

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093835.D
 Acq On : 16 Aug 2017 11:39
 Operator : SJ/JU
 Sample : I4672-11DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ1DL

Manual Integrations
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Sohil
 8/17/2017 5:59:20 PM

Quant Time: Aug 17 01:19:27 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 00:58:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2126	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11352	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6590	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14011	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	14810	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	16481	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1543	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	3749	0.08	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	1592	0.058	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	807	0.040	ng/ul	98
7) Acenaphthylene	14.24	152	1431	0.052	ng/ul	92
8) Acenaphthene	14.58	153	722	0.033	ng/ul	94
9) Fluorene	15.57	166	1323	0.048	ng/ul	93
12) Phenanthrene	17.29	178	23600	0.618	ng/ul#	90
13) Anthracene	17.38	178	4911	0.132	ng/ul#	92
15) Fluoranthene	19.30	202	37971	0.796	ng/ul	84
17) Pyrene	19.66	202	35187	0.814	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	17263	0.402	ng/ul#	86
19) Chrysene	21.44	228	18064	0.439	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	20440m	0.401	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	9055m	0.180	ng/ul	
23) Benzo(a)pyrene	23.80	252	15300	0.316	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.56	276	8215	0.153	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.56	278	1790	0.040	ng/ul#	83
26) Benzo(a,h,i)perylene	27.38	276	6241	0.138	ng/ul	97

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

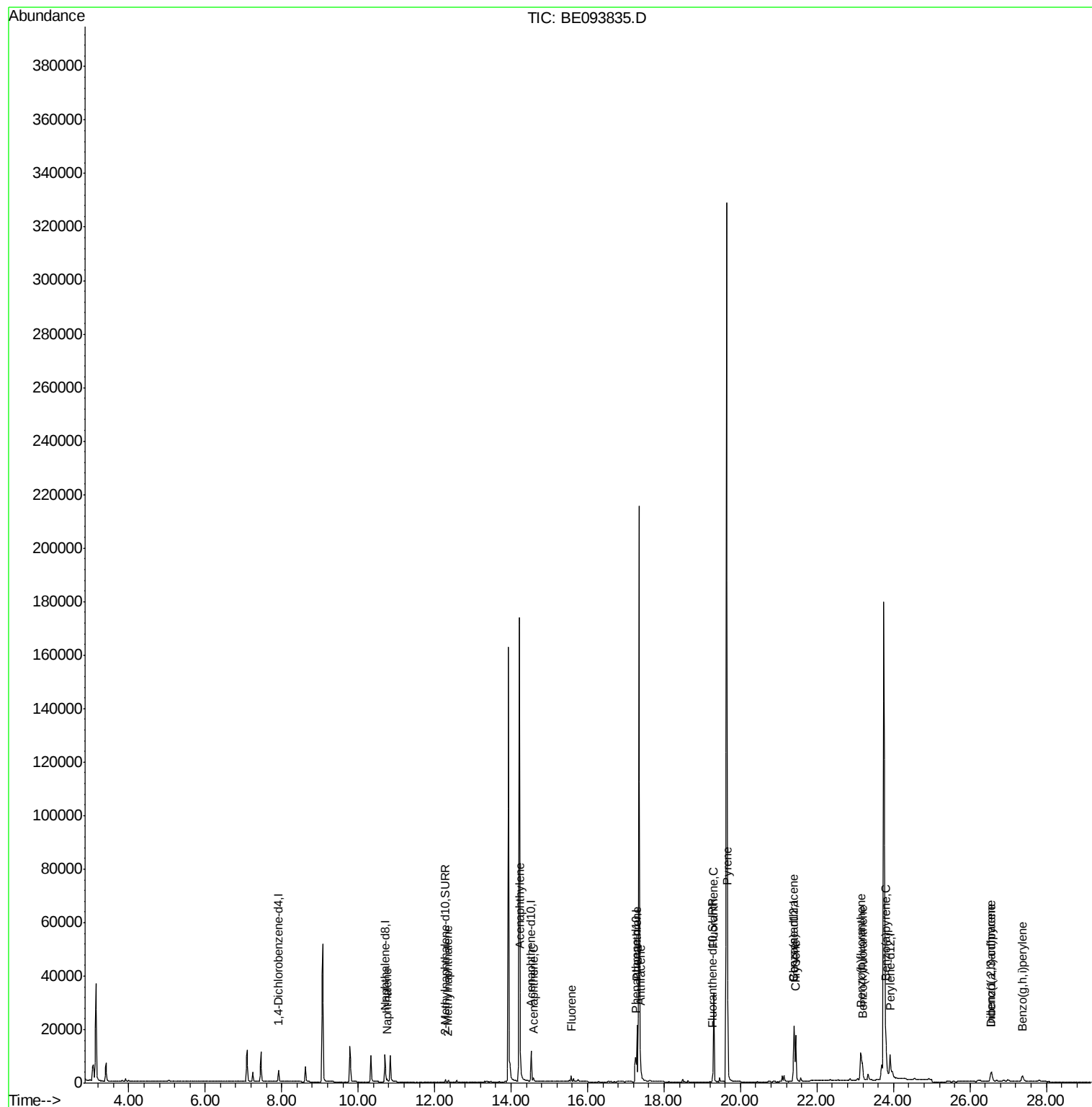
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
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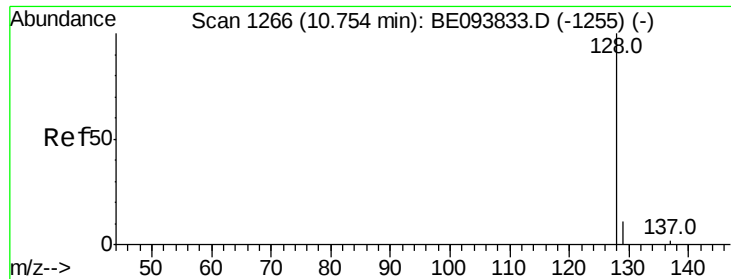
Instrument :
BNA_E
ClientSampleId :
C0AJ1DL

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QLast Update : Thu Aug 17 00:58:19 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.058 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093835.D

Acq: 16 Aug 2017 11:39

Instrument :

