

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093848.D
 Acq On : 16 Aug 2017 20:03
 Operator : SJ/JU
 Sample : I4672-06DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH4DL

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:40 PM

Quant Time: Aug 17 03:52:18 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	2761	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	15042	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8574	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19318	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	20554	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	20325	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	770	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	1946	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	2703	0.074	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	1857	0.070	ng/ul	98
7) Acenaphthylene	14.24	152	2951	0.082	ng/ul	98
12) Phenanthrene	17.29	178	12643	0.240	ng/ul#	91
13) Anthracene	17.38	178	3591	0.070	ng/ul#	92
15) Fluoranthene	19.30	202	48248	0.733	ng/ul	84
17) Pyrene	19.66	202	45280	0.755	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	28748	0.482	ng/ul#	85
19) Chrysene	21.44	228	28969	0.507	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	37641m	0.599	ng/ul	
22) Benzo(k)fluoranthene	23.18	252	15927m	0.257	ng/ul	
23) Benzo(a)pyrene	23.80	252	24411	0.408	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.55	276	15494	0.235	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.57	278	4074	0.074	ng/ul#	91
26) Benzo(g,h,i)perylene	27.37	276	12438	0.224	ng/ul	98

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

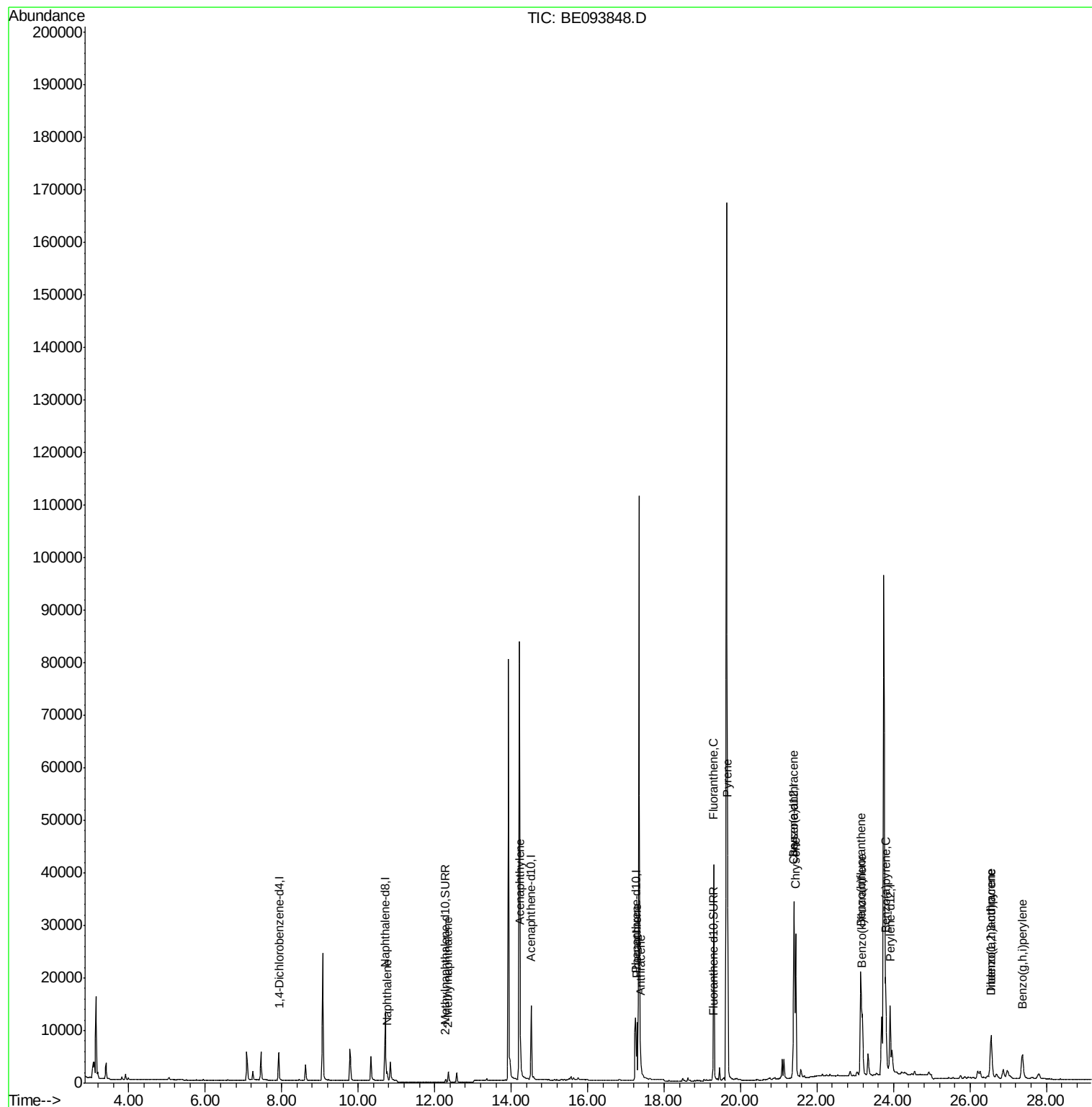
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093848.D
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Sample : I4672-06DL 5X
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ALS Vial : 16 Sample Multiplier: 1

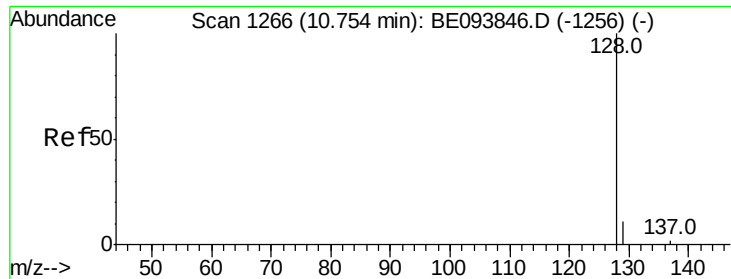
Instrument :
BNA_E
ClientSampleId :
C0AH4DL

