

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093851.D
 Acq On : 16 Aug 2017 21:53
 Operator : SJ/JU
 Sample : I4672-18DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG2DL

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:45 PM

Quant Time: Aug 17 04:23:59 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	2298	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12378	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7135	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16016	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	17554	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	17263	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	661	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	1789	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	10694	0.355	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	7240	0.330	ng/ul	98
7) Acenaphthylene	14.24	152	4585	0.154	ng/ul	96
8) Acenaphthene	14.58	153	1884	0.080	ng/ul	97
9) Fluorene	15.57	166	2677	0.090	ng/ul	91
12) Phenanthrene	17.29	178	117176	2.686	ng/ul#	91
13) Anthracene	17.38	178	30735	0.723	ng/ul#	92
15) Fluoranthene	19.30	202	179376	3.288	ng/ul	84
17) Pyrene	19.66	202	152324	2.973	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	94382	1.854	ng/ul#	85
19) Chrysene	21.44	228	106811	2.188	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	153364m	2.872	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	50064m	0.951	ng/ul	
23) Benzo(a)pyrene	23.80	252	77223	1.520	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.55	276	55892	0.997	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.56	278	14426	0.308	ng/ul	95
26) Benzo(a,h,i)perylene	27.37	276	43243	0.915	ng/ul	98

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

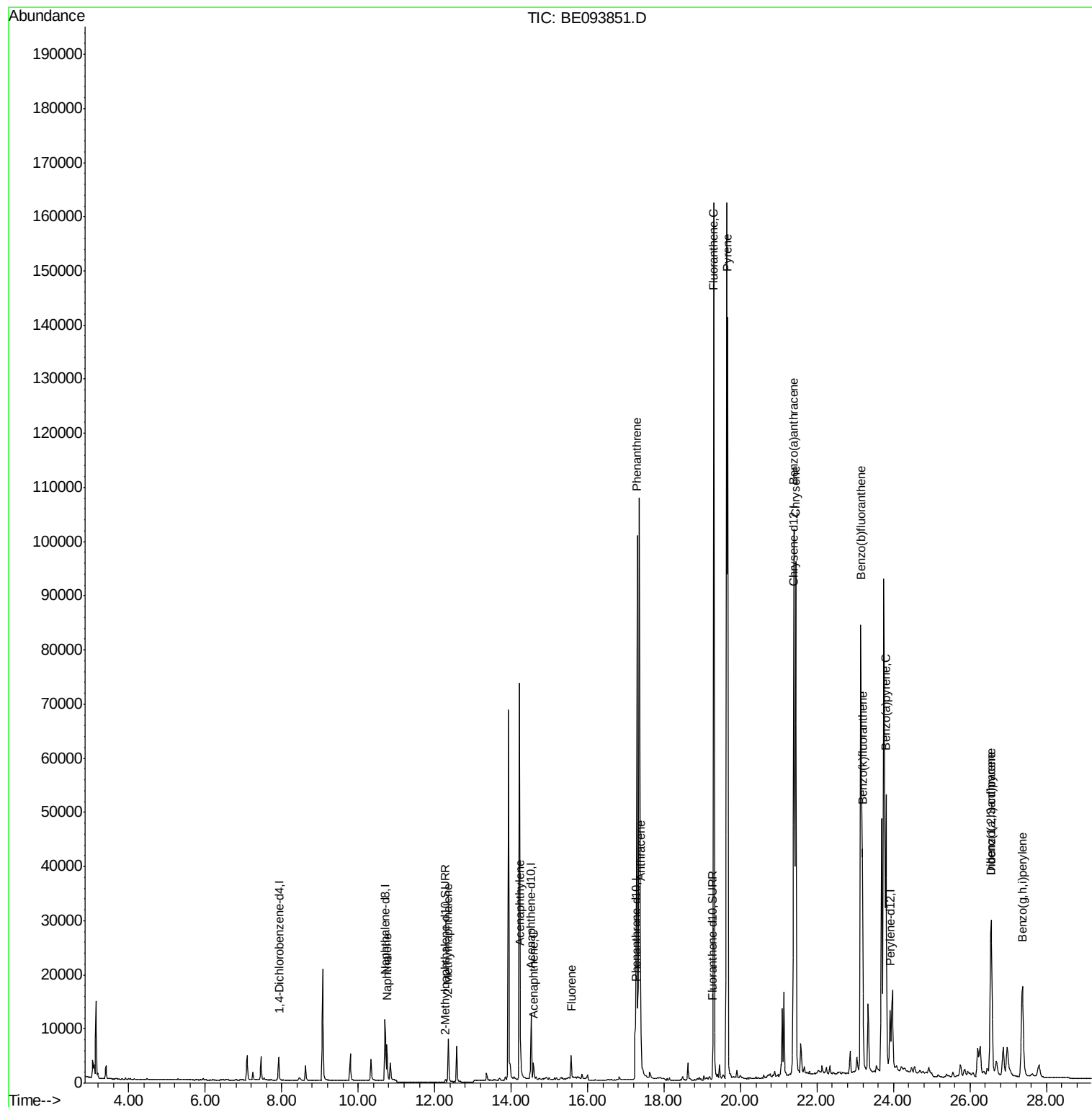
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093851.D
Acq On : 16 Aug 2017 21:53
Operator : SJ/JU
Sample : I4672-18DL 5X
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ALS Vial : 19 Sample Multiplier: 1

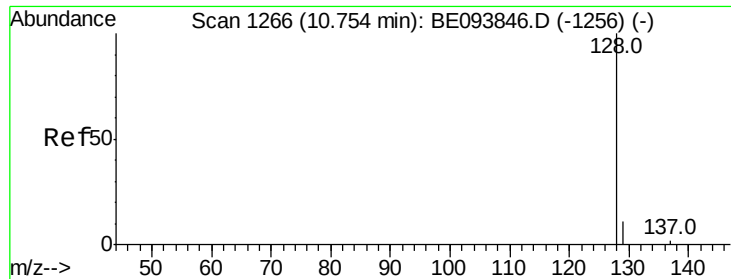
Instrument :
BNA_E
ClientSampleId :
C0AG2DL

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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QLast Update : Thu Aug 17 02:52:40 2017
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#3

Naphthalene

Concen: 0.355 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE093851.D

Acq: 16 Aug 2017 21:53

Instrument :

BNA_E

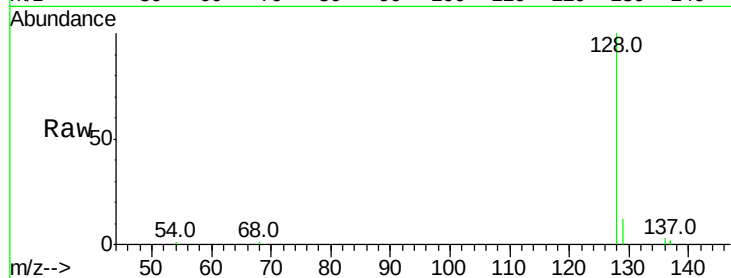
ClientSampleId :