BNA_E

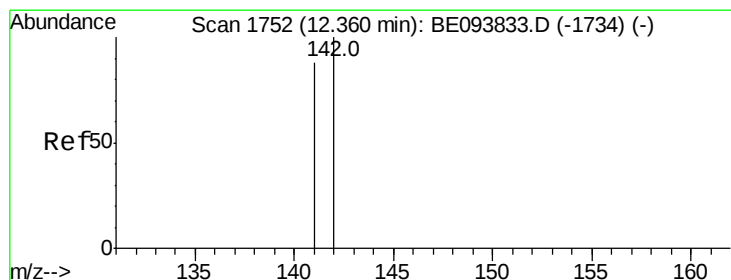
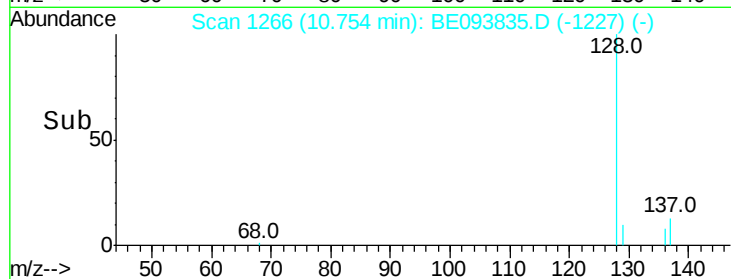
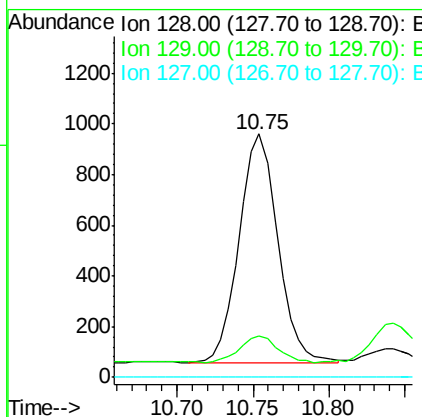
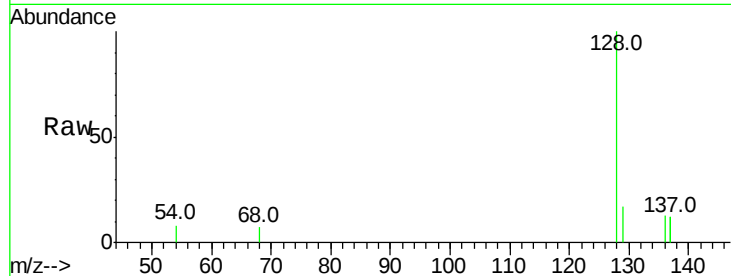
ClientSampleId :

C0AJ1DL

Tot Ion:	128	Resp:	1592
Ion	Ratio	Lower	Upper
128	100		
129	16.8	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.040 ng/ul

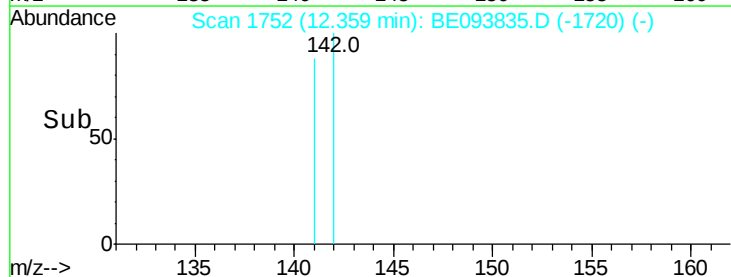
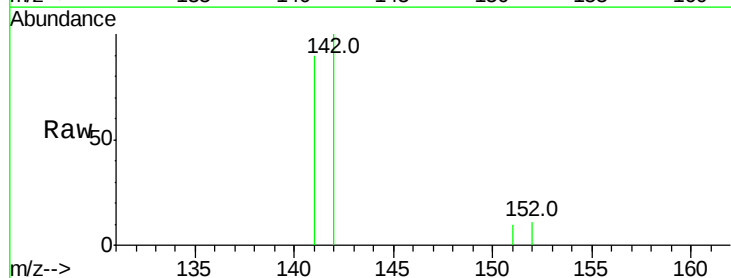
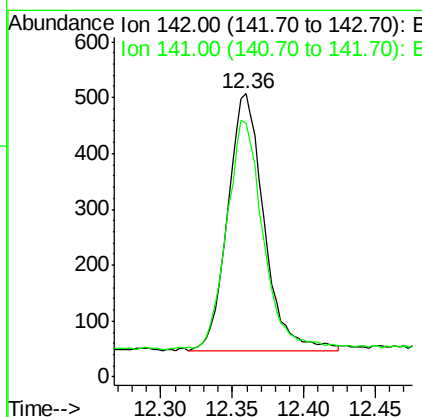
RT: 12.36 min Scan# 1752

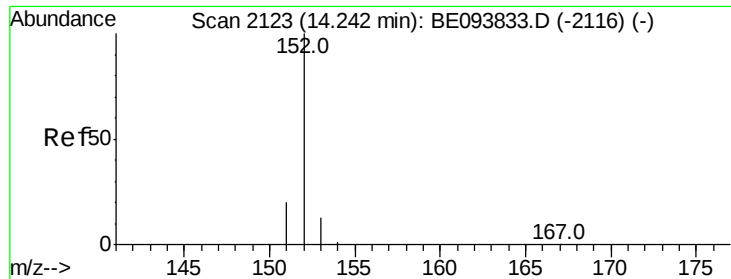
Delta R.T. -0.00 min

Lab File: BE093835.D

Acq: 16 Aug 2017 11:39

Tgt Ion:	142	Resp:	807
Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093835.D

Acq: 16 Aug 2017 11:39

Instrument :

BNA_E

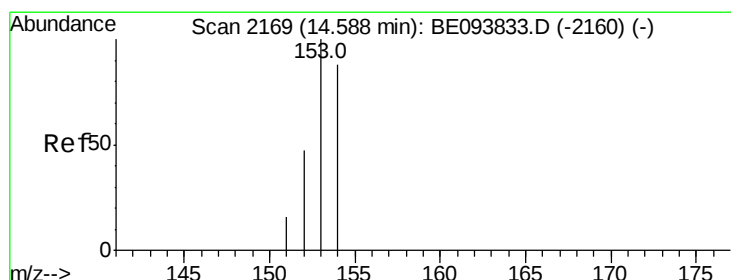
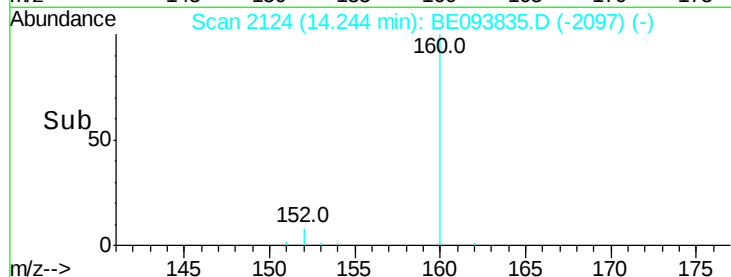
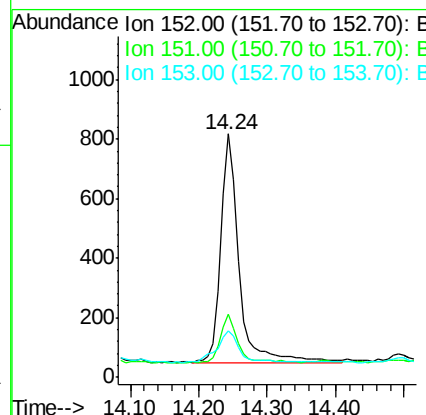
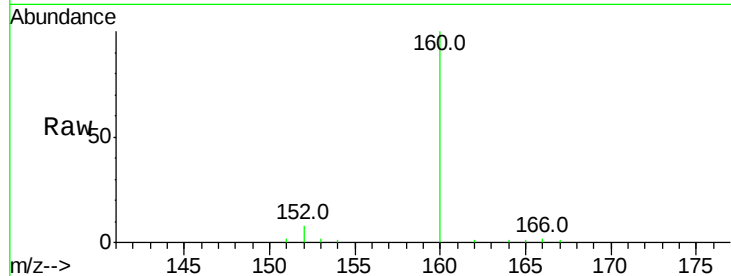
ClientSampled :

