

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
 Data File : BE093828.D
 Acq On : 16 Aug 2017 3:50
 Operator : SJ/JU
 Sample : I4557-03DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6DL

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:42:59 PM

Quant Time: Aug 16 08:38:21 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 07:30:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2587	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13668	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7974	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	17524	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18183	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	17636	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1033	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2611	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	3347	0.101	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	5809	0.240	ng/ul	98
7) Acenaphthylene	14.24	152	1532	0.046	ng/ul#	66
8) Acenaphthene	14.58	153	2283	0.087	ng/ul	96
9) Fluorene	15.57	166	8311	0.251	ng/ul	92
12) Phenanthrene	17.29	178	27335	0.573	ng/ul	93
13) Anthracene	17.38	178	7404m	0.159	ng/ul	
15) Fluoranthene	19.30	202	35278	0.591	ng/ul	83
17) Pyrene	19.66	202	42761	0.806	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	16875	0.320	ng/ul#	89
19) Chrysene	21.45	228	16479	0.326	ng/ul#	92
21) Benzo(b)fluoranthene	23.14	252	14719m	0.270	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	7131m	0.133	ng/ul	
23) Benzo(a)pyrene	23.80	252	12371	0.238	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	26.55	276	6245	0.109	ng/ul#	82
25) Dibenzo(a,h)anthracene	26.56	278	1574	0.033	ng/ul#	52
26) Benzo(g,h,i)perylene	27.37	276	5353	0.111	ng/ul#	90

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

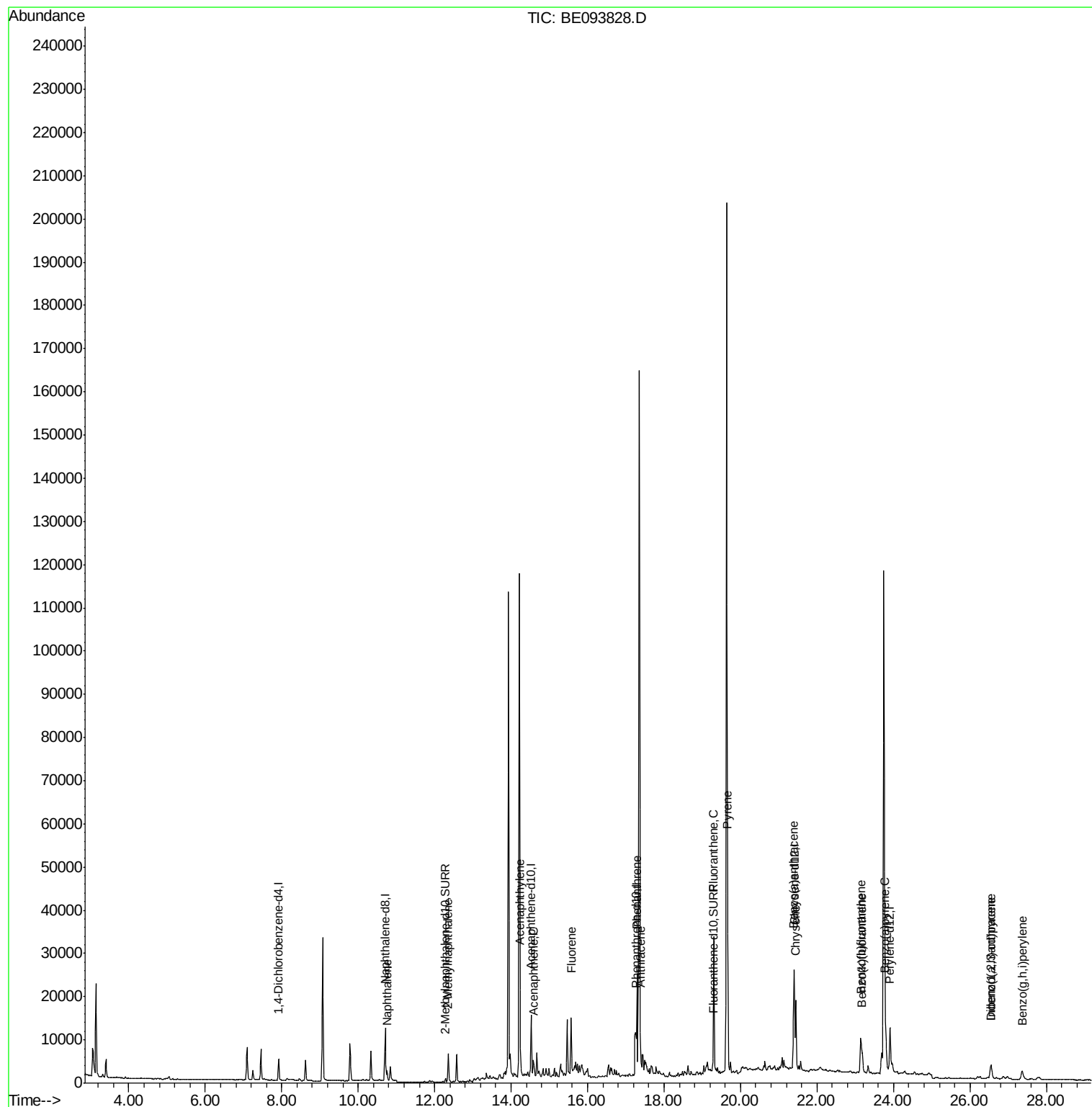
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
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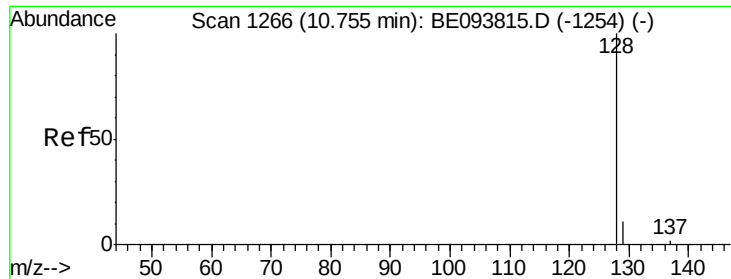
Instrument :
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C0AC6DL

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QLast Update : Wed Aug 16 07:30:49 2017
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#3

Naphthalene

Concen: 0.101 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Instrument :