C0AG2DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.3	16.9
127	0.0	4.0	6.0

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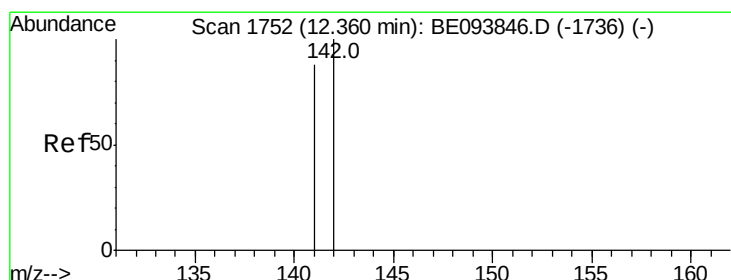
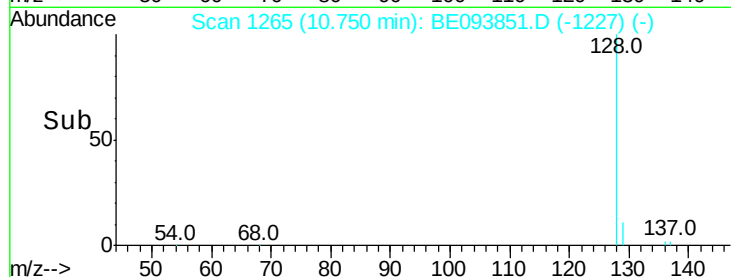
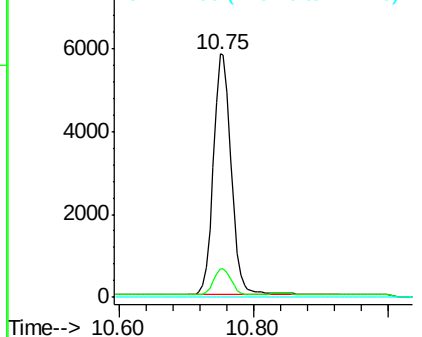
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.330 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

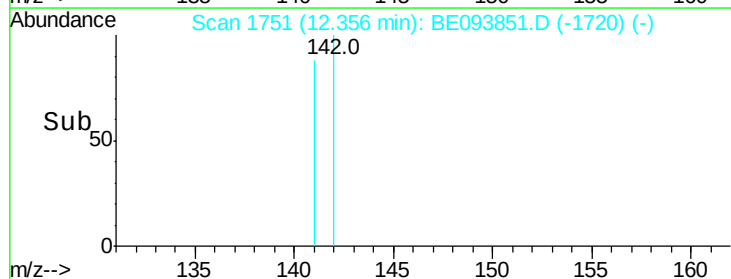
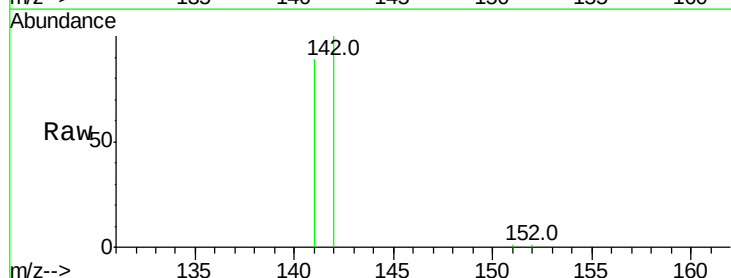
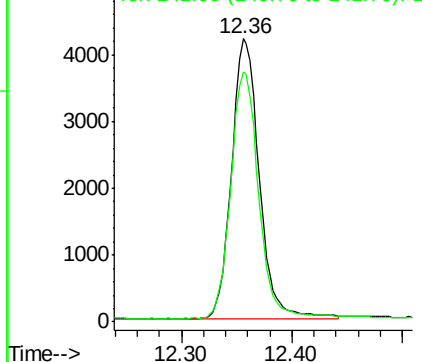
Lab File: BE093851.D

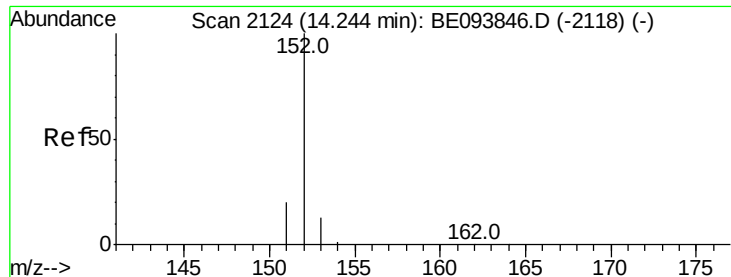
Acq: 16 Aug 2017 21:53

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: 0.154 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093851.D

Acq: 16 Aug 2017 21:53

Instrument :

BNA_E

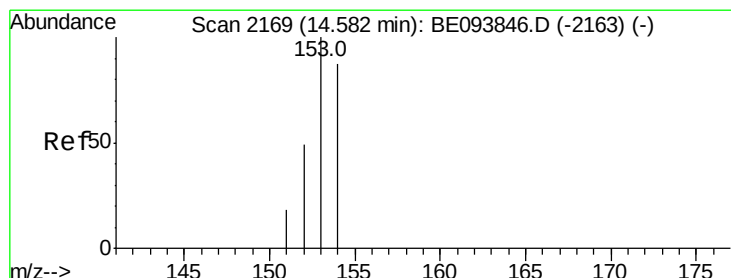
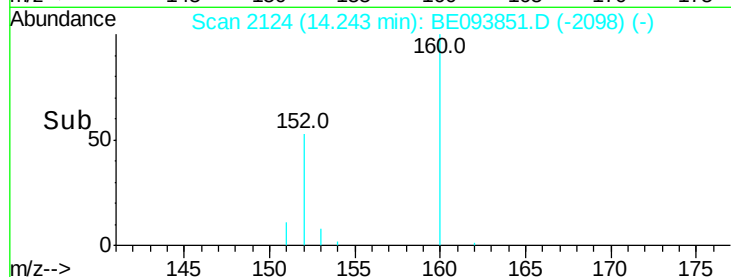
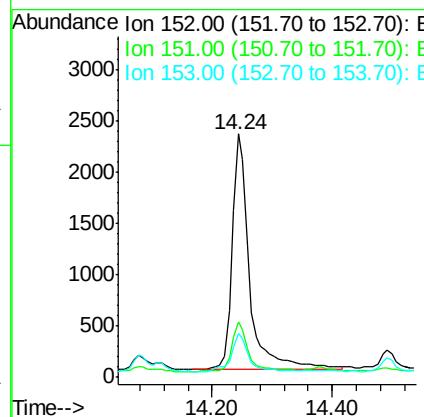
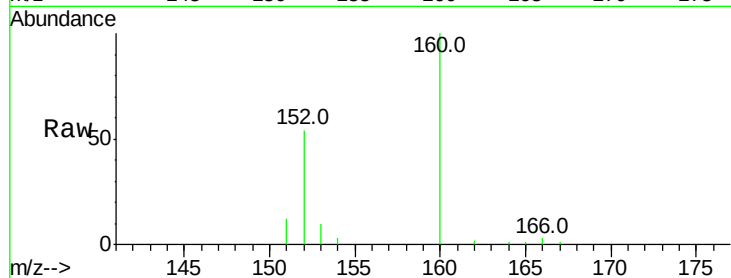
ClientSampleId :