C0AJ1DL

Tot Ion:	152	Resp:	1431
Ion Ratio	Lower	Upper	
152	100		
151	25.7	17.1	25.7
153	19.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.033 ng/ul

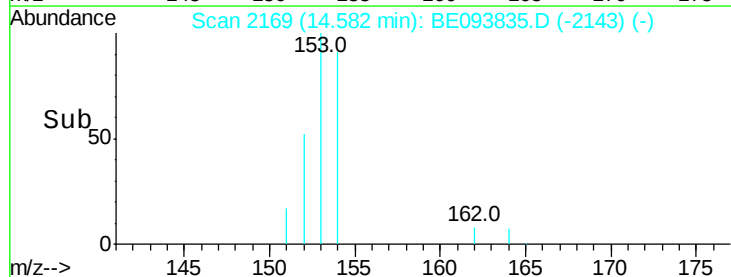
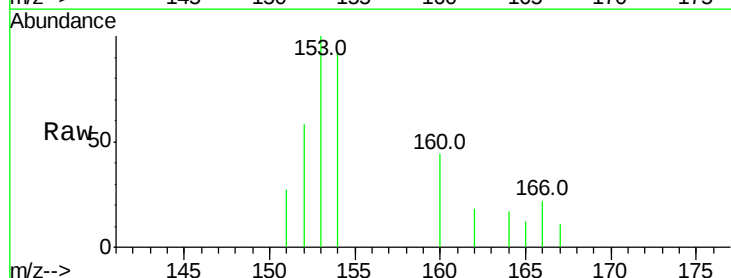
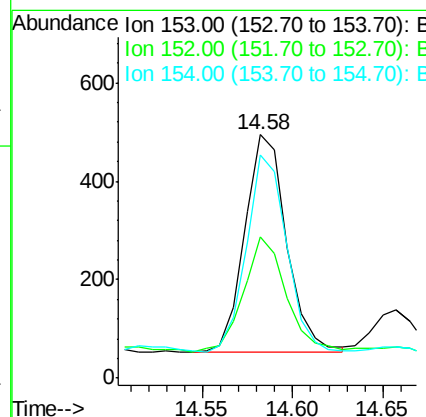
RT: 14.58 min Scan# 2169

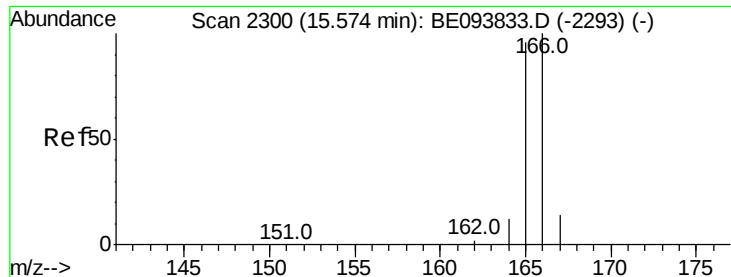
Delta R.T. -0.01 min

Lab File: BE093835.D

Acq: 16 Aug 2017 11:39

Tgt Ion:	153	Resp:	722
Ion Ratio	Lower	Upper	
153	100		
152	58.0	40.3	60.5
154	91.7	71.4	107.2





#9

Fluorene

Concen: 0.048 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE093835.D

Acq: 16 Aug 2017 11:39

Instrument :

BNA_E

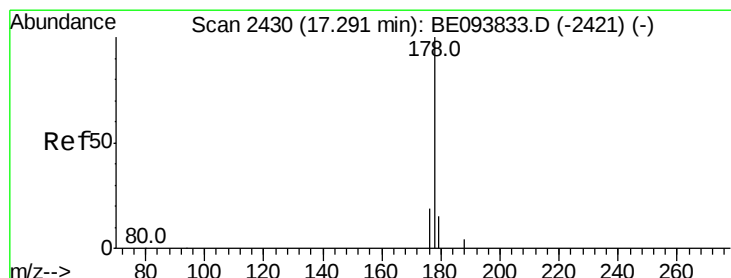
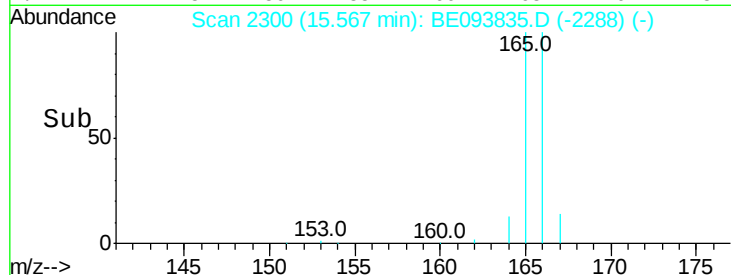
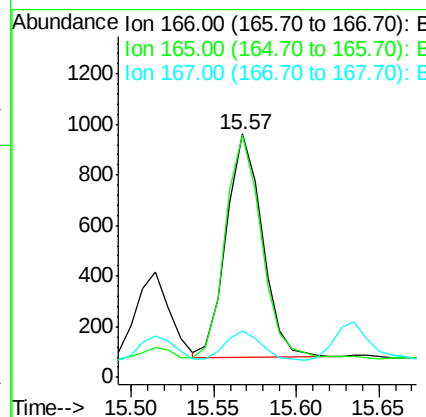
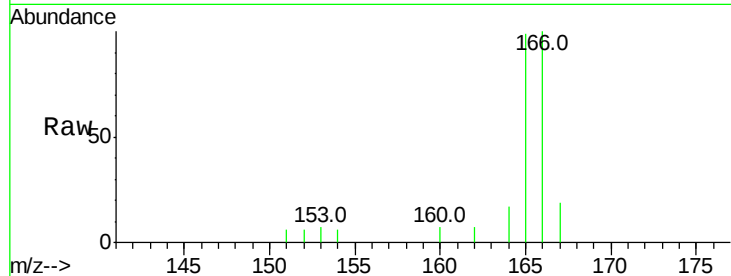
ClientSampleId :