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Quant Time: Aug 17 03:52:18 2017
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: 0.074 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093848.D

Acq: 16 Aug 2017 20:03

Instrument :

BNA_E

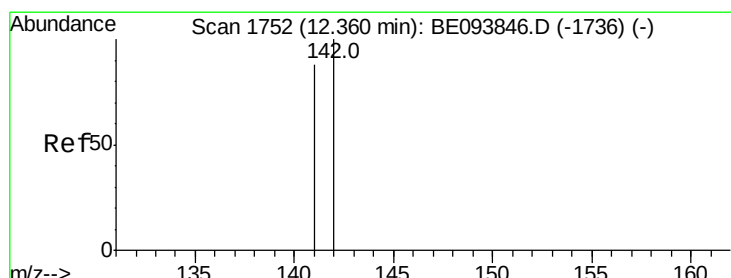
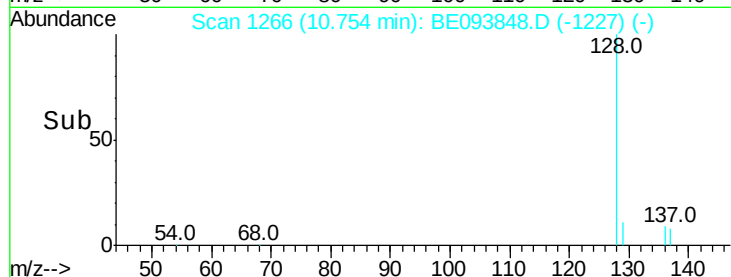
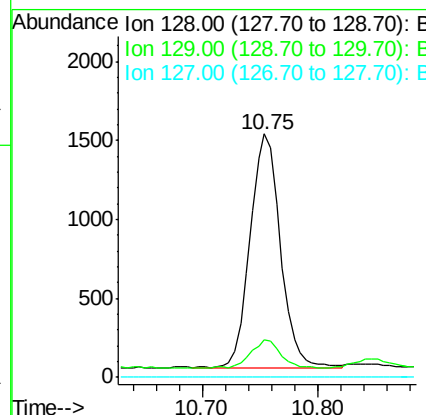
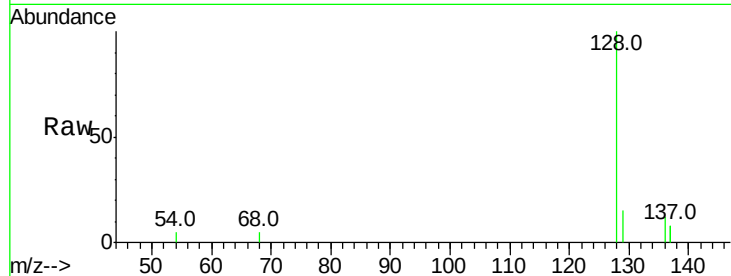
ClientSampleId :

C0AH4DL

Tot Ion:	128	Resp:	2703
Ion	Ratio	Lower	Upper
128	100		
129	15.4	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.070 ng/ul

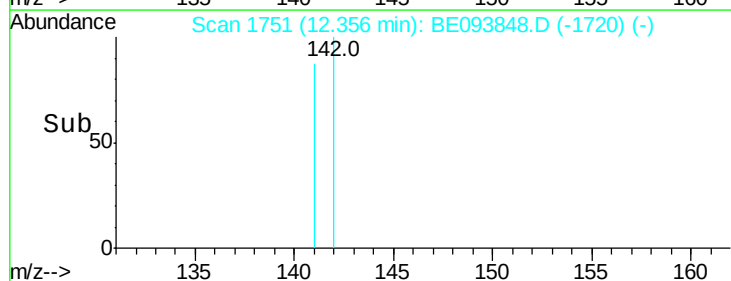
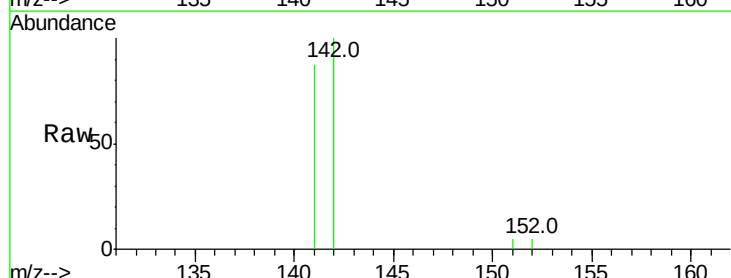
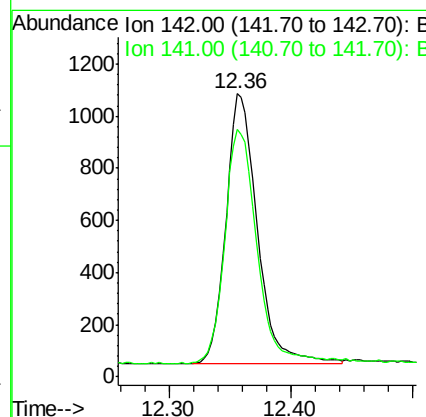
RT: 12.36 min Scan# 1751

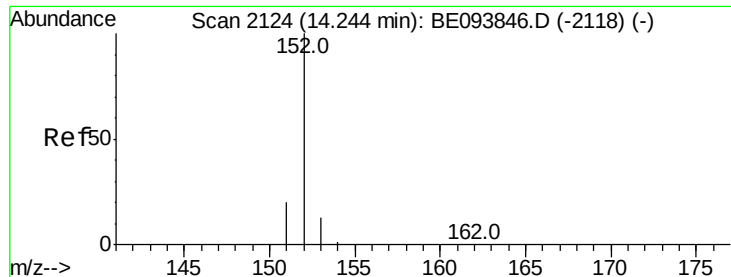
Delta R.T. -0.00 min

Lab File: BE093848.D

Acq: 16 Aug 2017 20:03

Tgt Ion:	142	Resp:	1857
Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.082 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093848.D

