

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093847.D
 Acq On : 16 Aug 2017 19:24
 Operator : SJ/JU
 Sample : I4672-19DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG7DL

Manual Integrations
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Sohil
 8/17/2017 5:59:38 PM

Quant Time: Aug 17 04:11:45 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:52:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2627	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	14007	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8164	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18226	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19382	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	18640	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1000	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2543	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	7803	0.229	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	5303	0.213	ng/ul	98
7) Acenaphthylene	14.24	152	9241	0.271	ng/ul	98
8) Acenaphthene	14.58	153	2659	0.099	ng/ul	98
9) Fluorene	15.57	166	5177	0.152	ng/ul	93
12) Phenanthrene	17.29	178	161676	3.257	ng/ul#	90
13) Anthracene	17.38	178	19868	0.411	ng/ul#	91
15) Fluoranthene	19.30	202	244836	3.944	ng/ul	84
17) Pyrene	19.66	202	217683	3.848	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	88741	1.579	ng/ul#	86
19) Chrysene	21.45	228	107425	1.993	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	122233m	2.120	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	45001m	0.791	ng/ul	
23) Benzo(a)pyrene	23.80	252	85119	1.552	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.55	276	54404	0.898	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.56	278	13187	0.261	ng/ul	96
26) Benzo(a,h,i)perylene	27.37	276	47898	0.939	ng/ul	97

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

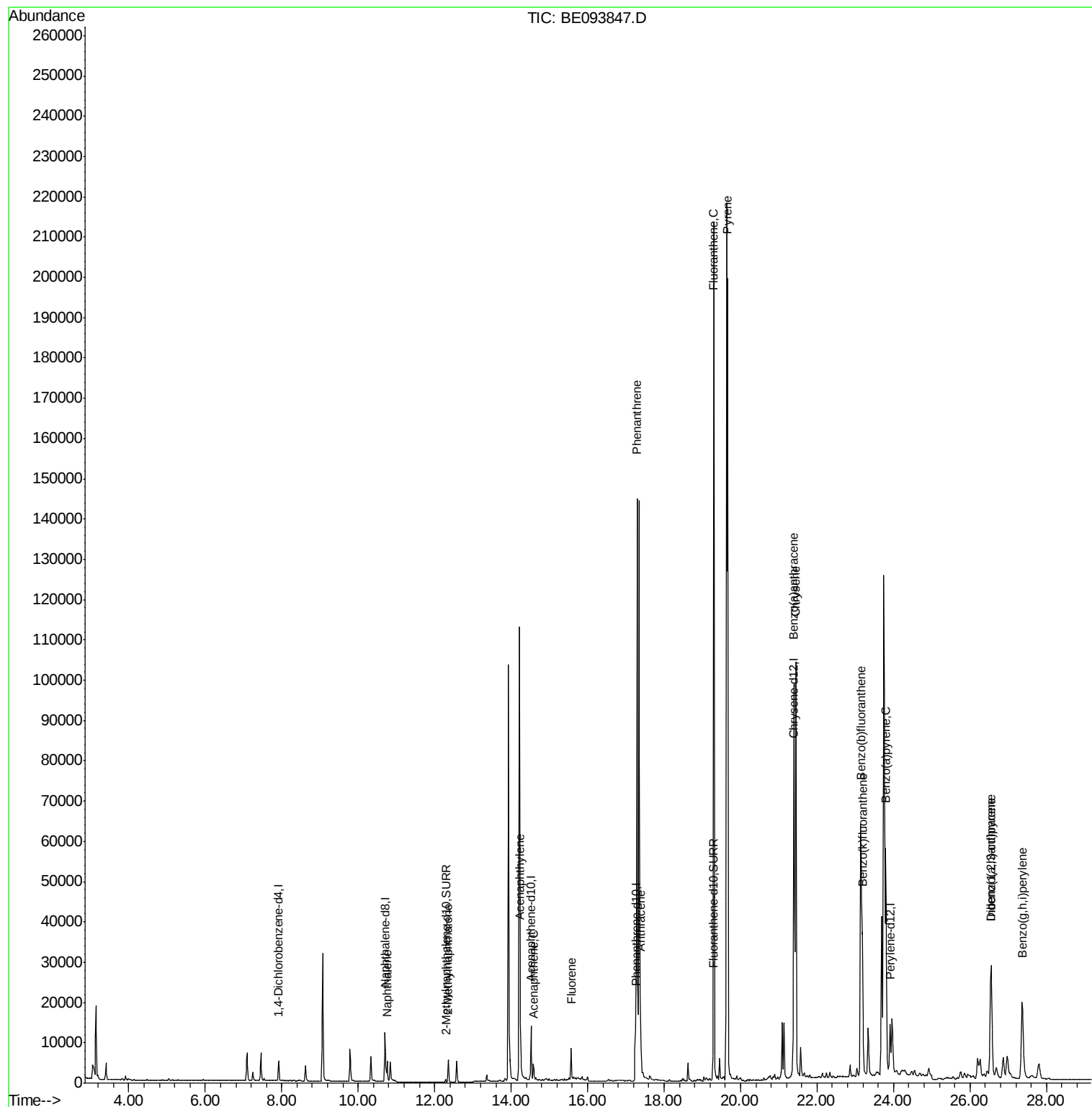
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
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ALS Vial : 15 Sample Multiplier: 1

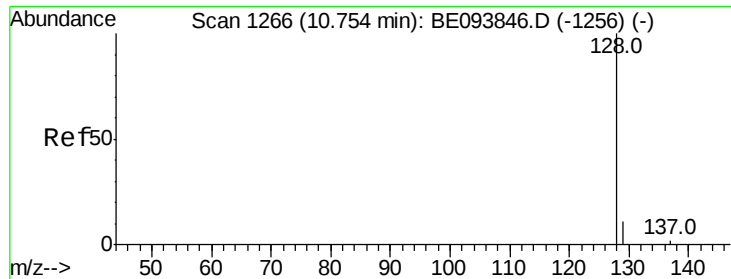
Instrument :
BNA_E
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C0AG7DL

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QLast Update : Thu Aug 17 02:52:40 2017
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#3

Naphthalene

Concen: 0.229 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093847.D

Acq: 16 Aug 2017 19:24

Instrument :

BNA_E

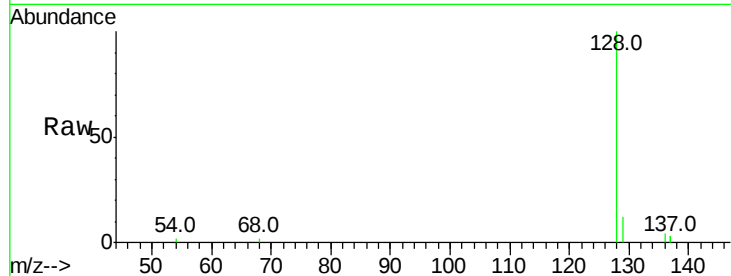
ClientSampleId :