C0AG2DL

Tot Ion:	152	Resp:	4585
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.1	25.7
153	18.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.080 ng/ul

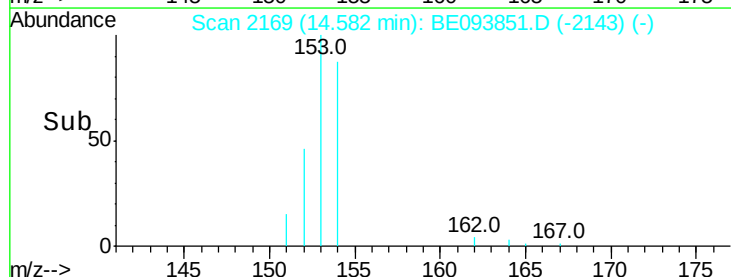
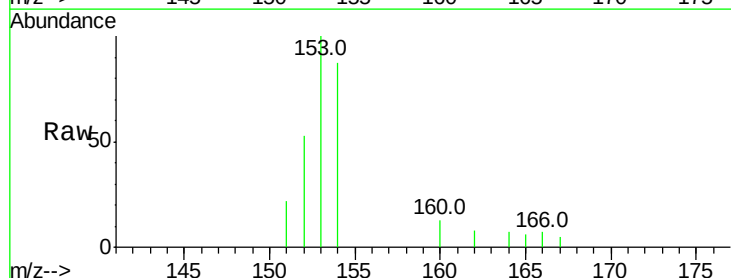
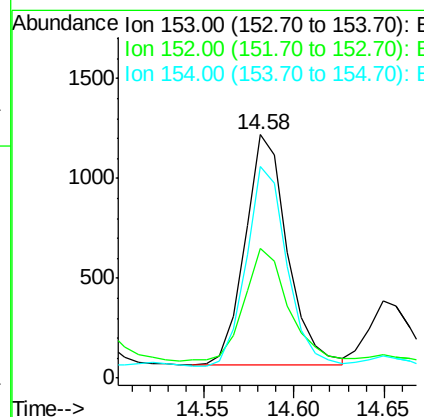
RT: 14.58 min Scan# 2169

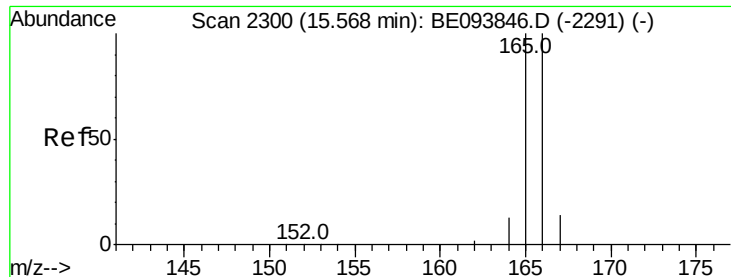
Delta R.T. -0.00 min

Lab File: BE093851.D

Acq: 16 Aug 2017 21:53

Tgt Ion:	153	Resp:	1884
Ion Ratio	Lower	Upper	
153	100		
152	53.1	40.3	60.5
154	86.8	71.4	107.2





#9

Fluorene

Concen: 0.090 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BE093851.D

Acq: 16 Aug 2017 21:53

Instrument :

BNA_E

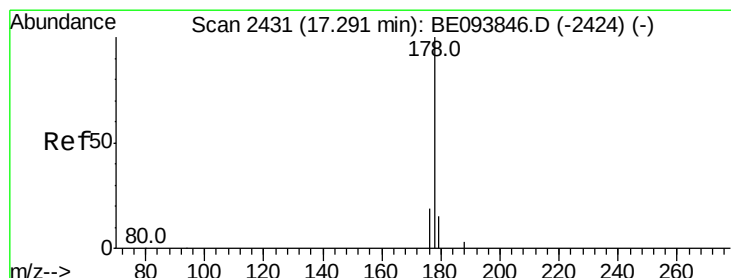
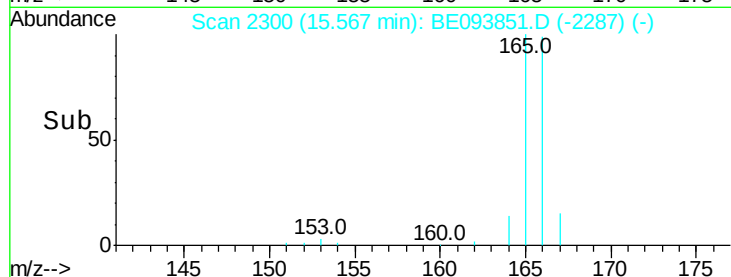
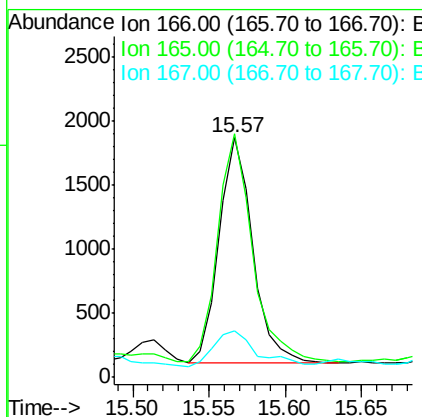
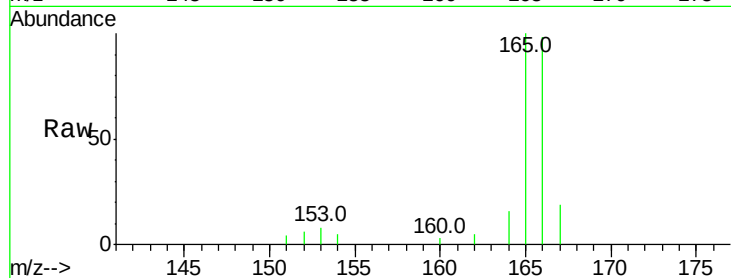
ClientSampled :