Acq: 16 Aug 2017 20:03

Instrument :

BNA_E

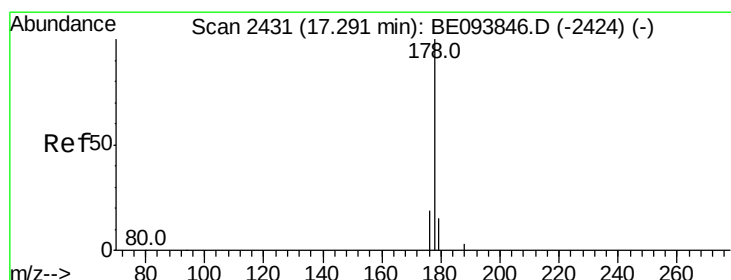
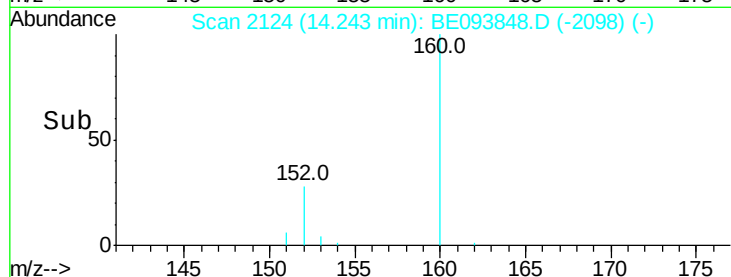
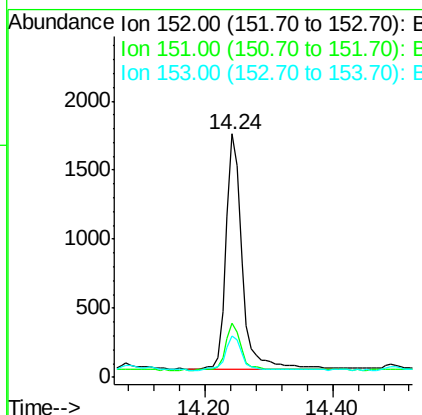
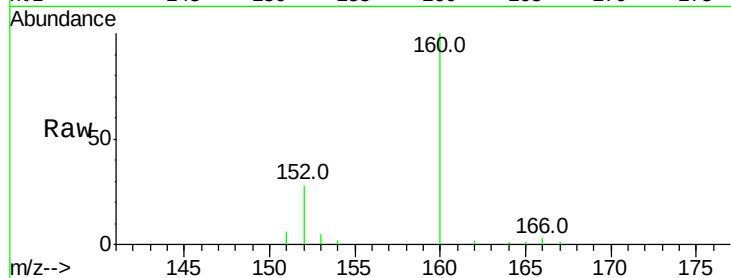
ClientSampleId :

C0AH4DL

Tot Ion:	152	Resp:	2951
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.1	25.7
153	16.8	12.8	19.2

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#12

Phenanthrene

Concen: 0.240 ng/ul

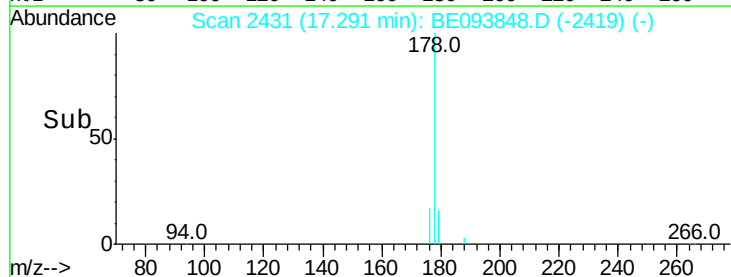
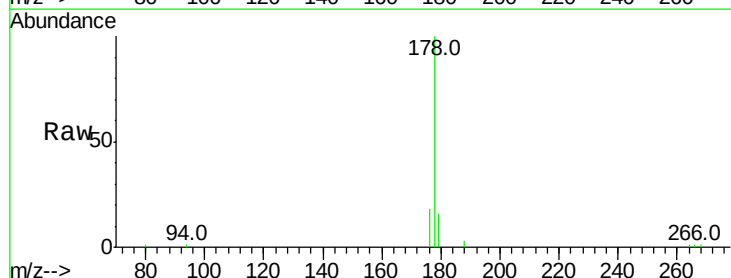
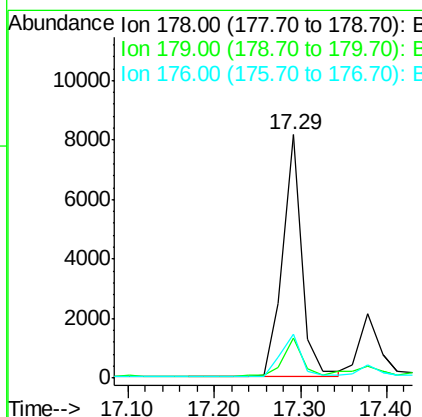
RT: 17.29 min Scan# 2431

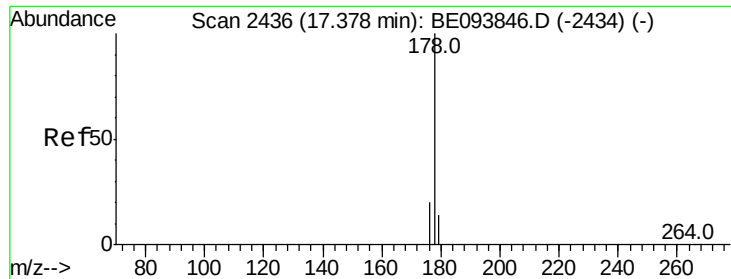
Delta R.T. 0.00 min

Lab File: BE093848.D

Acq: 16 Aug 2017 20:03

Tgt Ion:	178	Resp:	12643
Ion Ratio	Lower	Upper	
178	100		
179	16.5	18.4	27.6#
176	18.0	13.6	20.4





