

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
 Data File : BE093822.D
 Acq On : 16 Aug 2017 00:06
 Operator : SJ/JU
 Sample : I4672-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH0

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:42:47 PM

Quant Time: Aug 16 08:15:03 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	2552	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13732	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8402	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	17962	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19424	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	24542	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4090	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	11394	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	5699	0.171	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	3195	0.131	ng/ul	99
7) Acenaphthylene	14.24	152	3045	0.087	ng/ul	98
8) Acenaphthene	14.58	153	2360	0.085	ng/ul	99
9) Fluorene	15.57	166	3141	0.090	ng/ul	94
12) Phenanthrene	17.29	178	62782	1.283	ng/ul#	90
13) Anthracene	17.38	178	12463	0.262	ng/ul#	91
15) Fluoranthene	19.30	202	95249	1.557	ng/ul	84
17) Pyrene	19.66	202	86316	1.522	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	39548	0.702	ng/ul#	85
19) Chrysene	21.44	228	40100	0.742	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	48092m	0.633	ng/ul	
22) Benzo(k)fluoranthene	23.18	252	16152m	0.216	ng/ul	
23) Benzo(a)pyrene	23.80	252	34416	0.477	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.55	276	19096	0.240	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	4309	0.065	ng/ul#	93
26) Benzo(g,h,i)perylene	27.38	276	15422	0.230	ng/ul	99

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

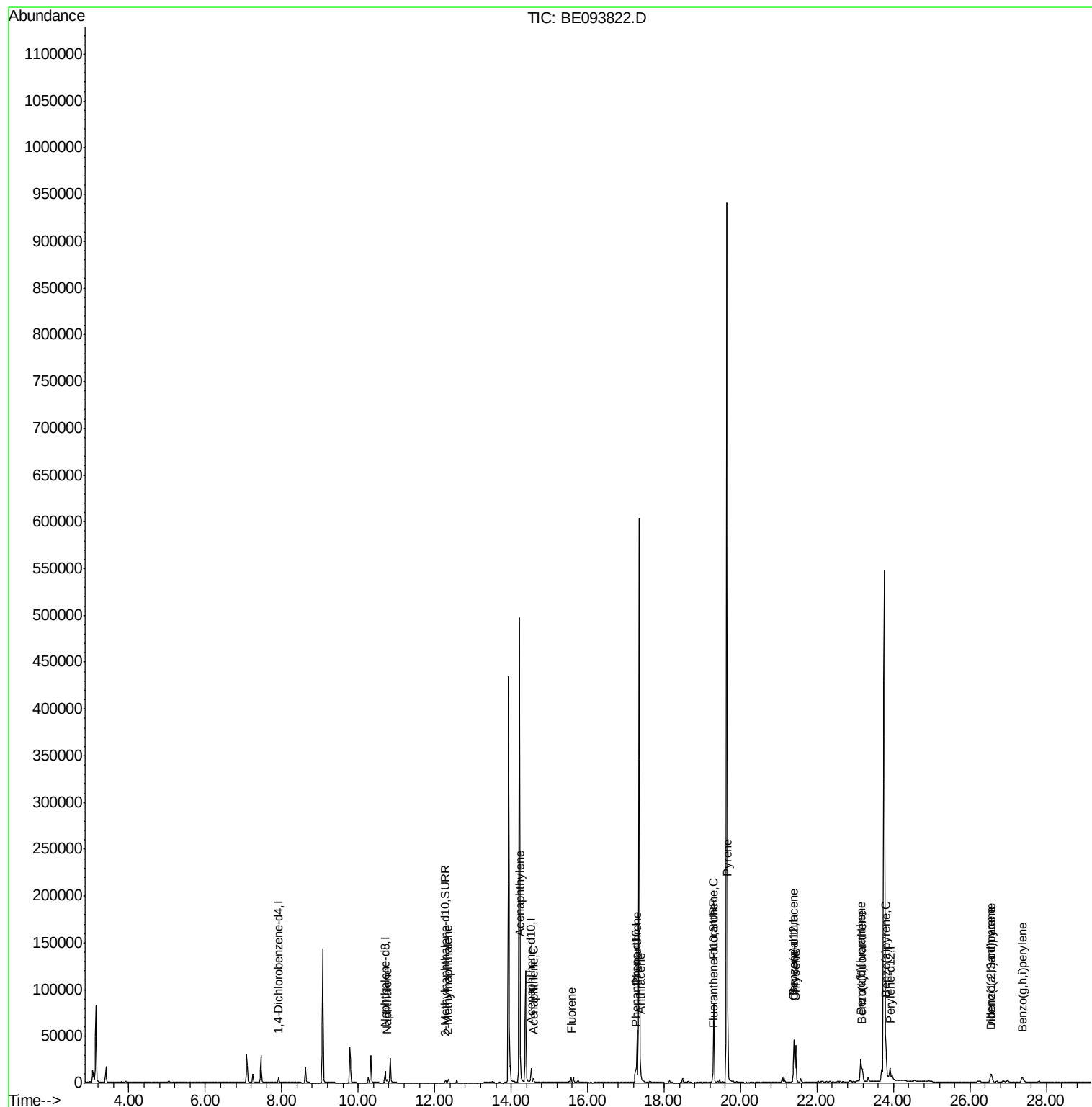
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
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ALS Vial : 21 Sample Multiplier: 1

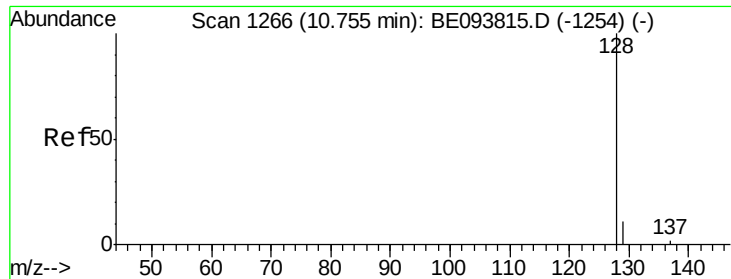
Instrument :
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QLast Update : Wed Aug 16 07:30:49 2017
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#3

