

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
 Data File : BE093217.D
 Acq On : 15 Jun 2017 20:31
 Operator : SJ/MA
 Sample : I3521-15DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C24DL

Manual Integrations
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Quant Time: Jun 16 05:15:49 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	2649	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	14311	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8571	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20023	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21359	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	18173	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1231	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	3074	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	7510	0.212	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	2053	0.085	ng/ul	99
7) Acenaphthylene	14.09	152	49474	1.345	ng/ul	96
8) Acenaphthene	14.43	153	1173	0.040	ng/ul	93
9) Fluorene	15.42	166	2661	0.076	ng/ul	91
12) Phenanthrene	17.13	178	41029	0.745	ng/ul#	87
13) Anthracene	17.22	178	89193	1.859	ng/ul#	86
15) Fluoranthene	19.16	202	502561	7.439	ng/ul	84
17) Pyrene	19.52	202	572780	9.093	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	292889	5.141	ng/ul#	84
19) Chrysene	21.30	228	407040	6.887	ng/ul	99
21) Benzo(b)fluoranthene	22.94	252	620441m	11.250	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	219500m	3.747	ng/ul	
23) Benzo(a)pyrene	23.56	252	259821	4.983	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.19	276	206263	3.416	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.20	278	54858	1.079	ng/ul	92
26) Benzo(g,h,i)perylene	26.97	276	163572	3.159	ng/ul	97

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

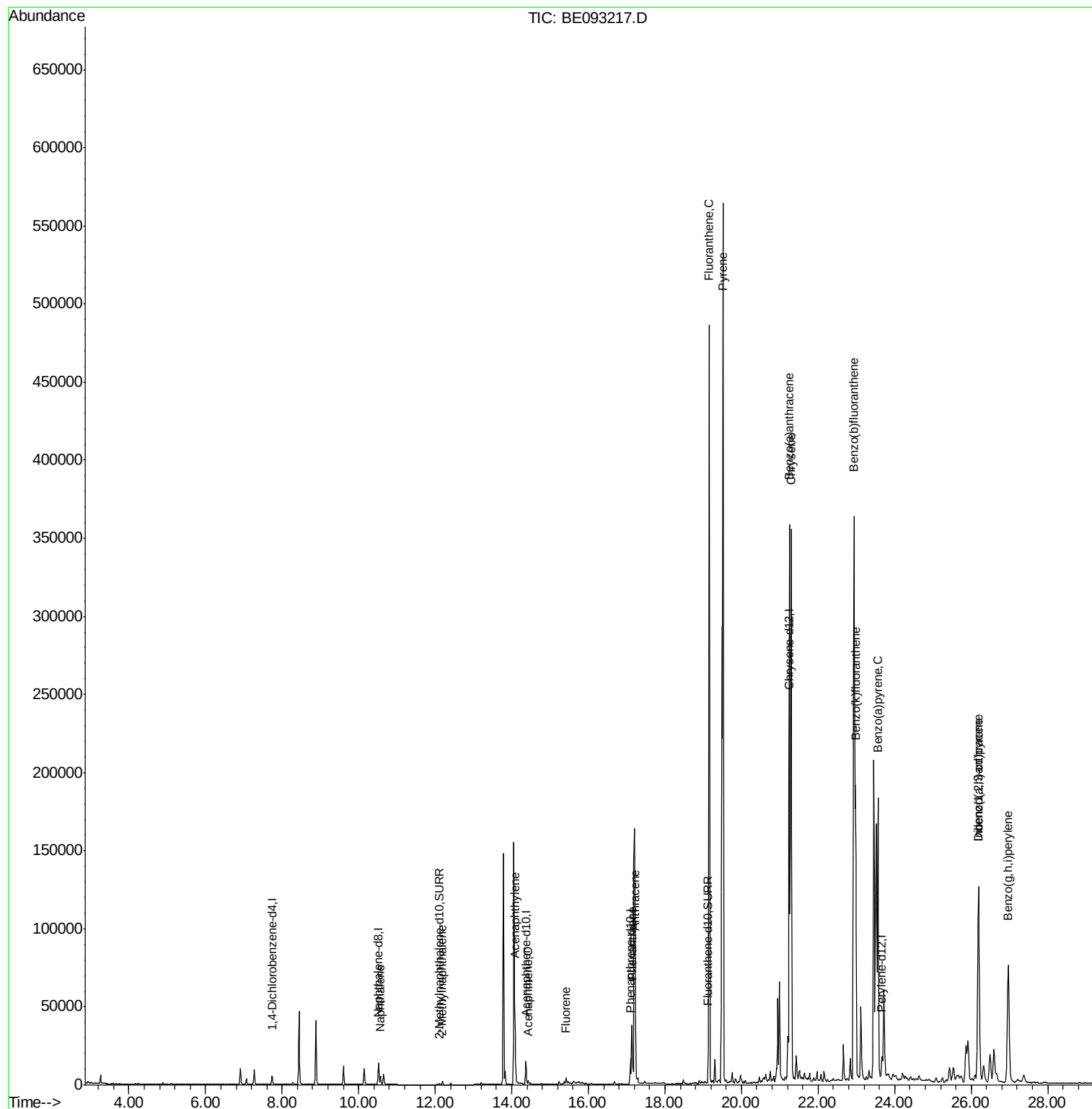
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093217.D
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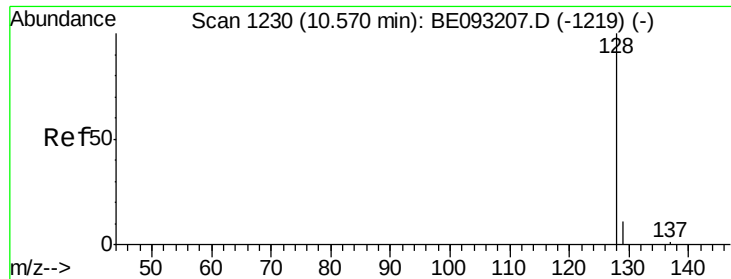
Instrument :
BNA_E
ClientSampleId :
F5C24DL

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Quant Time: Jun 16 05:15:49 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: 0.212 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Instrument :