C0AJ1DL

Tot Ion:	166	Resp:	1323
Ion	Ratio	Lower	Upper
166	100		
165	99.5	73.4	110.2
167	19.1	14.6	22.0

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#12

Phenanthrene

Concen: 0.618 ng/ul

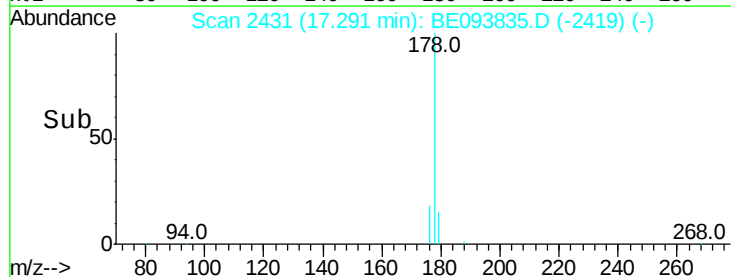
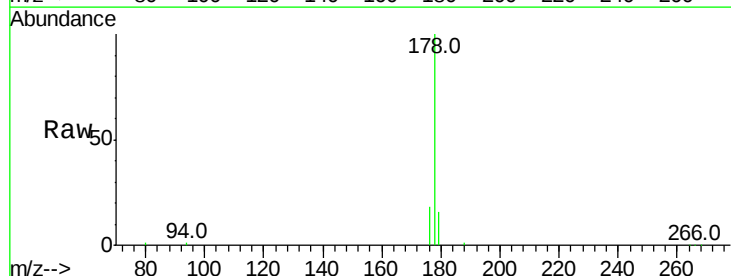
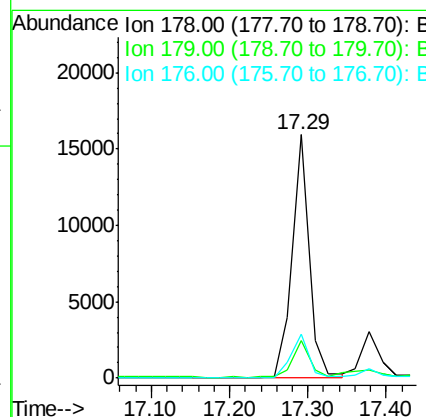
RT: 17.29 min Scan# 2431

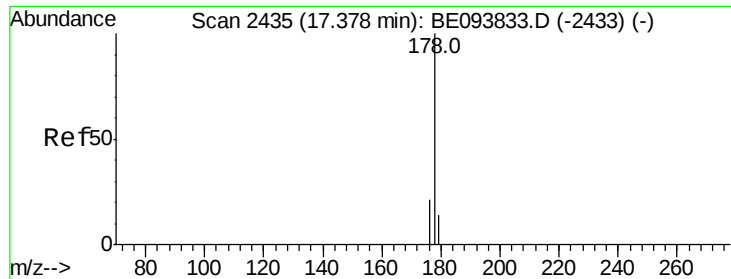
Delta R.T. 0.00 min

Lab File: BE093835.D

Acq: 16 Aug 2017 11:39

Tgt Ion:	178	Resp:	23600
Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	18.0	13.6	20.4





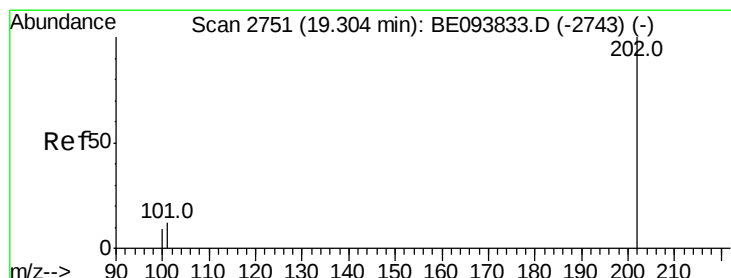
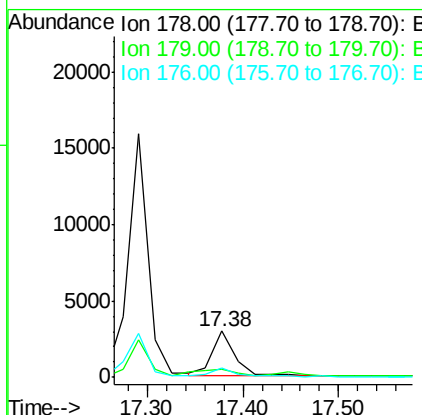
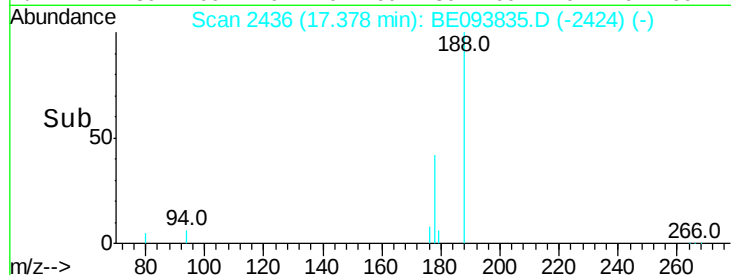
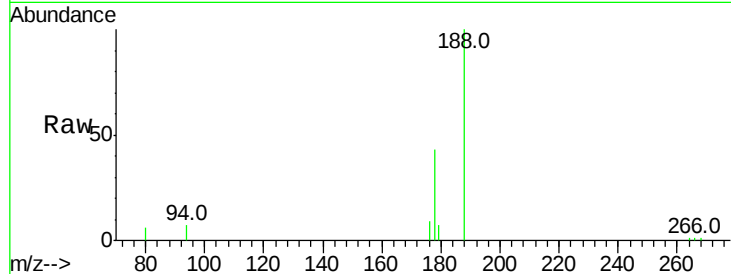
#13
 Anthracene
 Concen: 0.132 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE093835.D
 Acq: 16 Aug 2017 11:39

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ1DL

Tot Ion:178 Resp: 4911
 Ion Ratio Lower Upper
 178 100
 179 17.2 18.1 27.1#
 176 20.2 14.7 22.1

