

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
 Data File : BE093215.D
 Acq On : 15 Jun 2017 19:17
 Operator : SJ/MA
 Sample : I3522-05DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5D30DL

Manual Integrations
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mohammad
 6/19/2017 11:06:40 AM

Quant Time: Jun 16 05:08:37 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	2531	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12878	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7556	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	18540	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	20858	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	16855	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	990	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	2625	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	1794	0.056	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	459	0.021	ng/ul	100
7) Acenaphthylene	14.09	152	35331	1.090	ng/ul	96
8) Acenaphthene	14.43	153	879	0.034	ng/ul#	94
9) Fluorene	15.42	166	1234	0.040	ng/ul#	93
12) Phenanthrene	17.14	178	22530	0.442	ng/ul#	80
13) Anthracene	17.22	178	50015	1.126	ng/ul#	86
15) Fluoranthene	19.16	202	447430	7.152	ng/ul	83
17) Pyrene	19.52	202	499056	8.113	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	238401	4.285	ng/ul#	85
19) Chrysene	21.30	228	328477	5.691	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	528596m	10.334	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	191418m	3.524	ng/ul	
23) Benzo(a)pyrene	23.56	252	223700	4.625	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.19	276	137355	2.453	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.20	278	35697	0.757	ng/ul	91
26) Benzo(g,h,i)perylene	26.97	276	98954	2.060	ng/ul	97

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

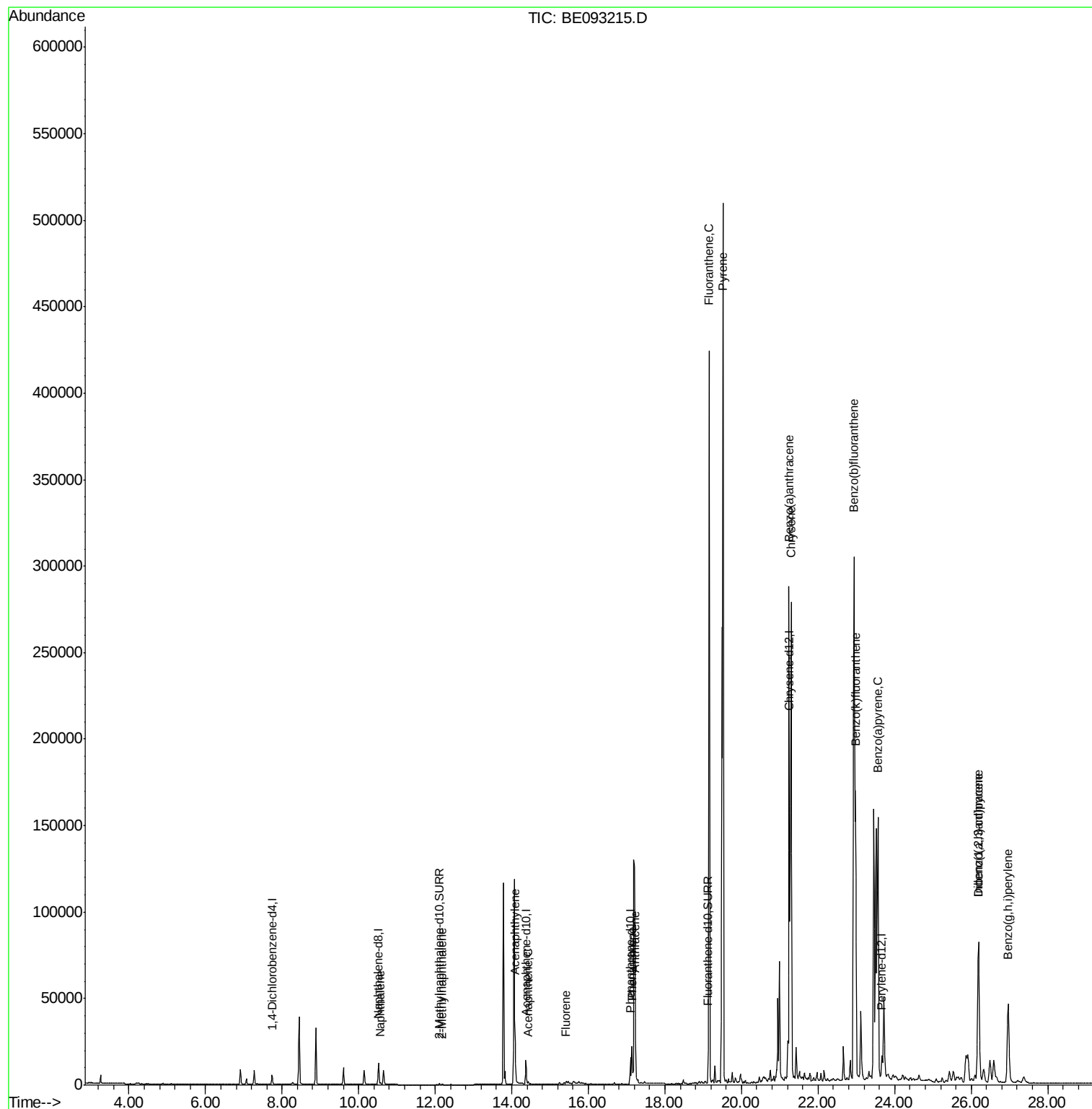
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093215.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

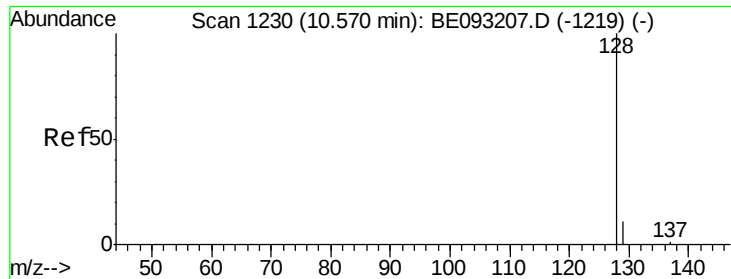
Instrument :
BNA_E
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F5D30DL