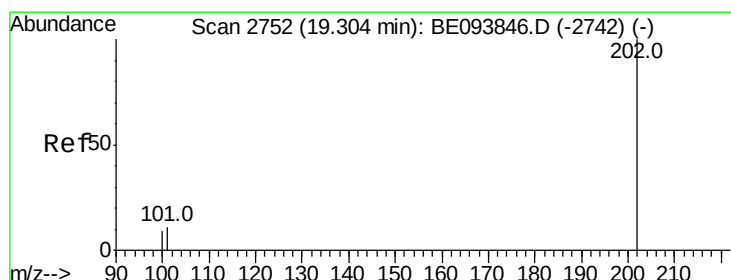
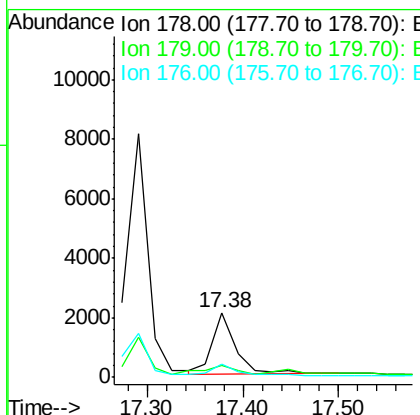
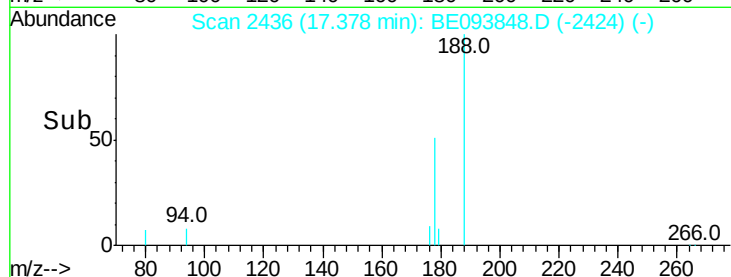
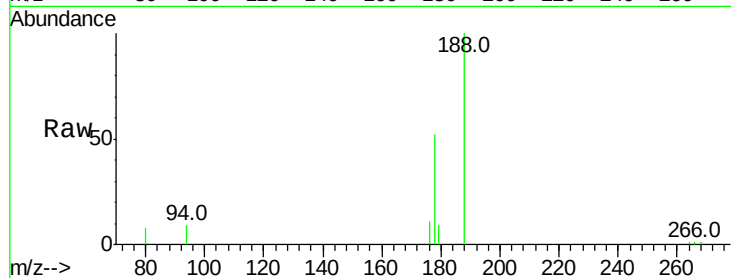
#13
 Anthracene
 Concen: 0.070 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE093848.D
 Acq: 16 Aug 2017 20:03

Instrument :
 BNA_E
 ClientSampled :
 C0AH4DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.0	18.1	27.1#
176	20.7	14.7	22.1

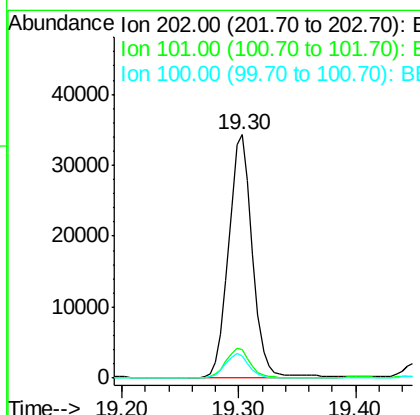
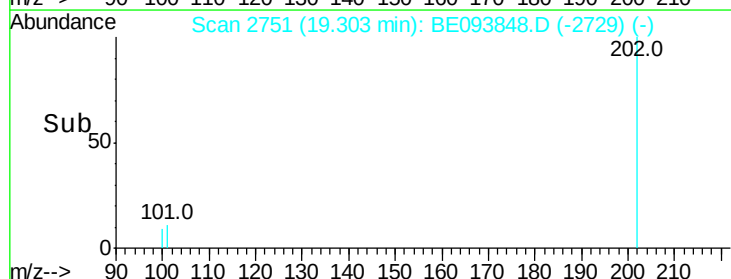
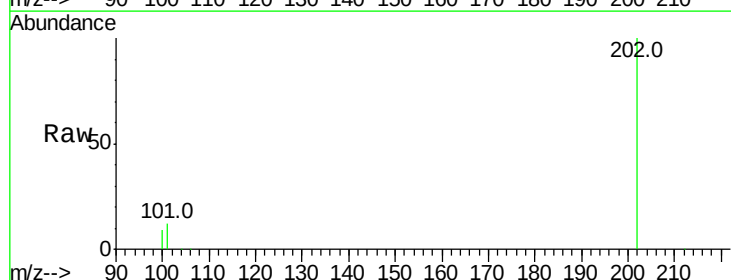
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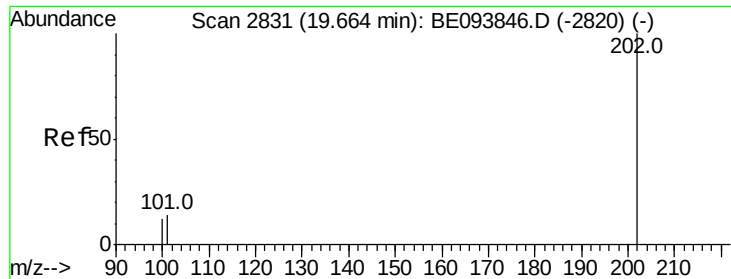
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#15
 Fluoranthene
 Concen: 0.733 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE093848.D
 Acq: 16 Aug 2017 20:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	9.1	0.0	39.5