BNA_E

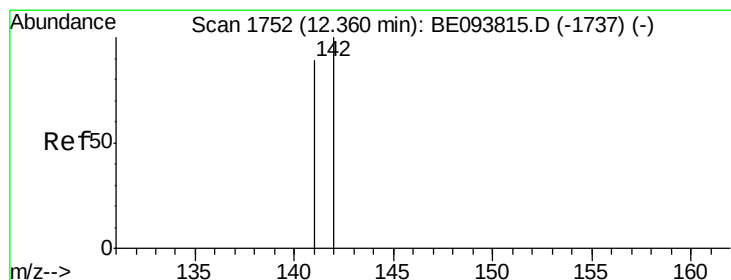
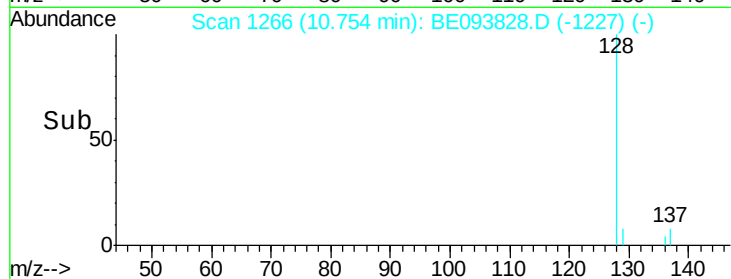
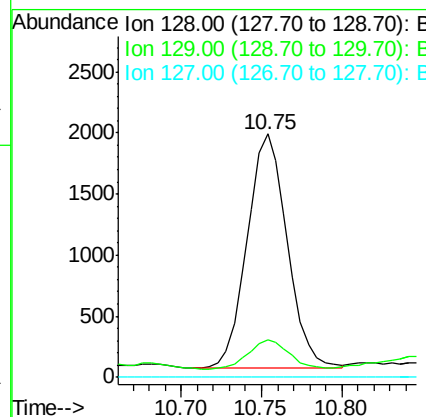
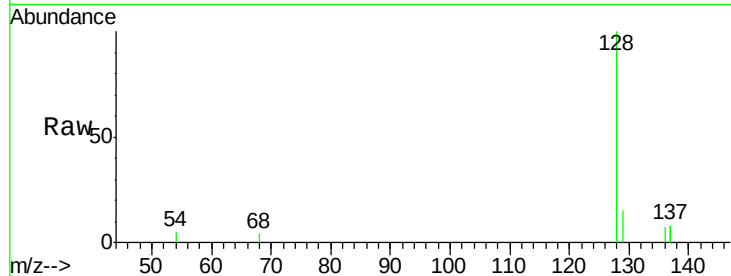
ClientSampled :

C0AC6DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.2	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.240 ng/ul

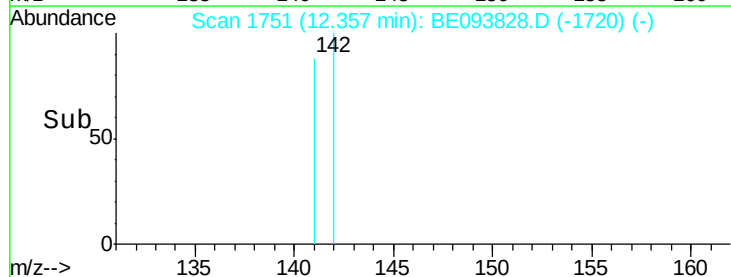
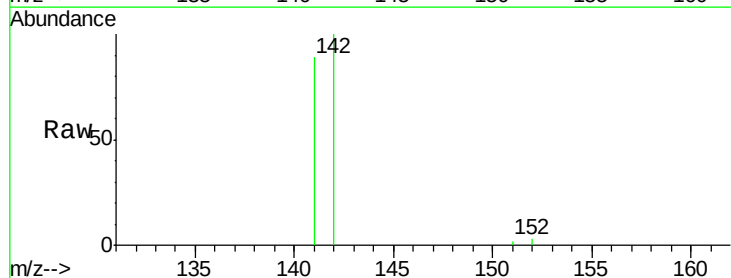
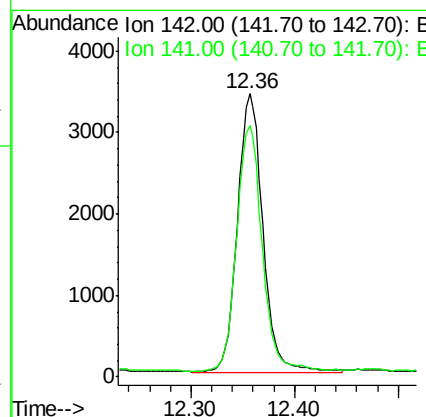
RT: 12.36 min Scan# 1751

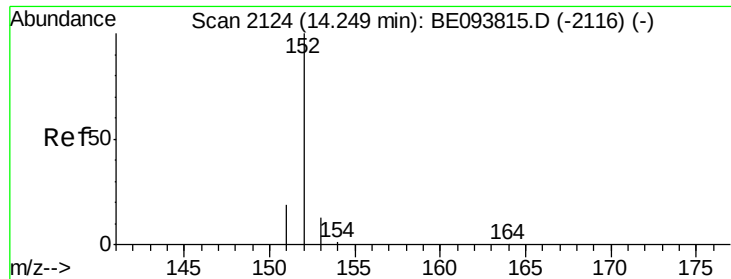
Delta R.T. -0.00 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.046 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Instrument :

BNA_E

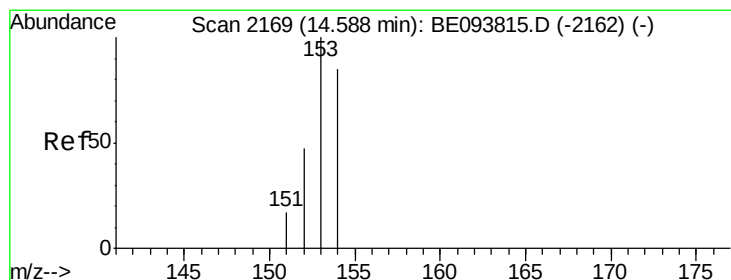
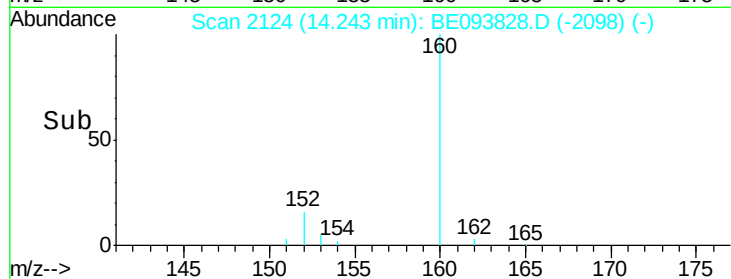
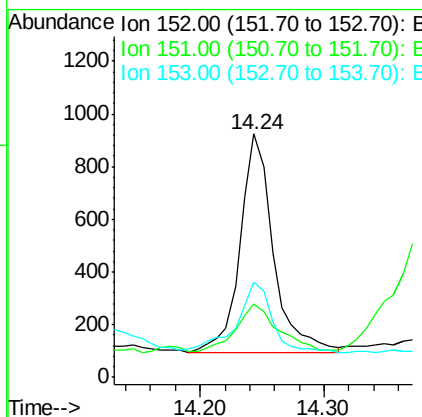
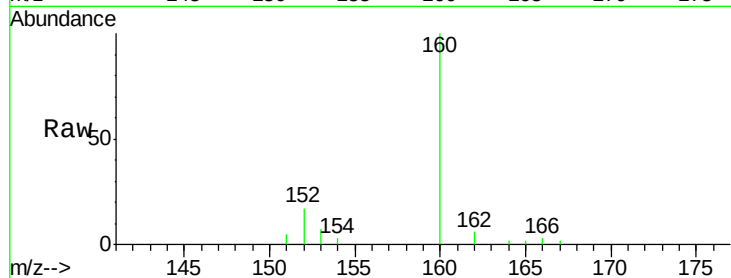
ClientSampleId :