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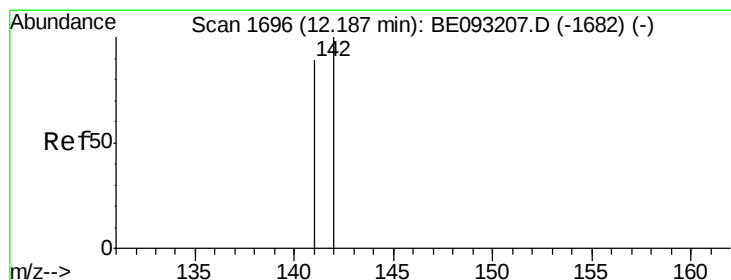
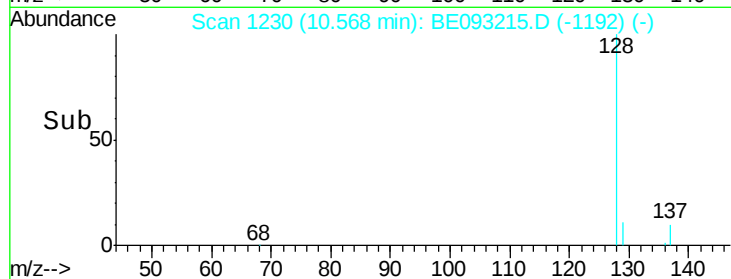
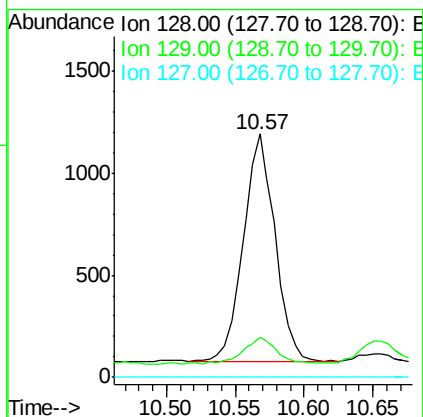
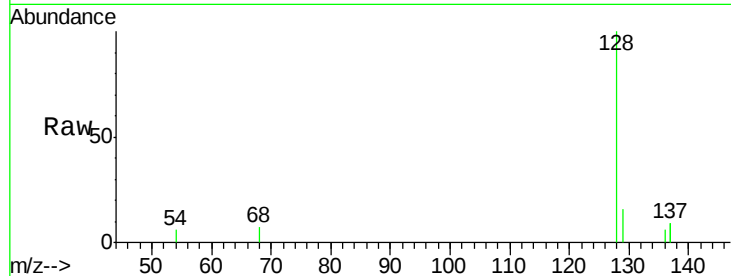
#3
Naphthalene
Concen: 0.056 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093215.D
Acq: 15 Jun 2017 19:17

Instrument :
BNA_E
ClientSampleId :
F5D30DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.3	11.3	16.9
127	0.0	4.0	6.0

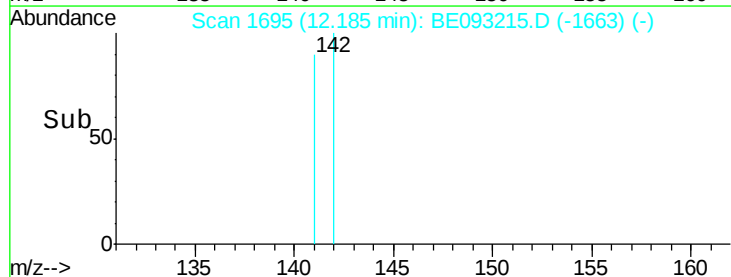
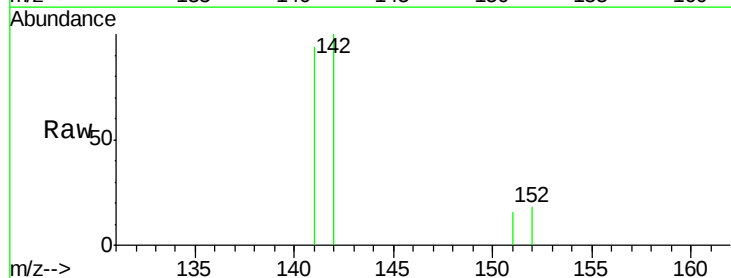
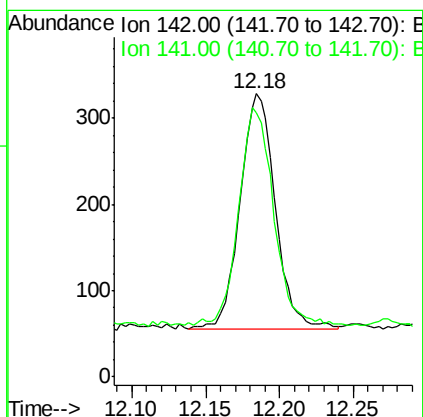
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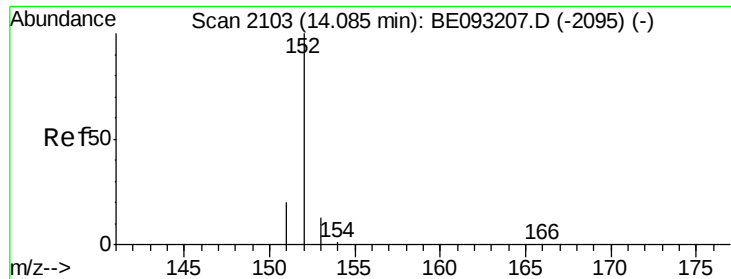
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#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.18 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BE093215.D
Acq: 15 Jun 2017 19:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.6	108.8





#7

Acenaphthylene

Concen: 1.090 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093215.D

Acq: 15 Jun 2017 19:17

Instrument :

BNA_E

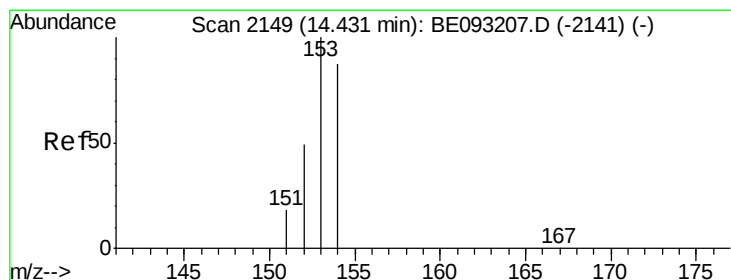
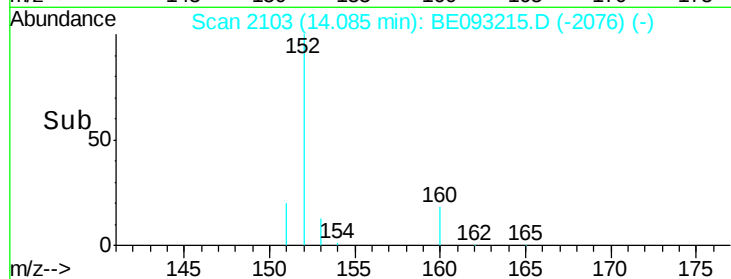
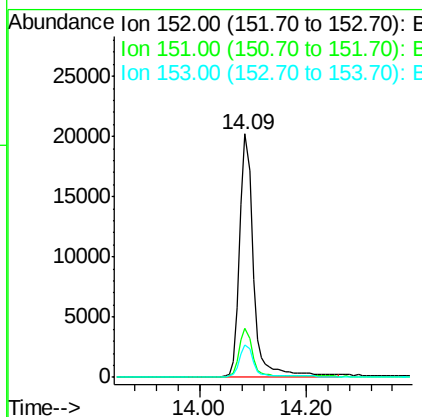
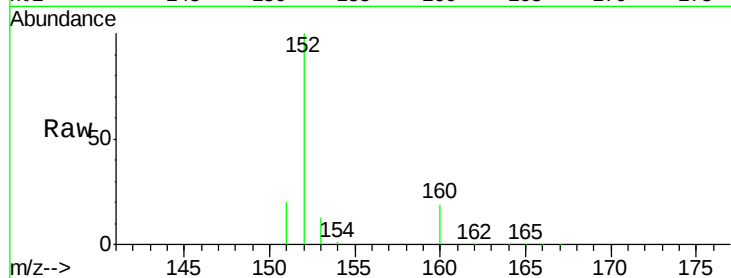
ClientSampled :