BNA_E

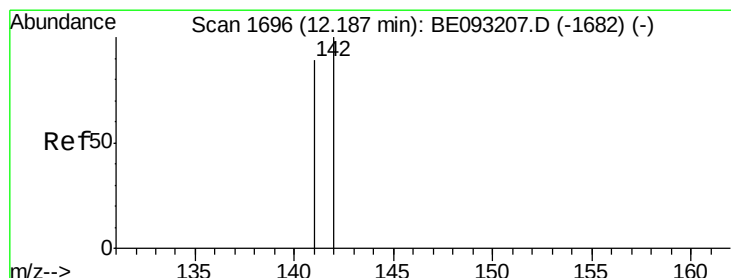
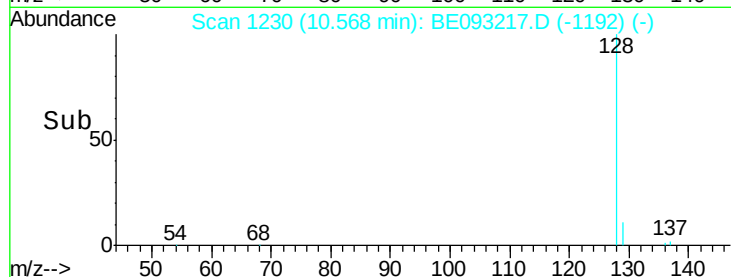
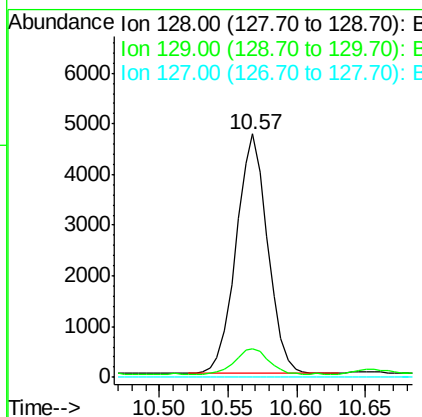
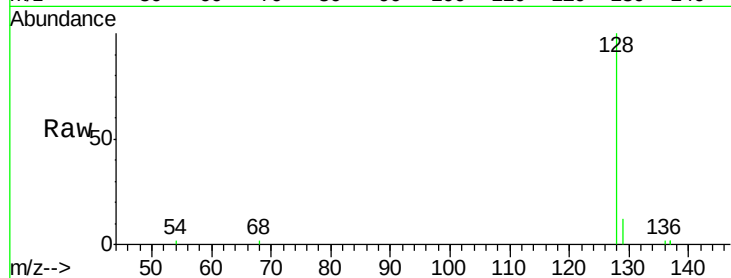
ClientSampleId :

F5C24DL

Tgt Ion:	128	Resp:	7510
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: 0.085 ng/ul

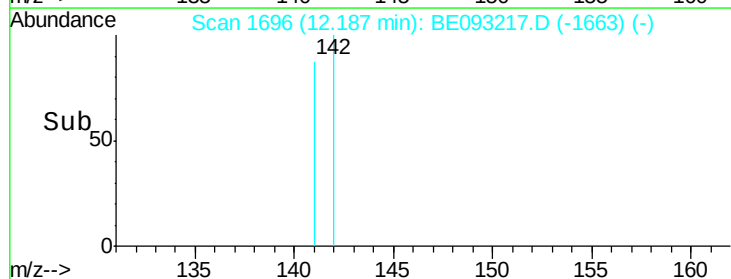
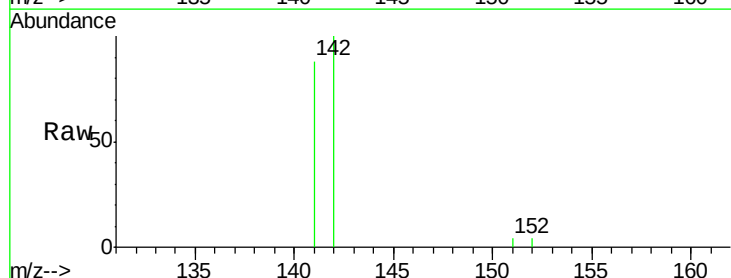
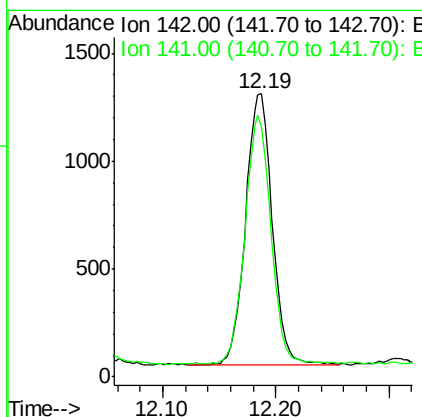
RT: 12.19 min Scan# 1696

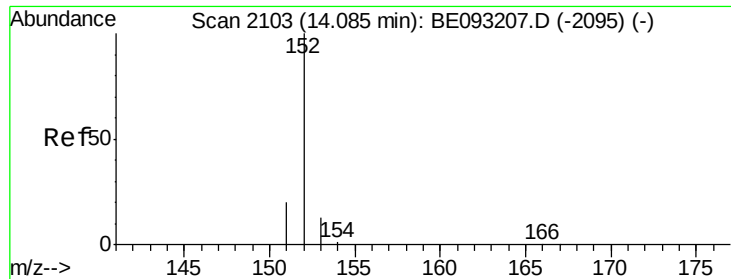
Delta R.T. 0.00 min

Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Tgt Ion:	142	Resp:	2053
Ion Ratio	Lower	Upper	
142	100		
141	89.7	72.6	108.8





#7

Acenaphthylene

Concen: 1.345 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Instrument :