C0AG7DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	11.3	16.9
127	0.0	4.0	6.0

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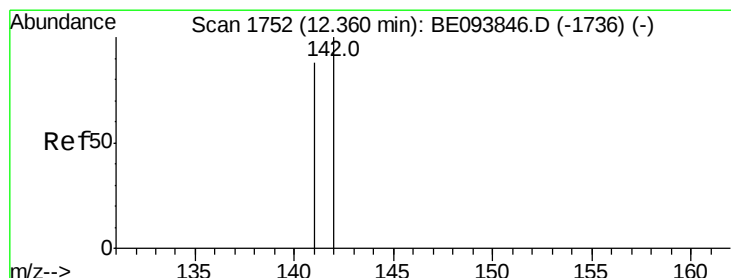
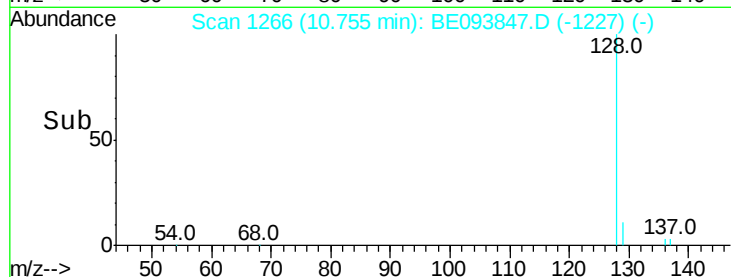
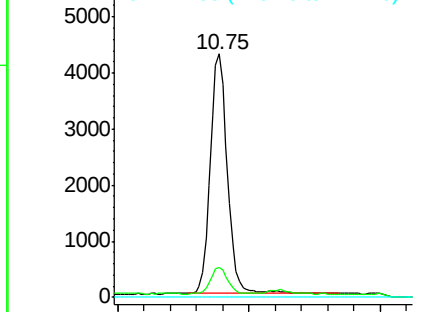


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.213 ng/ul

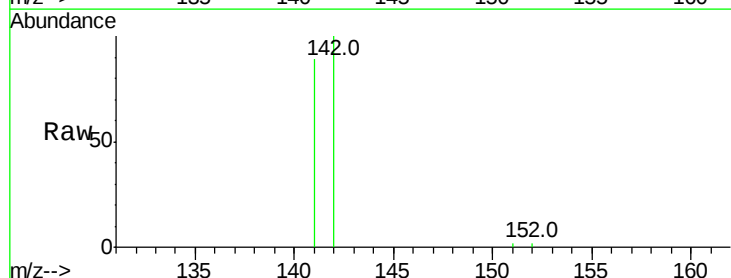
RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093847.D

Acq: 16 Aug 2017 19:24

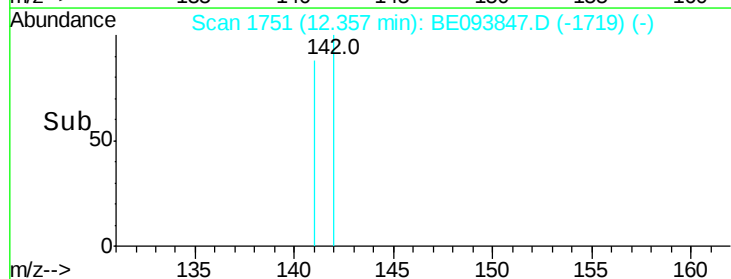
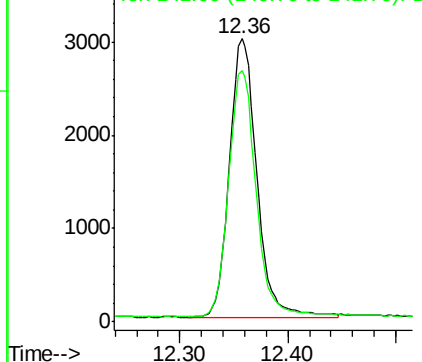
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8

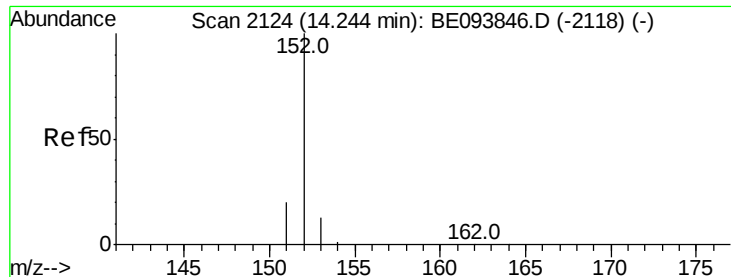


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.271 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE093847.D

Acq: 16 Aug 2017 19:24

Instrument :

BNA_E

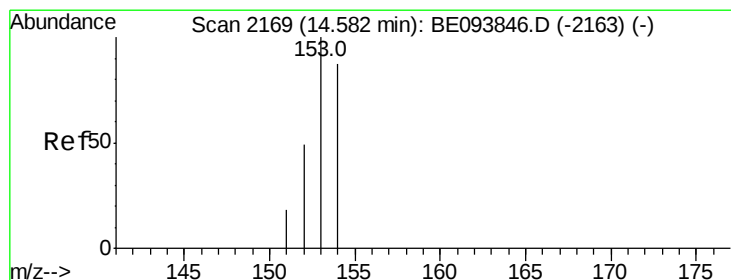
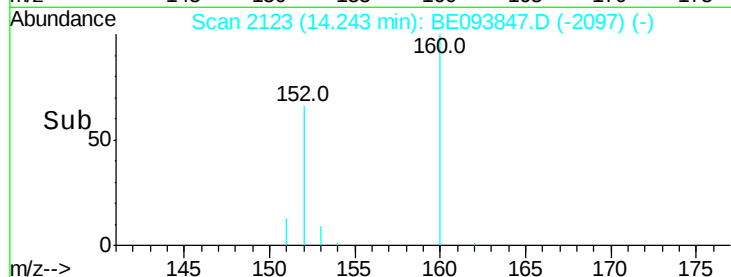
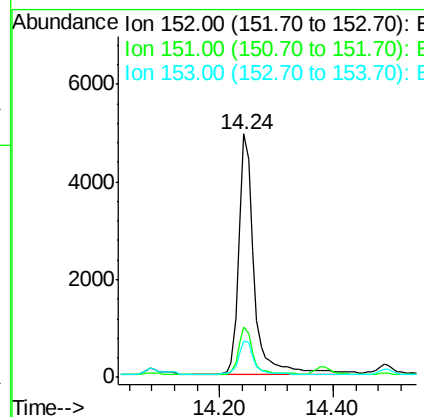
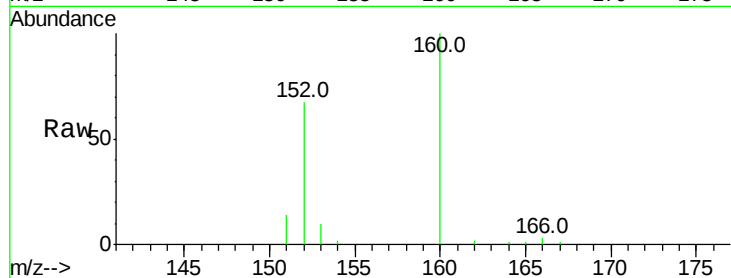
ClientSampleId :