C0AC6DL

Tgt Ion:	152	Resp:	1532
Ion Ratio	Lower	Upper	
152	100		
151	30.3	17.1	25.7#
153	38.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.087 ng/ul

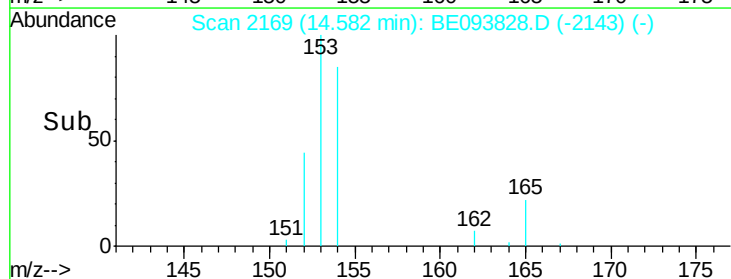
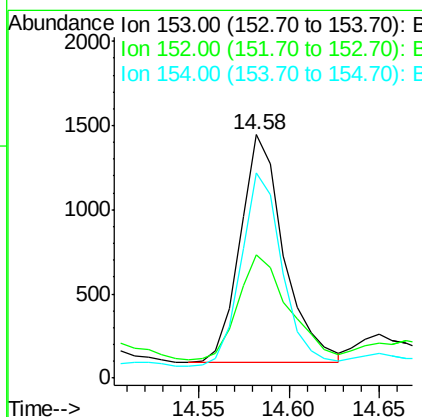
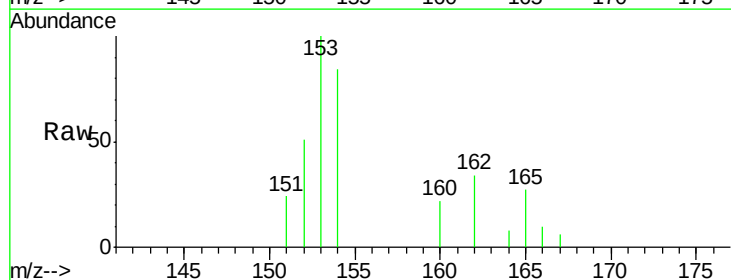
RT: 14.58 min Scan# 2169

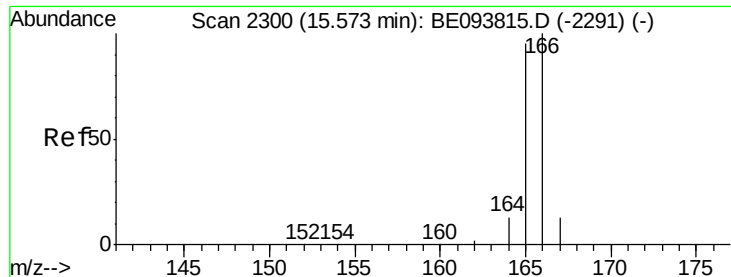
Delta R.T. -0.01 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Tgt Ion:	153	Resp:	2283
Ion Ratio	Lower	Upper	
153	100		
152	50.8	40.3	60.5
154	84.3	71.4	107.2





#9

Fluorene

Concen: 0.251 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Instrument :

BNA_E

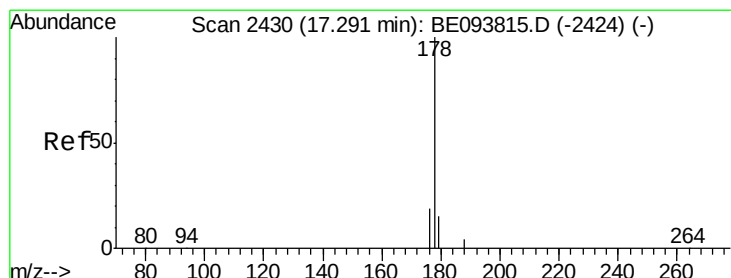
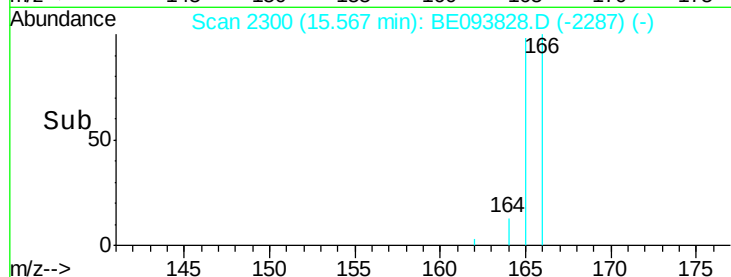
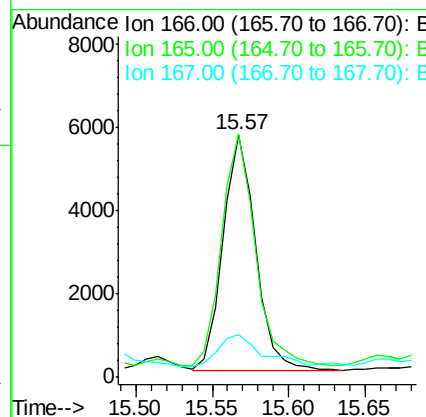
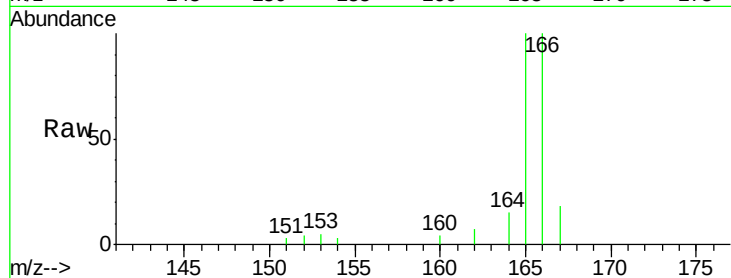
ClientSampleId :