BNA_E

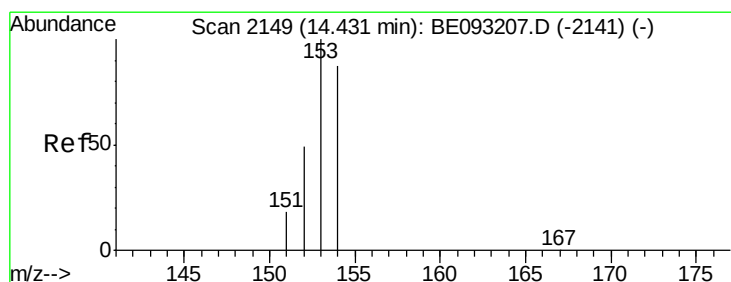
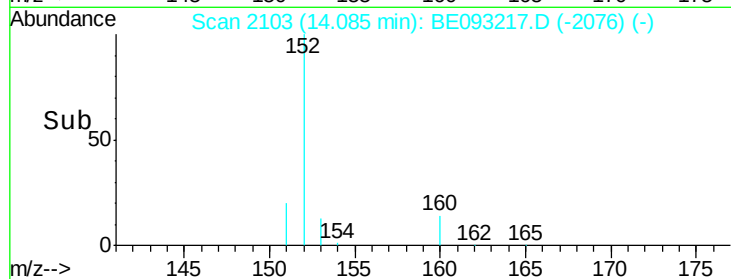
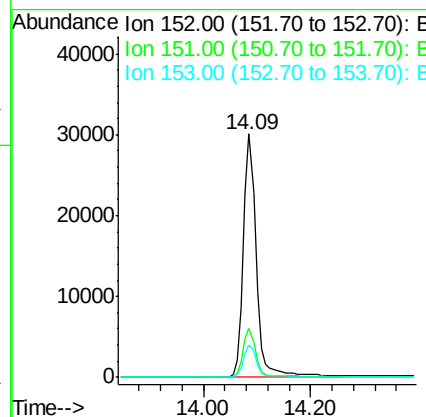
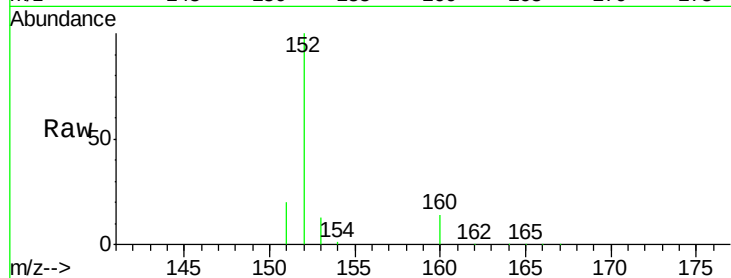
ClientSampleId :

F5C24DL

Tgt Ion:	152	Resp:	49474
Ion Ratio	Lower	Upper	
152	100		
151	20.2	17.1	25.7
153	13.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.040 ng/ul

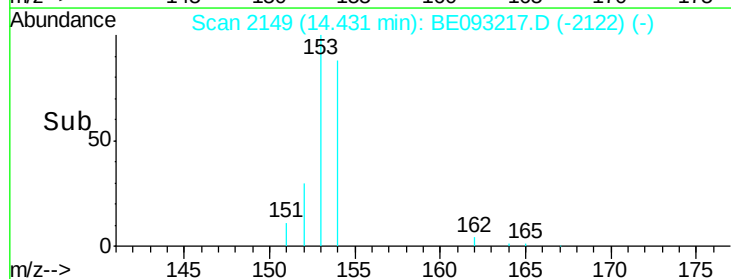
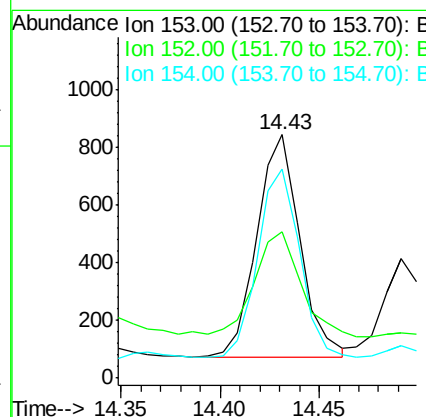
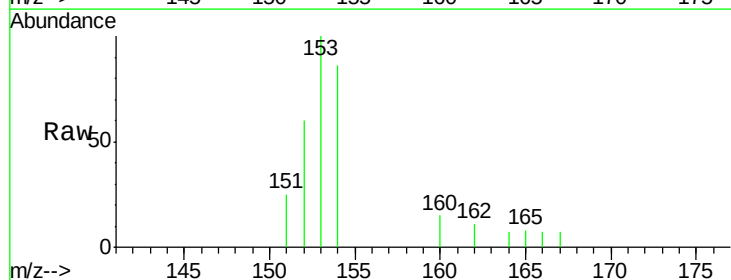
RT: 14.43 min Scan# 2149

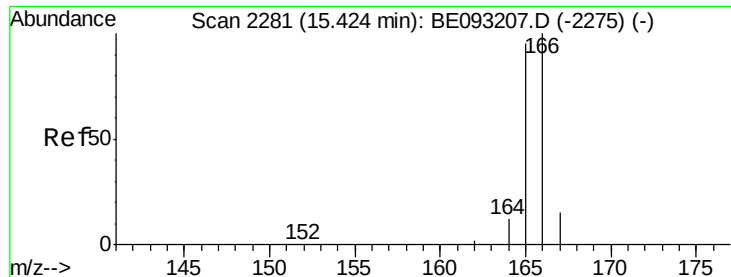
Delta R.T. 0.00 min

Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Tgt Ion:	153	Resp:	1173
Ion Ratio	Lower	Upper	
153	100		
152	60.0	40.3	60.5
154	85.9	71.4	107.2





#9

Fluorene

Concen: 0.076 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Instrument :

BNA_E

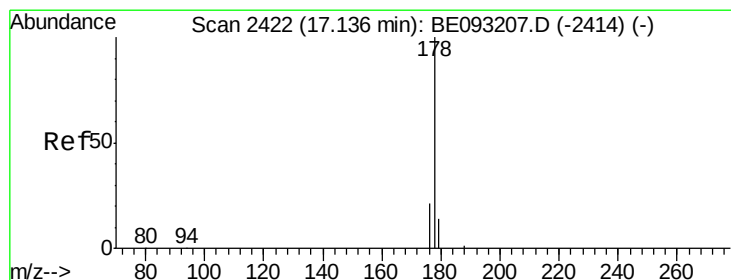
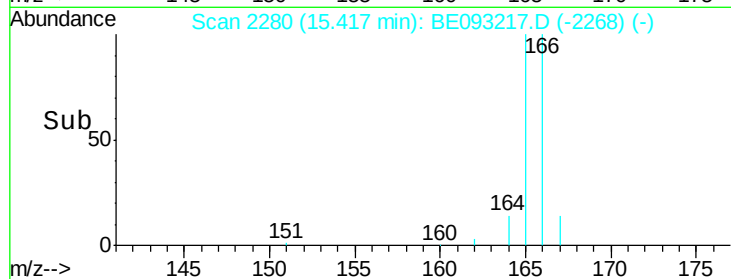
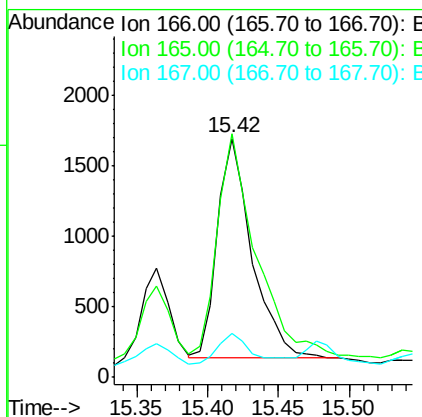
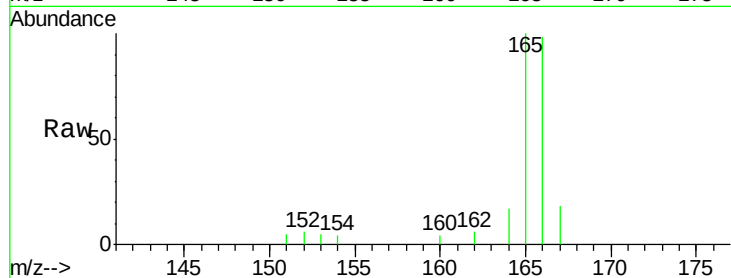
ClientSampleId :