C0AG7DL

Tot Ion:	152	Resp:	9241
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.1	25.7
153	15.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.099 ng/ul

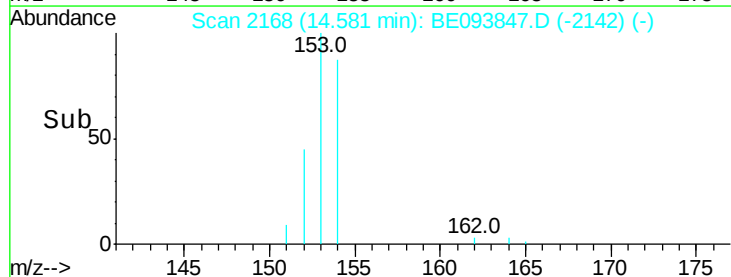
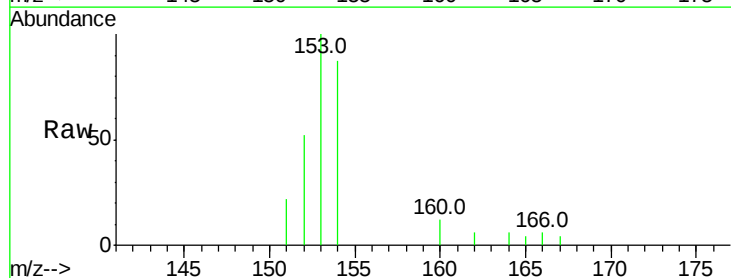
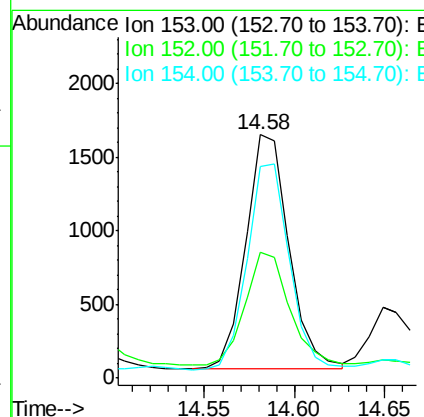
RT: 14.58 min Scan# 2168

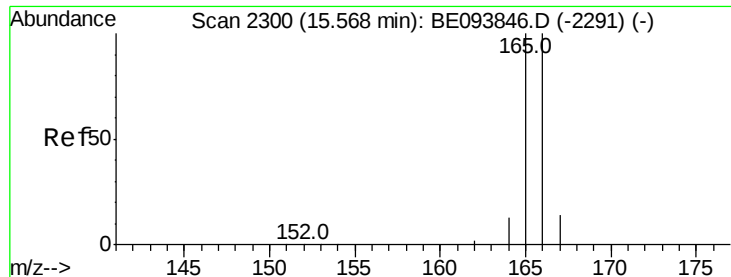
Delta R.T. -0.00 min

Lab File: BE093847.D

Acq: 16 Aug 2017 19:24

Tgt Ion:	153	Resp:	2659
Ion Ratio	Lower	Upper	
153	100		
152	51.6	40.3	60.5
154	87.0	71.4	107.2





#9

Fluorene

Concen: 0.152 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BE093847.D

Acq: 16 Aug 2017 19:24

Instrument :

BNA_E

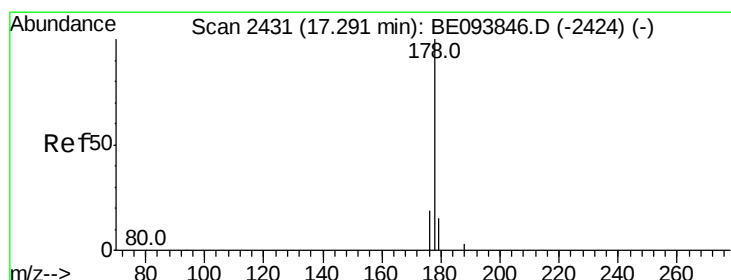
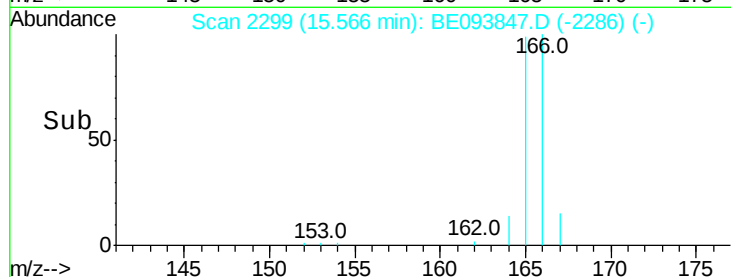
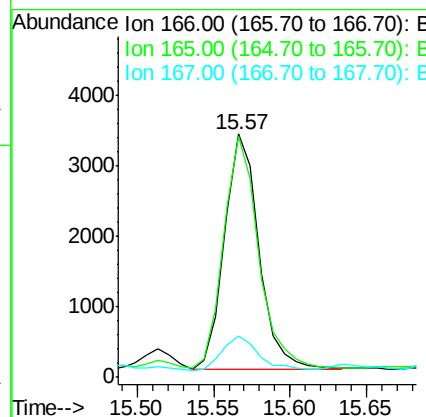
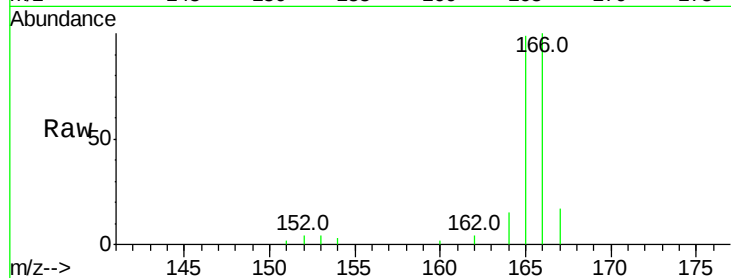
ClientSampleId :

