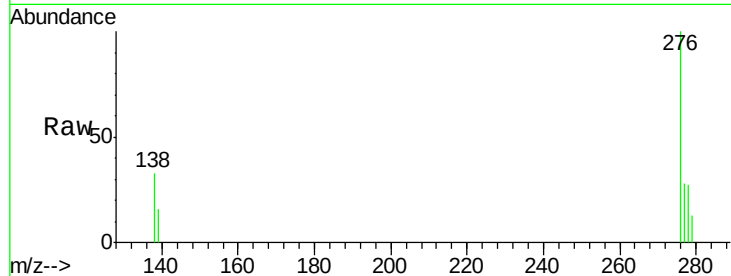
ClientSampleId :

F5C36DL

Tgt Ion:	278	Resp:	5840
Ion Ratio	Lower	Upper	
278	100		
139	60.4	17.4	26.0#
279	46.9	25.9	38.9#

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#26

Benzo(g,h,i)perylene

Concen: 0.35 ng/ul

RT: 26.96 min Scan# 4423

Delta R.T. 0.00 min

Lab File: BE093240.D

Acq: 16 Jun 2017 15:40

Tgt Ion:	276	Resp:	17128
Ion Ratio	Lower	Upper	
276	100		
138	33.8	21.8	32.8#
277	29.0	20.5	30.7