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Tgt Ion:	166	Resp:	8311
Ion Ratio	Lower	Upper	
166	100		
165	100.5	73.4	110.2
167	17.8	14.6	22.0

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#12

Phenanthrene

Concen: 0.573 ng/ul

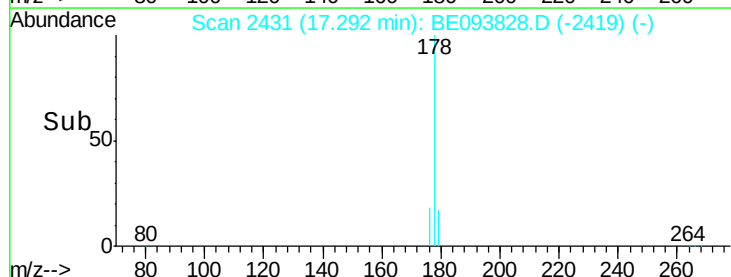
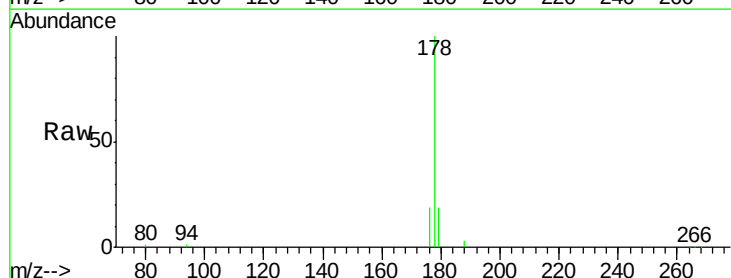
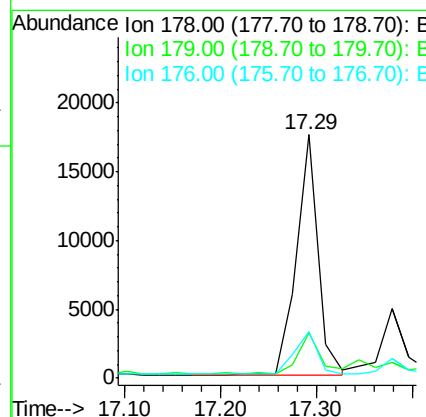
RT: 17.29 min Scan# 2431

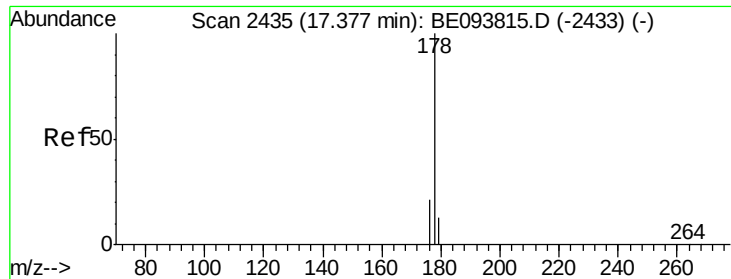
Delta R.T. 0.00 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Tgt Ion:	178	Resp:	27335
Ion Ratio	Lower	Upper	
178	100		
179	18.7	18.4	27.6
176	19.0	13.6	20.4





#13

Anthracene

Concen: 0.159 ng/ul m

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Instrument :

BNA_E

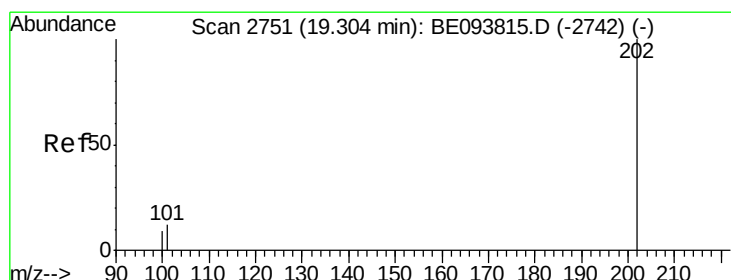
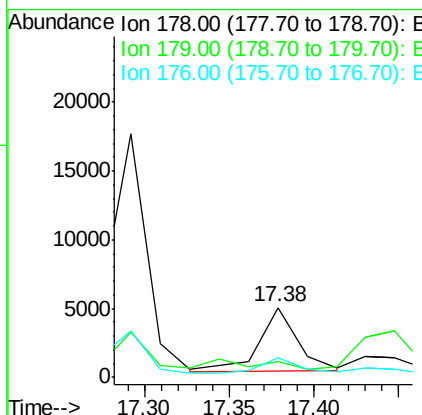
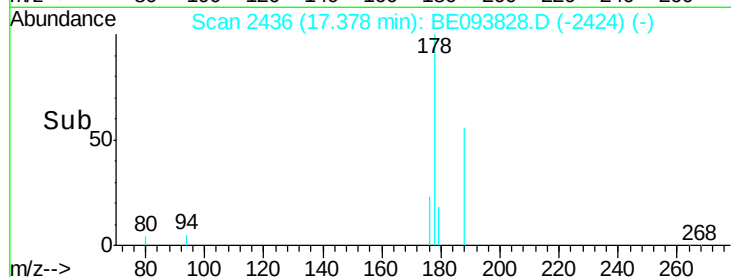
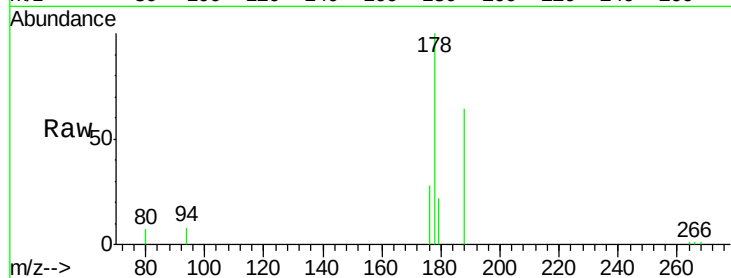
ClientSampleId :

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Tgt Ion:	178	Resp:	7404
Ion Ratio	Lower	Upper	
178	100		
179	22.0	18.1	27.1
176	28.1	14.7	22.1#