C0AG7DL

Tot Ion:	166	Resp:	5177
Ion Ratio	Lower	Upper	
166	100		
165	98.8	73.4	110.2
167	17.0	14.6	22.0

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#12

Phenanthrene

Concen: 3.257 ng/ul

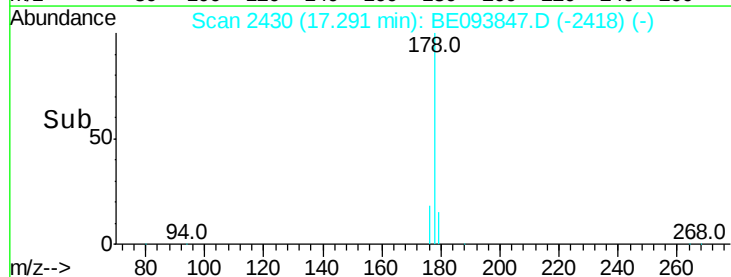
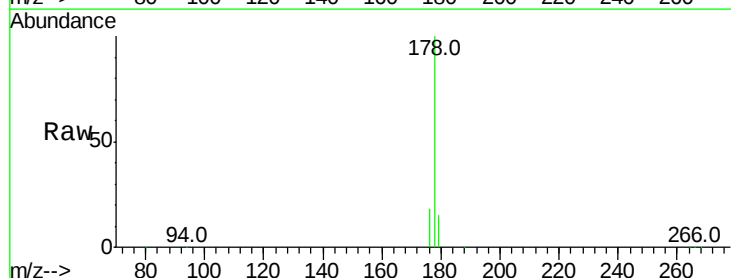
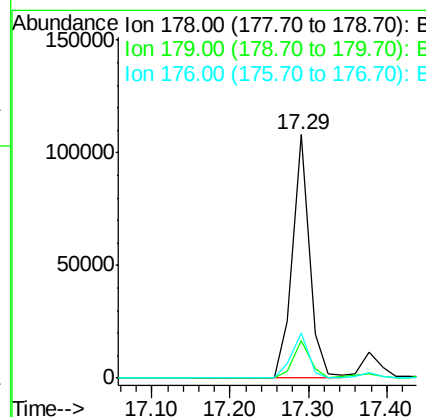
RT: 17.29 min Scan# 2430

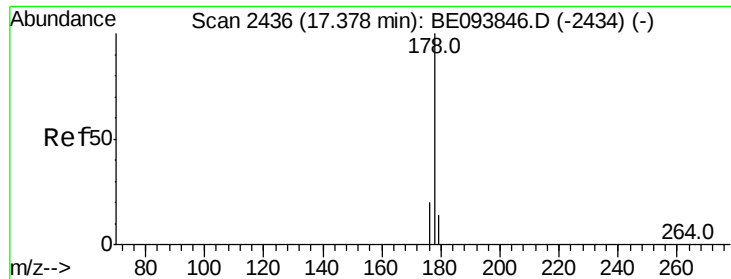
Delta R.T. -0.00 min

Lab File: BE093847.D

Acq: 16 Aug 2017 19:24

Tgt Ion:	178	Resp:	161676
Ion Ratio	Lower	Upper	
178	100		
179	15.3	18.4	27.6#
176	18.4	13.6	20.4





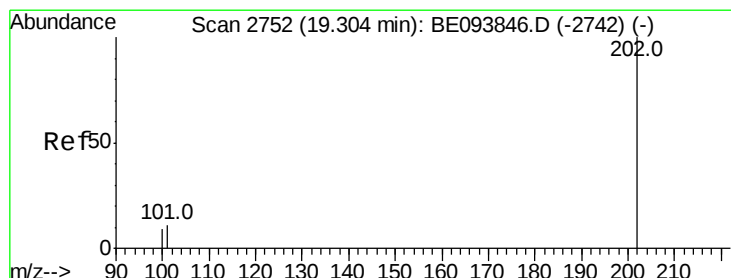
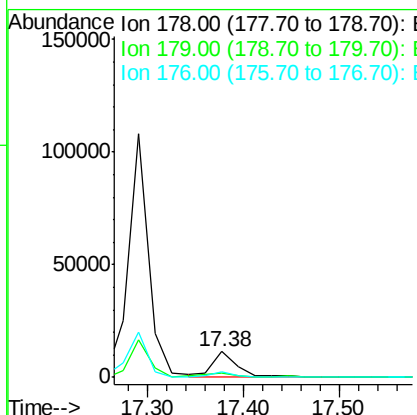
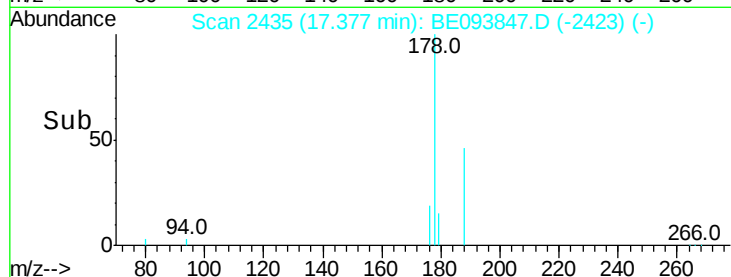
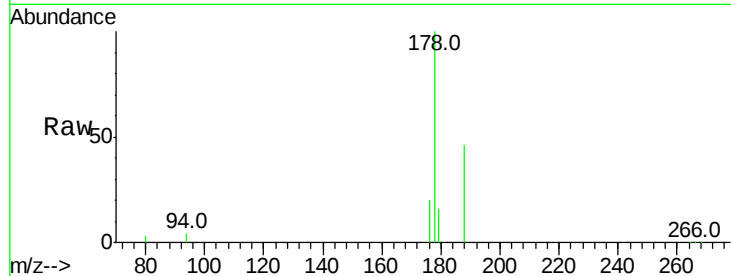
#13
 Anthracene
 Concen: 0.411 ng/ul
 RT: 17.38 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BE093847.D
 Acq: 16 Aug 2017 19:24

Instrument :
 BNA_E
 ClientSampled :
 C0AG7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.1	27.1#
176	19.6	14.7	22.1

