

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095899.D
 Acq On : 29 Mar 2018 4:28
 Operator : SJ/JU
 Sample : J1951-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AS9

Manual Integrations
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Sohil
 3/29/2018 5:18:59 PM

Quant Time: Mar 29 07:24:11 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 07:00:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1940	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5916	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	3854	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	8532m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	8214m	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	8953m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	3030	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	8358m	0.31	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.29	128	2898	0.175	ng/ul#	91
5) 2-Methylnaphthalene	12.87	142	2312	0.201	ng/ul	98
7) Acenaphthylene	14.72	152	2426	0.125	ng/ul#	91
8) Acenaphthene	15.06	153	15035	1.026	ng/ul	95
9) Fluorene	16.02	166	22717	1.428	ng/ul#	90
12) Phenanthrene	17.75	178	380389m	14.887	ng/ul	
13) Anthracene	17.84	178	93629m	3.919	ng/ul	
15) Fluoranthene	19.71	202	678860m	21.933	ng/ul	
17) Pyrene	20.07	202	615911	19.747	ng/ul#	78
18) Benzo(a)anthracene	21.77	228	264651m	9.986	ng/ul	
19) Chrysene	21.83	228	246669m	9.141	ng/ul	
21) Benzo(b)fluoranthene	23.61	252	305097m	9.838	ng/ul	
22) Benzo(k)fluoranthene	23.65	252	94733m	3.213	ng/ul	
23) Benzo(a)pyrene	24.30	252	218922m	7.732	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.23	276	139287m	4.436	ng/ul	
25) Dibenzo(a,h)anthracene	27.23	278	35041m	1.396	ng/ul	
26) Benzo(a,h,i)perylene	28.11	276	124236m	4.606	ng/ul	