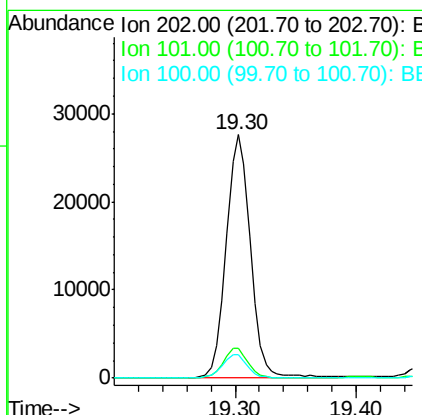
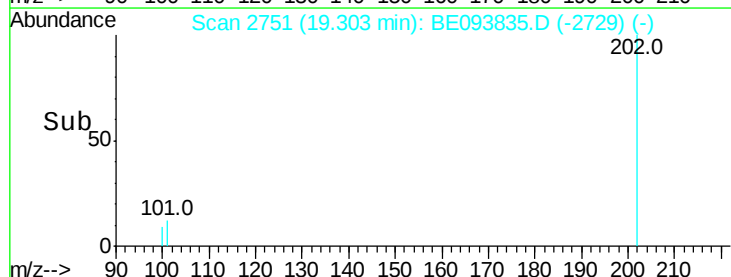
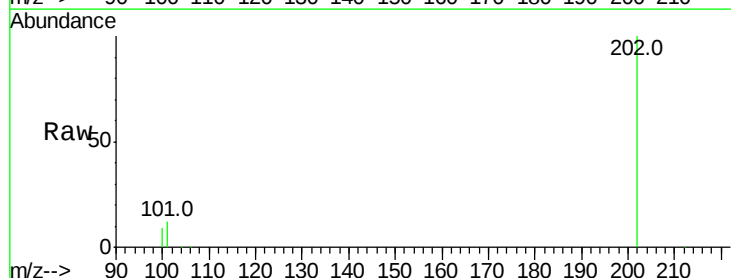
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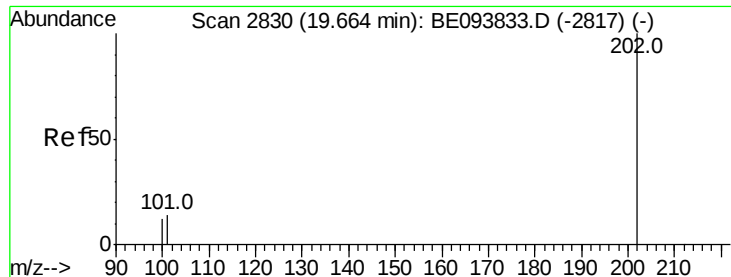
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#15
 Fluoranthene
 Concen: 0.796 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE093835.D
 Acq: 16 Aug 2017 11:39

Tgt Ion:202 Resp: 37971
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 30.3
 100 9.5 0.0 39.5





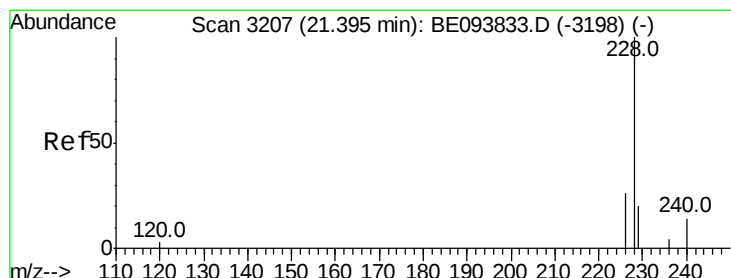
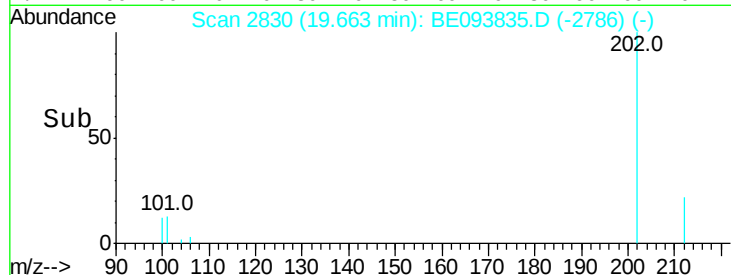
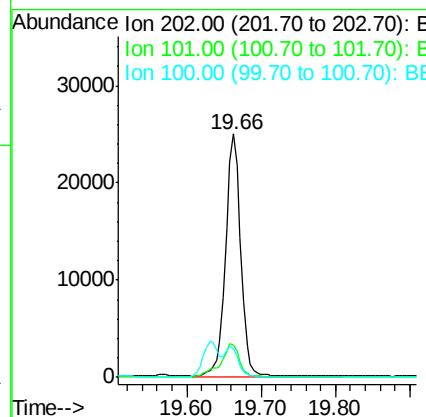
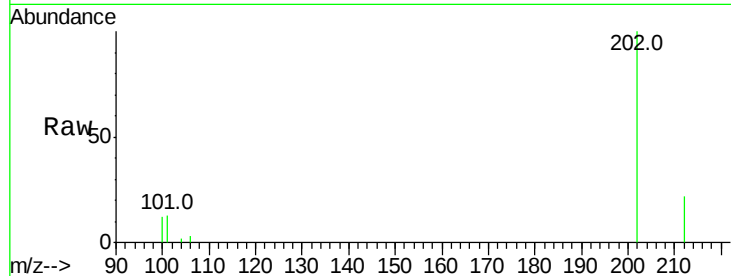
#17
Pvrene
Concen: 0.814 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE093835.D
Acq: 16 Aug 2017 11:39

Instrument :
BNA_E
ClientSampleId :
C0AJ1DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	35187		
101	13.5	18.2	27.4#	
100	11.9	15.6	23.4#	