F5D30DL

Tgt Ion:	152	Resp:	35331
Ion Ratio	Lower	Upper	
152	100		
151	20.2	17.1	25.7
153	13.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.034 ng/ul

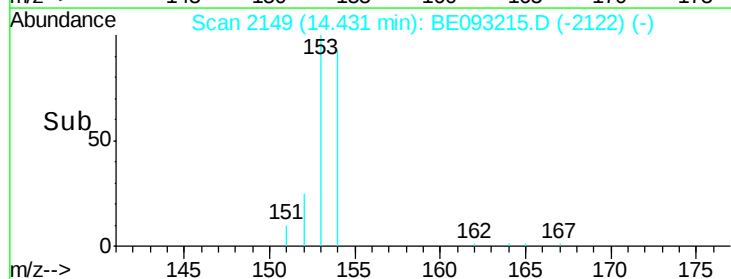
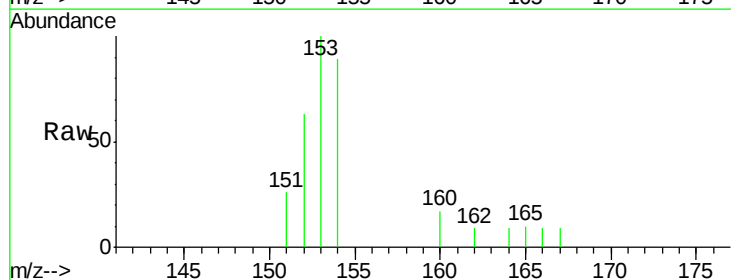
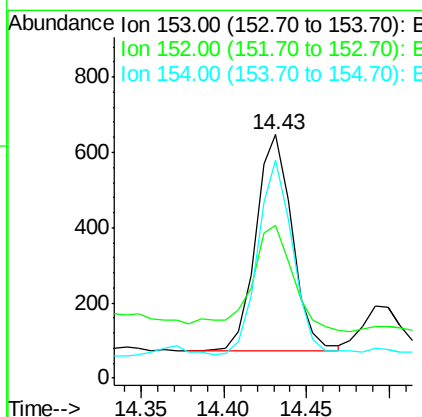
RT: 14.43 min Scan# 2149

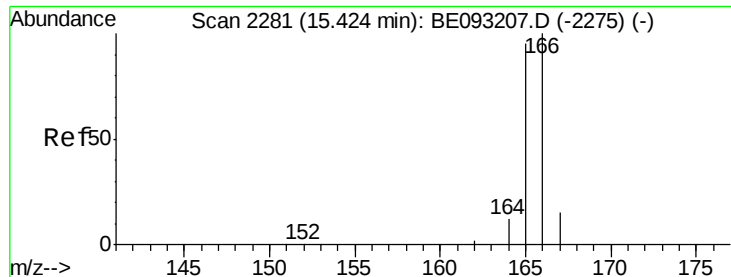
Delta R.T. 0.00 min

Lab File: BE093215.D

Acq: 15 Jun 2017 19:17

Tgt Ion:	153	Resp:	879
Ion Ratio	Lower	Upper	
153	100		
152	62.8	40.3	60.5#
154	89.3	71.4	107.2





#9

Fluorene

Concen: 0.040 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE093215.D

Acq: 15 Jun 2017 19:17

Instrument :

BNA_E

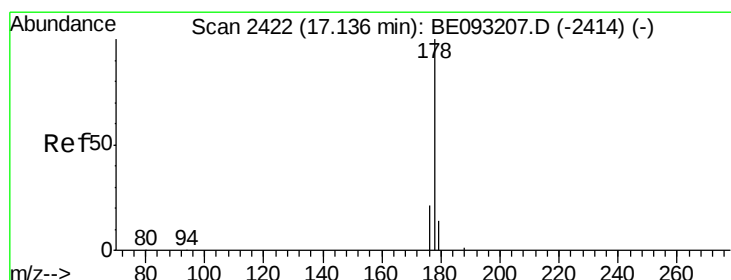
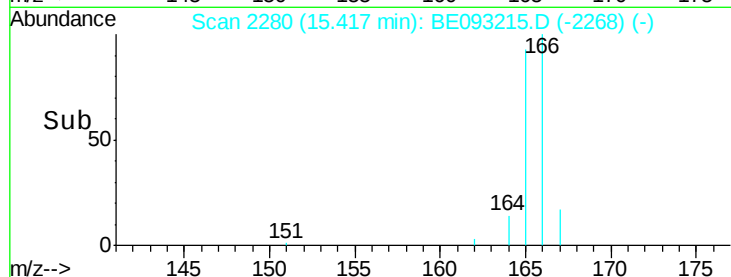
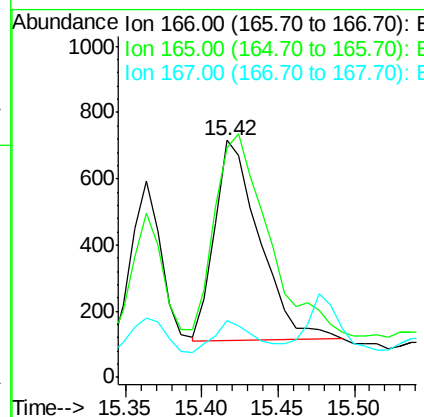
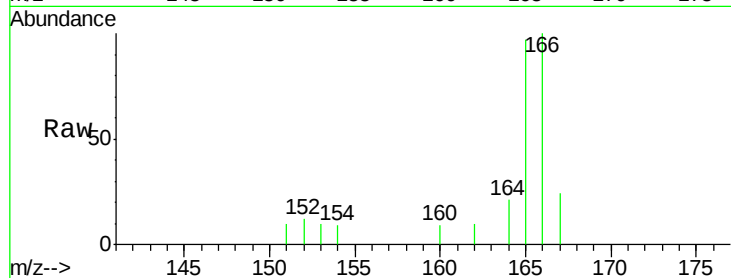
ClientSampleId :