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

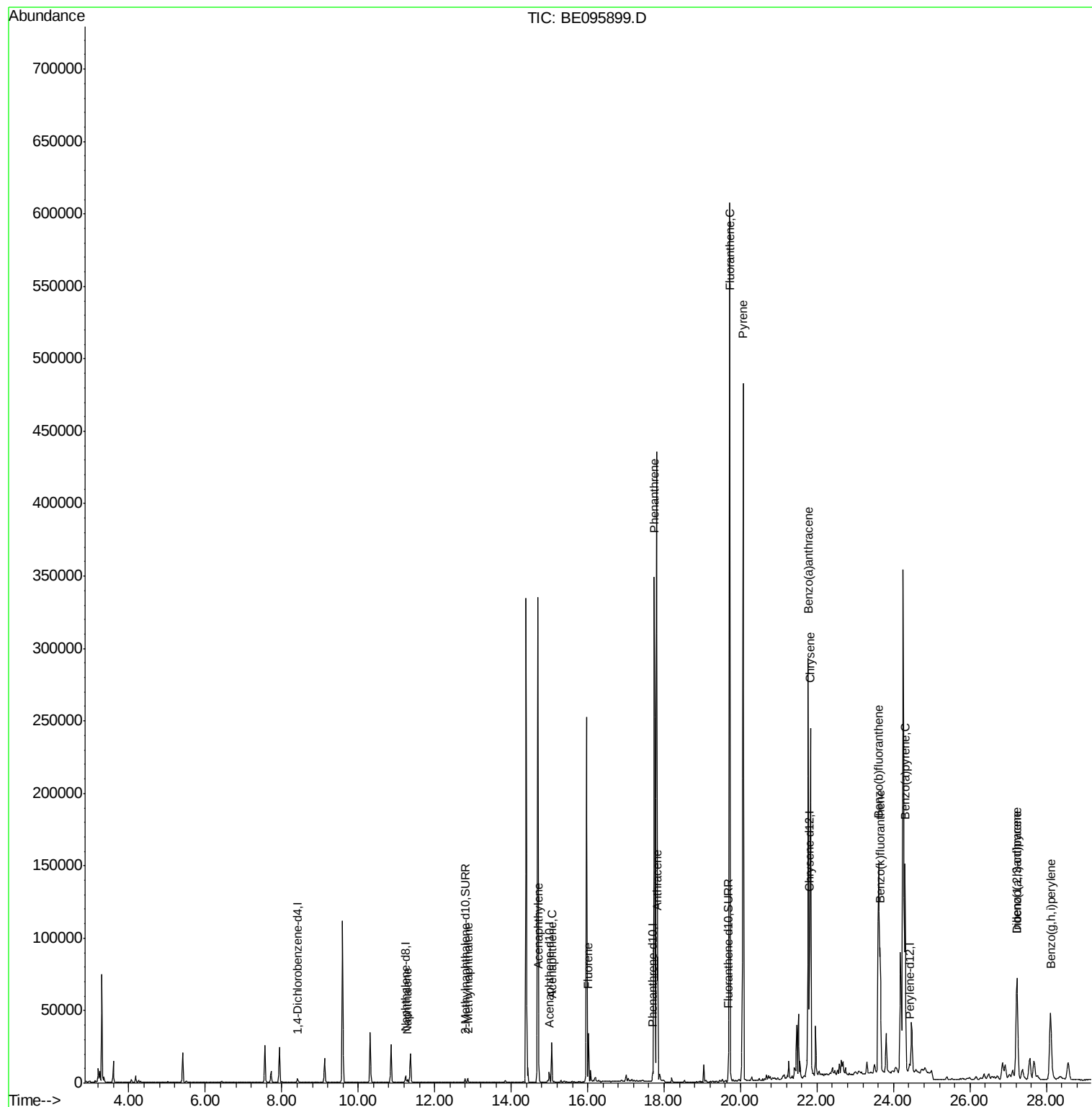
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
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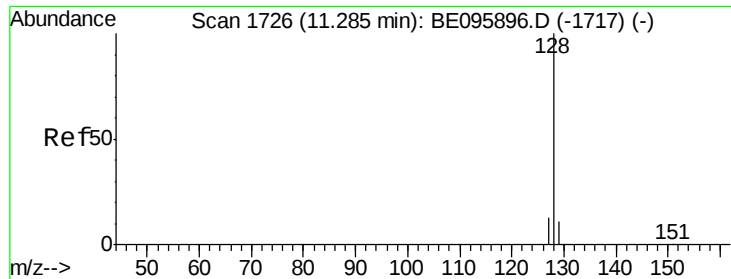
Instrument :
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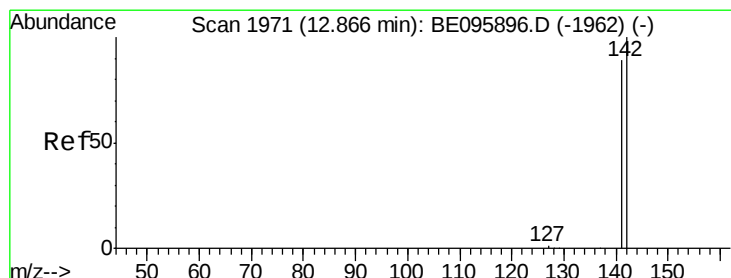
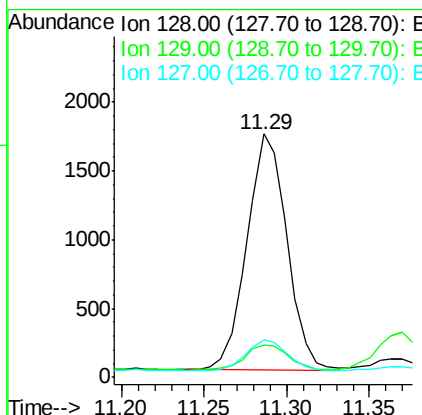
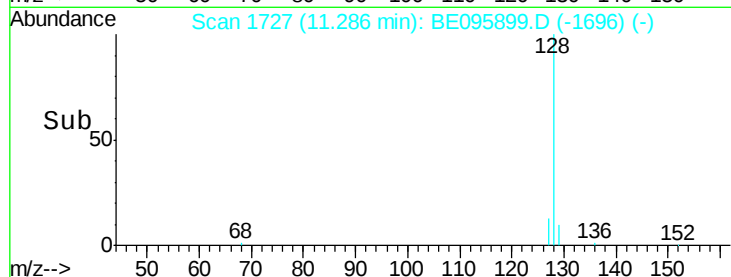
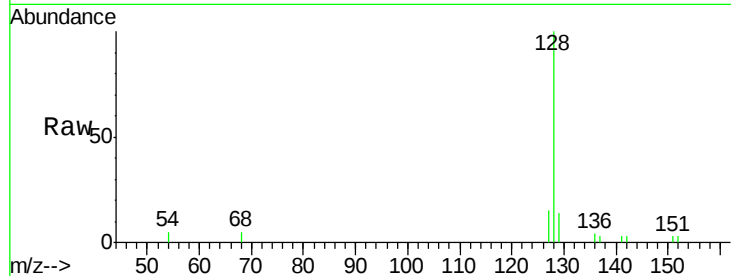
#3
Naphthalene
Concen: 0.175 ng/ul
RT: 11.29 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BE095899.D
Acq: 29 Mar 2018 4:28