C0AG2DL

Tot Ion:	166	Resp:	2677
Ion Ratio	Lower	Upper	
166	100		
165	101.7	73.4	110.2
167	19.2	14.6	22.0

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#12

Phenanthrene

Concen: 2.686 ng/ul

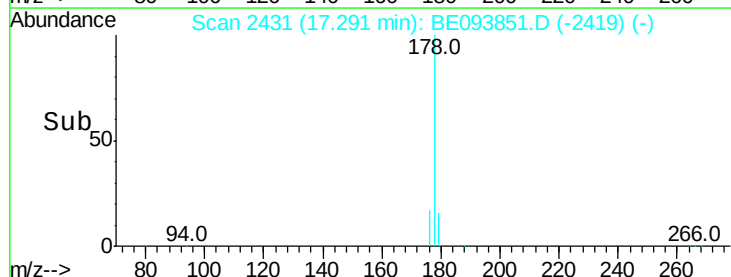
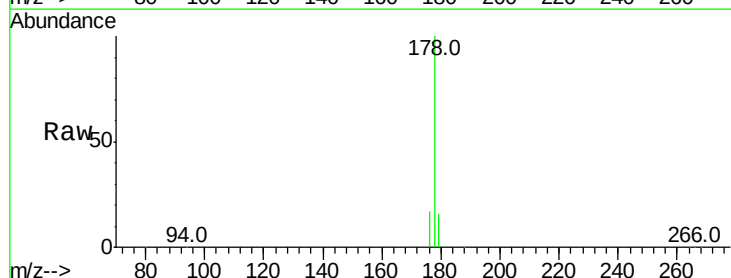
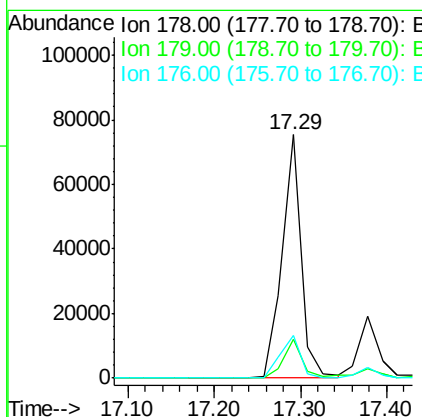
RT: 17.29 min Scan# 2431

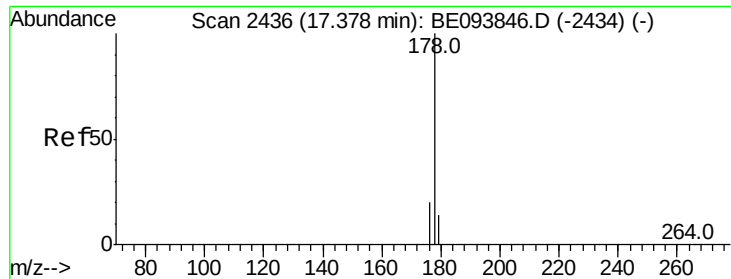
Delta R.T. 0.00 min

Lab File: BE093851.D

Acq: 16 Aug 2017 21:53

Tgt Ion:	178	Resp:	117176
Ion Ratio	Lower	Upper	
178	100		
179	15.9	18.4	27.6#
176	17.4	13.6	20.4





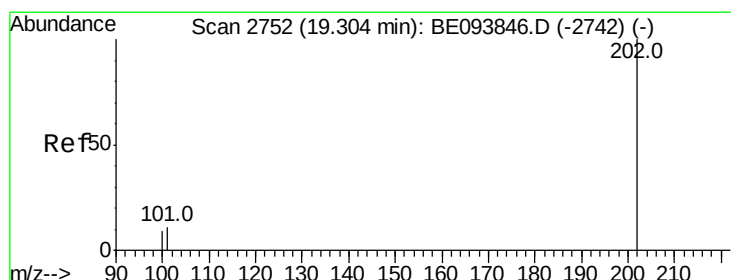
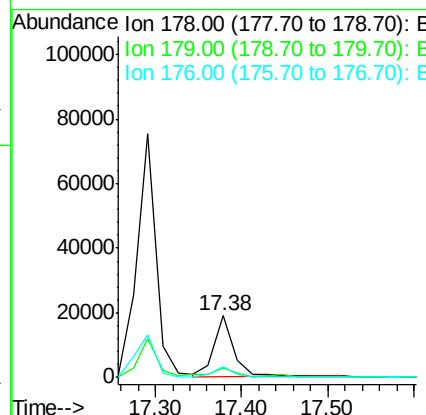
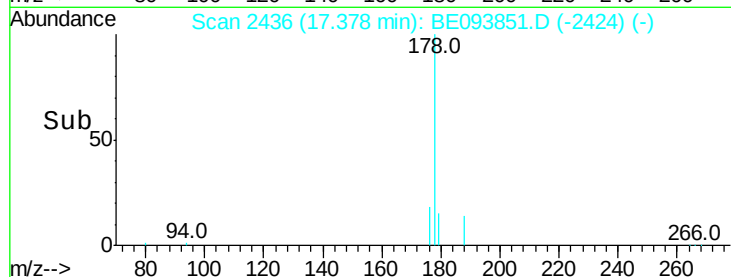
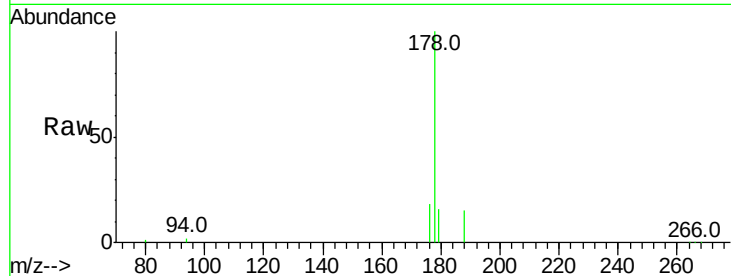
#13
 Anthracene
 Concen: 0.723 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE093851.D
 Acq: 16 Aug 2017 21:53

Instrument :
 BNA_E
 ClientSampleId :
 C0AG2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	18.1	14.7	22.1