F5D30DL

Tgt Ion:	166	Resp:	1234
Ion Ratio	Lower	Upper	
166	100		
165	97.1	73.4	110.2
167	23.9	14.6	22.0#

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#12

Phenanthrene

Concen: 0.442 ng/ul

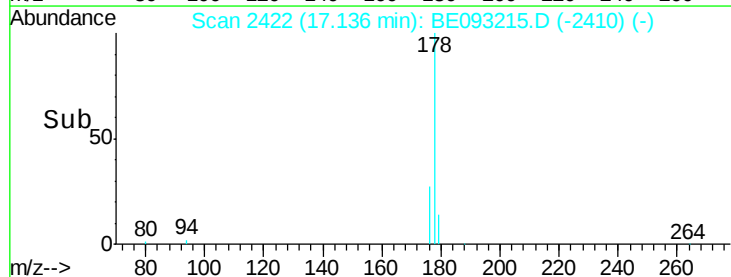
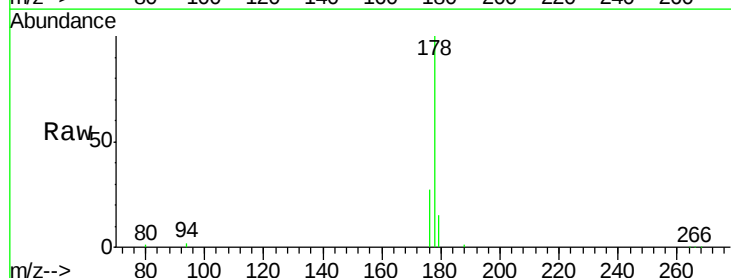
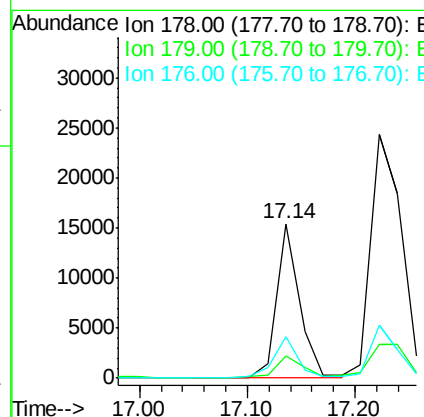
RT: 17.14 min Scan# 2422

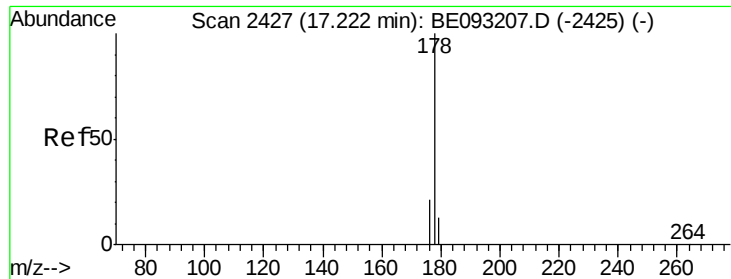
Delta R.T. 0.00 min

Lab File: BE093215.D

Acq: 15 Jun 2017 19:17

Tgt Ion:	178	Resp:	22530
Ion Ratio	Lower	Upper	
178	100		
179	14.6	18.4	27.6#
176	27.0	13.6	20.4#





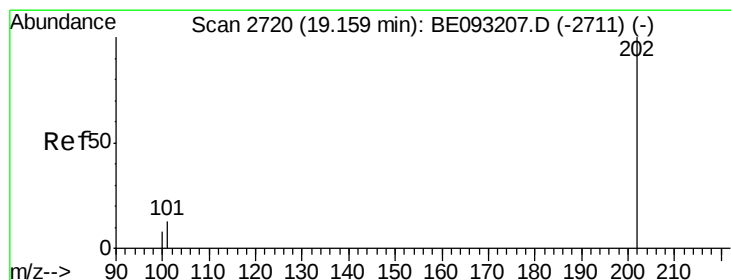
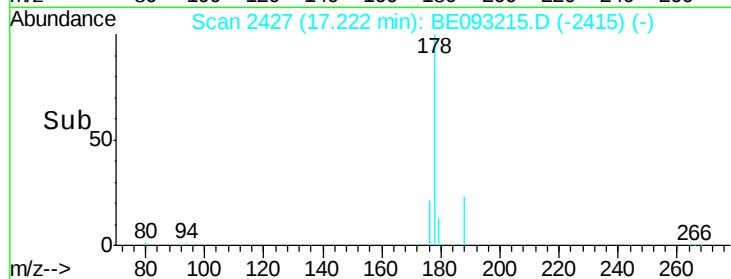
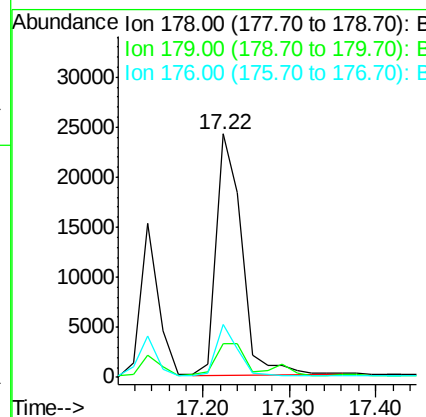
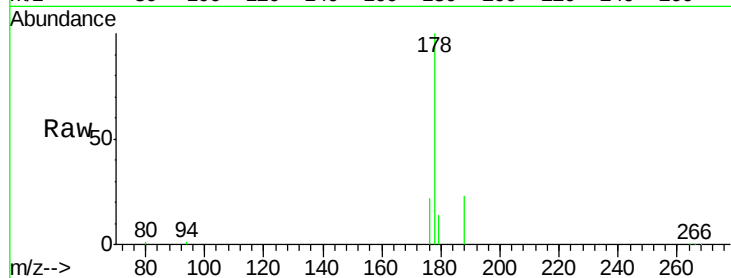
#13
 Anthracene
 Concen: 1.126 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BE093215.D
 Acq: 15 Jun 2017 19:17

Instrument :
 BNA_E
 ClientSampleId :
 F5D30DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.6	18.1	27.1#
176	21.6	14.7	22.1