Instrument :
BNA_E
ClientSampleId :
C0AS9

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.3	16.9
127	15.4	4.0	6.0

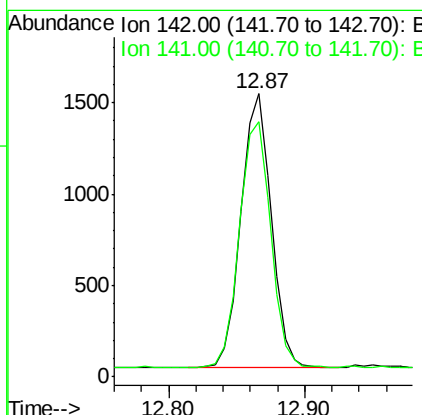
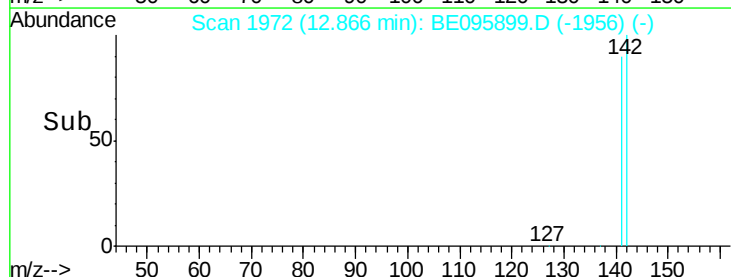
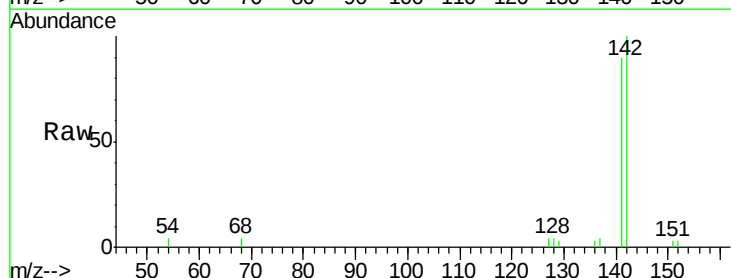
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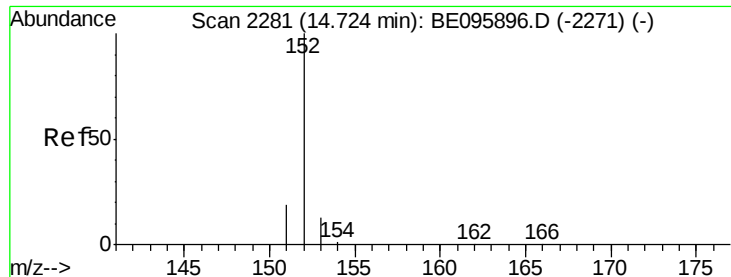
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#5
2-Methylnaphthalene
Concen: 0.201 ng/ul
RT: 12.87 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BE095899.D
Acq: 29 Mar 2018 4:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.125 ng/ul

RT: 14.72 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Instrument :