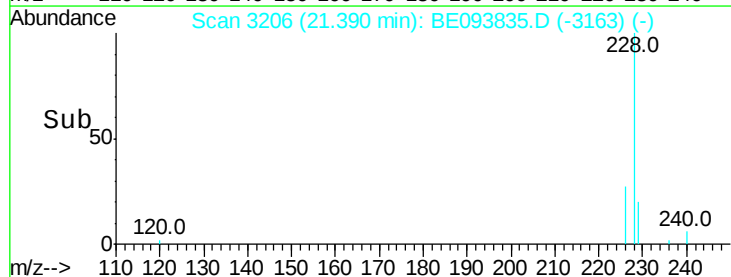
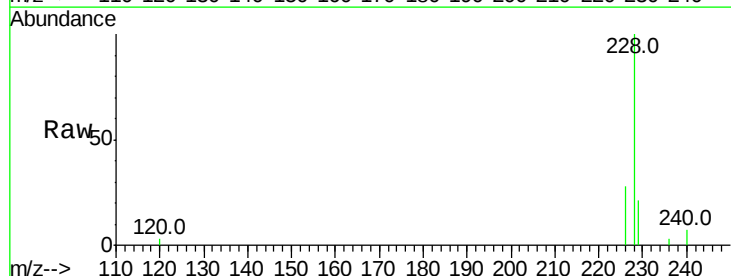
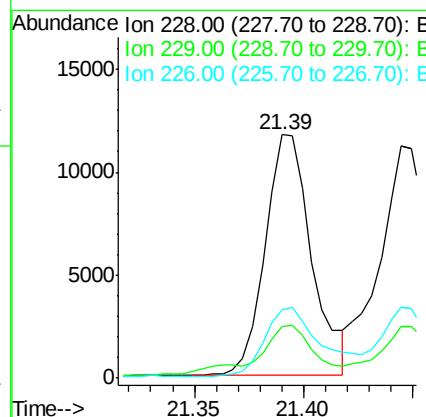
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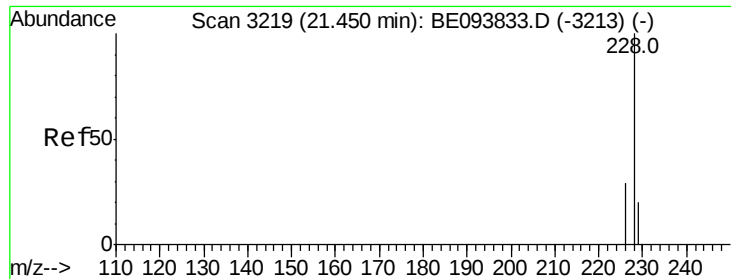
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#18
Benzo(a)anthracene
Concen: 0.402 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BE093835.D
Acq: 16 Aug 2017 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	17263		
229	21.1	22.8	34.2#	
226	28.0	17.0	25.6#	





#19

Chrysene

Concen: 0.439 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE093835.D

Acq: 16 Aug 2017 11:39

Instrument :

BNA_E

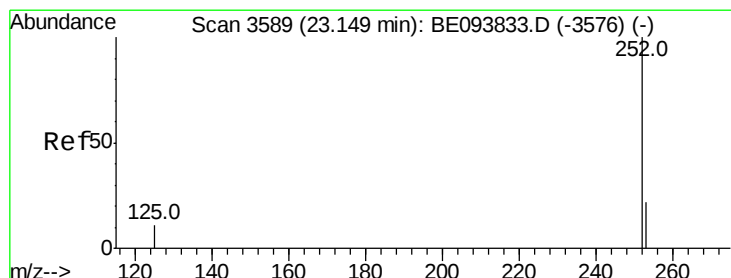
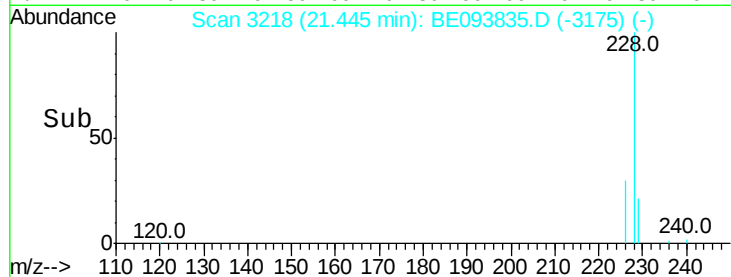
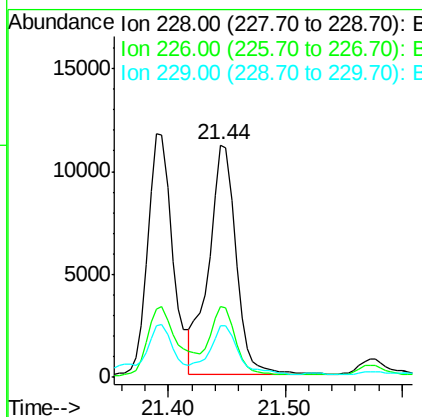
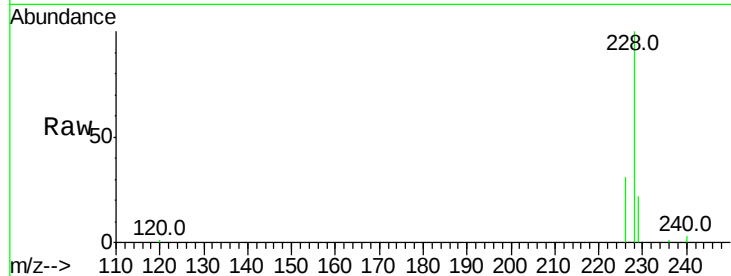
ClientSampleId :

C0AJ1DL

Tot Ion:228	Resp:	18064
Ion Ratio	Lower	Upper
228 100		
226 30.6	23.4	35.0
229 22.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.401 ng/ul m

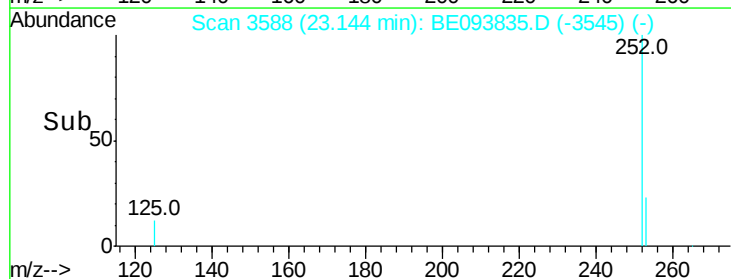
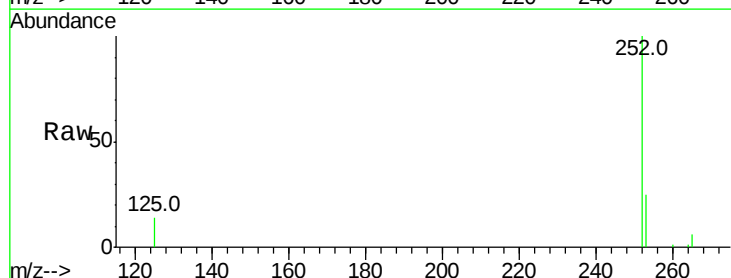
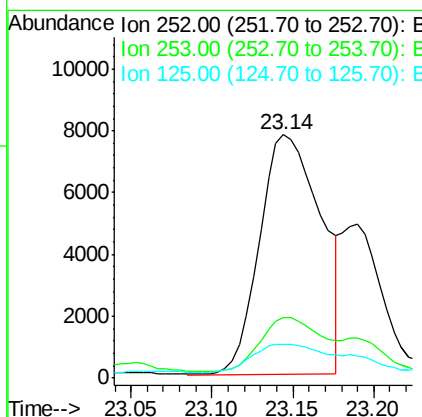
RT: 23.14 min Scan# 3588