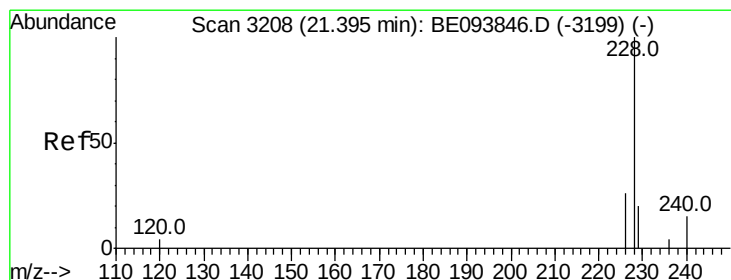
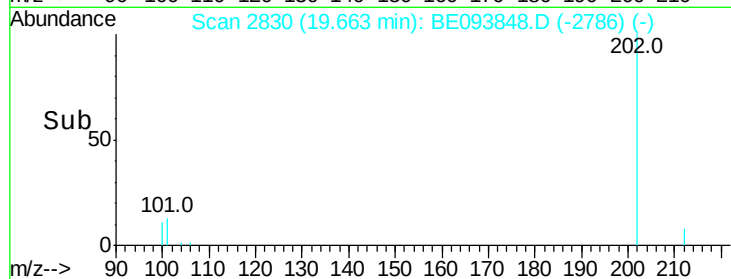
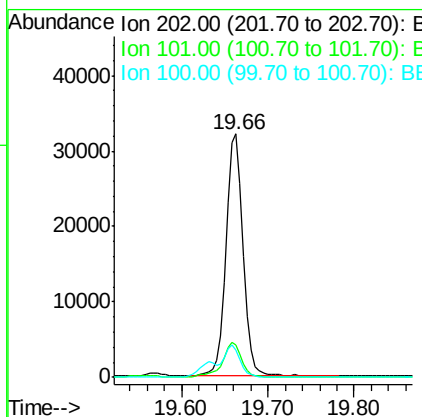
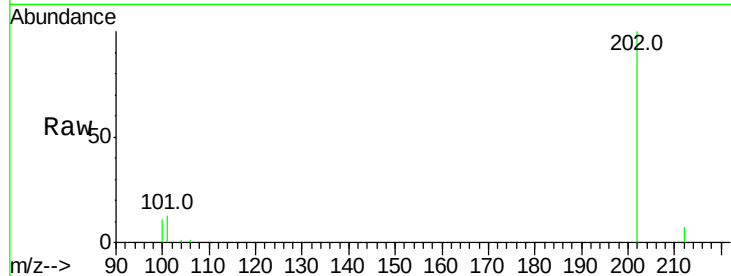
#17
 Pyrene
 Concen: 0.755 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BE093848.D
 Acq: 16 Aug 2017 20:03

Instrument :
 BNA_E
 ClientSampleId :
 C0AH4DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	18.2	27.4#
100	11.3	15.6	23.4#

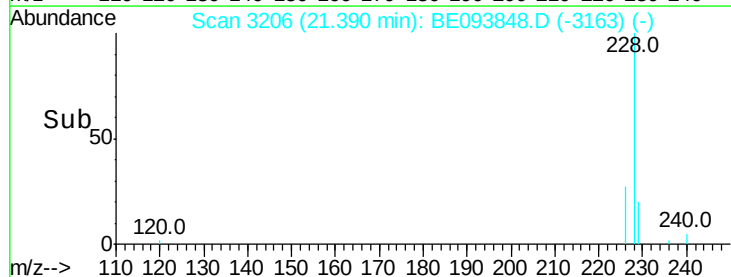
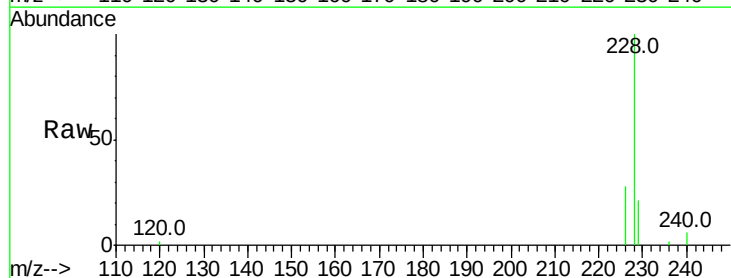
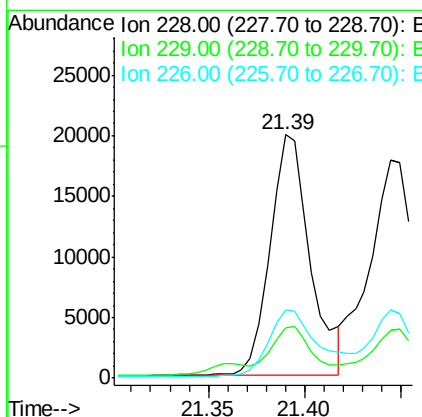
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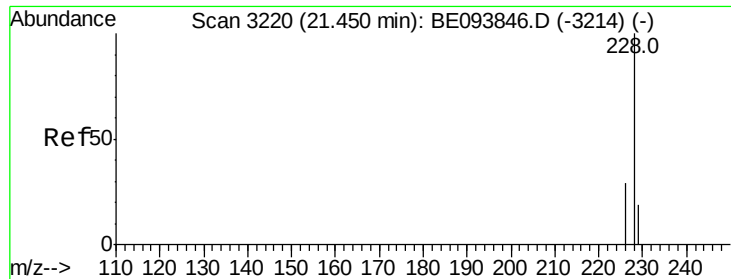
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#18
 Benzo(a)anthracene
 Concen: 0.482 ng/ul
 RT: 21.39 min Scan# 3206
 Delta R.T. -0.01 min
 Lab File: BE093848.D
 Acq: 16 Aug 2017 20:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	28.2	17.0	25.6#





#19

Chrysene

Concen: 0.507 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE093848.D

Acq: 16 Aug 2017 20:03

Instrument :