F5C24DL

Tgt Ion:	166	Resp:	2661
Ion Ratio	Lower	Upper	
166	100		
165	102.0	73.4	110.2
167	18.4	14.6	22.0

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#12

Phenanthrene

Concen: 0.745 ng/ul

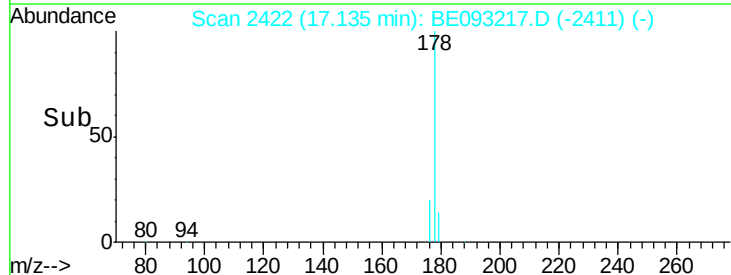
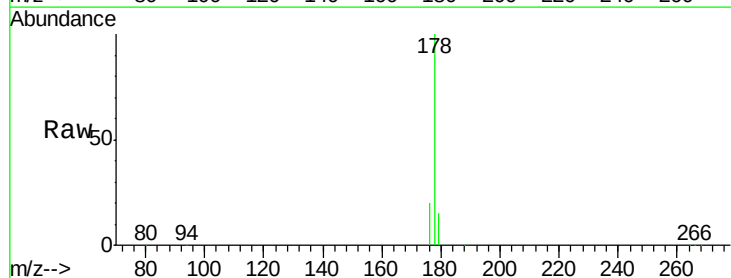
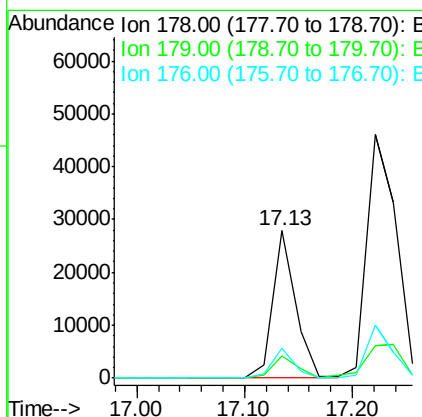
RT: 17.13 min Scan# 2422

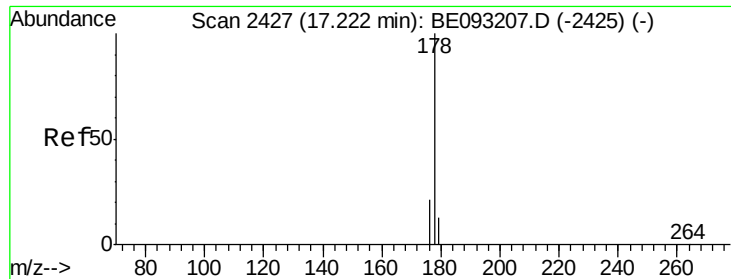
Delta R.T. -0.00 min

Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Tgt Ion:	178	Resp:	41029
Ion Ratio	Lower	Upper	
178	100		
179	14.7	18.4	27.6#
176	20.5	13.6	20.4#





#13

Anthracene

Concen: 1.859 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Instrument :

BNA_E

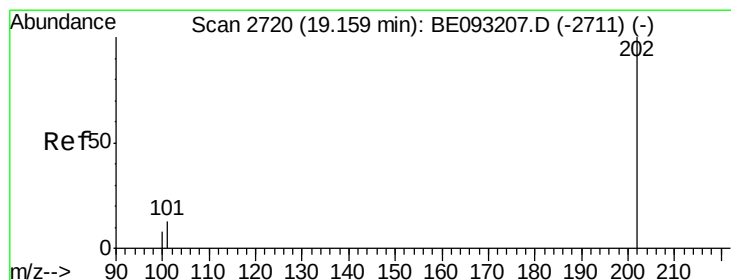
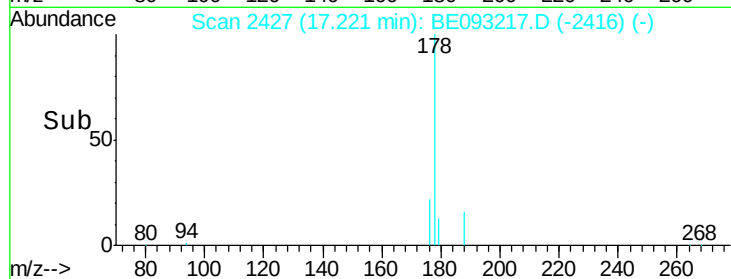
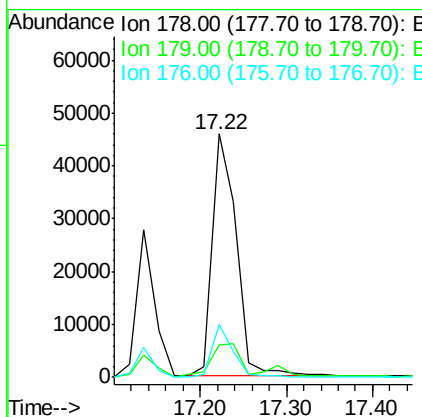
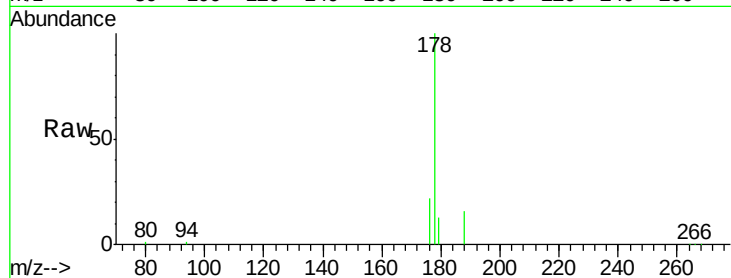
ClientSampleId :