Naphthalene

Concen: 0.171 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

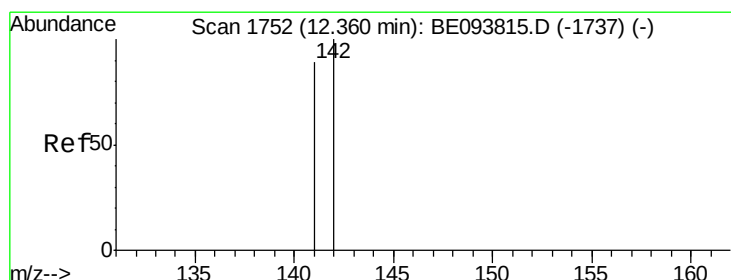
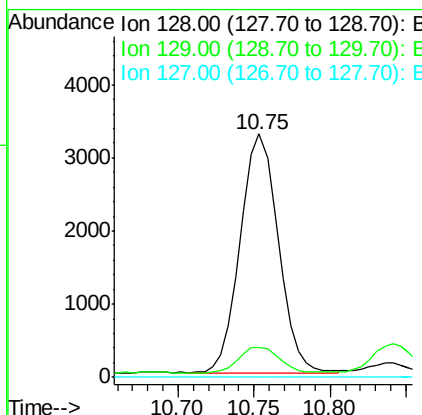
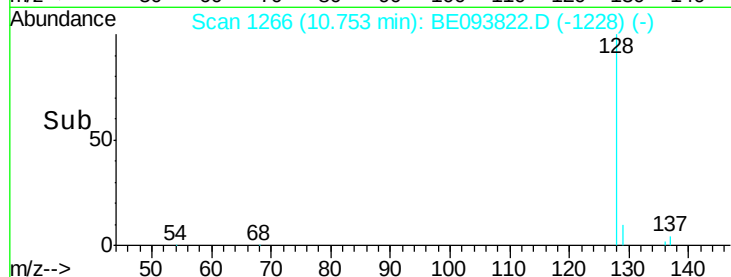
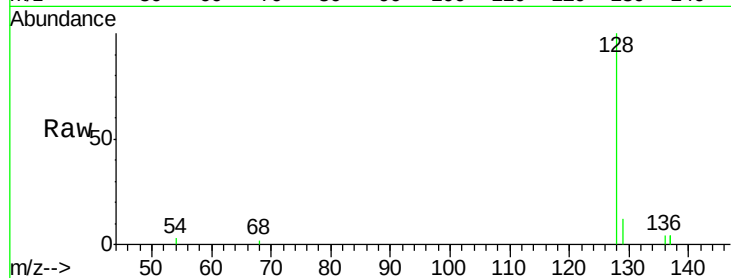
ClientSampleId :

C0AH0

Tgt Ion:	128	Resp:	5699
Ion Ratio	Lower	Upper	
128	100		
129	12.5	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.131 ng/ul

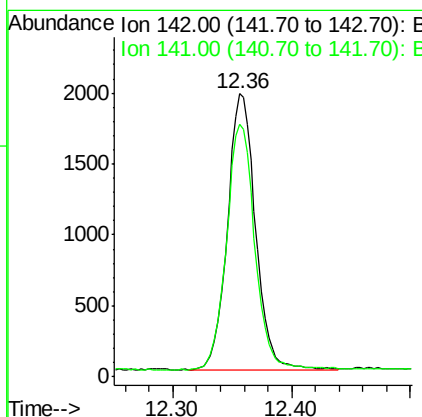
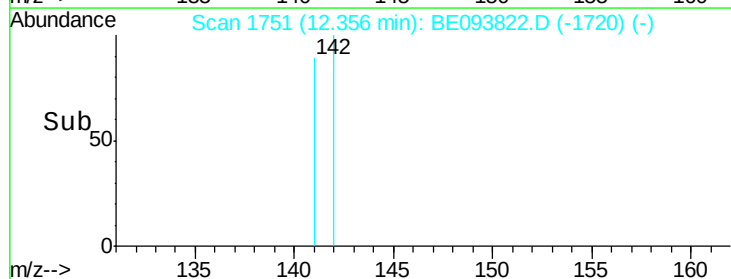
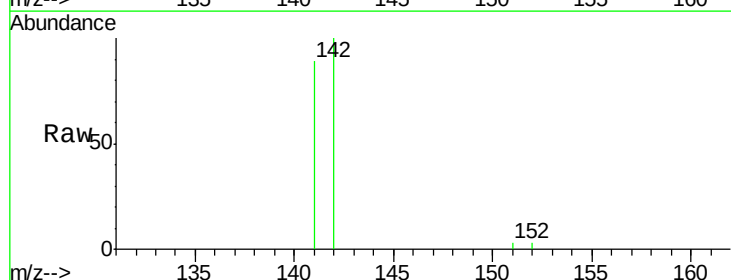
RT: 12.36 min Scan# 1751

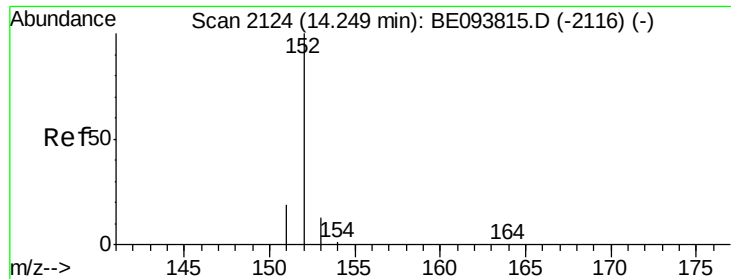
Delta R.T. -0.00 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Tgt Ion:	142	Resp:	3195
Ion Ratio	Lower	Upper	
142	100		
141	89.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.087 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

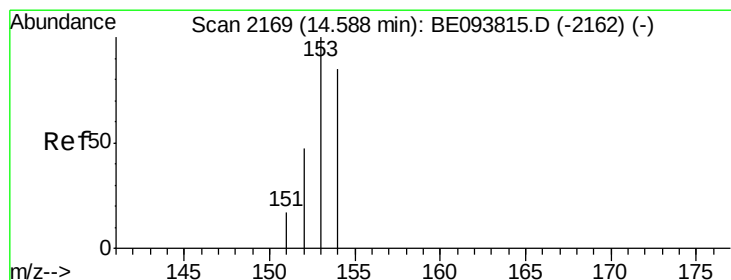
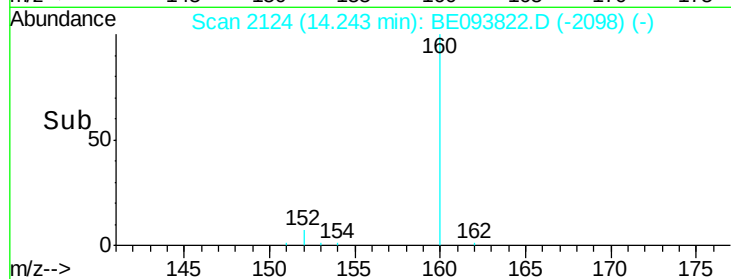
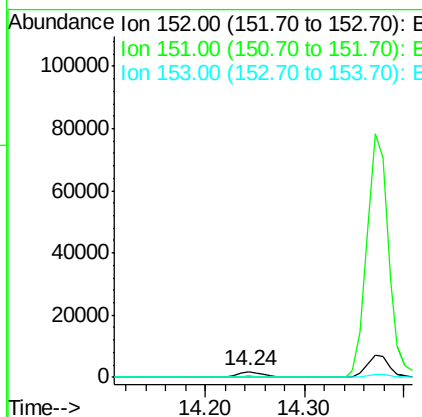
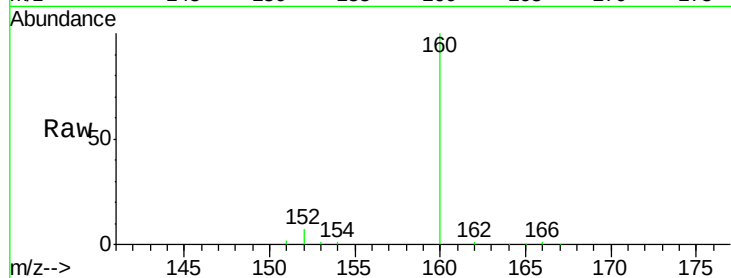
ClientSampled :