BNA_E

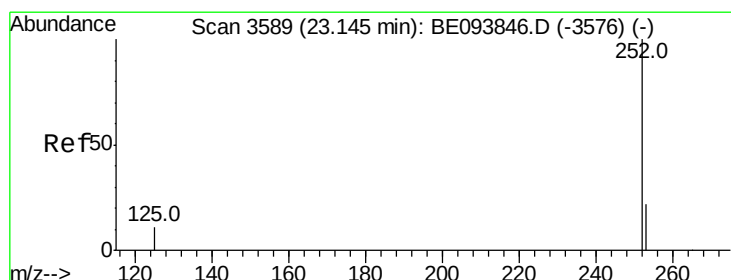
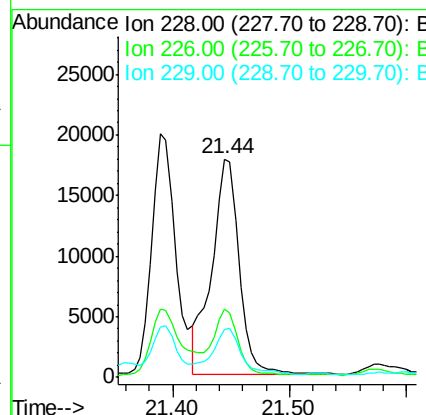
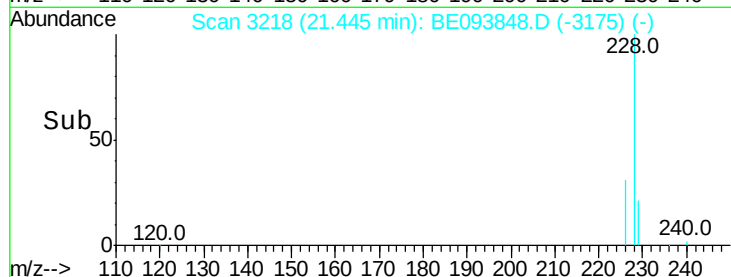
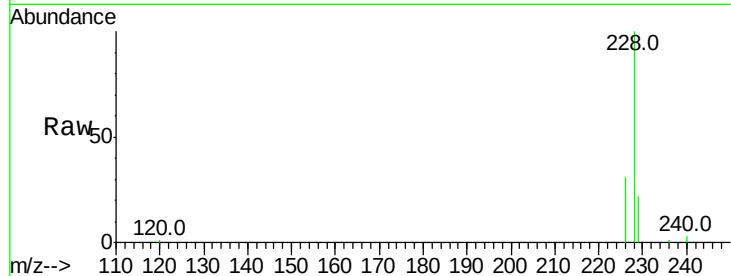
ClientSampled :

C0AH4DL

Tot Ion:228	Resp:	28969
Ion Ratio	Lower	Upper
228 100		
226 31.2	23.4	35.0
229 22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.599 ng/ul m

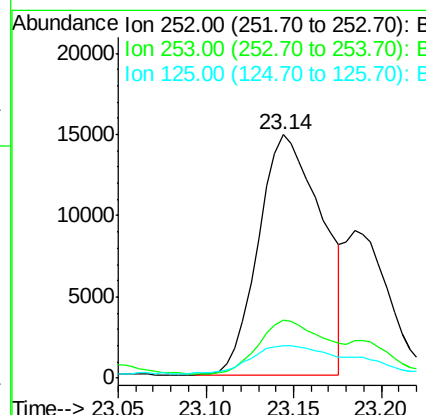
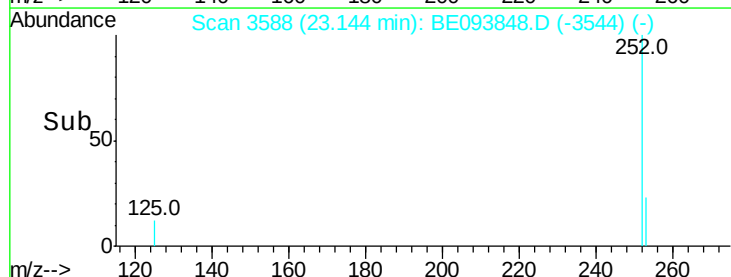
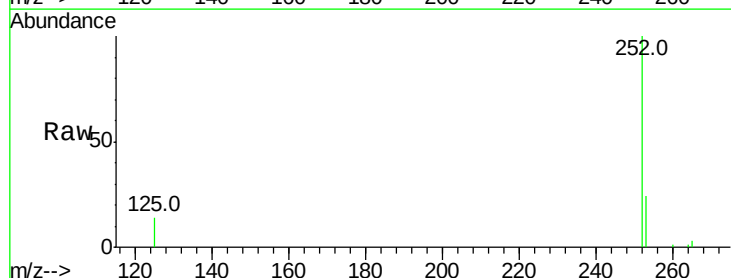
RT: 23.14 min Scan# 3588

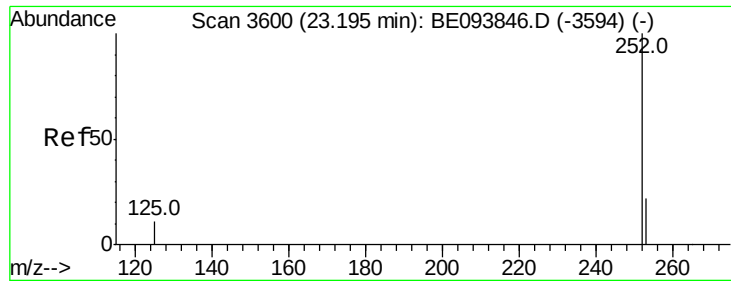
Delta R.T. -0.00 min

Lab File: BE093848.D

Acq: 16 Aug 2017 20:03

Tgt Ion:252	Resp:	37641
Ion Ratio	Lower	Upper
252 100		
253 23.9	0.0	64.2
125 13.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.257 ng/ul m

RT: 23.18 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BE093848.D

Acq: 16 Aug 2017 20:03

Instrument :