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#15

Fluoranthene

Concen: 0.591 ng/ul

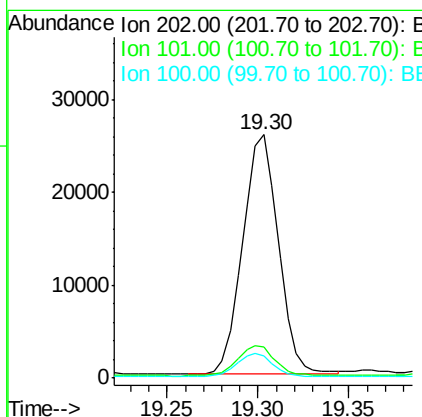
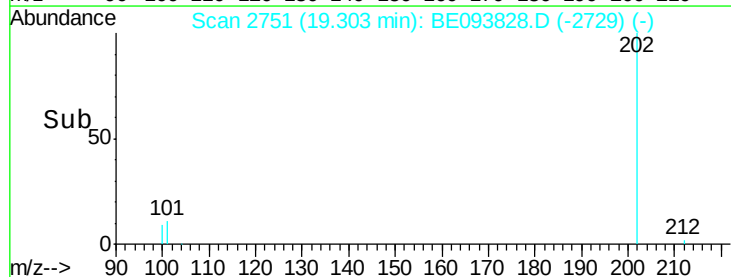
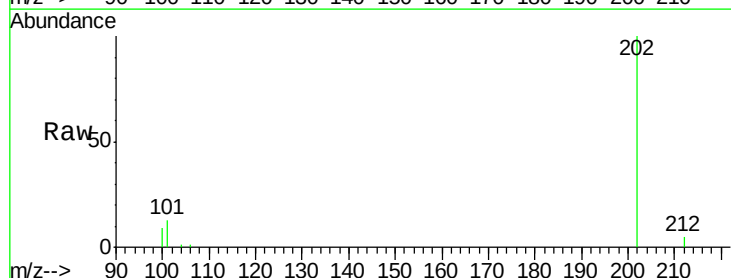
RT: 19.30 min Scan# 2751

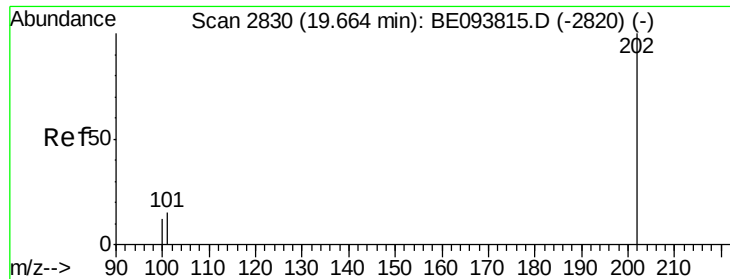
Delta R.T. -0.00 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Tgt Ion:	202	Resp:	35278
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	30.3
100	9.2	0.0	39.5





#17

Pyrene

Concen: 0.806 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Instrument :

BNA_E

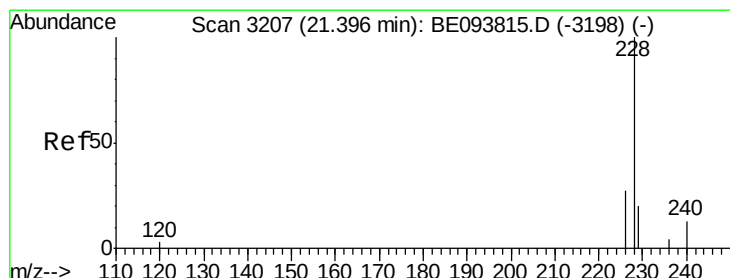
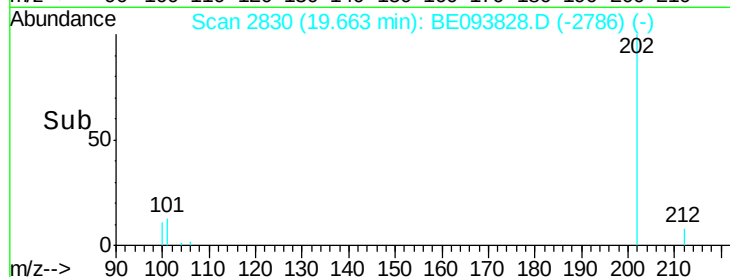
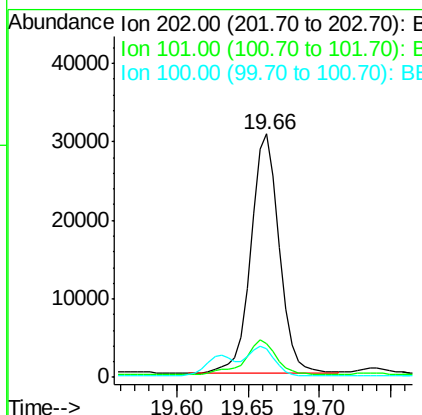
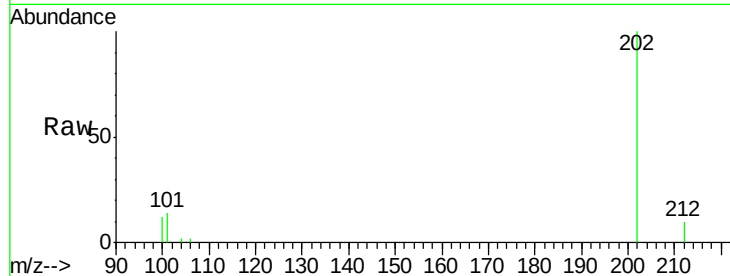
ClientSampleId :

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Tgt Ion:	202	Resp:	42761
Ion Ratio	Lower	Upper	
202	100		
101	14.0	18.2	27.4#
100	11.6	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.320 ng/ul

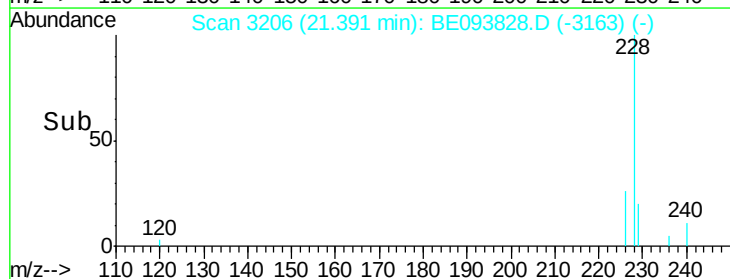
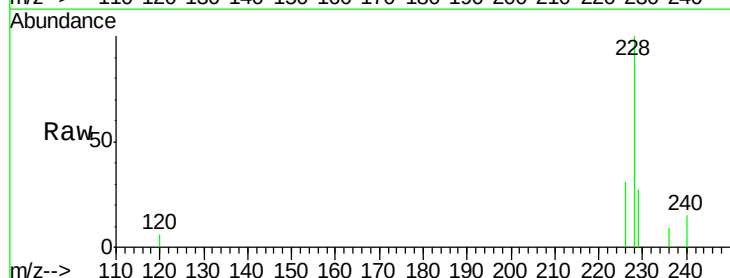
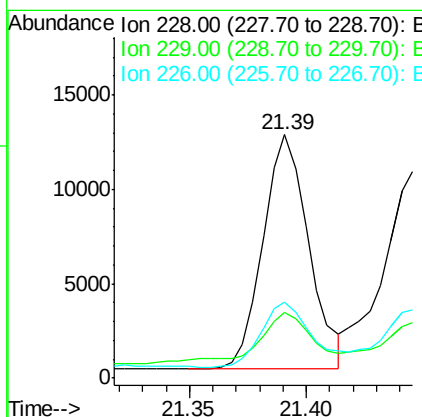
RT: 21.39 min Scan# 3206