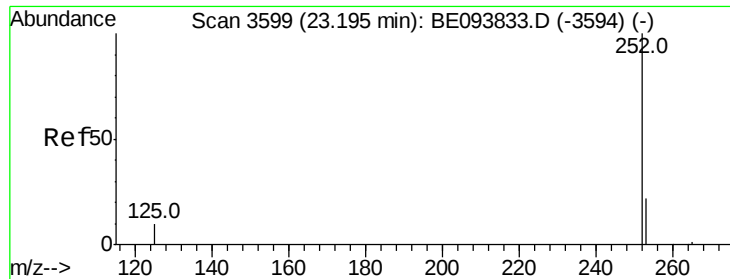
Delta R.T. -0.01 min

Lab File: BE093835.D

Acq: 16 Aug 2017 11:39

Tgt Ion:252	Resp:	20440
Ion Ratio	Lower	Upper
252 100		
253 24.6	0.0	64.2
125 14.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.180 ng/ul m

RT: 23.19 min Scan# 3598

Delta R.T. -0.01 min

Lab File: BE093835.D

Acq: 16 Aug 2017 11:39

Instrument :

BNA_E

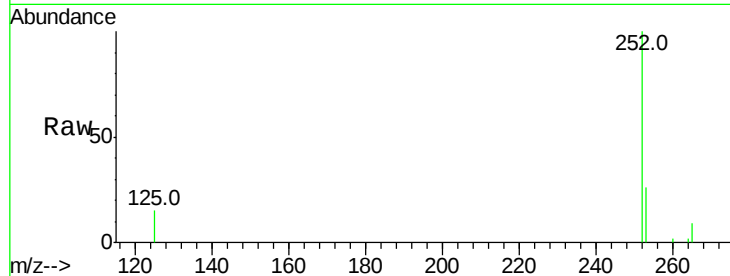
ClientSampled :

C0AJ1DL

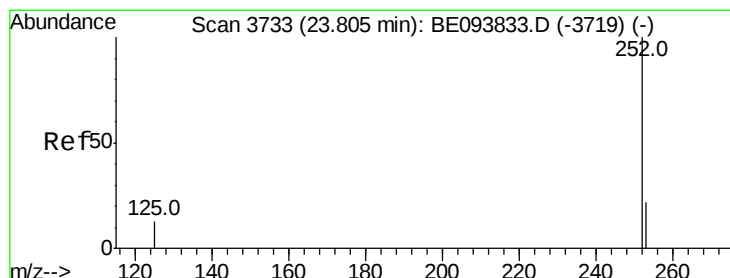
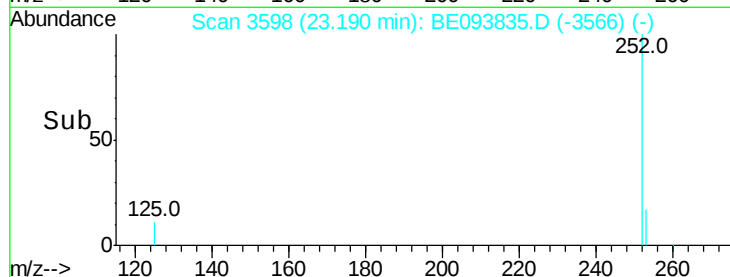
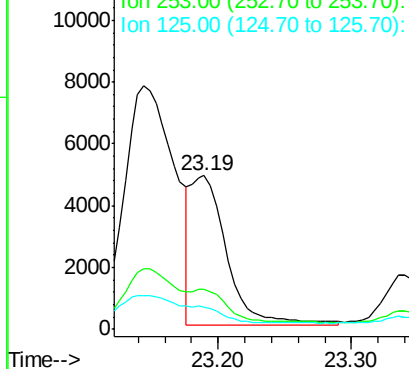
Tot Ion:	252	Resp:	9055
Ion Ratio	Lower	Upper	
252	100		
253	26.4	24.5	36.7
125	14.7	13.7	20.5

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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: 0.316 ng/ul

RT: 23.80 min Scan# 3732

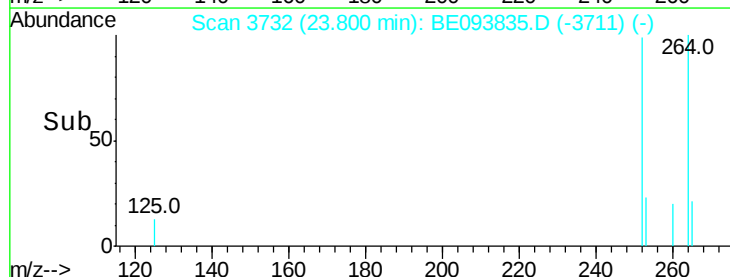
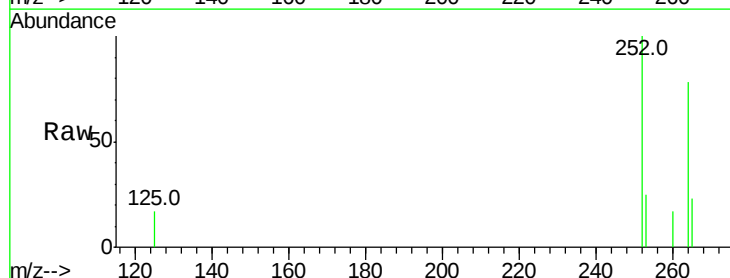
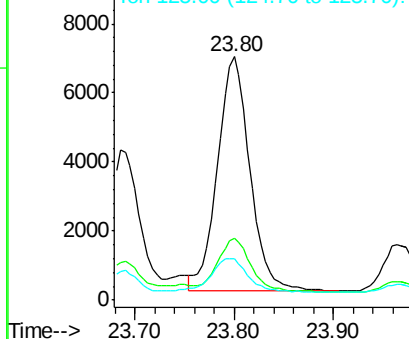
Delta R.T. -0.01 min