BNA_E

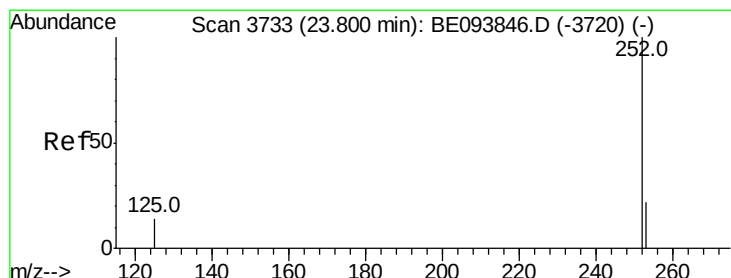
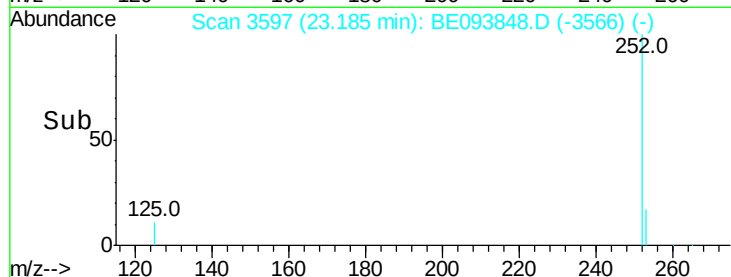
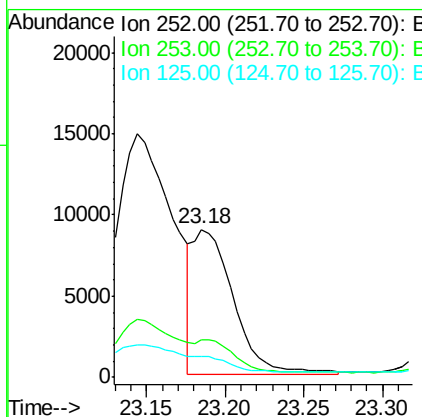
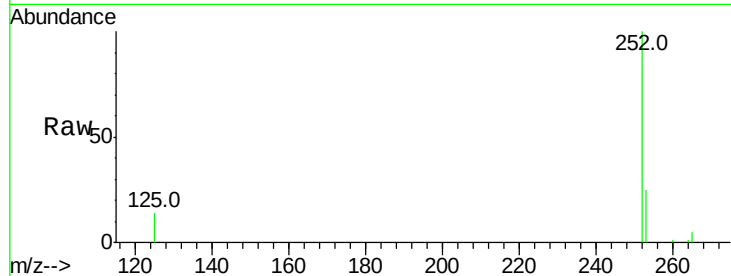
ClientSampleId :

C0AH4DL

Tot Ion:252	Resp:	15927
Ion Ratio	Lower	Upper
252	100	
253	25.3	24.5 36.7
125	14.4	13.7 20.5

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#23

Benzo(a)pyrene

Concen: 0.408 ng/ul

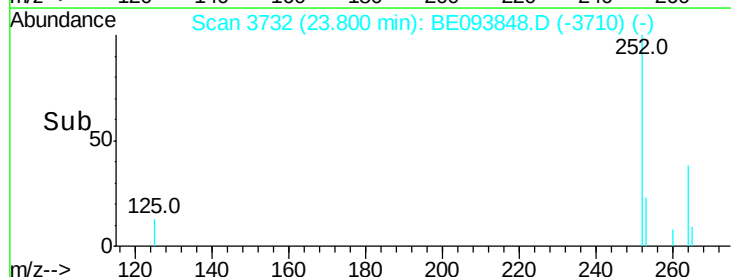
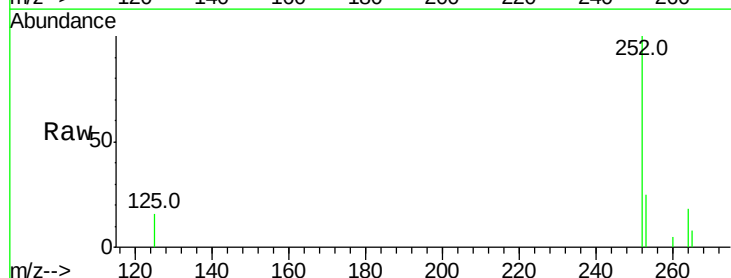
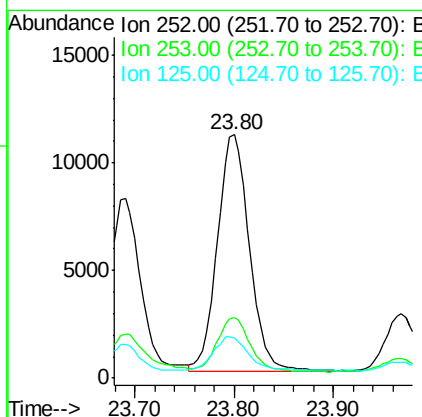
RT: 23.80 min Scan# 3732

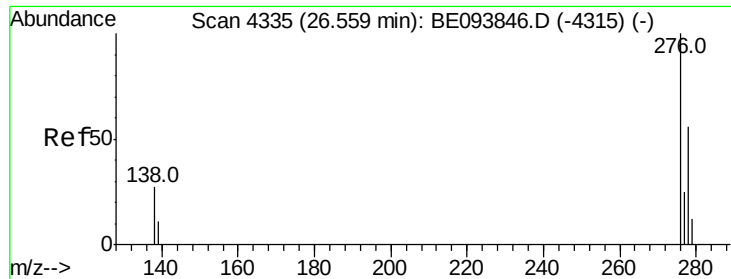
Delta R.T. -0.00 min

Lab File: BE093848.D

Acq: 16 Aug 2017 20:03

Tgt Ion:252	Resp:	24411
Ion Ratio	Lower	Upper
252	100	
253	25.1	28.5 42.7#
125	16.3	18.1 27.1#