BNA_E

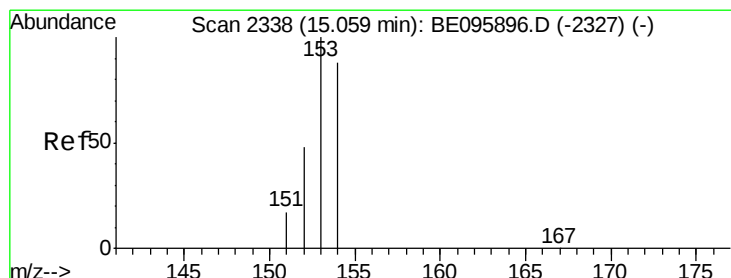
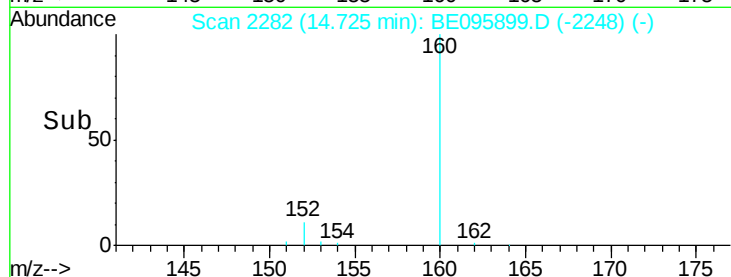
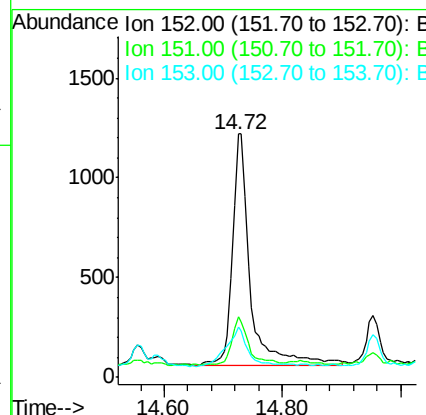
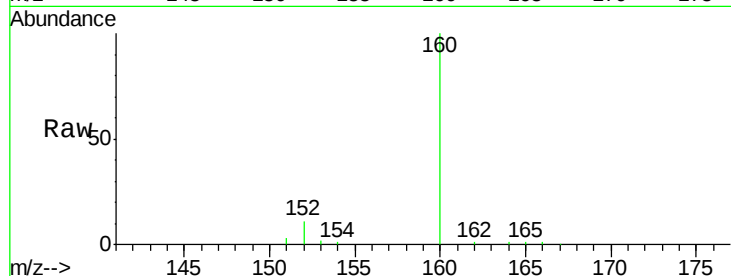
ClientSampleId :

C0AS9

Tot Ion:	152	Resp:	2426
Ion Ratio	Lower	Upper	
152	100		
151	24.9	17.1	25.7
153	20.9	12.8	19.2#

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#8

Acenaphthene

Concen: 1.026 ng/ul

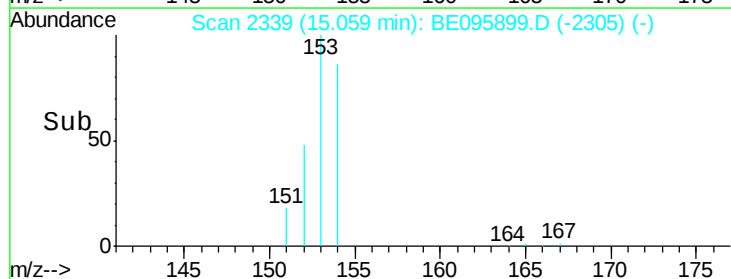
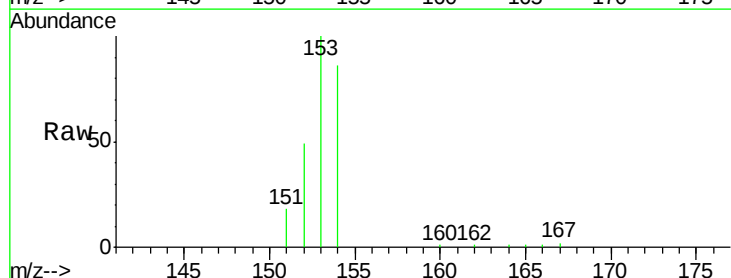
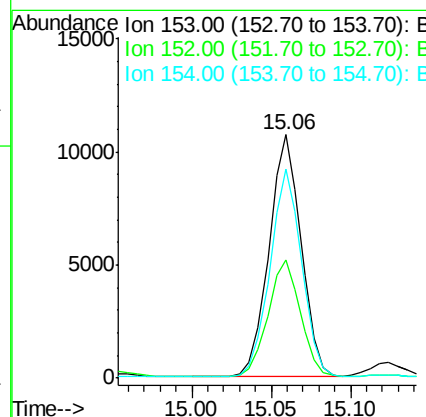
RT: 15.06 min Scan# 2339