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Tgt Ion:	178	Resp:	89193
Ion Ratio	Lower	Upper	
178	100		
179	13.4	18.1	27.1#
176	21.7	14.7	22.1

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#15

Fluoranthene

Concen: 7.439 ng/ul

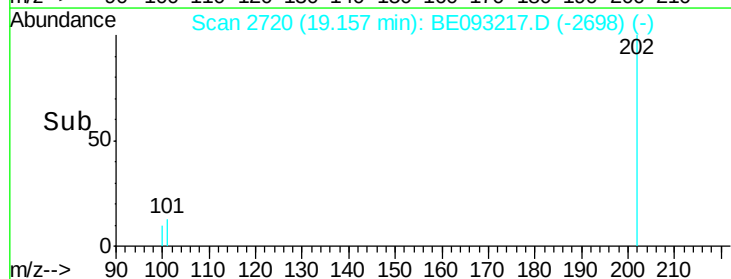
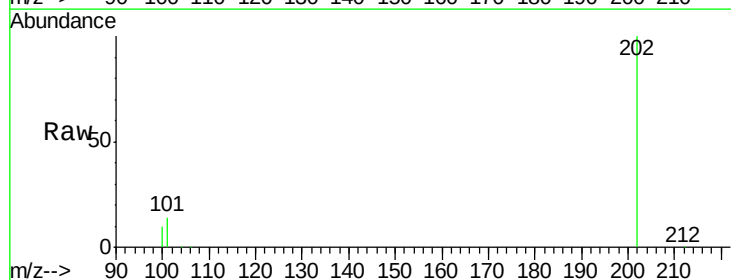
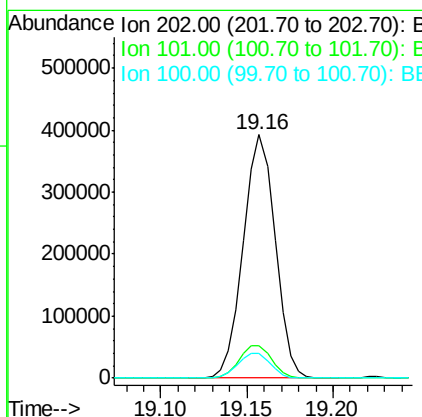
RT: 19.16 min Scan# 2720

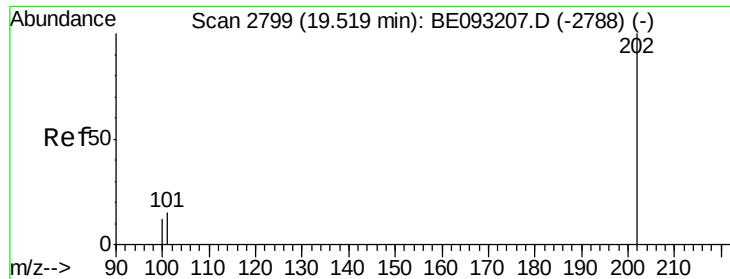
Delta R.T. -0.00 min

Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Tgt Ion:	202	Resp:	502561
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	30.3
100	10.2	0.0	39.5





#17

Pyrene

Concen: 9.093 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Instrument :

BNA_E

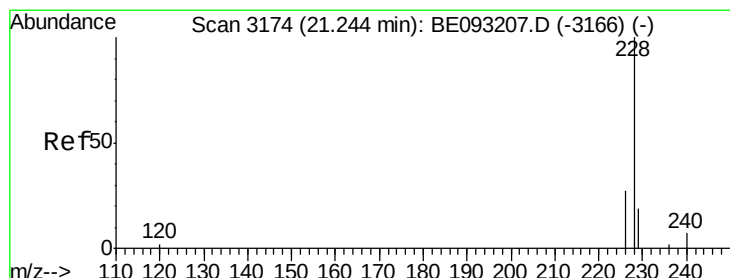
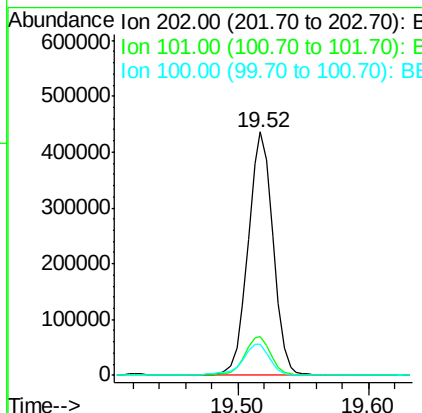
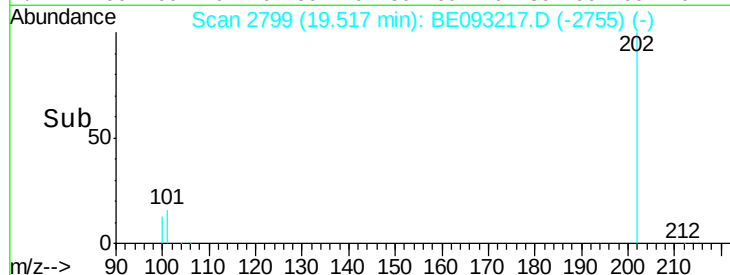
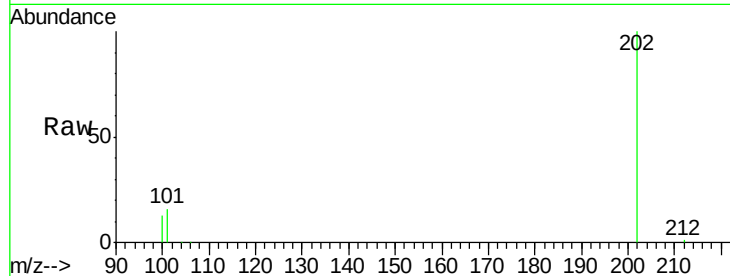
ClientSampleId :

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Tgt Ion:	202	Resp:	572780
Ion Ratio	Lower	Upper	
202	100		
101	16.0	18.2	27.4#
100	12.7	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 5.141 ng/ul