COAH0

Tgt Ion:	152	Resp:	3045
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.1	25.7
153	17.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.085 ng/ul

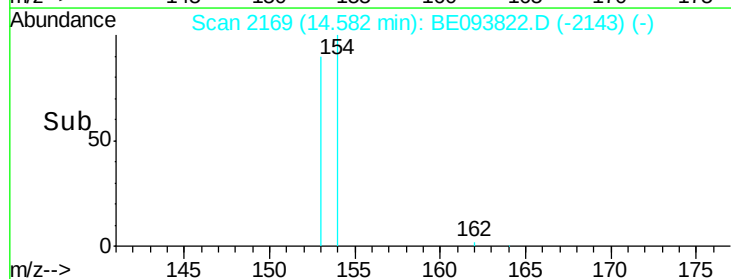
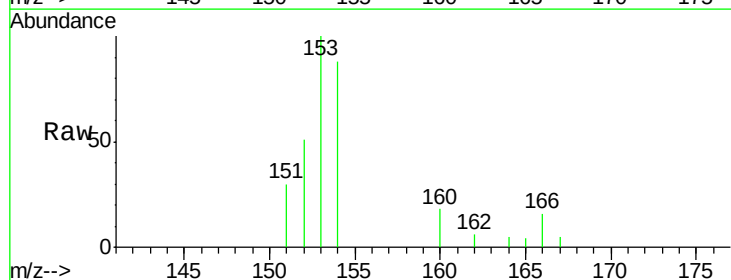
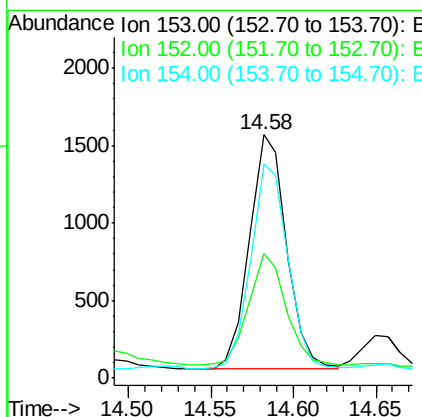
RT: 14.58 min Scan# 2169

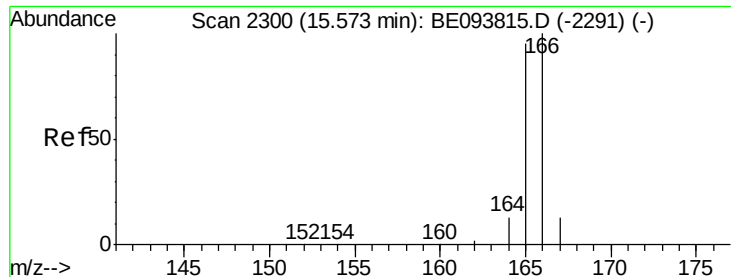
Delta R.T. -0.01 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Tgt Ion:	153	Resp:	2360
Ion Ratio	Lower	Upper	
153	100		
152	51.4	40.3	60.5
154	87.9	71.4	107.2





#9

Fluorene

Concen: 0.090 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

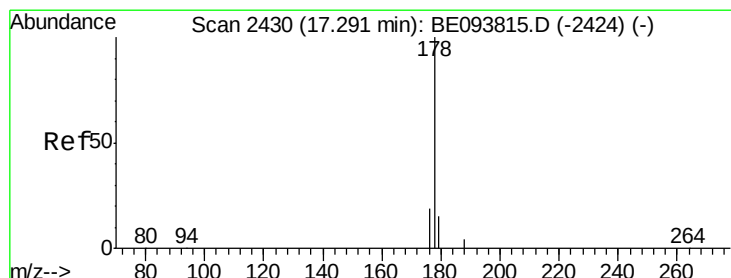
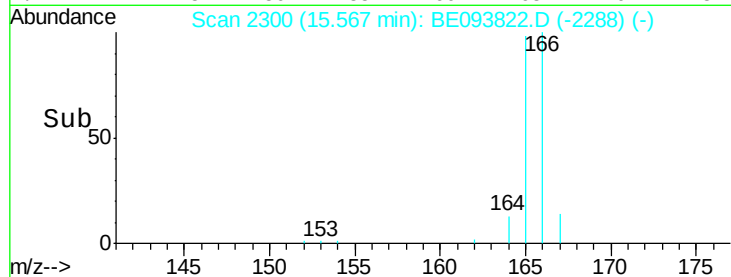
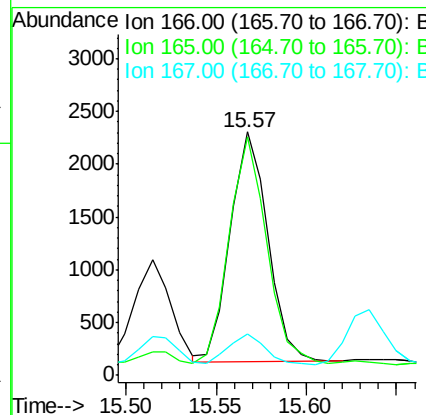
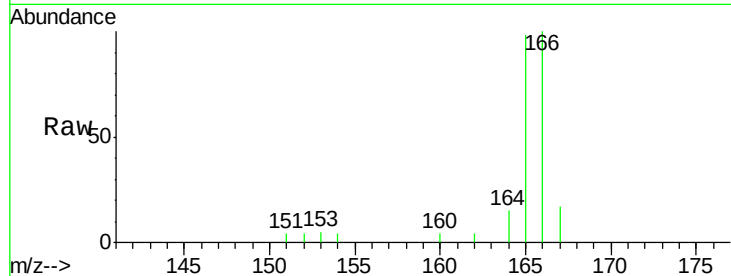
ClientSampleId :