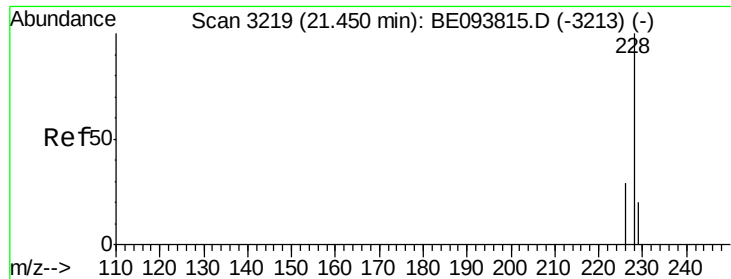
Delta R.T. -0.00 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Tgt Ion:	228	Resp:	16875
Ion Ratio	Lower	Upper	
228	100		
229	26.8	22.8	34.2
226	31.3	17.0	25.6#





#19

Chrysene

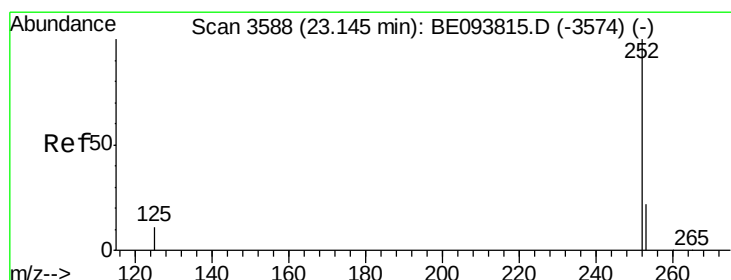
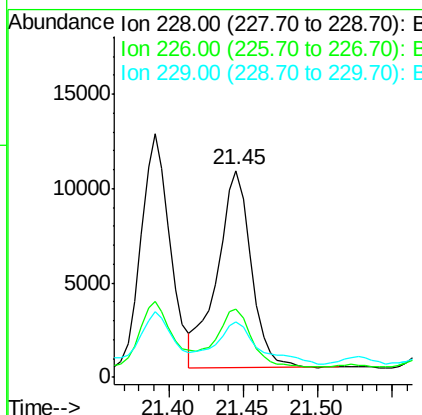
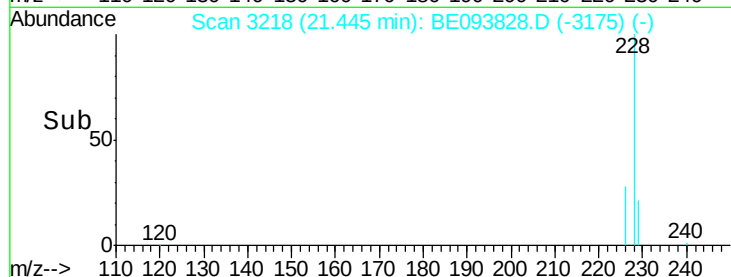
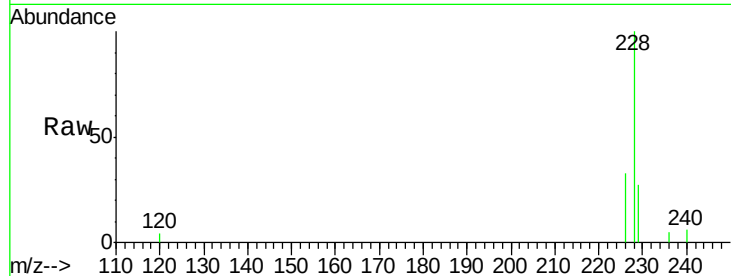
Concen: 0.326 ng/ul
 RT: 21.45 min Scan# 3218
 Delta R.T. -0.00 min
 Lab File: BE093828.D
 Acq: 16 Aug 2017 3:50

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.4	35.0
229	26.6	17.7	26.5

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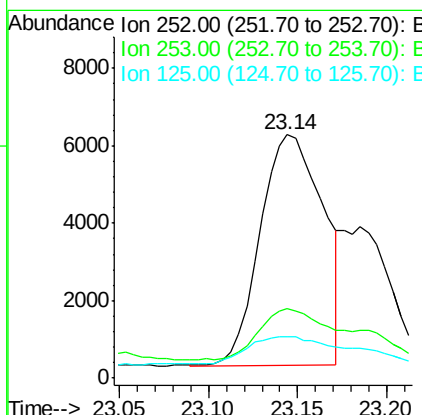
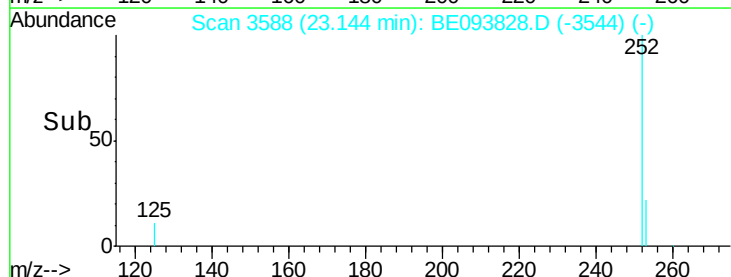
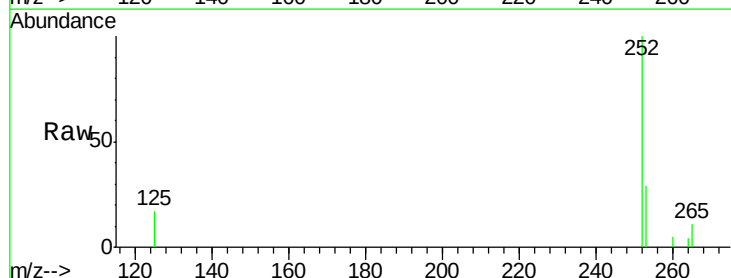