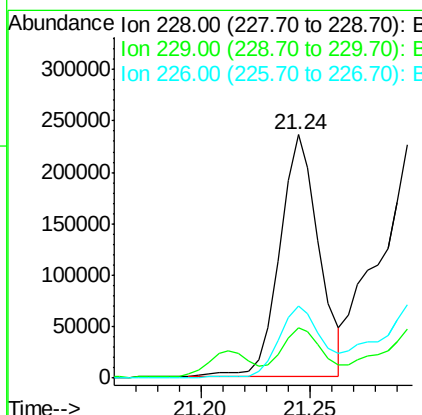
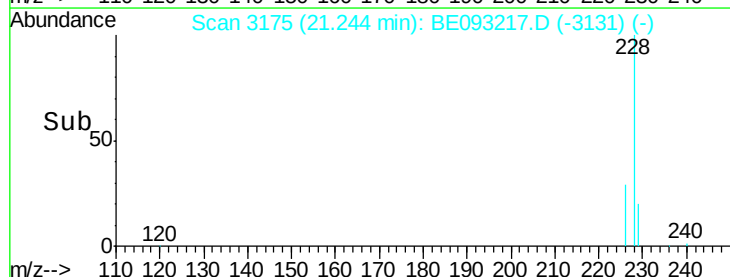
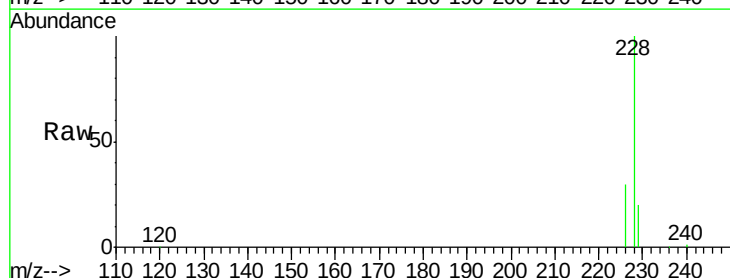
RT: 21.24 min Scan# 3175

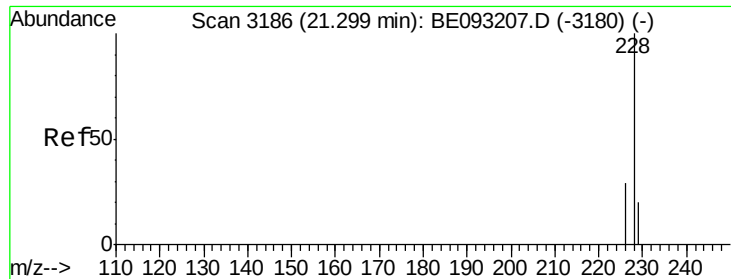
Delta R.T. 0.00 min

Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Tgt Ion:	228	Resp:	292889
Ion Ratio	Lower	Upper	
228	100		
229	20.5	22.8	34.2#
226	29.8	17.0	25.6#





#19

Chrysene

Concen: 6.887 ng/ul

RT: 21.30 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Instrument :

BNA_E

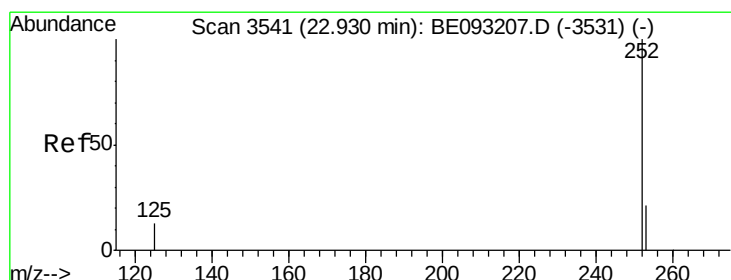
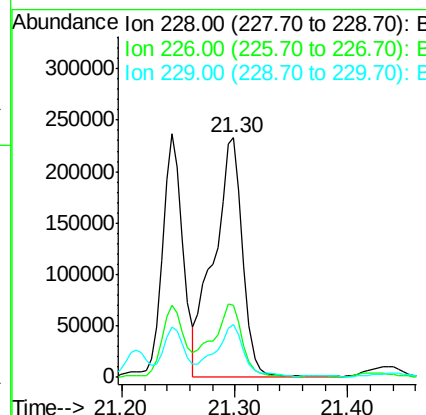
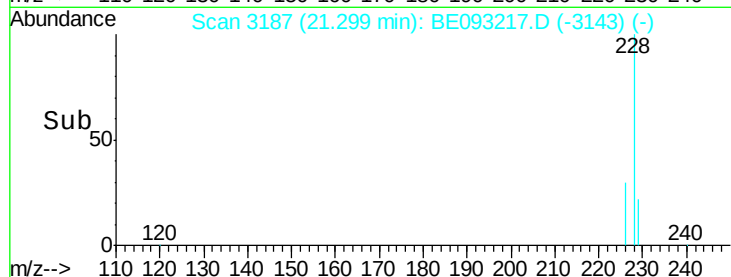
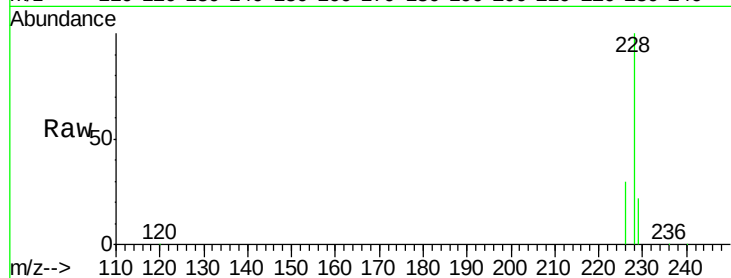
ClientSampleId :

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Tgt Ion:	228	Resp:	407040
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 11.250 ng/ul m

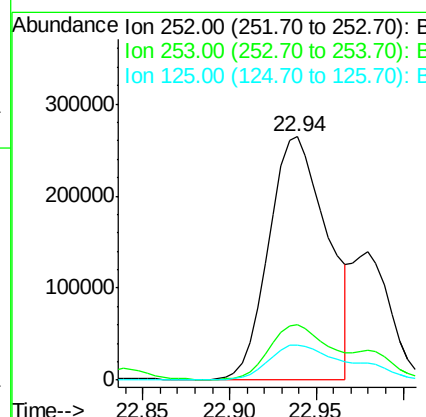
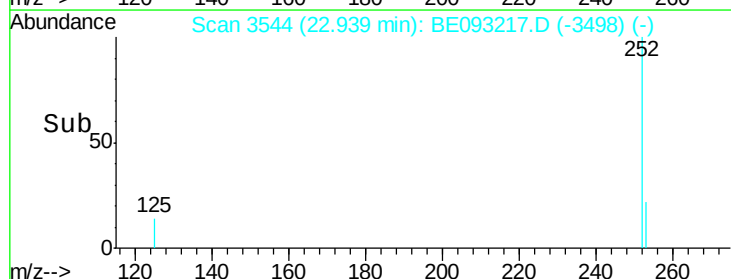
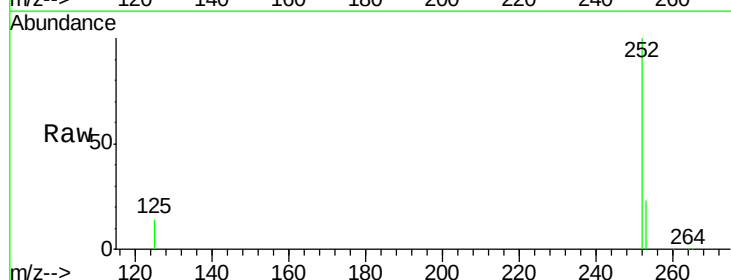
RT: 22.94 min Scan# 3544