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Tgt Ion:	166	Resp:	3141
Ion Ratio	Lower	Upper	
166	100		
165	97.8	73.4	110.2
167	17.2	14.6	22.0

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#12

Phenanthrene

Concen: 1.283 ng/ul

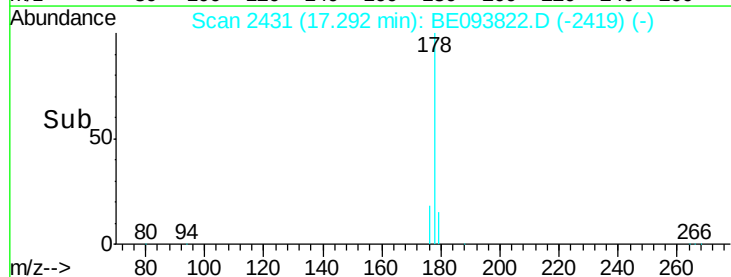
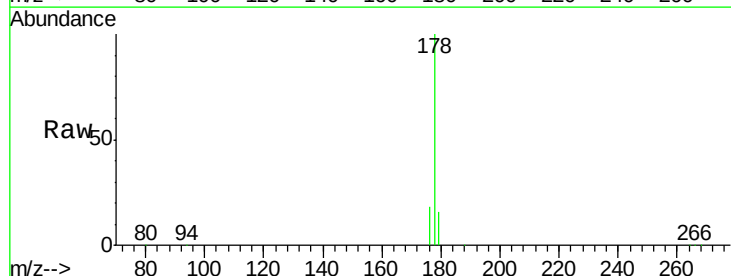
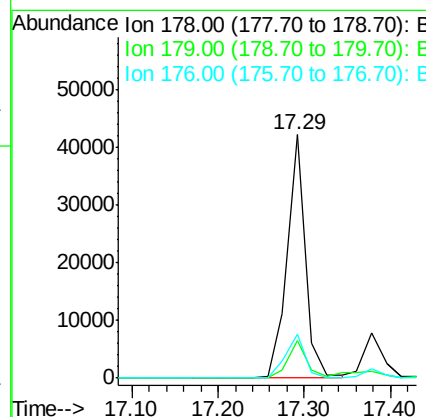
RT: 17.29 min Scan# 2431

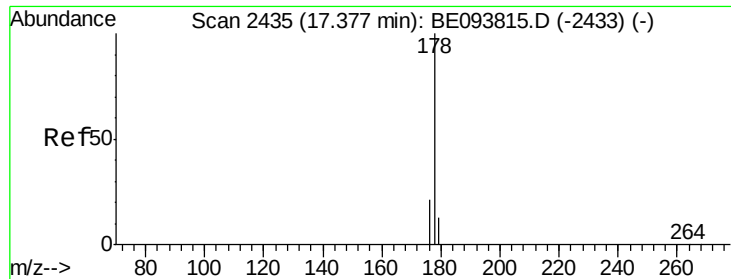
Delta R.T. 0.00 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Tgt Ion:	178	Resp:	62782
Ion Ratio	Lower	Upper	
178	100		
179	15.7	18.4	27.6#
176	18.2	13.6	20.4





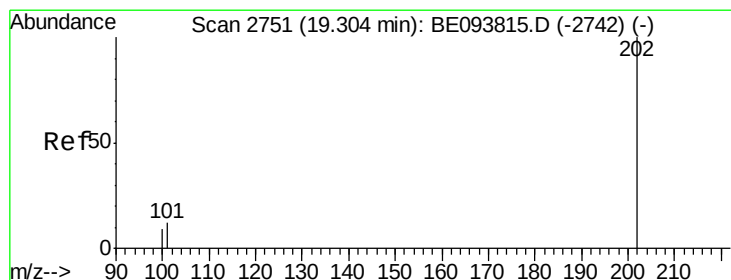
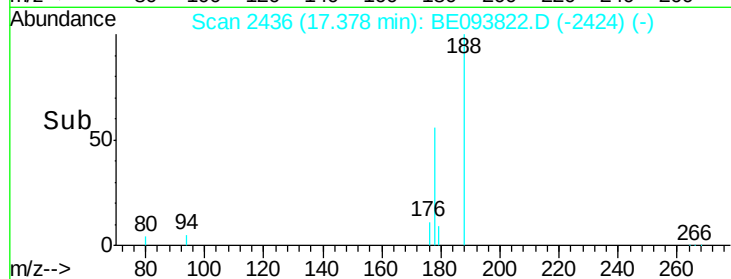
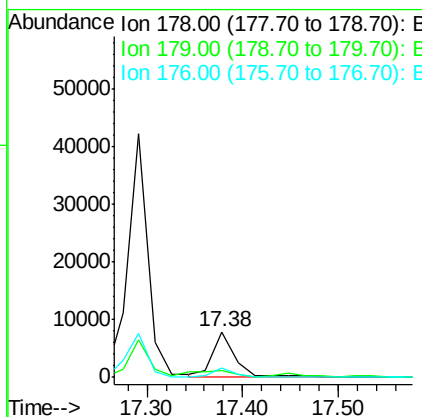
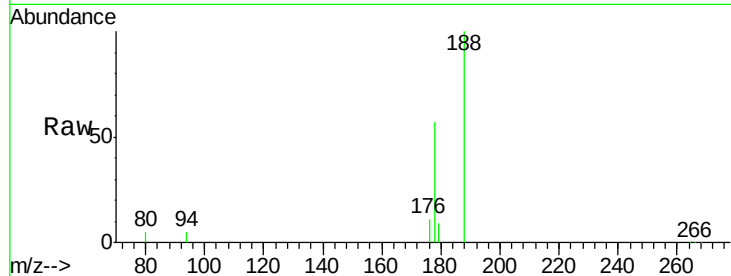
#13
 Anthracene
 Concen: 0.262 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE093822.D
 Acq: 16 Aug 2017 00:06

Instrument :
 BNA_E
 ClientSampled :
 COAH0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	19.7	14.7	22.1