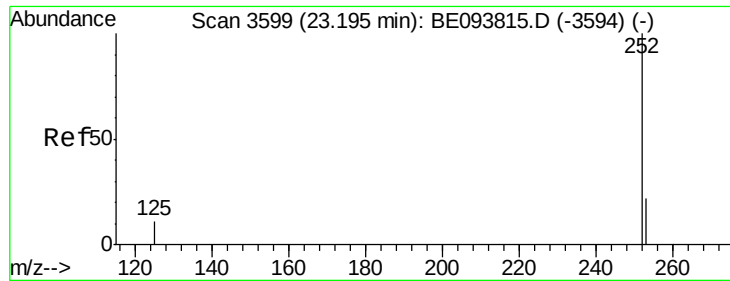
#21

Benzo(b)fluoranthene

Concen: 0.270 ng/ul m
 RT: 23.14 min Scan# 3588
 Delta R.T. -0.00 min
 Lab File: BE093828.D
 Acq: 16 Aug 2017 3:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	0.0	64.2
125	16.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.133 ng/ul m

RT: 23.19 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Instrument :

BNA_E

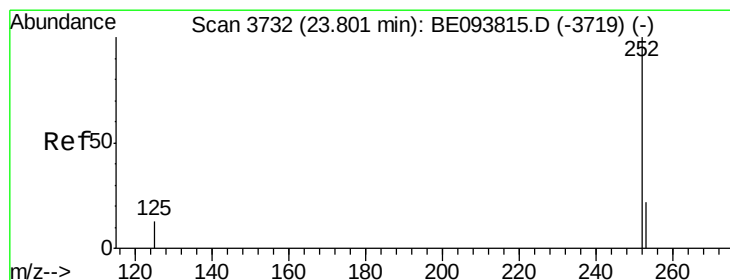
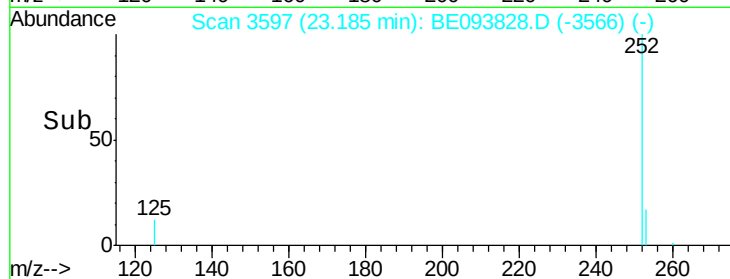
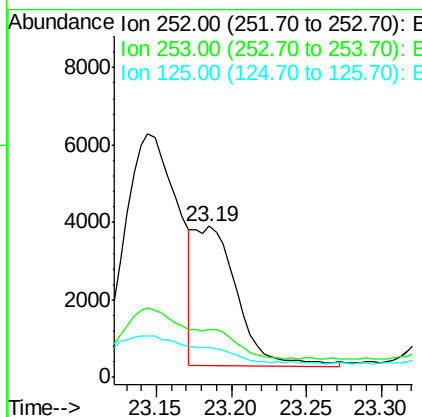
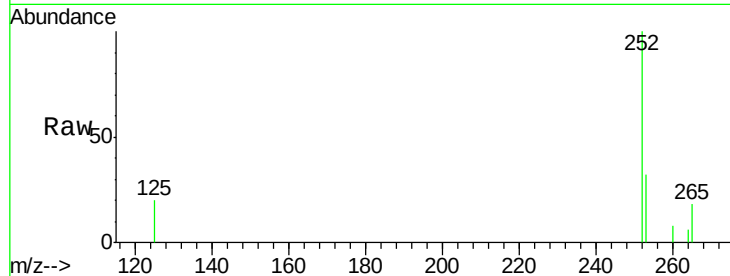
ClientSampleId :

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Tgt Ion:	252	Resp:	7131
Ion Ratio	Lower	Upper	
252	100		
253	32.0	24.5	36.7
125	19.7	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.238 ng/ul

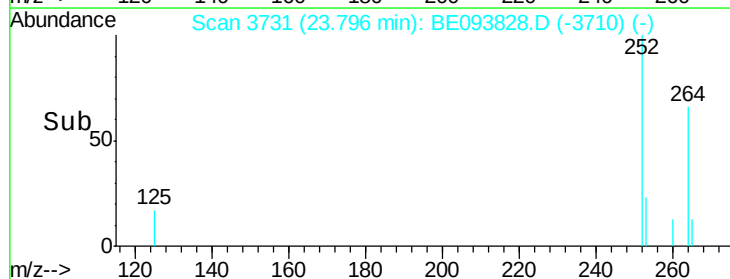
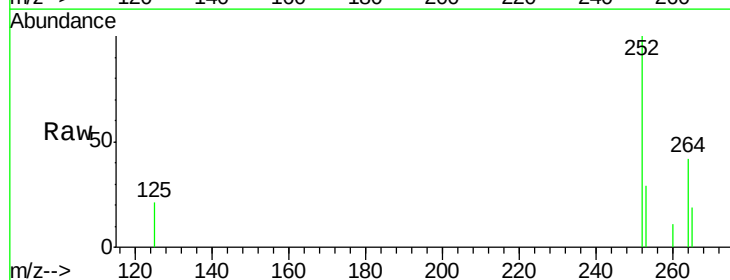
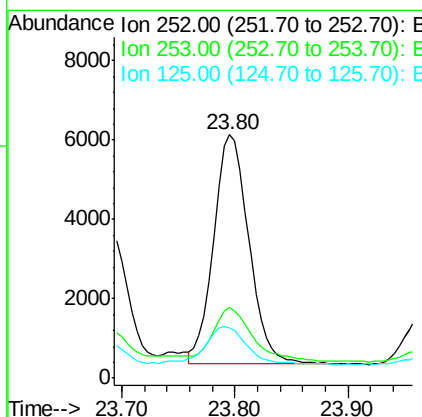
RT: 23.80 min Scan# 3731

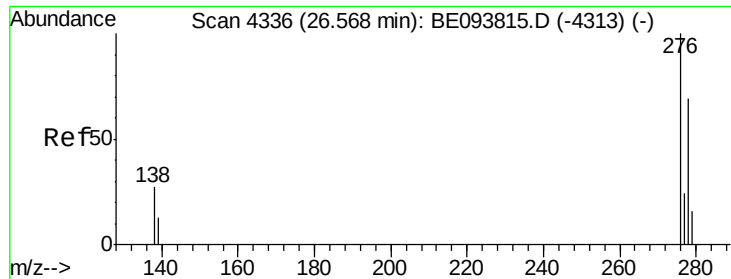
Delta R.T. -0.01 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Tgt Ion:	252	Resp:	12371
Ion Ratio	Lower	Upper	
252	100		
253	28.8	28.5	42.7
125	20.9	18.1	27.1