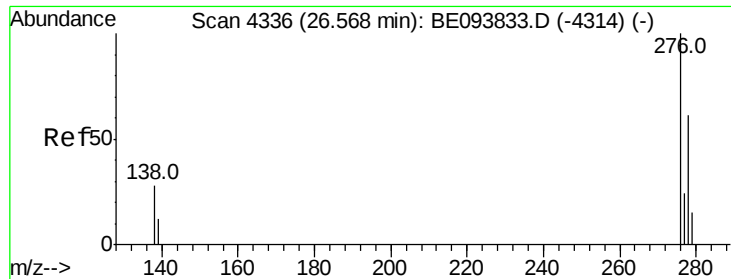
Lab File: BE093835.D

Acq: 16 Aug 2017 11:39

Tgt Ion:	252	Resp:	15300
Ion Ratio	Lower	Upper	
252	100		
253	25.5	28.5	42.7#
125	16.8	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





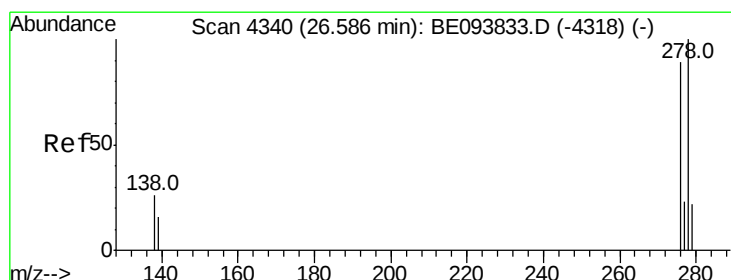
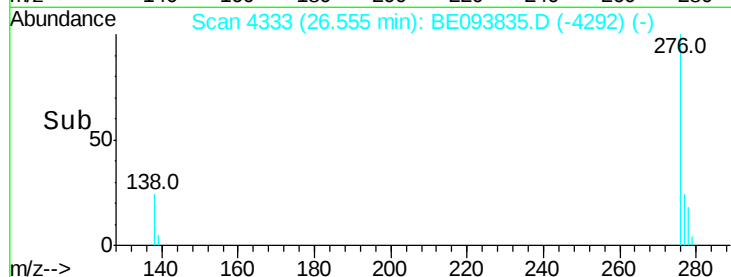
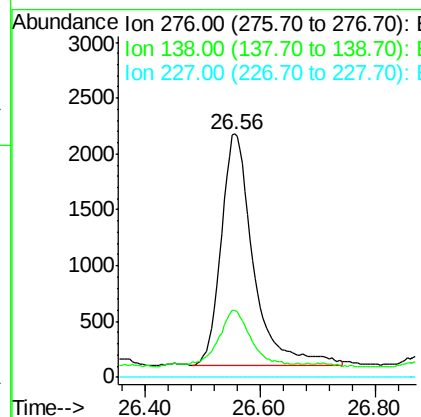
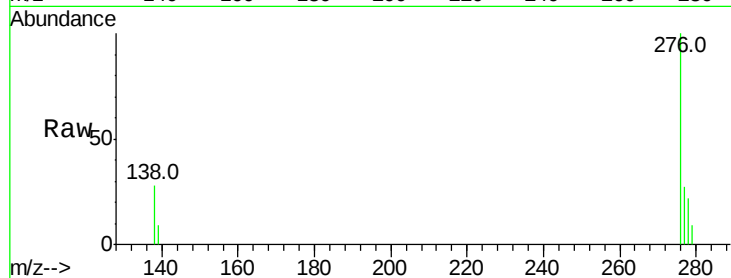
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.153 ng/ul
 RT: 26.56 min Scan# 4333
 Delta R.T. -0.01 min
 Lab File: BE093835.D
 Acq: 16 Aug 2017 11:39

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ1DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	8215		
138	25.2		28.0	42.0#
227	0.0		8.0	12.0#

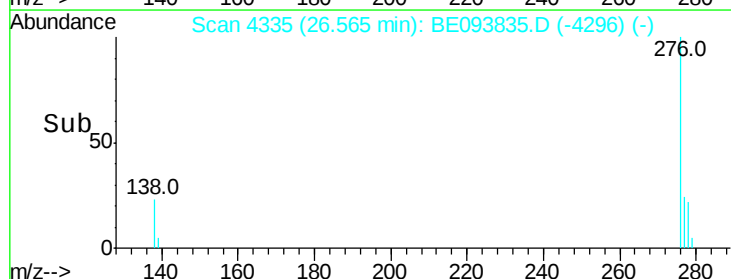
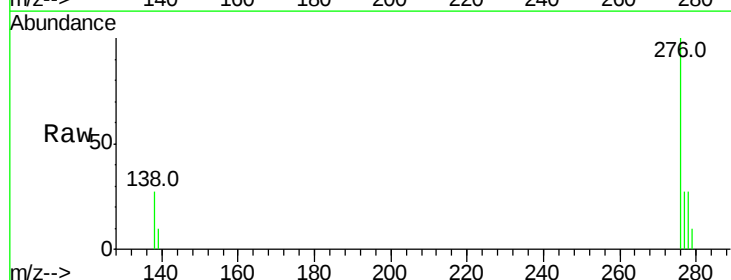
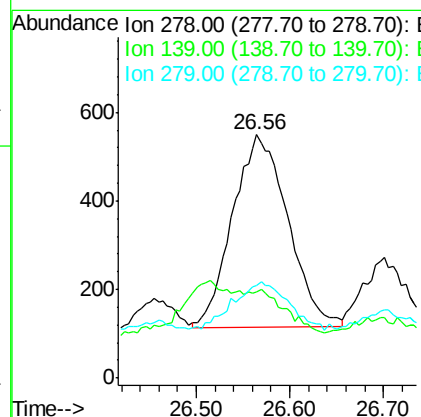
Manual Integrations
 APPROVED

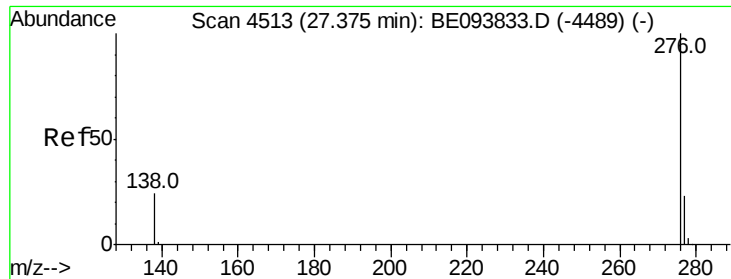
Sohil
 8/17/2017 5:59:20 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.040 ng/ul
 RT: 26.56 min Scan# 4335
 Delta R.T. -0.02 min
 Lab File: BE093835.D
 Acq: 16 Aug 2017 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	1790		
139	35.3		17.4	26.0#
279	37.8		25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 0.138 ng/ul
 RT: 27.38 min Scan# 4513
 Delta R.T. 0.00 min
 Lab File: BE093835.D
 Acq: 16 Aug 2017 11:39

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.8	32.8
277	27.4	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:20 PM