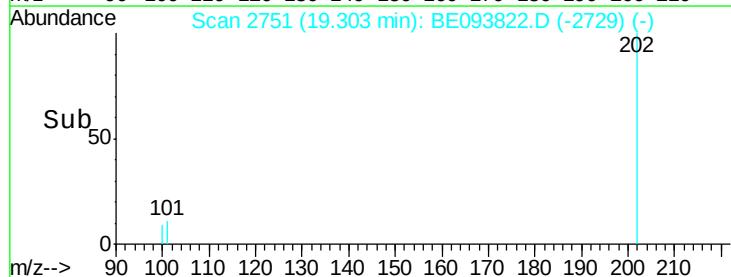
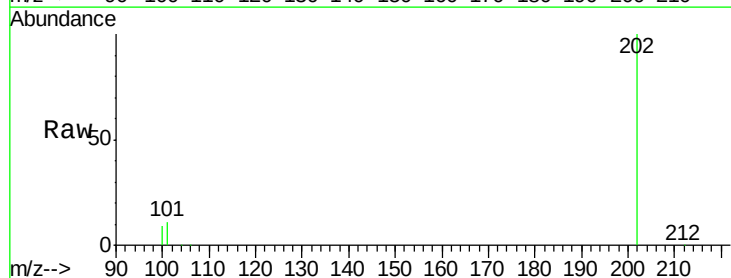
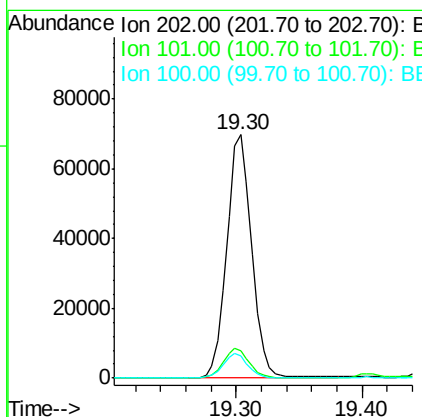
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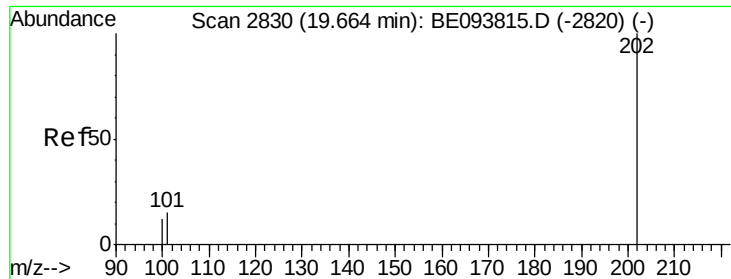
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#15
 Fluoranthene
 Concen: 1.557 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE093822.D
 Acq: 16 Aug 2017 00:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
100	8.9	0.0	39.5





#17

Pyrene

Concen: 1.522 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

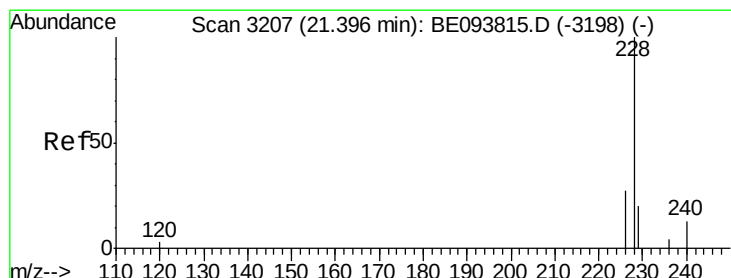
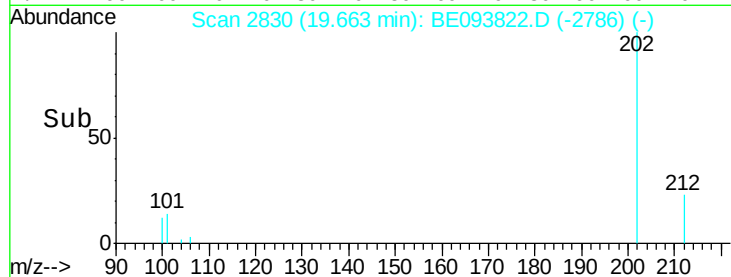
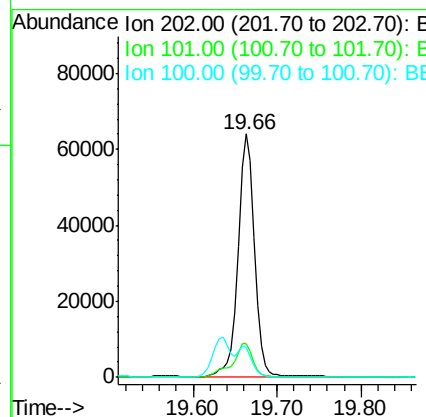
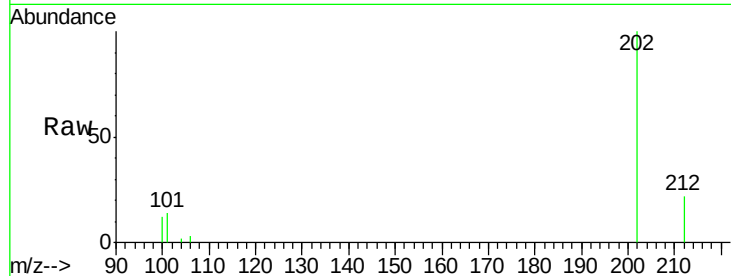
ClientSampleId :

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Tgt Ion:	202	Resp:	86316
Ion Ratio	Lower	Upper	
202	100		
101	13.7	18.2	27.4#
100	12.3	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.702 ng/ul

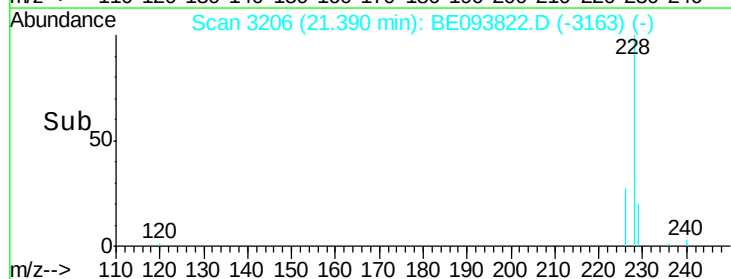
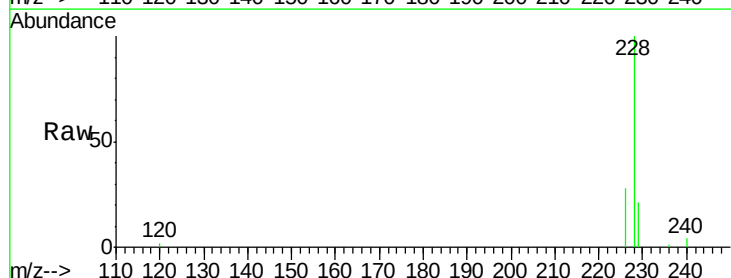
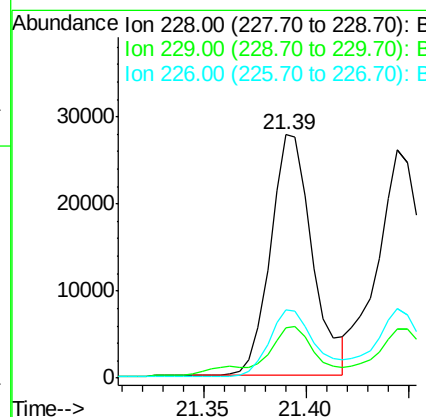
RT: 21.39 min Scan# 3206