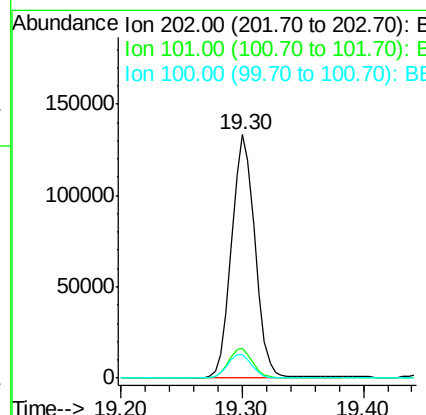
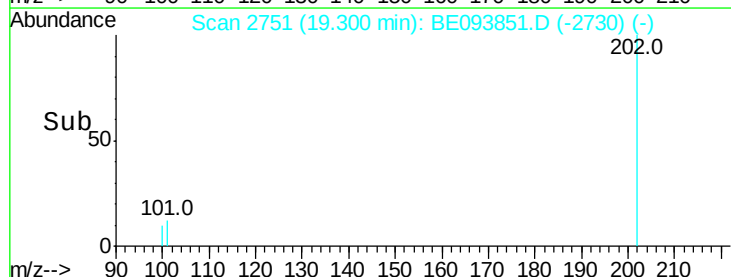
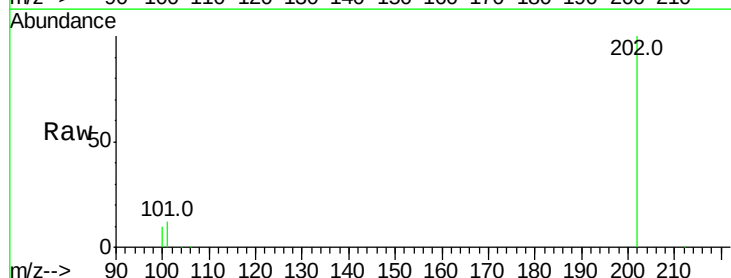
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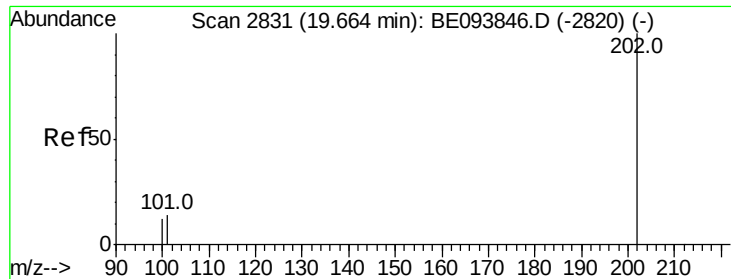
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#15
 Fluoranthene
 Concen: 3.288 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE093851.D
 Acq: 16 Aug 2017 21:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.3
100	9.6	0.0	39.5





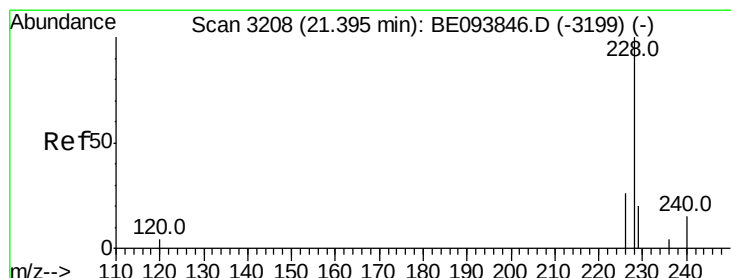
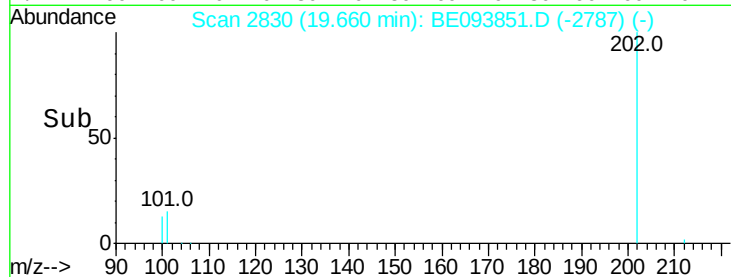
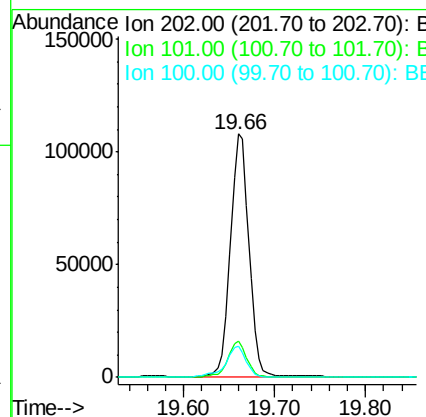
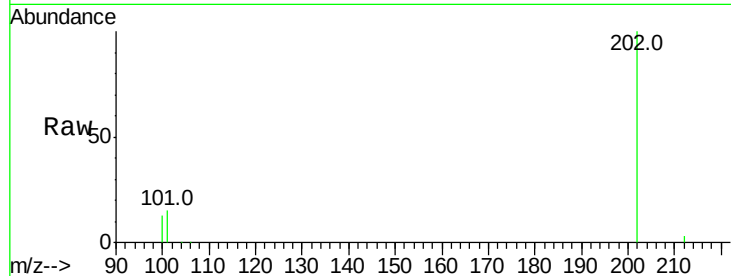
#17
Pvrene
Concen: 2.973 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE093851.D
Acq: 16 Aug 2017 21:53

Instrument :
BNA_E
ClientSampleId :
C0AG2DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	18.2	27.4#
100	13.0	15.6	23.4#