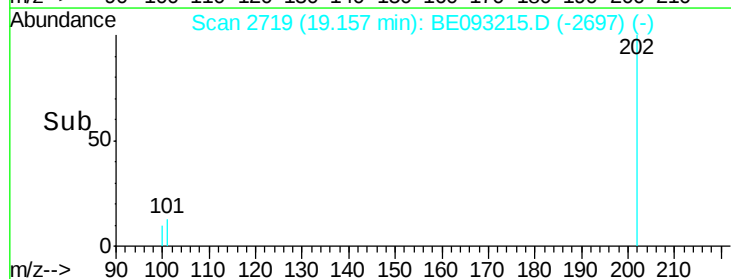
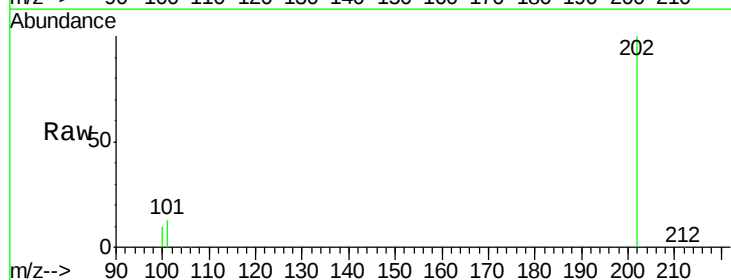
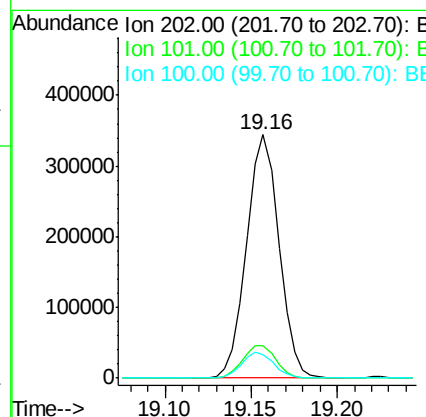
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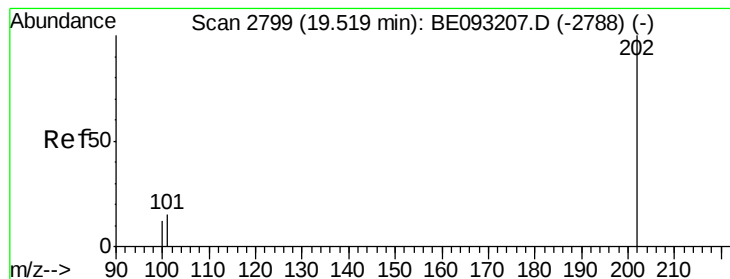
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#15
 Fluoranthene
 Concen: 7.152 ng/ul
 RT: 19.16 min Scan# 2719
 Delta R.T. -0.00 min
 Lab File: BE093215.D
 Acq: 15 Jun 2017 19:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	30.3
100	9.8	0.0	39.5





#17

Pyrene

Concen: 8.113 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093215.D

Acq: 15 Jun 2017 19:17

Instrument :

BNA_E

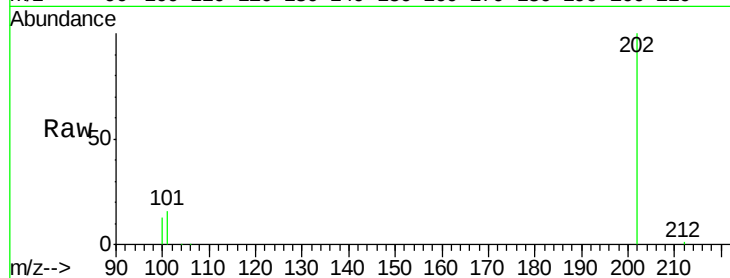
ClientSampleId :

F5D30DL

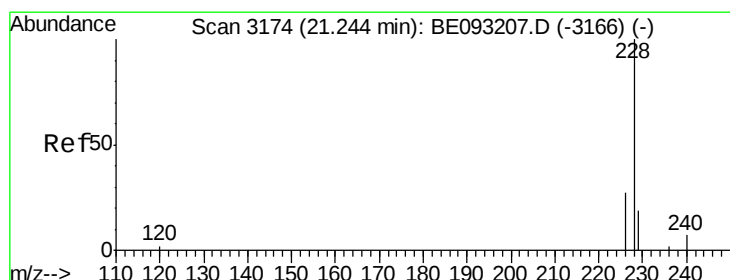
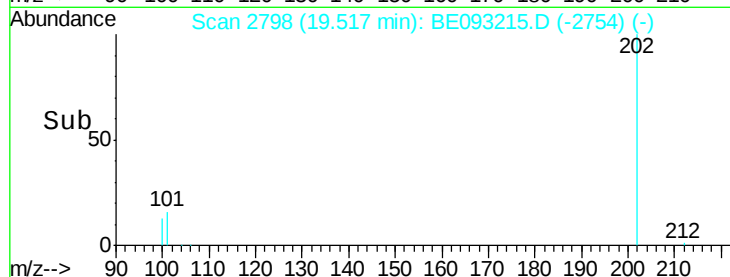
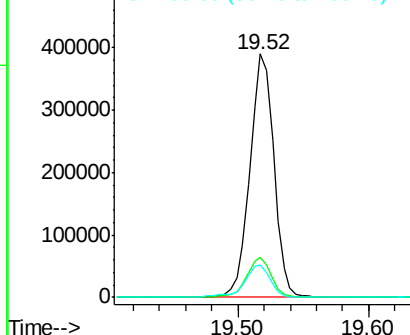
Tgt Ion:	202	Resp:	499056
Ion Ratio	Lower	Upper	
202	100		
101	16.4	18.2	27.4#
100	13.4	15.6	23.4#

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 4.285 ng/ul

RT: 21.24 min Scan# 3174

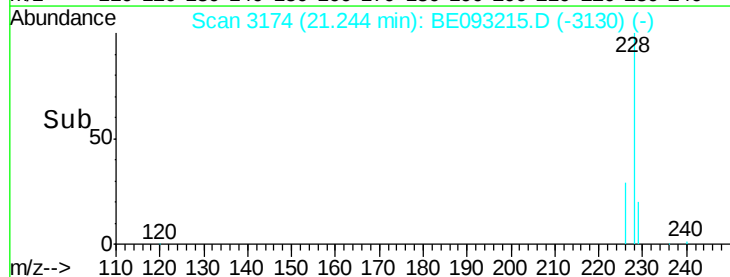
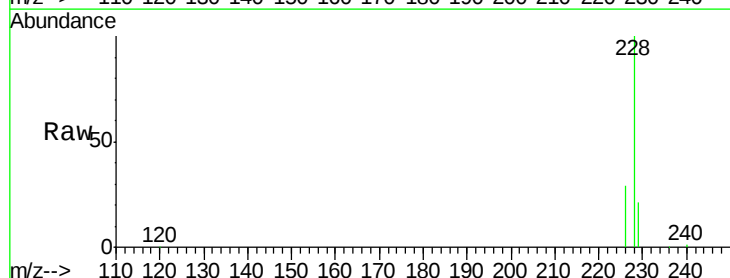
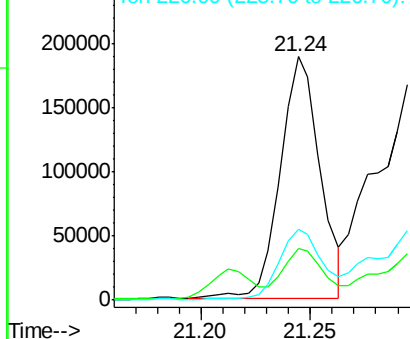
Delta R.T. 0.00 min