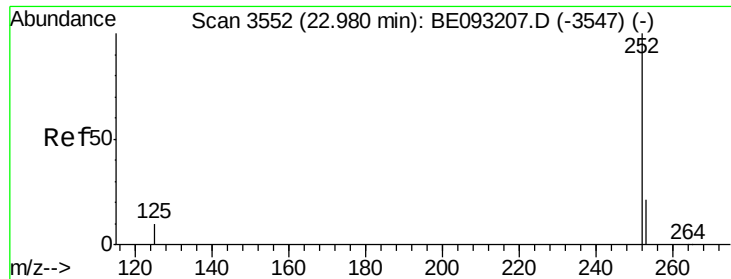
Delta R.T. 0.01 min

Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Tgt Ion:	252	Resp:	620441
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	64.2
125	14.4	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 3.747 ng/ul m

RT: 22.98 min Scan# 3553

Delta R.T. 0.00 min

Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Instrument :

BNA_E

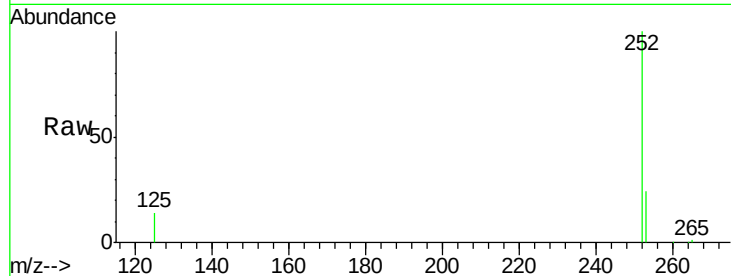
ClientSampleId :

F5C24DL

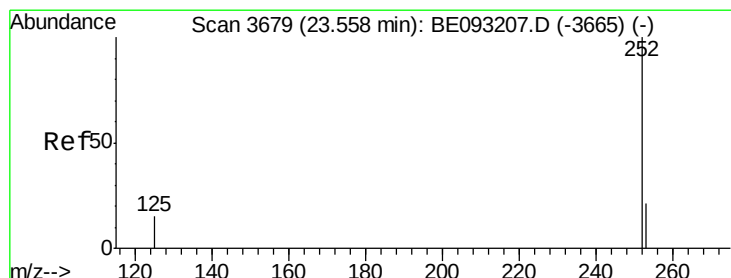
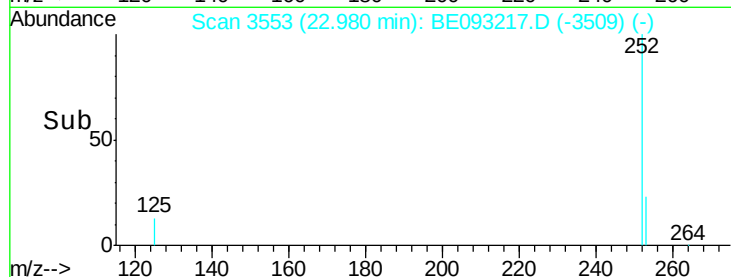
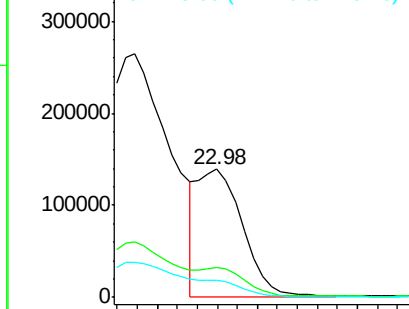
Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		219500		
253	23.6	24.5	36.7#		
125	13.6	13.7	20.5#		

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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



#23

Benzo(a)pyrene

Concen: 4.983 ng/ul

RT: 23.56 min Scan# 3681

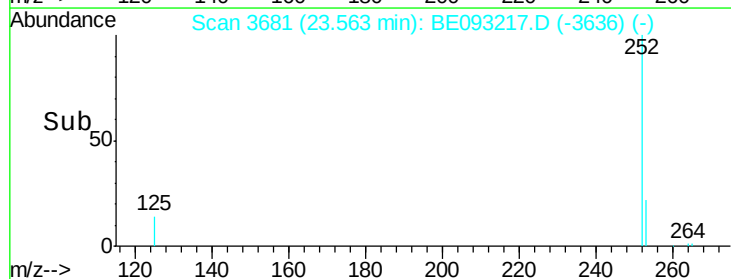
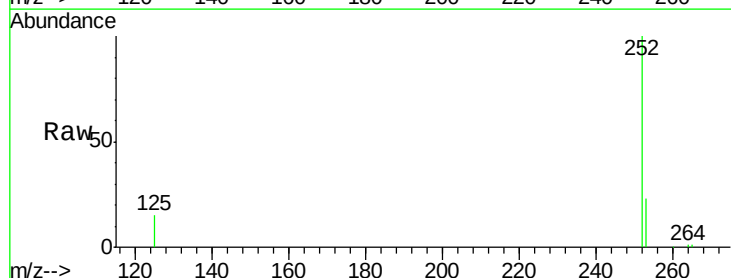
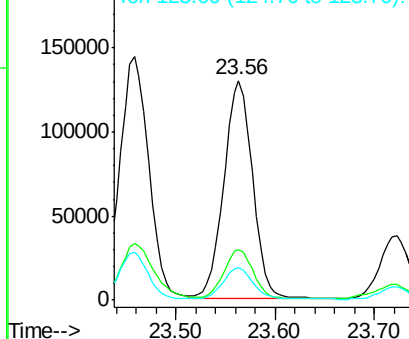
Delta R.T. 0.00 min

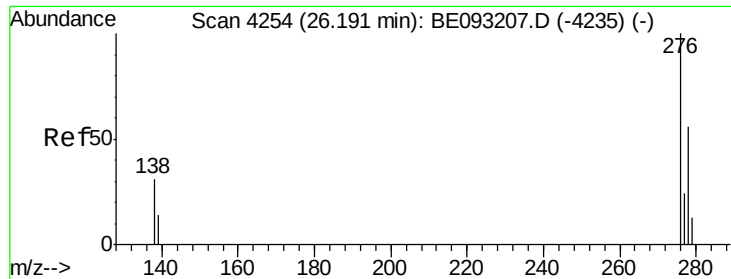
Lab File: BE093217.D

Acq: 15 Jun 2017 20:31

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		259821		
253	23.1	28.5	42.7#		
125	14.9	18.1	27.1#		