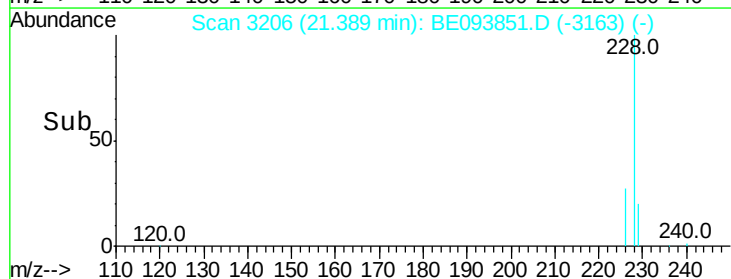
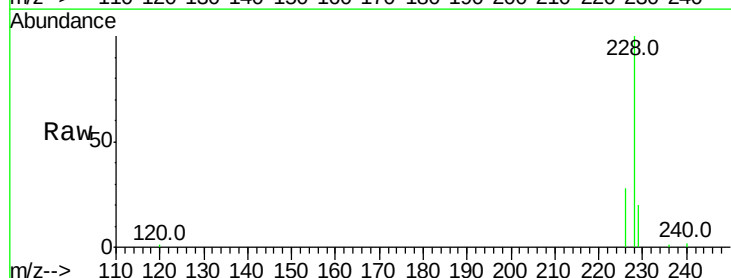
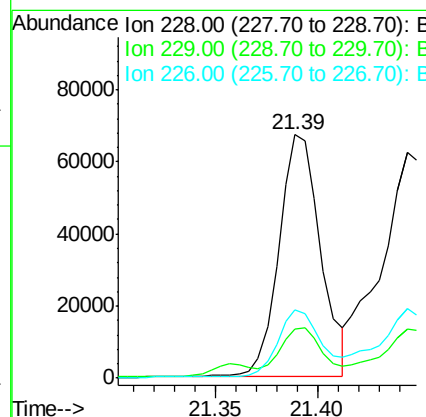
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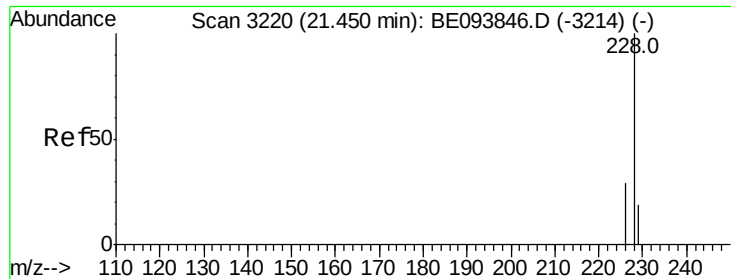
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#18
Benzo(a)anthracene
Concen: 1.854 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BE093851.D
Acq: 16 Aug 2017 21:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	27.9	17.0	25.6#





#19

Chrysene

Concen: 2.188 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE093851.D

Acq: 16 Aug 2017 21:53

Instrument :

BNA_E

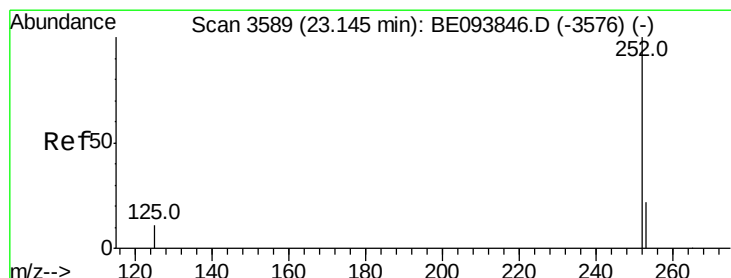
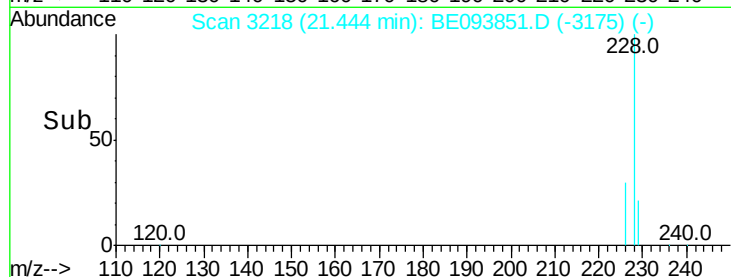
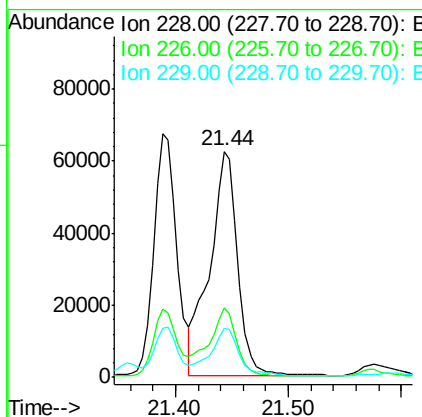
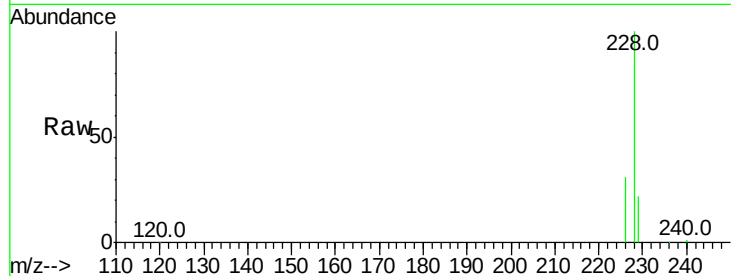
ClientSampleId :

C0AG2DL

Tot Ion:	228	Resp:	106811
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	21.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.872 ng/ul m

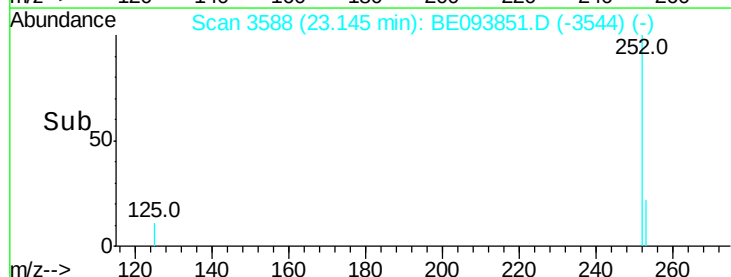
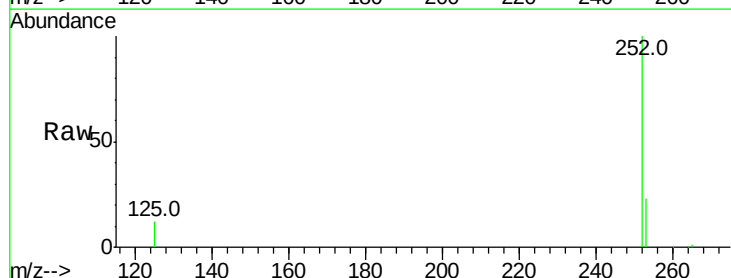
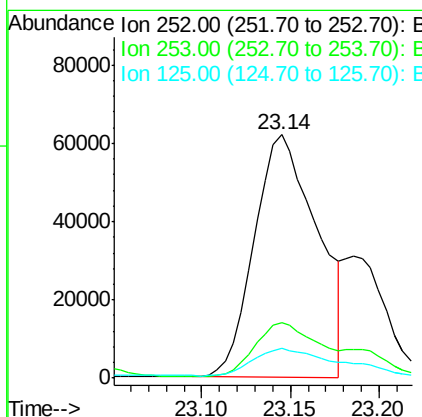
RT: 23.14 min Scan# 3588