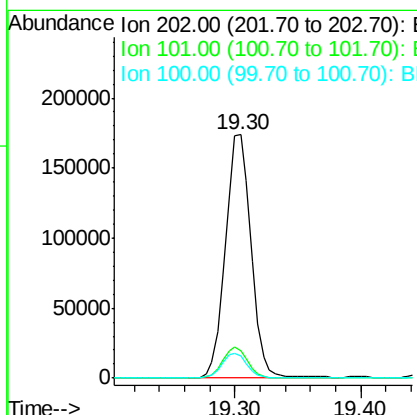
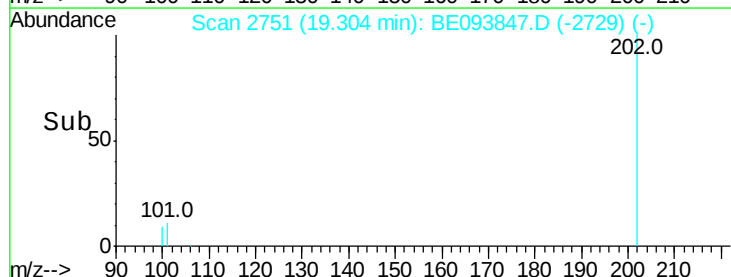
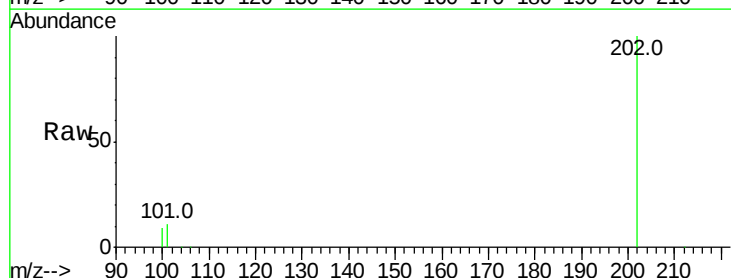
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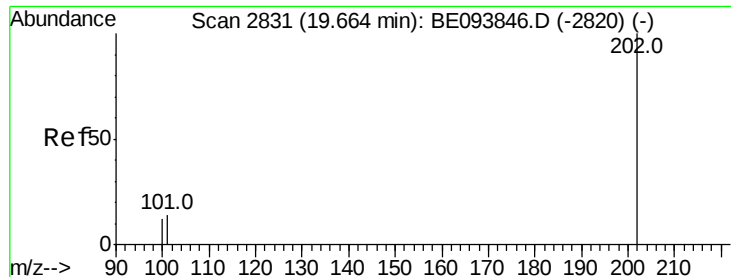
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#15
 Fluoranthene
 Concen: 3.944 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. 0.00 min
 Lab File: BE093847.D
 Acq: 16 Aug 2017 19:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	9.0	0.0	39.5





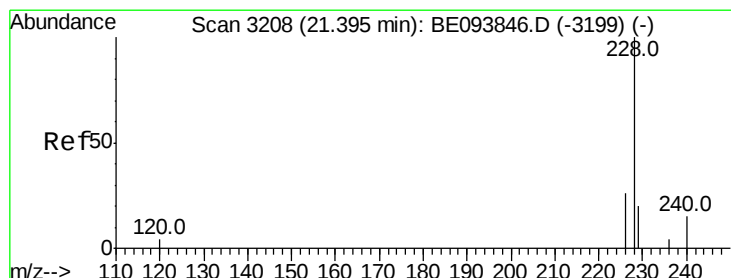
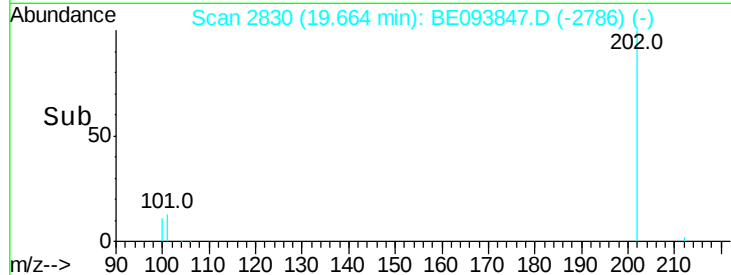
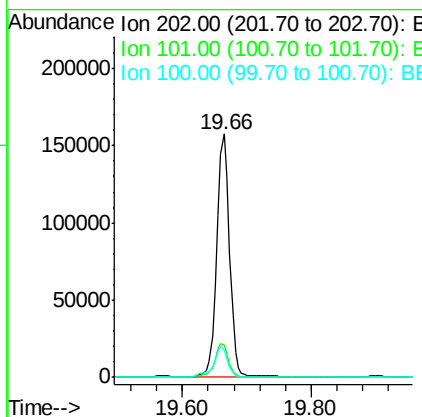
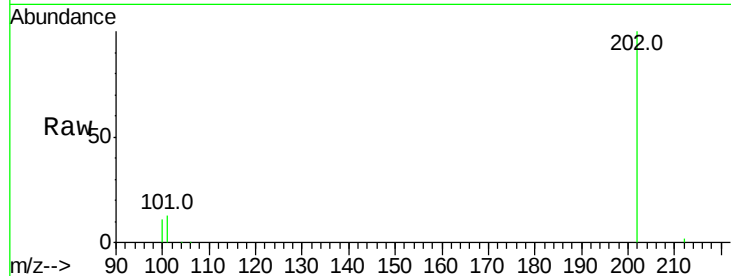
#17
Pvrene
Concen: 3.848 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BE093847.D
Acq: 16 Aug 2017 19:24

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	18.2	27.4#
100	11.3	15.6	23.4#