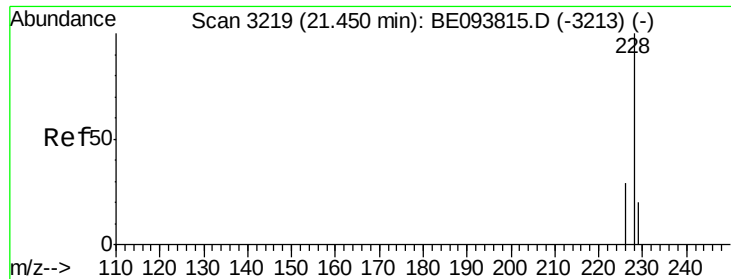
Delta R.T. -0.01 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Tgt Ion:	228	Resp:	39548
Ion Ratio	Lower	Upper	
228	100		
229	20.7	22.8	34.2#
226	28.0	17.0	25.6#





#19

Chrysene

Concen: 0.742 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

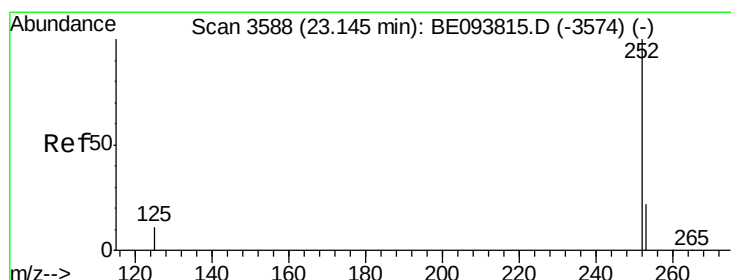
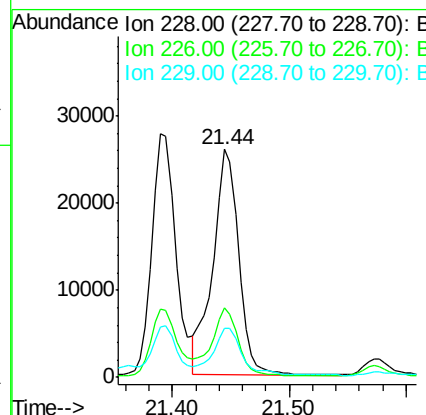
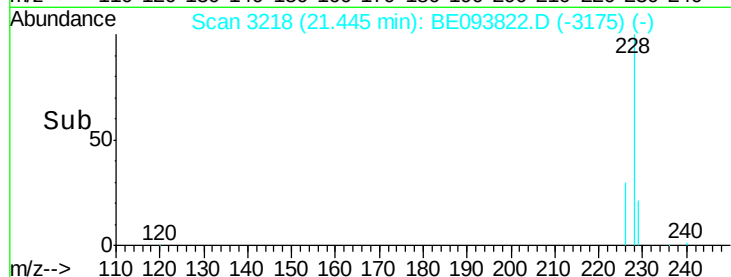
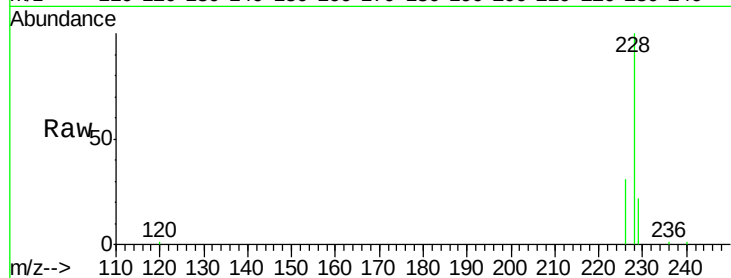
ClientSampleId :

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Tgt Ion:	228	Resp:	40100
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.4	35.0
229	21.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.633 ng/ul m

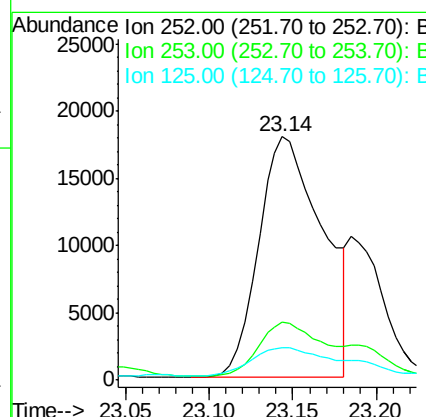
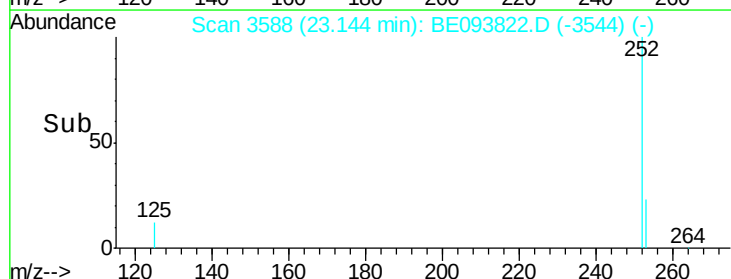
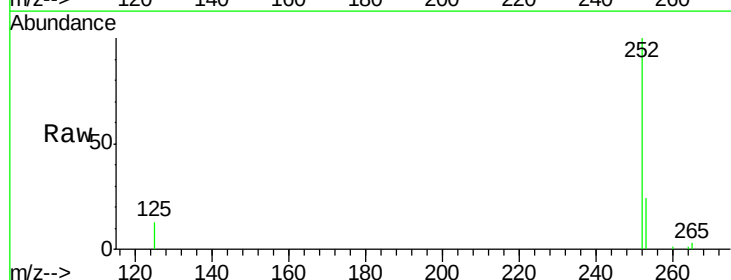
RT: 23.14 min Scan# 3588