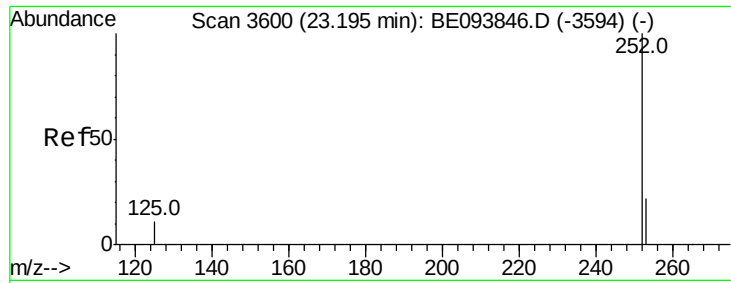
Delta R.T. 0.00 min

Lab File: BE093851.D

Acq: 16 Aug 2017 21:53

Tgt Ion:	252	Resp:	153364
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	64.2
125	12.1	0.0	35.0





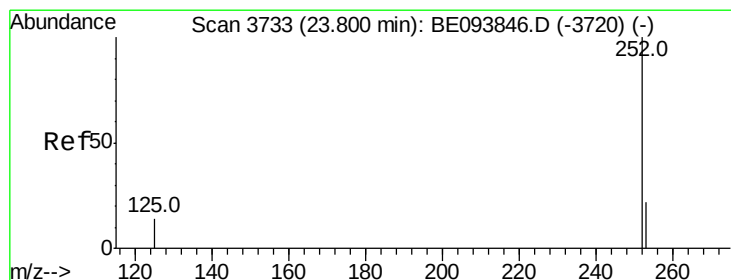
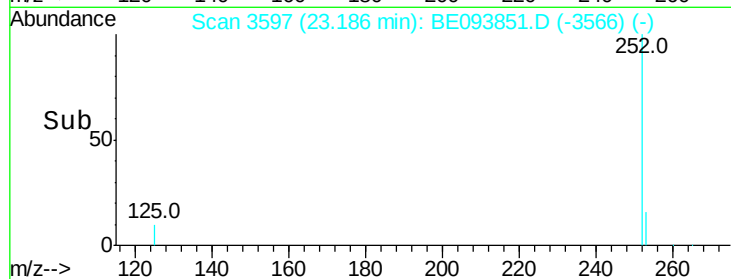
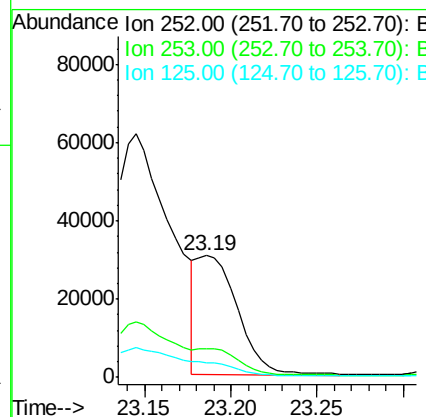
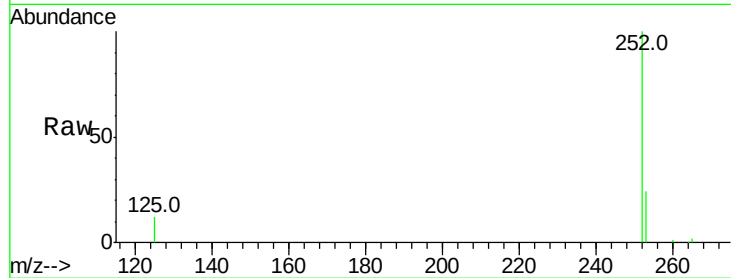
#22
Benzo(k)fluoranthene
Concen: 0.951 ng/ul m
RT: 23.19 min Scan# 3597
Delta R.T. -0.01 min
Lab File: BE093851.D
Acq: 16 Aug 2017 21:53

Instrument :
BNA_E
ClientSampleId :
C0AG2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	12.3	13.7	20.5#

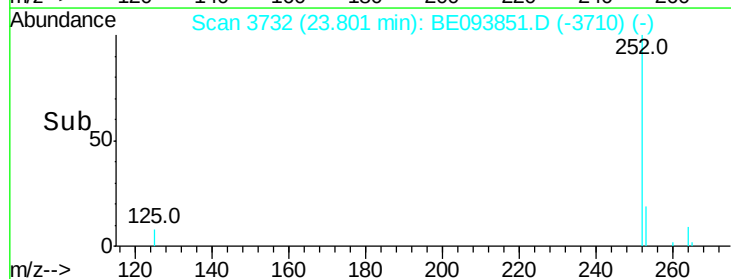
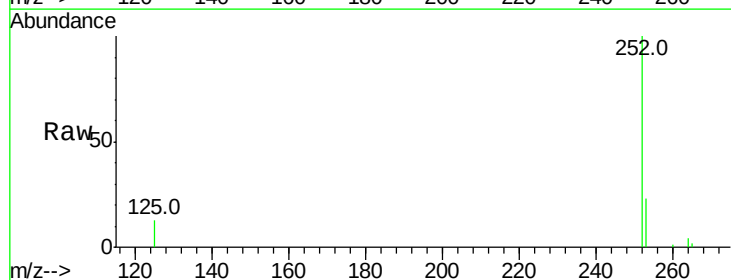
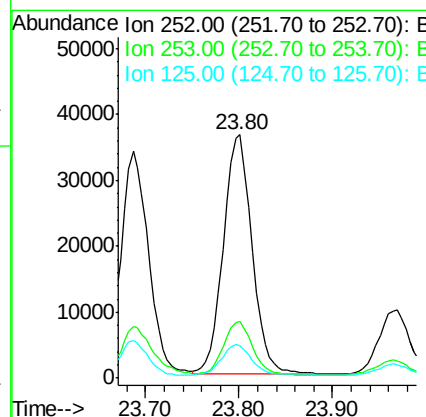
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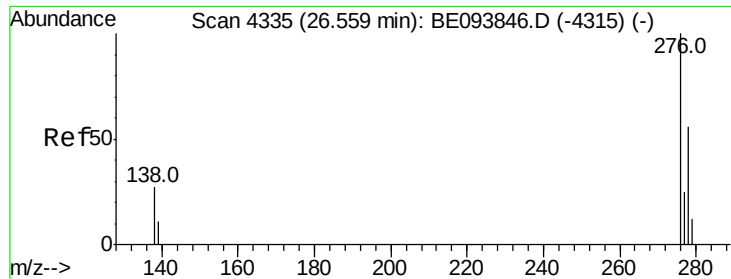
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#23
Benzo(a)pyrene
Concen: 1.520 ng/ul
RT: 23.80 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BE093851.D
Acq: 16 Aug 2017 21:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	13.3	18.1	27.1#