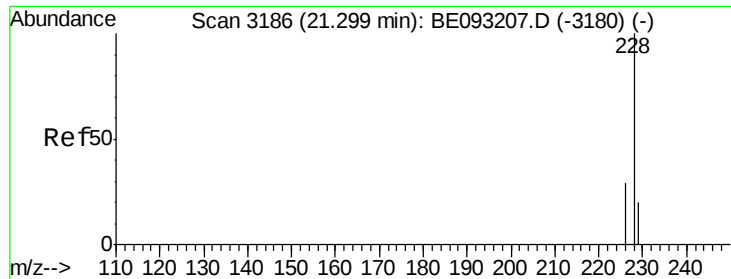
Lab File: BE093215.D

Acq: 15 Jun 2017 19:17

Tgt Ion:	228	Resp:	238401
Ion Ratio	Lower	Upper	
228	100		
229	20.9	22.8	34.2#
226	29.1	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 5.691 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093215.D

Acq: 15 Jun 2017 19:17

Instrument :

BNA_E

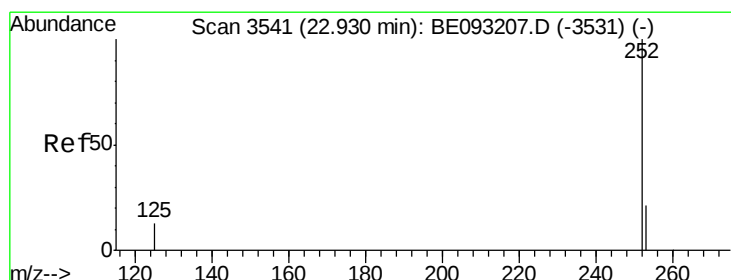
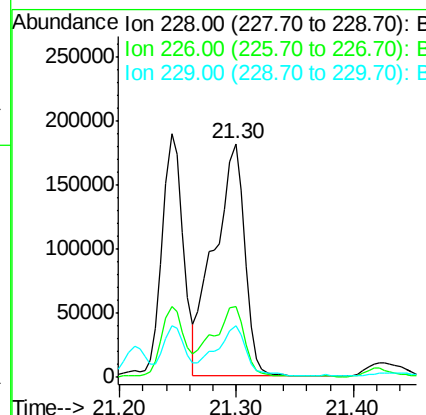
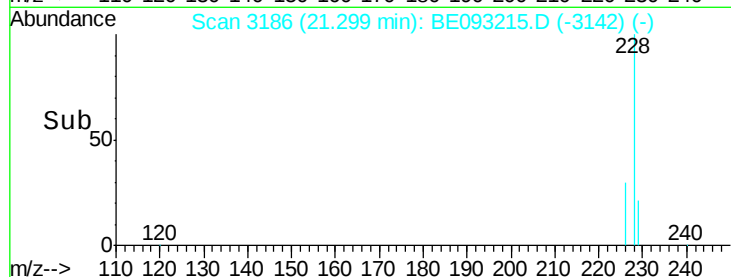
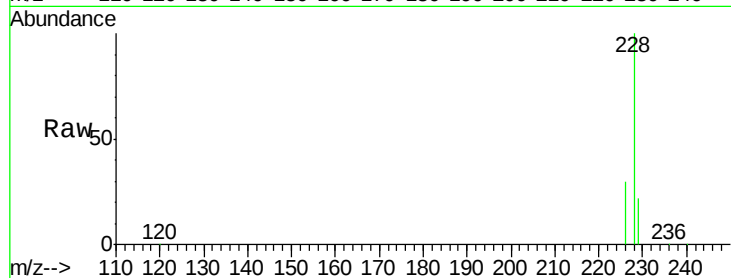
ClientSampleId :

F5D30DL

Tgt Ion:	228	Resp:	328477
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	22.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 10.334 ng/ul m

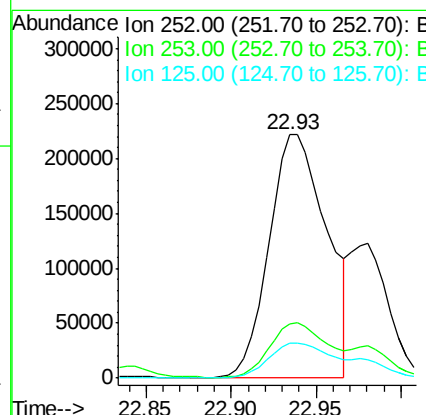
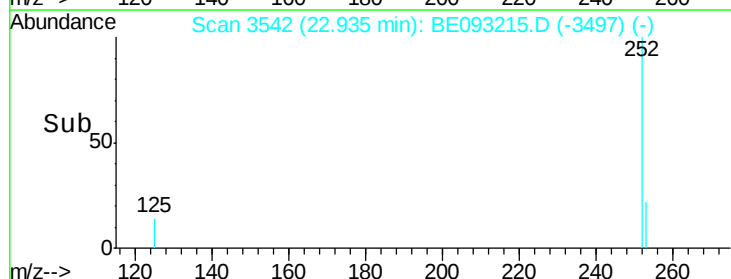
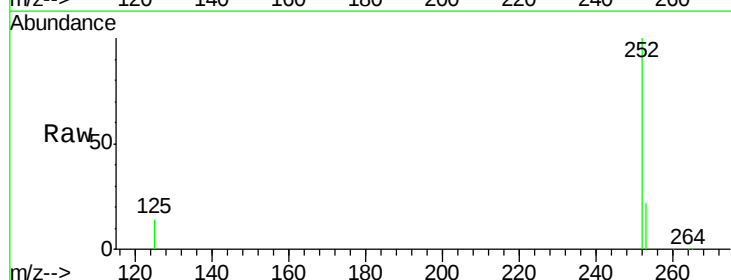
RT: 22.93 min Scan# 3542