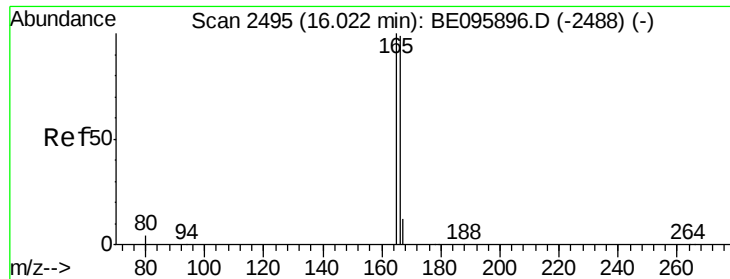
Delta R.T. 0.00 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Tgt Ion:	153	Resp:	15035
Ion Ratio	Lower	Upper	
153	100		
152	48.8	36.0	54.0
154	85.7	72.0	108.0





#9

Fluorene

Concen: 1.428 ng/ul

RT: 16.02 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Instrument :

BNA_E

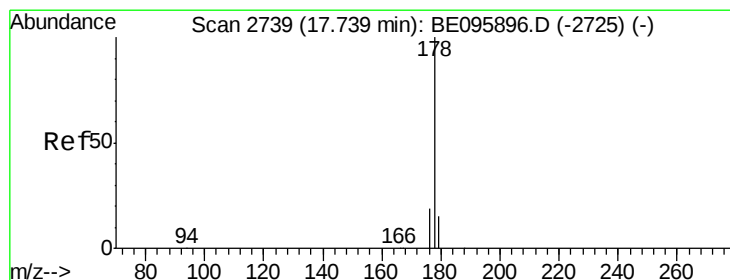
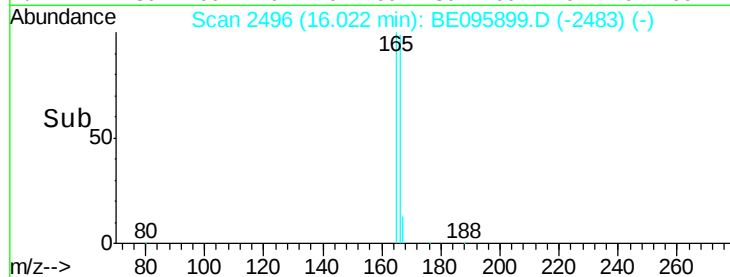
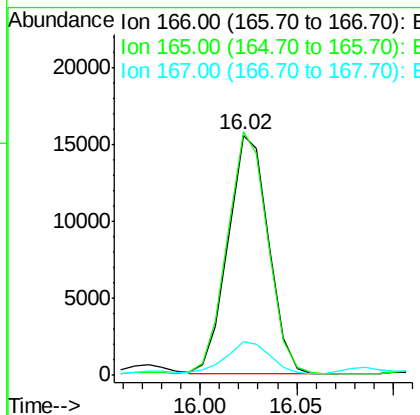
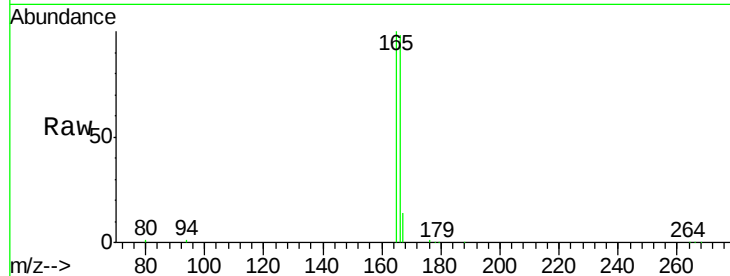
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
166	100		
165	101.6	73.4	110.2
167	14.1	14.6	22.0