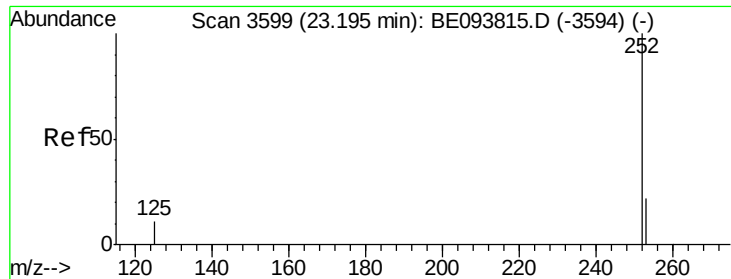
Delta R.T. -0.00 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Tgt Ion:	252	Resp:	48092
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	64.2
125	13.4	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.216 ng/ul m

RT: 23.18 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

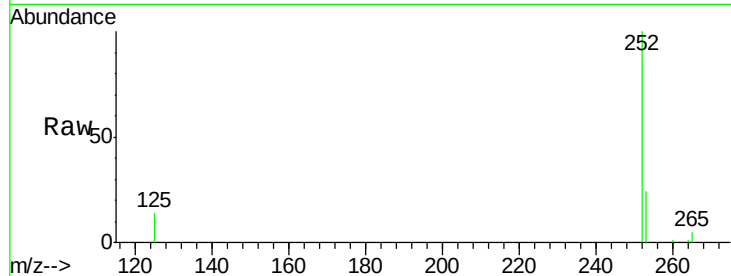
ClientSampleId :

C0AH0

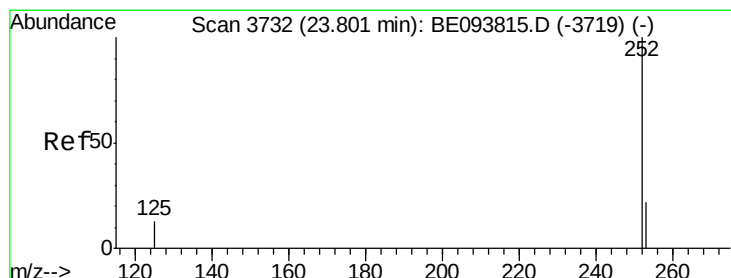
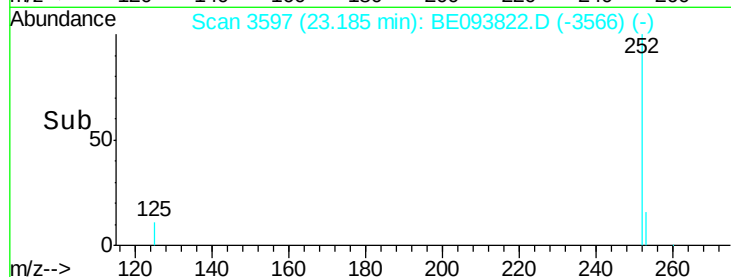
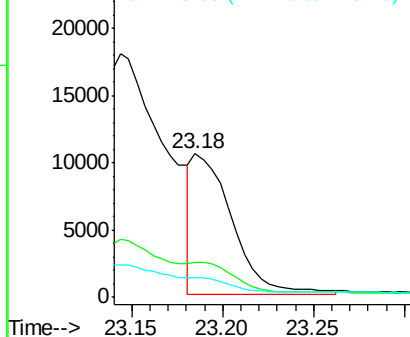
Tgt Ion:	252	Resp:	16152
Ion Ratio	Lower	Upper	
252	100		
253	24.5	24.5	36.7#
125	14.0	13.7	20.5

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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: 0.477 ng/ul

RT: 23.80 min Scan# 3733

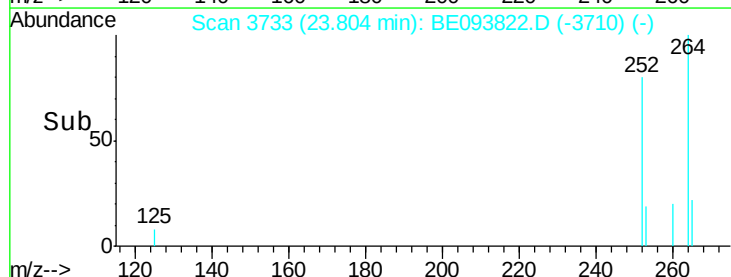
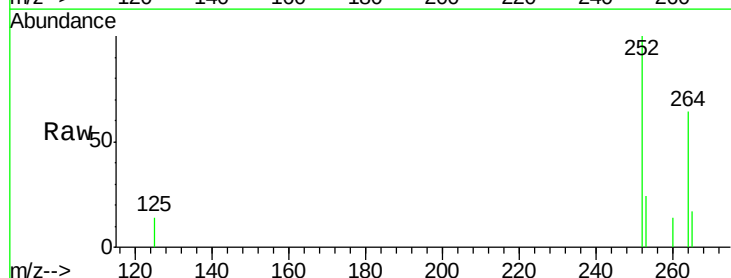
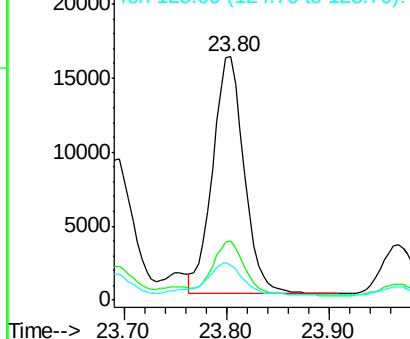
Delta R.T. 0.00 min

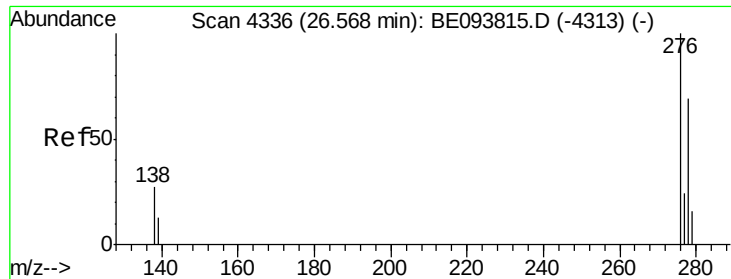
Lab File: BE093822.D

Acq: 16 Aug 2017 00:06

Tgt Ion:	252	Resp:	34416
Ion Ratio	Lower	Upper	
252	100		
253	24.4	28.5	42.7#
125	14.2	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