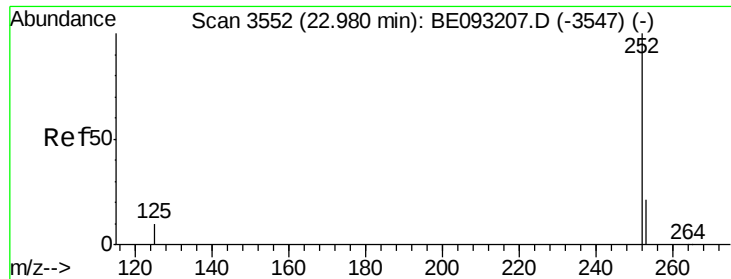
Delta R.T. 0.01 min

Lab File: BE093215.D

Acq: 15 Jun 2017 19:17

Tgt Ion:	252	Resp:	528596
Ion Ratio	Lower	Upper	
252	100		
253	22.5	0.0	64.2
125	14.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 3.524 ng/ul m

RT: 22.98 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BE093215.D

Acq: 15 Jun 2017 19:17

Instrument :

BNA_E

ClientSampled :

F5D30DL

Tgt Ion: 252 Resp: 191418
Ion Ratio Lower Upper

252 100

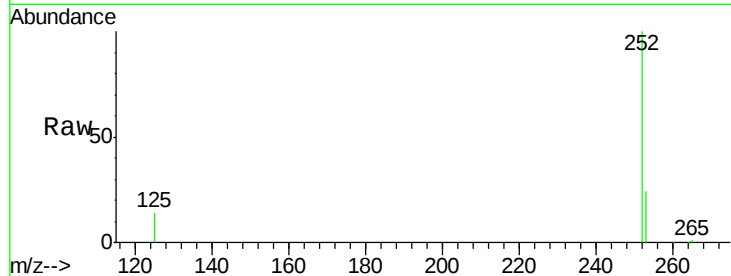
253 23.9 24.5 36.7#

125 13.6 13.7 20.5#

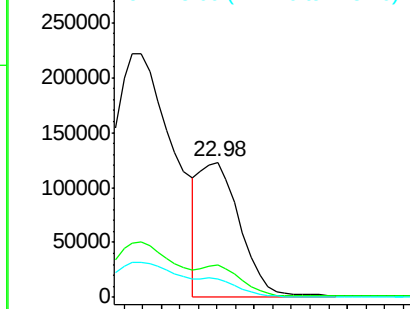
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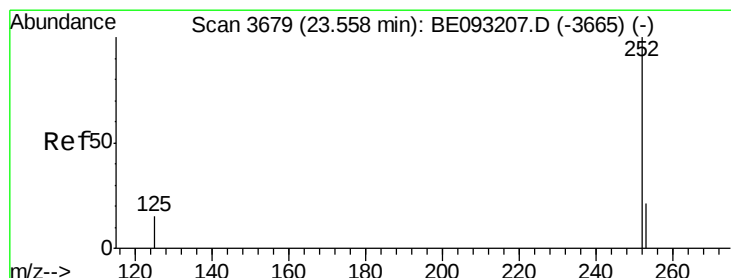
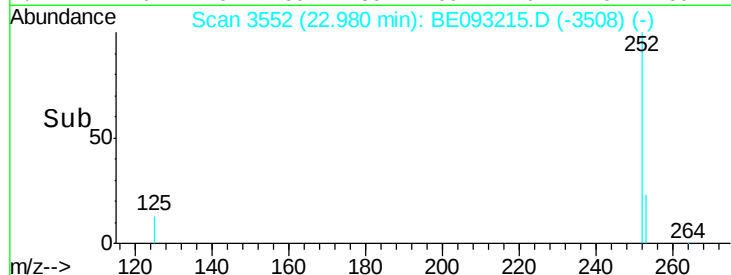
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 4.625 ng/ul