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





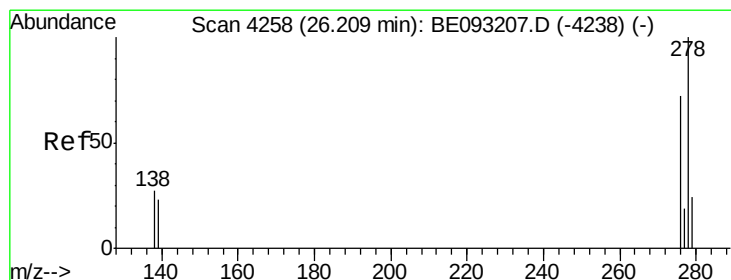
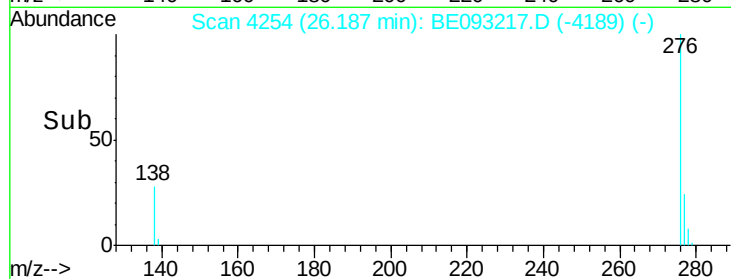
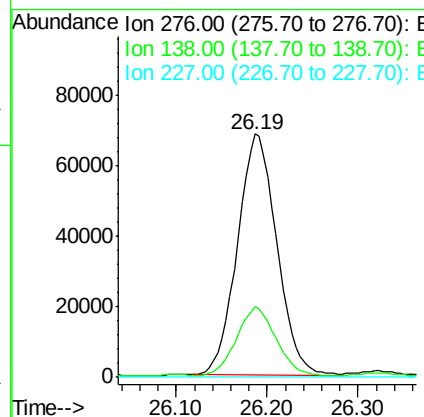
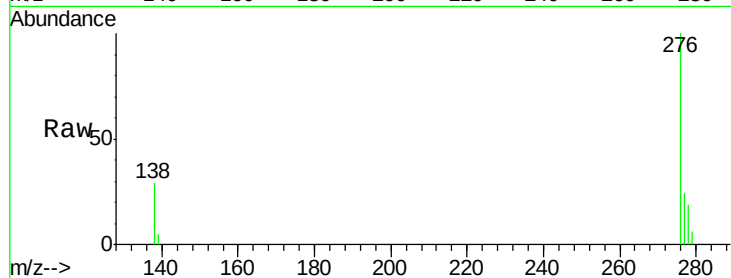
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.416 ng/ul
 RT: 26.19 min Scan# 4254
 Delta R.T. -0.00 min
 Lab File: BE093217.D
 Acq: 15 Jun 2017 20:31

Instrument :
 BNA_E
 ClientSampleId :
 F5C24DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.7	28.0	42.0
227	0.0	8.0	12.0

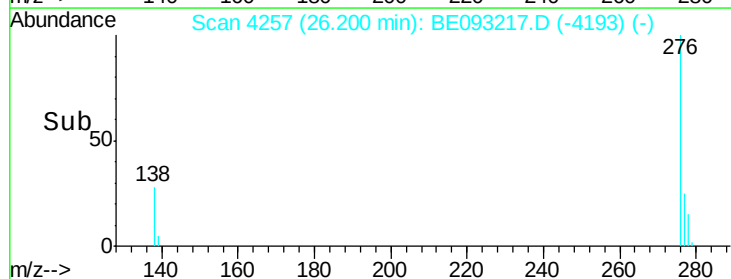
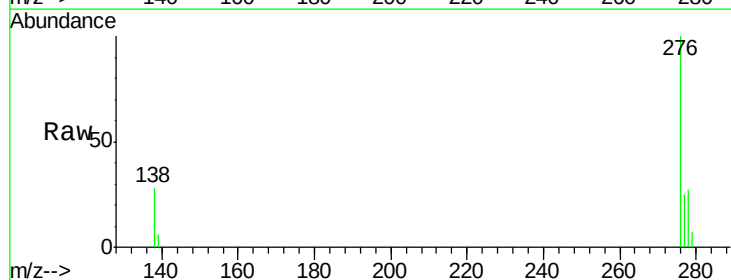
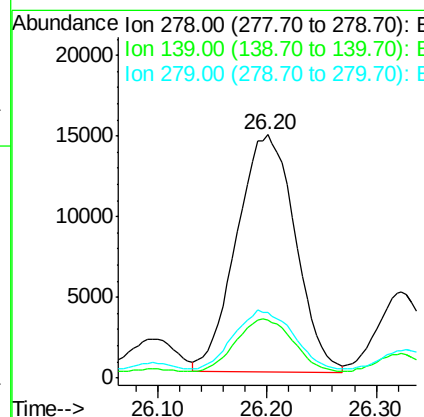
Manual Integrations
 APPROVED

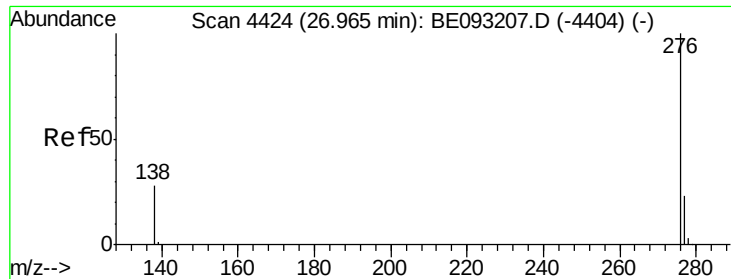
mohammad
 6/19/2017 11:06:46 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.079 ng/ul
 RT: 26.20 min Scan# 4257
 Delta R.T. -0.01 min
 Lab File: BE093217.D
 Acq: 15 Jun 2017 20:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	23.9	17.4	26.0
279	27.0	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 3.159 ng/ul
 RT: 26.97 min Scan# 4426
 Delta R.T. 0.01 min
 Lab File: BE093217.D
 Acq: 15 Jun 2017 20:31

Instrument :
 BNA_E
 ClientSampleId :
 F5C24DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.2	21.8	32.8
277	24.0	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 6/19/2017 11:06:46 AM