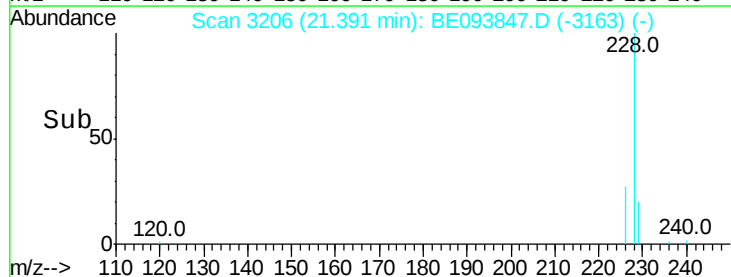
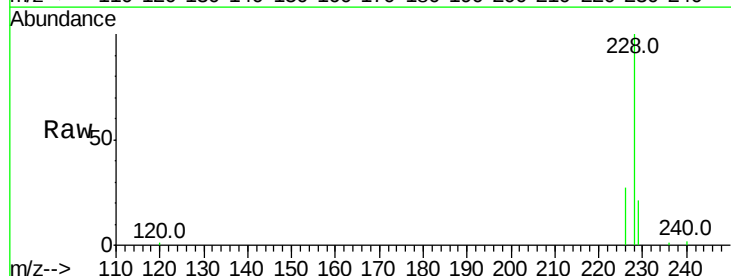
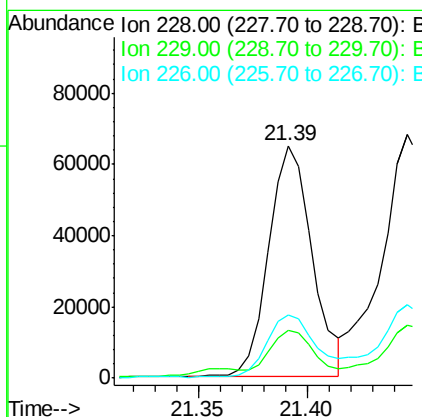
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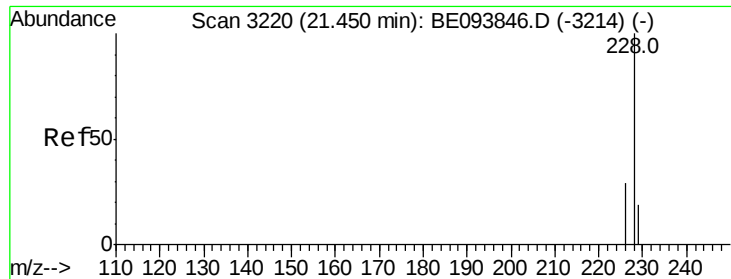
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#18
Benzo(a)anthracene
Concen: 1.579 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE093847.D
Acq: 16 Aug 2017 19:24

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	27.3	17.0	25.6#





#19

Chrysene

Concen: 1.993 ng/ul

RT: 21.45 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE093847.D

Acq: 16 Aug 2017 19:24

Instrument :

BNA_E

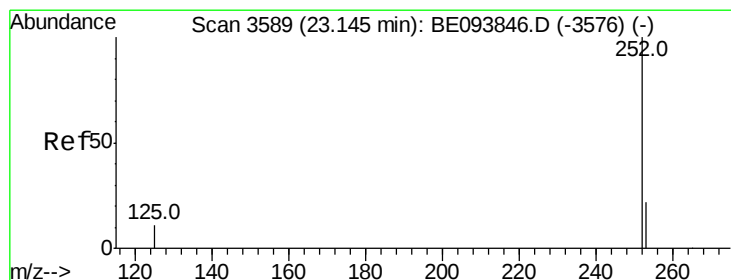
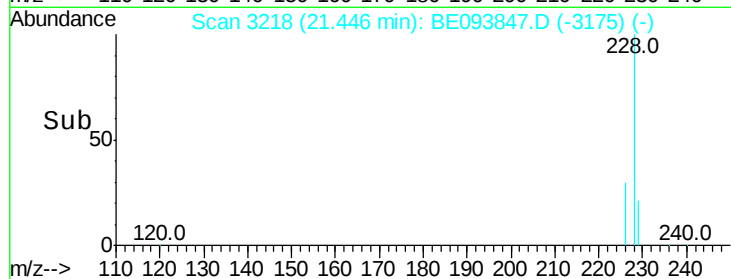
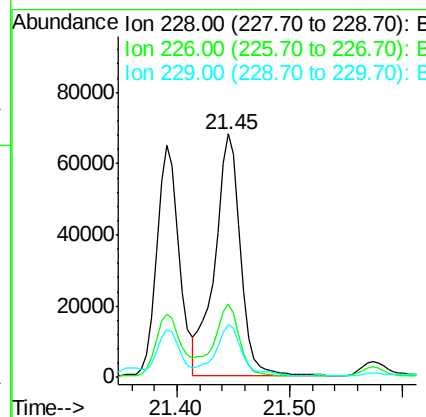
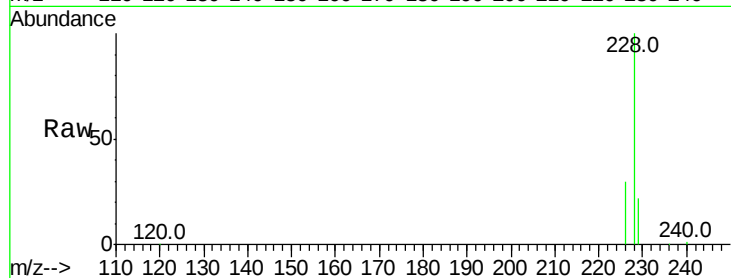
ClientSampleId :

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Tot Ion:	228	Resp:	107425
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.4	35.0
229	21.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.120 ng/ul m

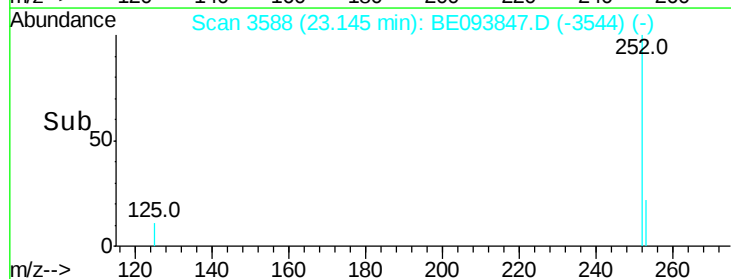
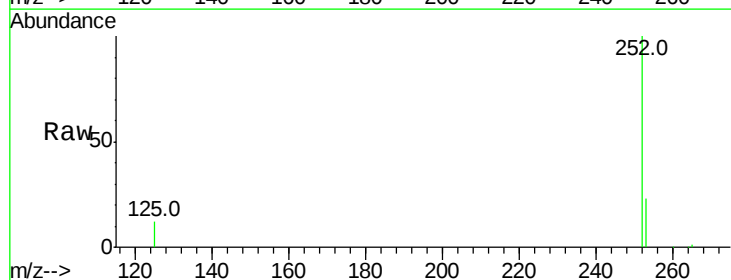
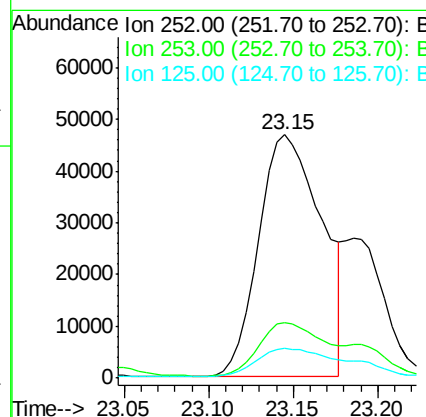
RT: 23.15 min Scan# 3588