RT: 23.56 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BE093215.D

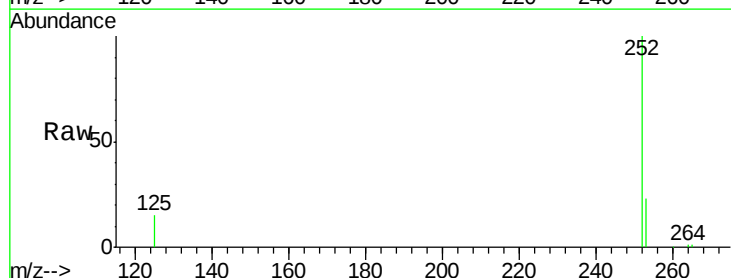
Acq: 15 Jun 2017 19:17

Tgt Ion: 252 Resp: 223700
Ion Ratio Lower Upper

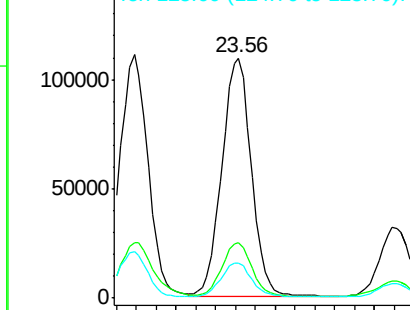
252 100

253 23.1 28.5 42.7#

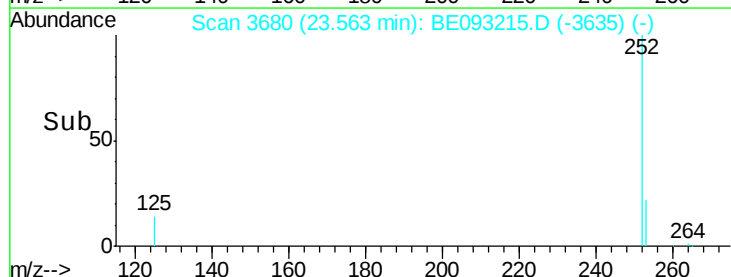
125 14.7 18.1 27.1#

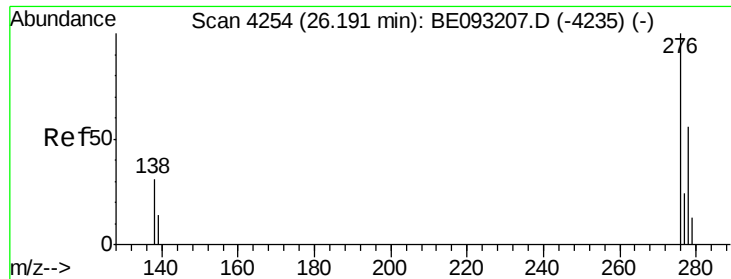


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





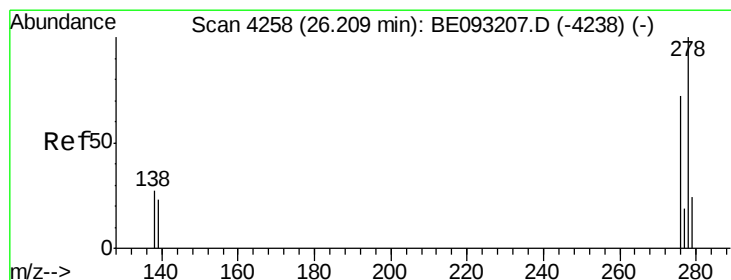
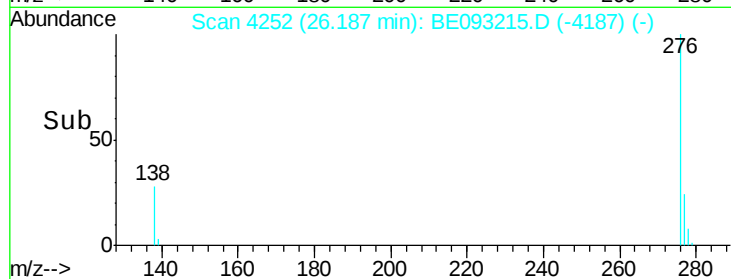
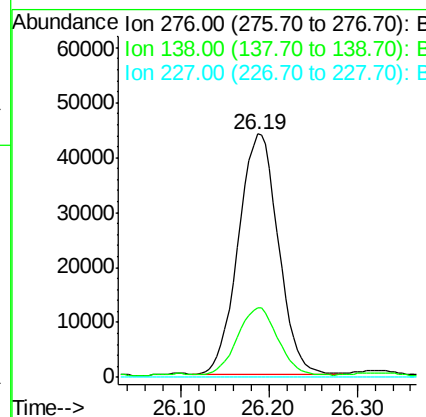
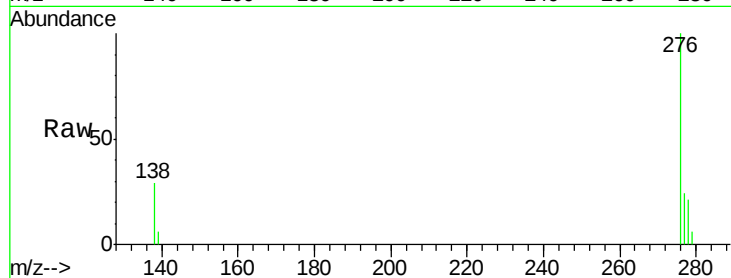
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.453 ng/u1
RT: 26.19 min Scan# 4252
Delta R.T. -0.00 min
Lab File: BE093215.D
Acq: 15 Jun 2017 19:17

Instrument :
BNA_E
ClientSampled :
F5D30DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.8	28.0	42.0
227	0.0	8.0	12.0

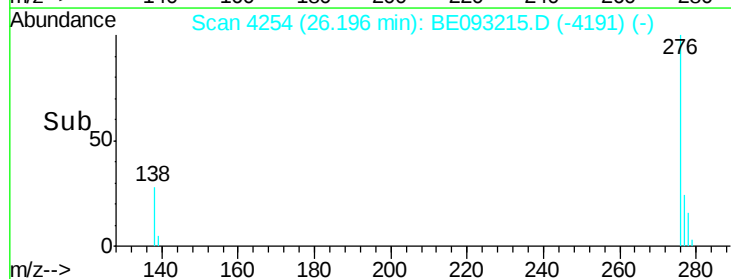
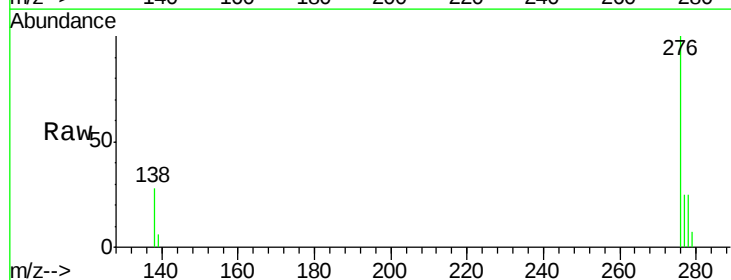
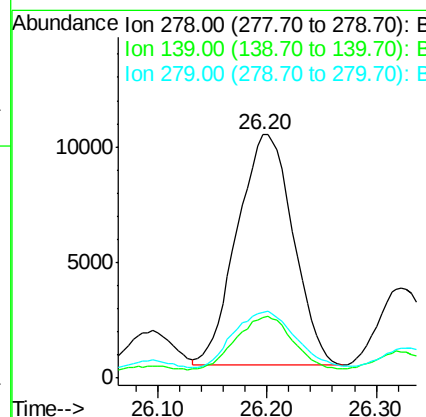
Manual Integrations
APPROVED

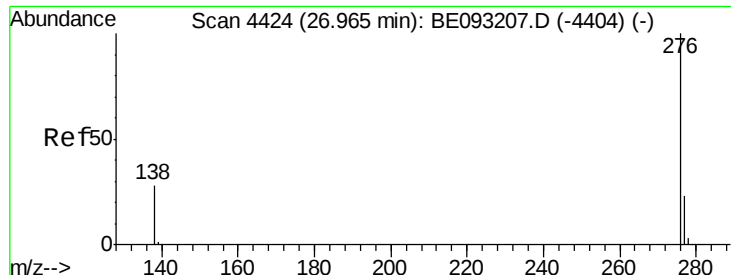
mohammad
6/19/2017 11:06:40 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.757 ng/u1
RT: 26.20 min Scan# 4254
Delta R.T. -0.01 min
Lab File: BE093215.D
Acq: 15 Jun 2017 19:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	25.0	17.4	26.0
279	26.9	25.9	38.9





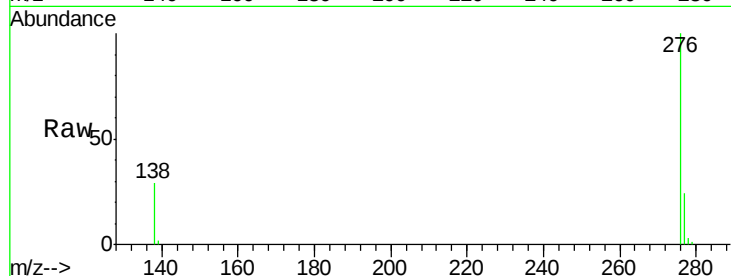
#26
 Benzo(g,h,i)perylene
 Concen: 2.060 ng/ul
 RT: 26.97 min Scan# 4423
 Delta R.T. 0.00 min
 Lab File: BE093215.D
 Acq: 15 Jun 2017 19:17

Instrument :
 BNA_E
 ClientSampleId :
 F5D30DL

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	29.0	21.8	32.8	
277	24.1	20.5	30.7	

Manual Integrations
 APPROVED

mohammad
 6/19/2017 11:06:40 AM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