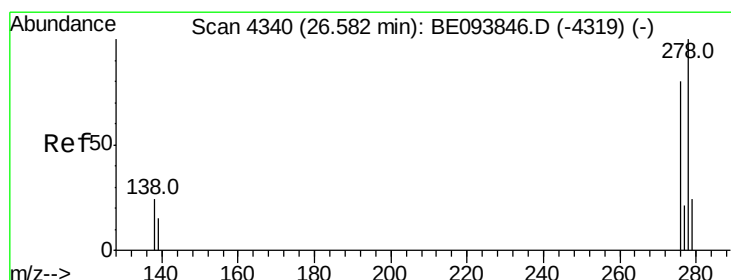
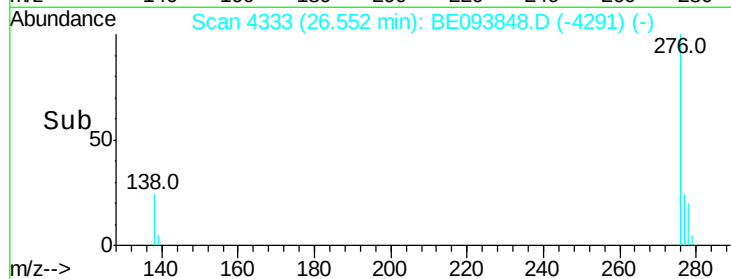
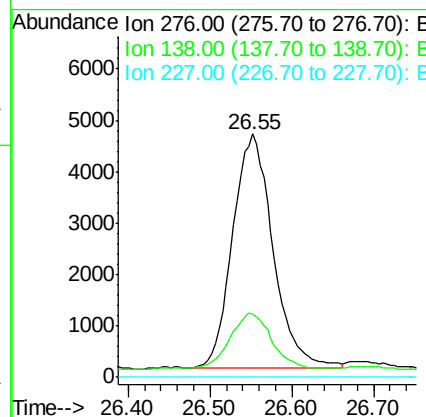
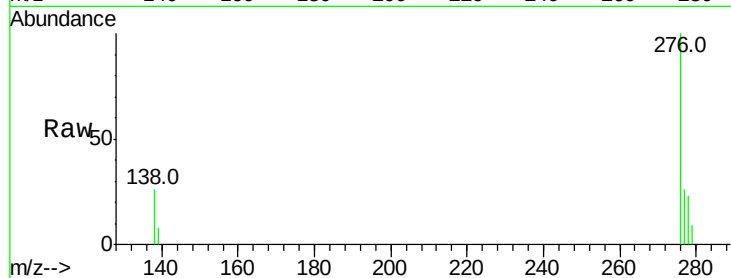
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.235 ng/ul
 RT: 26.55 min Scan# 4333
 Delta R.T. -0.01 min
 Lab File: BE093848.D
 Acq: 16 Aug 2017 20:03

Instrument :
 BNA_E
 ClientSampleId :
 C0AH4DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	28.0	42.0#
227	0.0	8.0	12.0#

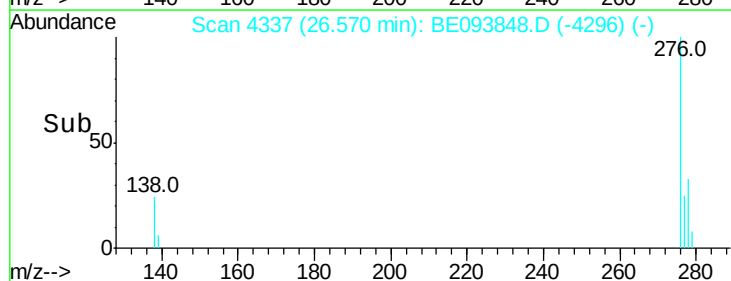
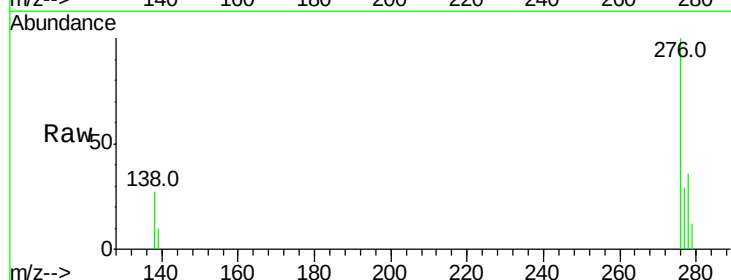
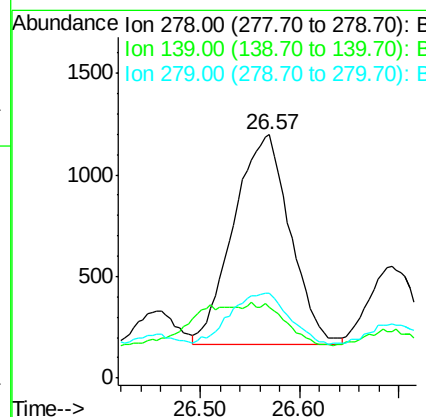
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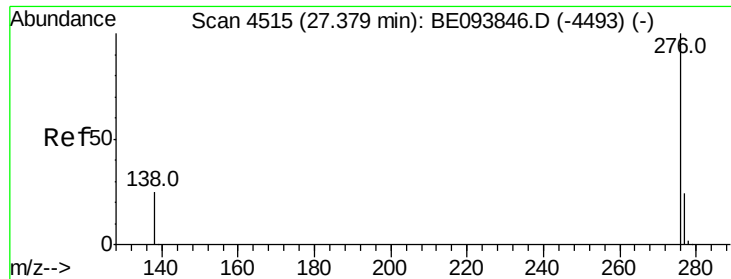
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.074 ng/ul
 RT: 26.57 min Scan# 4337
 Delta R.T. -0.01 min
 Lab File: BE093848.D
 Acq: 16 Aug 2017 20:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.0	17.4	26.0#
279	35.0	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 0.224 ng/ul

RT: 27.37 min Scan# 4513

Delta R.T. -0.01 min

Lab File: BE093848.D

Acq: 16 Aug 2017 20:03

Instrument :

BNA_E

ClientSampleId :

C0AH4DL

Tot Ion:	276	Resp:	12438
Ion Ratio	Lower	Upper	
276	100		
138	26.4	21.8	32.8
277	26.3	20.5	30.7

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:40 PM