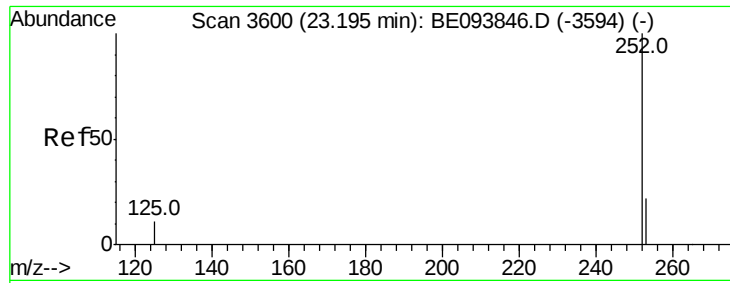
Delta R.T. 0.00 min

Lab File: BE093847.D

Acq: 16 Aug 2017 19:24

Tgt Ion:	252	Resp:	122233
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	12.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.791 ng/ul m

RT: 23.19 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BE093847.D

Acq: 16 Aug 2017 19:24

Instrument :

BNA_E

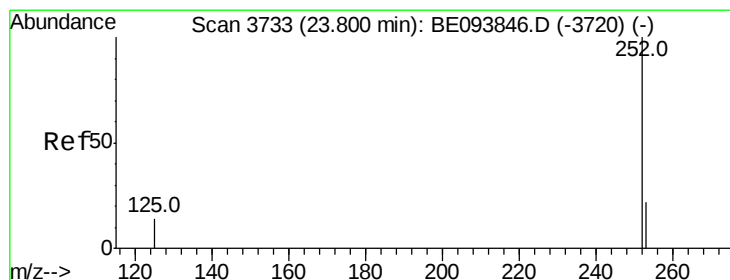
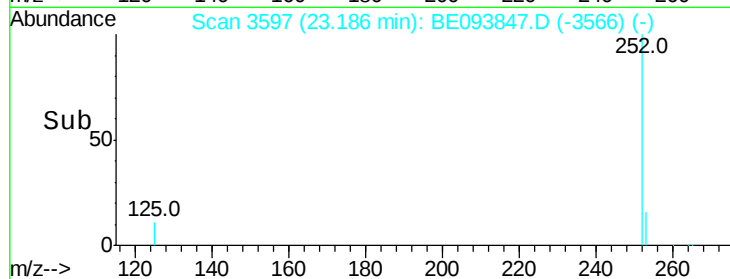
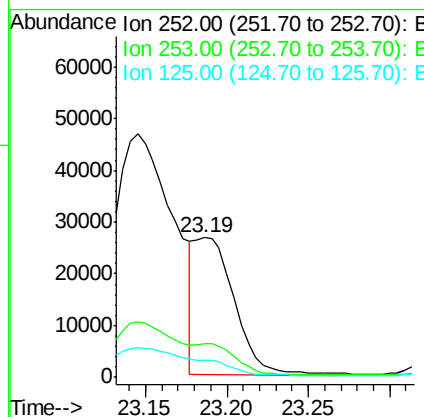
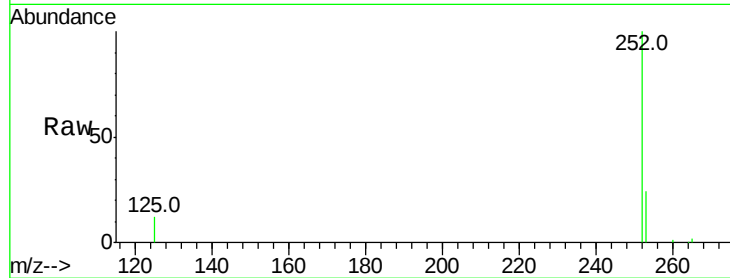
ClientSampleId :

C0AG7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	12.4	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.552 ng/ul

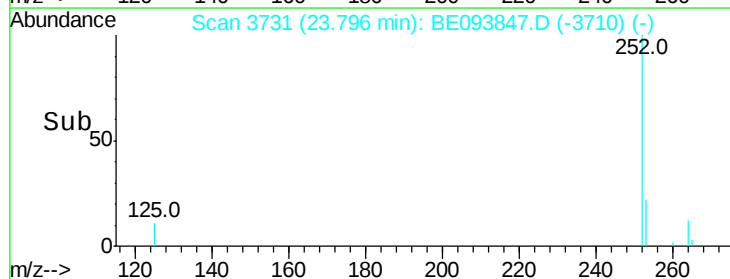
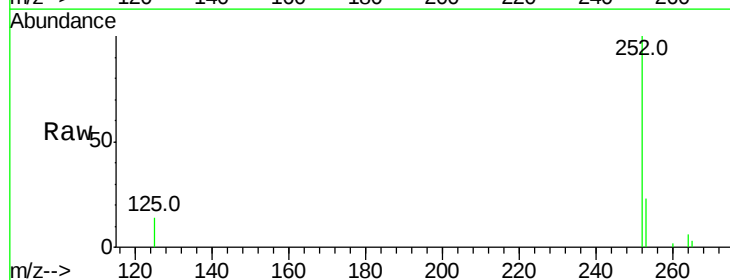
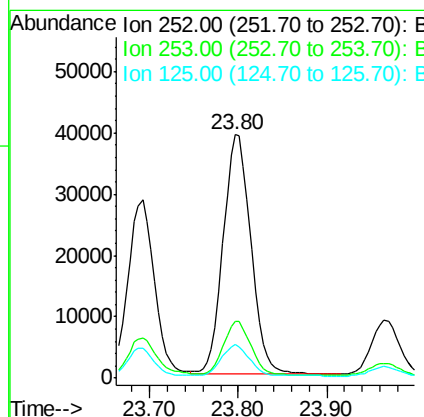
RT: 23.80 min Scan# 3731

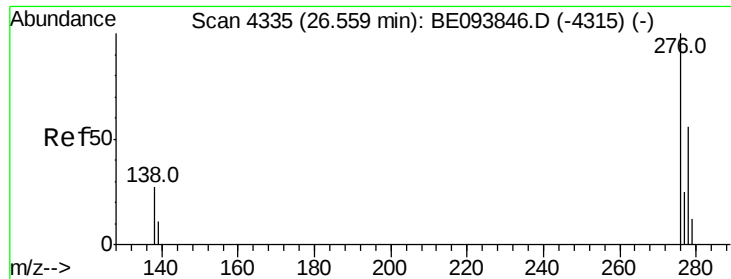
Delta R.T. -0.00 min

Lab File: BE093847.D

Acq: 16 Aug 2017 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	13.6	18.1	27.1#