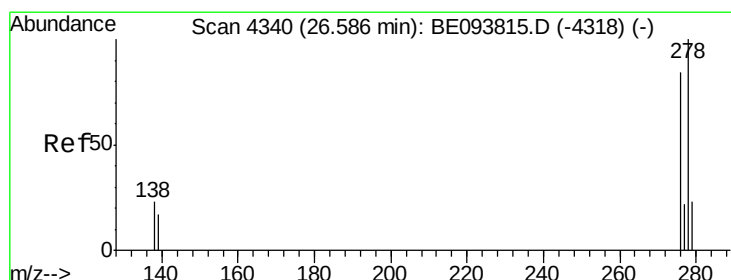
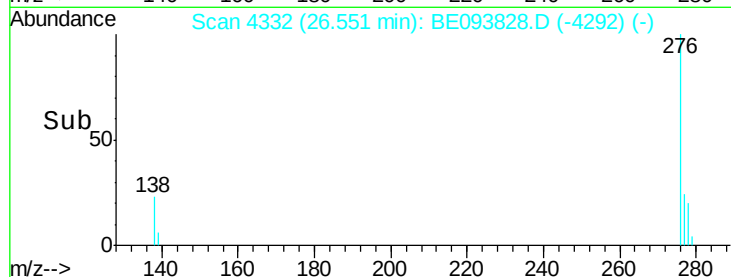
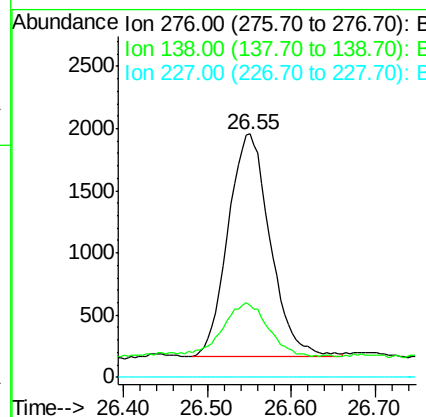
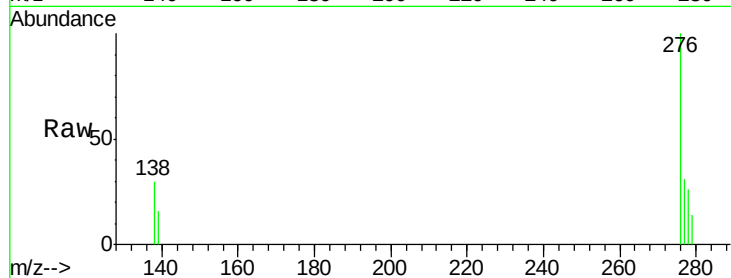
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.109 ng/ul
 RT: 26.55 min Scan# 4332
 Delta R.T. -0.02 min
 Lab File: BE093828.D
 Acq: 16 Aug 2017 3:50

Instrument :
 BNA_E
 ClientSampled :
 C0AC6DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.4	28.0	42.0#
227	0.0	8.0	12.0#

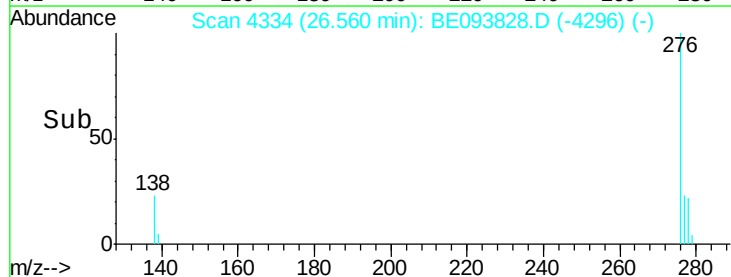
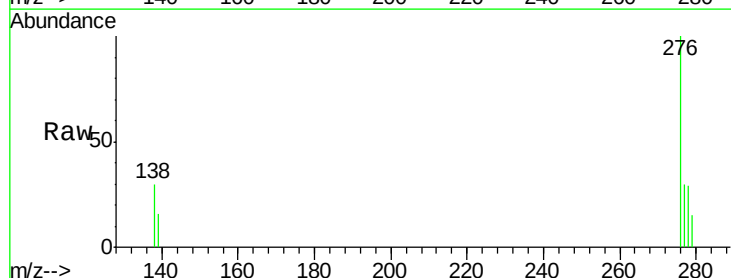
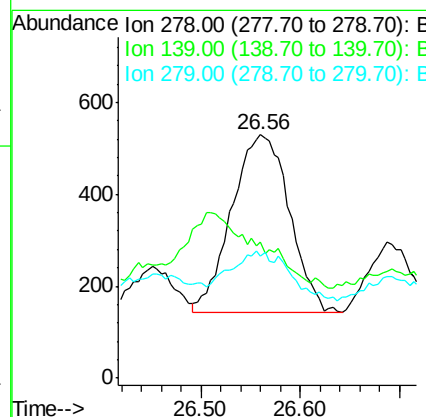
Manual Integrations
 APPROVED

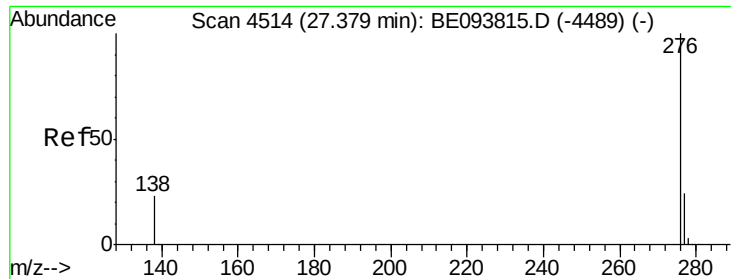
Sohil
 8/16/2017 6:42:59 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.033 ng/ul
 RT: 26.56 min Scan# 4334
 Delta R.T. -0.03 min
 Lab File: BE093828.D
 Acq: 16 Aug 2017 3:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	55.7	17.4	26.0#
279	50.0	25.9	38.9#





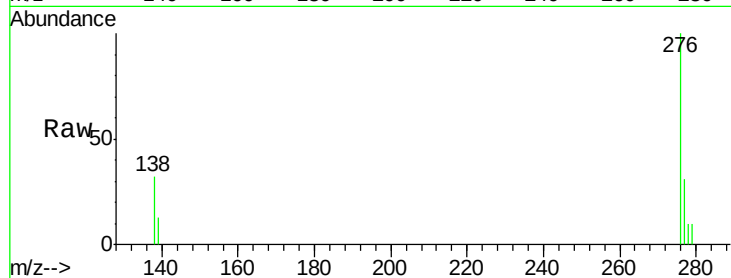
#26
 Benzo(g,h,i)perylene
 Concen: 0.111 ng/ul
 RT: 27.37 min Scan# 4511
 Delta R.T. -0.01 min
 Lab File: BE093828.D
 Acq: 16 Aug 2017 3:50

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	31.6	21.8	32.8
277	31.1	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:42:59 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