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#12

Phenanthrene

Concen: 14.887 ng/ul m

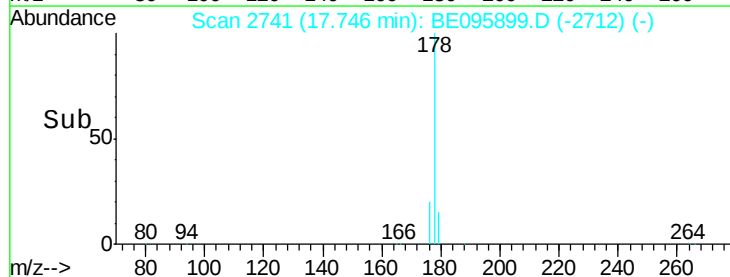
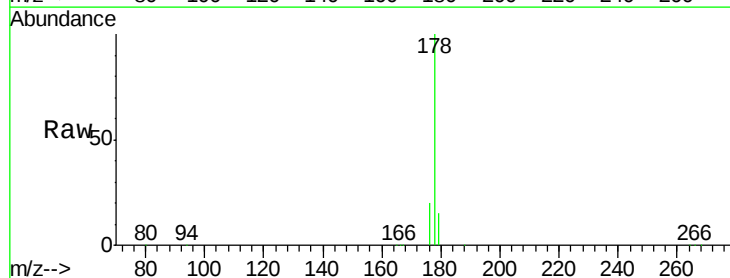
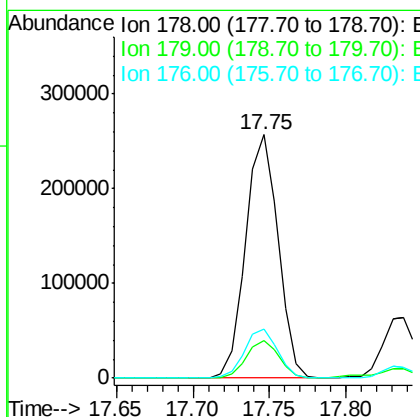
RT: 17.75 min Scan# 2741

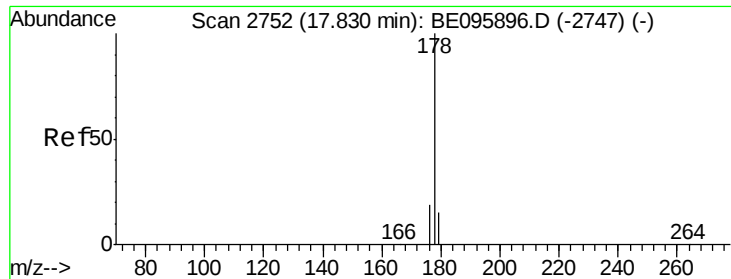
Delta R.T. 0.01 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6
176	20.0	13.6	20.4