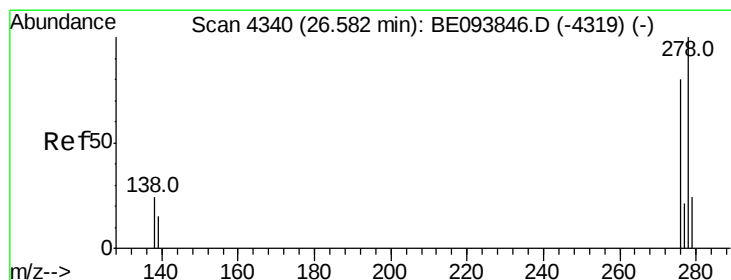
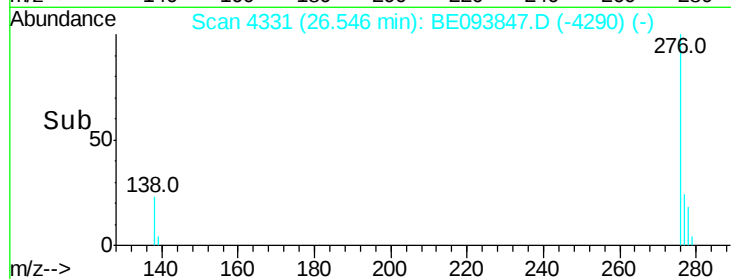
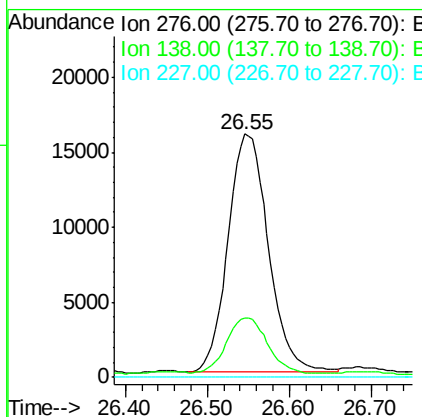
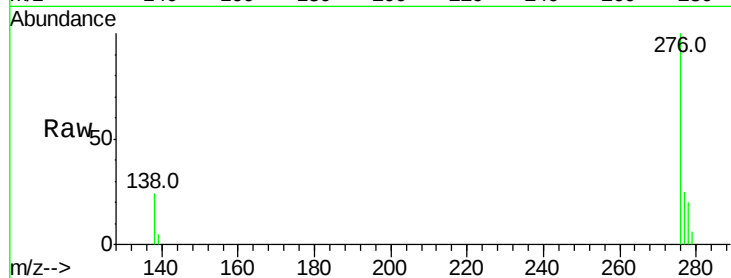
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.898 ng/ul
 RT: 26.55 min Scan# 4331
 Delta R.T. -0.01 min
 Lab File: BE093847.D
 Acq: 16 Aug 2017 19:24

Instrument :
 BNA_E
 ClientSampleId :
 C0AG7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	28.0	42.0#
227	0.0	8.0	12.0#

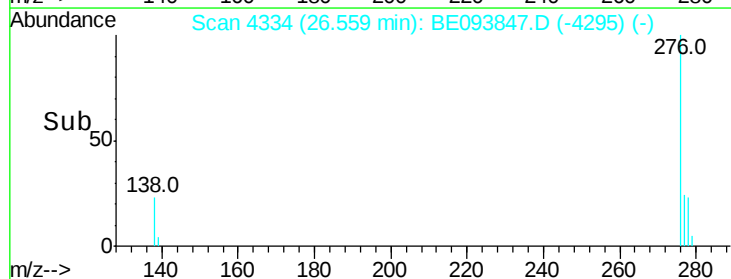
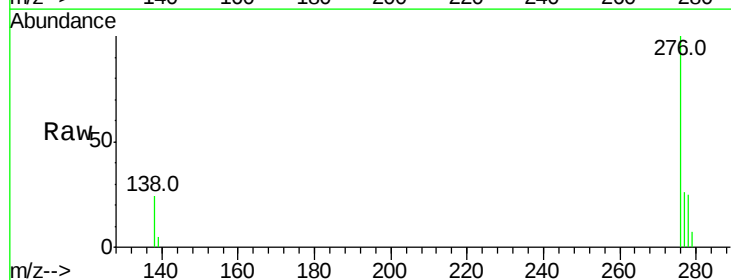
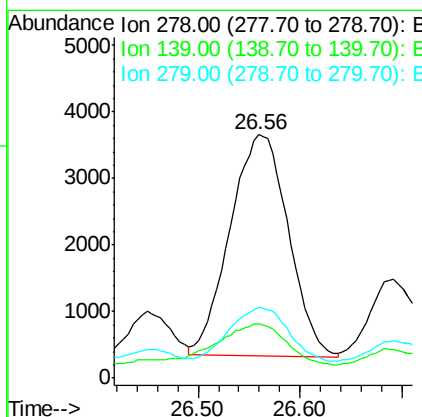
Manual Integrations
 APPROVED

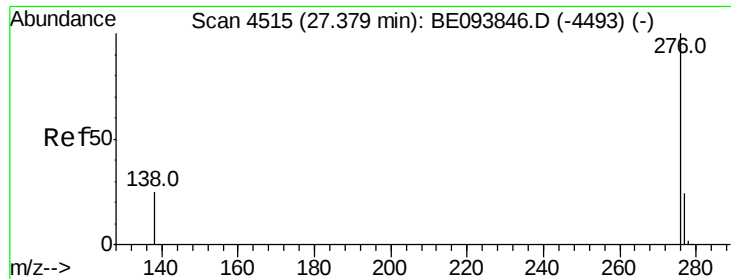
Sohil
 8/17/2017 5:59:38 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.261 ng/ul
 RT: 26.56 min Scan# 4334
 Delta R.T. -0.02 min
 Lab File: BE093847.D
 Acq: 16 Aug 2017 19:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	17.4	26.0
279	29.0	25.9	38.9





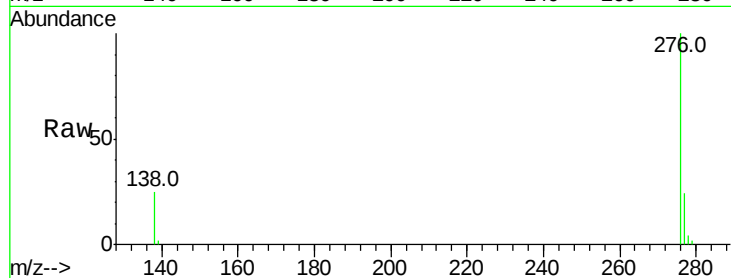
#26
 Benzo(a,h,i)perylene
 Concen: 0.939 ng/ul
 RT: 27.37 min Scan# 4511
 Delta R.T. -0.01 min
 Lab File: BE093847.D
 Acq: 16 Aug 2017 19:24

Instrument :
 BNA_E
 ClientSampleId :
 C0AG7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.8	32.8
277	24.3	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:38 PM



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