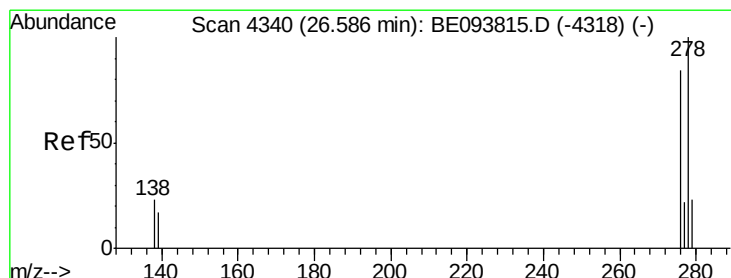
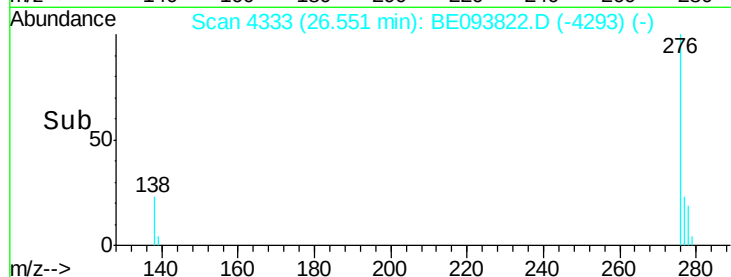
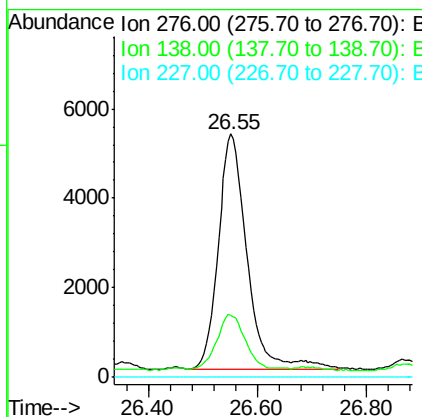
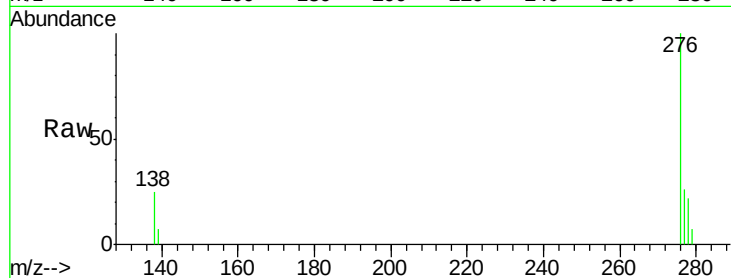
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.240 ng/ul
 RT: 26.55 min Scan# 4333
 Delta R.T. -0.02 min
 Lab File: BE093822.D
 Acq: 16 Aug 2017 00:06

Instrument :
 BNA_E
 ClientSampleId :
 COAH0

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

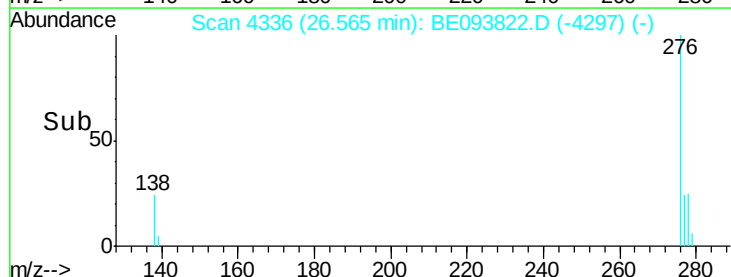
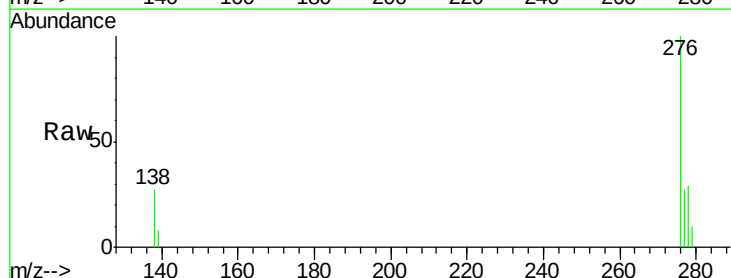
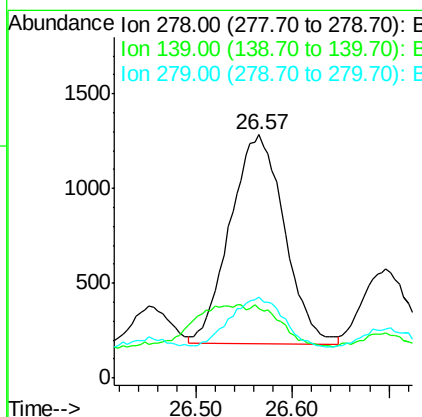
Manual Integrations
 APPROVED

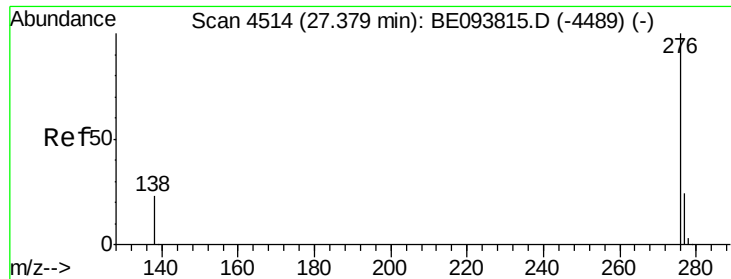
Sohil
 8/16/2017 6:42:47 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.065 ng/ul
 RT: 26.57 min Scan# 4336
 Delta R.T. -0.02 min
 Lab File: BE093822.D
 Acq: 16 Aug 2017 00:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	28.7	17.4	26.0#
279	33.5	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 0.230 ng/ul

RT: 27.38 min Scan# 4514

Delta R.T. -0.00 min

Lab File: BE093822.D

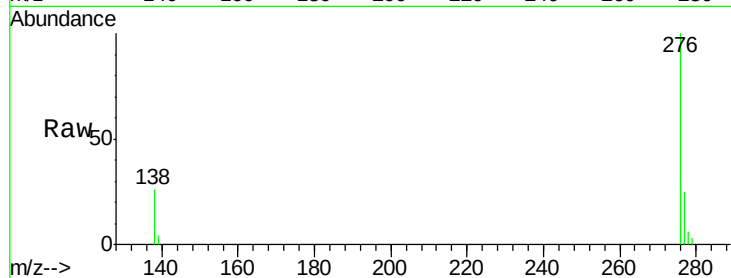
Acq: 16 Aug 2017 00:06

Instrument :

BNA_E

ClientSampleId :

C0AH0



Tgt Ion: 276 Resp: 15422

Ion Ratio Lower Upper

276 100

138 26.3 21.8 32.8

277 25.3 20.5 30.7

Manual Integrations
APPROVED

Sohil
8/16/2017 6:42:47 PM