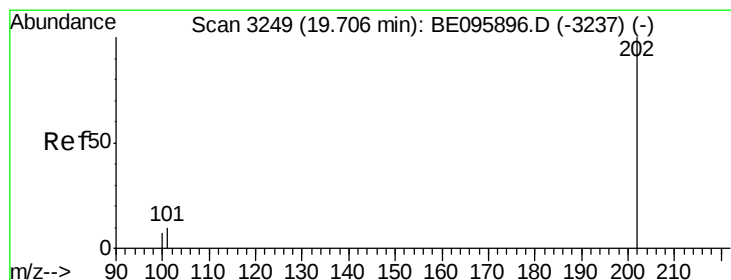
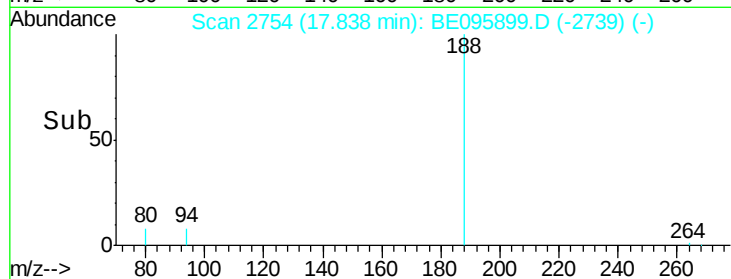
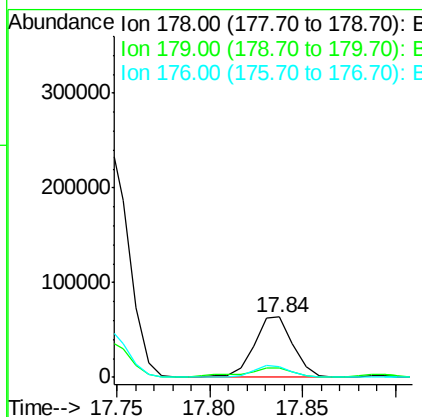
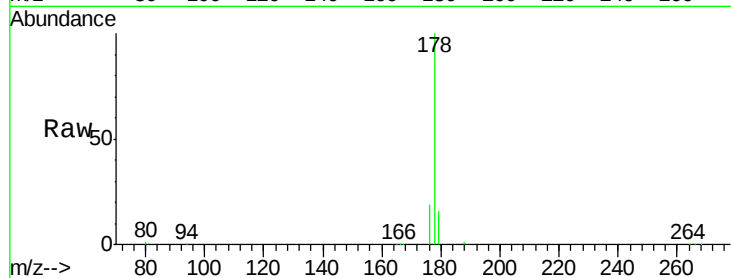
#13
 Anthracene
 Concen: 3.919 ng/ul m
 RT: 17.84 min Scan# 2754
 Delta R.T. 0.01 min
 Lab File: BE095899.D
 Acq: 29 Mar 2018 4:28

Instrument :
 BNA_E
 ClientSampleId :
 C0AS9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.1	27.1#
176	18.8	14.7	22.1

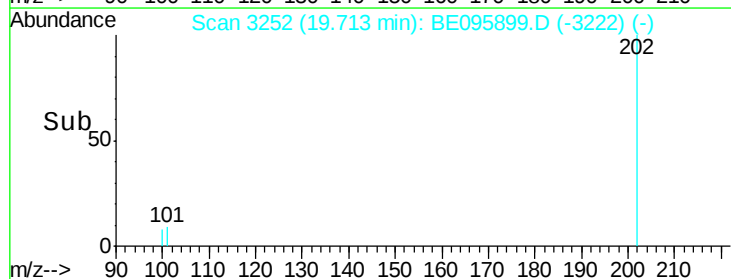
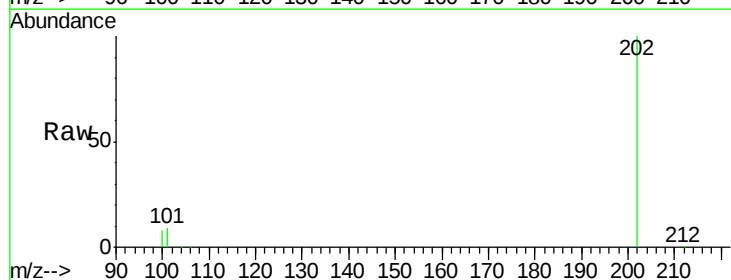
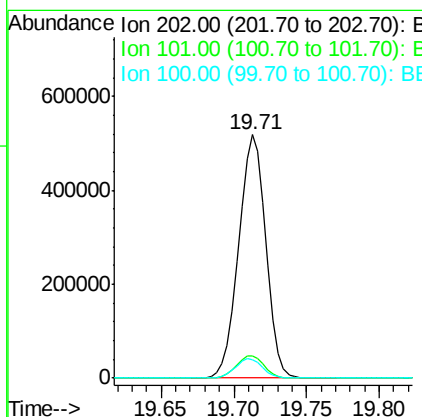
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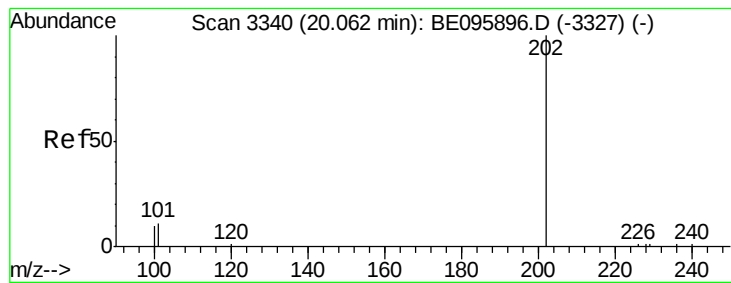
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#15
 Fluoranthene
 Concen: 21.933 ng/ul m
 RT: 19.71 min Scan# 3252
 Delta R.T. 0.01 min
 Lab File: BE095899.D
 Acq: 29 Mar 2018 4:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.3
100	7.8	0.0	39.5