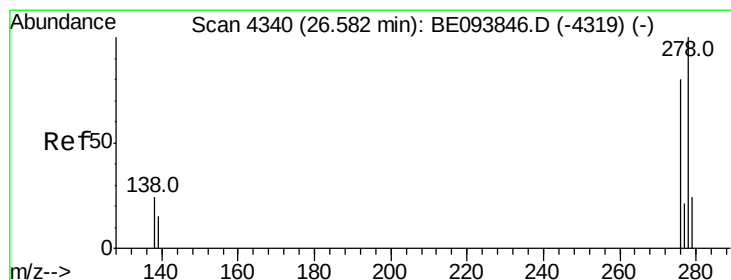
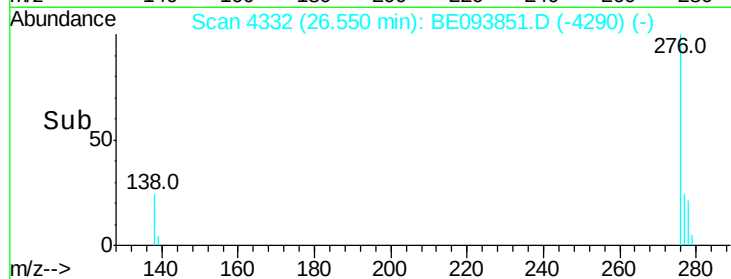
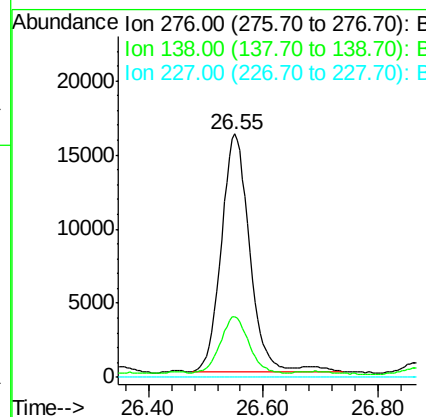
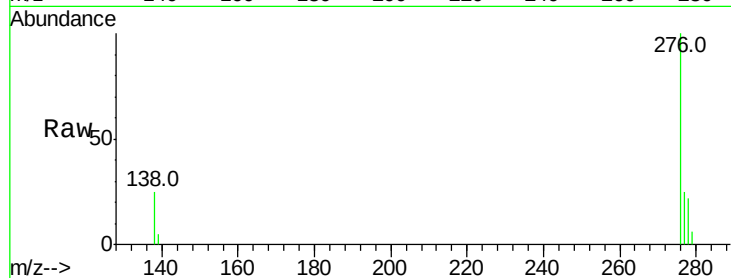
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.997 ng/ul
 RT: 26.55 min Scan# 4332
 Delta R.T. -0.01 min
 Lab File: BE093851.D
 Acq: 16 Aug 2017 21:53

Instrument :
 BNA_E
 ClientSampleId :
 C0AG2DL

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

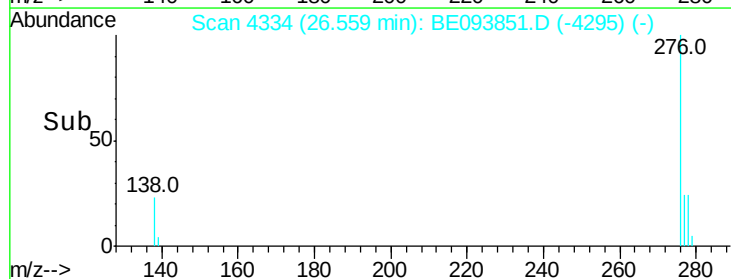
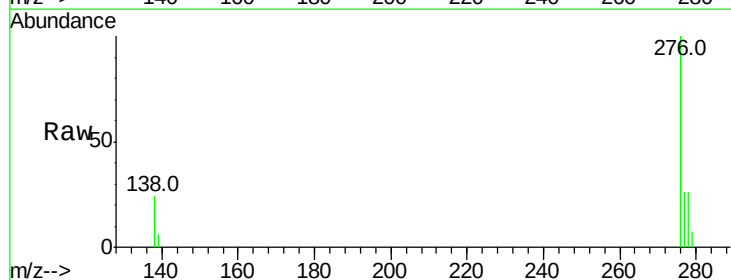
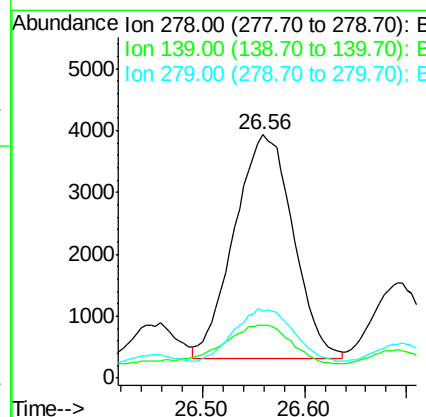
Manual Integrations
 APPROVED

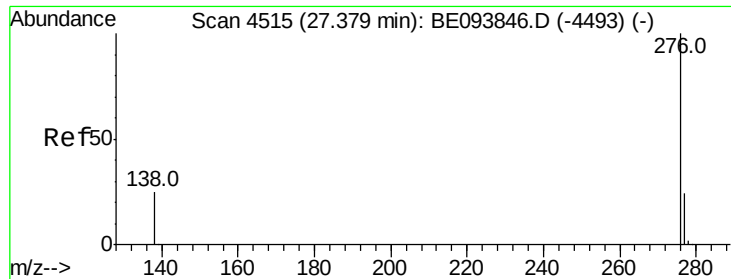
Sohil
 8/17/2017 5:59:45 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.308 ng/ul
 RT: 26.56 min Scan# 4334
 Delta R.T. -0.02 min
 Lab File: BE093851.D
 Acq: 16 Aug 2017 21:53

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	21.8	17.4	26.0
279	27.4	25.9	38.9





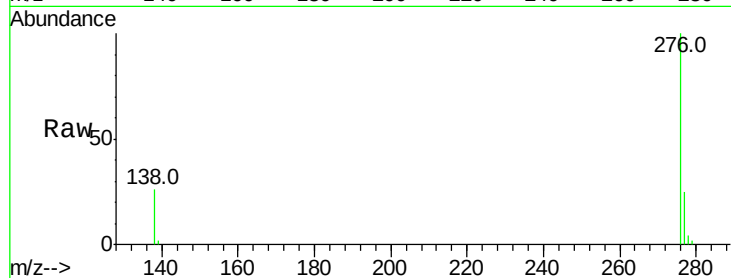
#26
 Benzo(a,h,i)perylene
 Concen: 0.915 ng/ul
 RT: 27.37 min Scan# 4512
 Delta R.T. -0.01 min
 Lab File: BE093851.D
 Acq: 16 Aug 2017 21:53

Instrument :
 BNA_E
 ClientSampleId :
 C0AG2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.8	32.8
277	24.7	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:45 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