#17

Pvrene

Concen: 19.747 ng/ul

RT: 20.07 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Instrument :

BNA_E

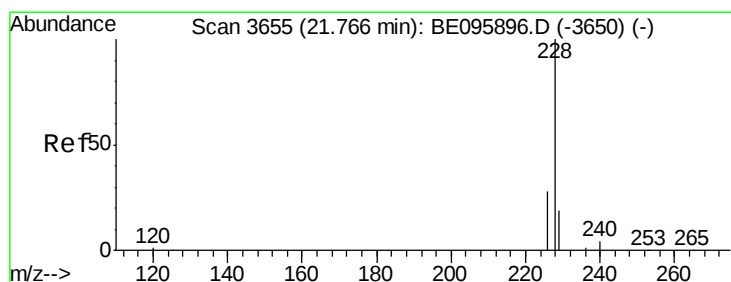
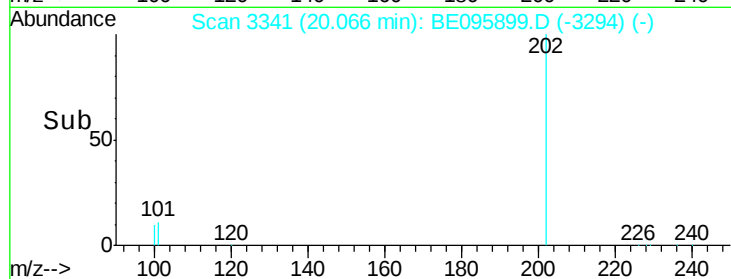
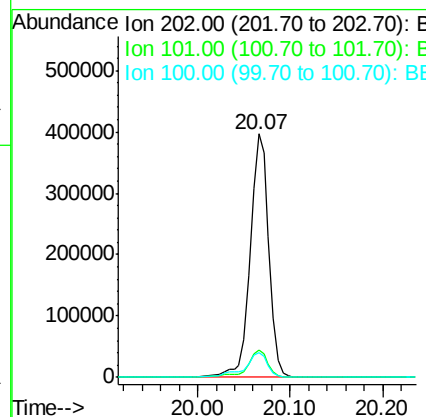
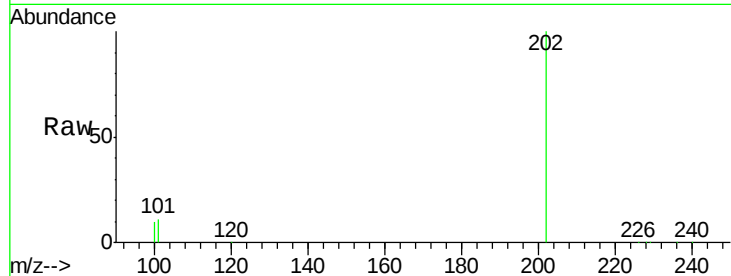
ClientSampled :

C0AS9

Tot Ion:	202	Resp:	615911
Ion Ratio	Lower	Upper	
202	100		
101	11.2	18.2	27.4#
100	10.3	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 9.986 ng/ul m

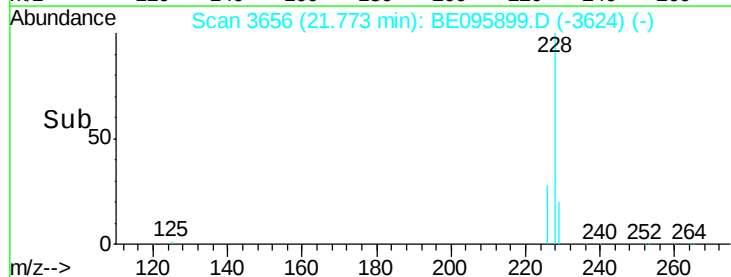
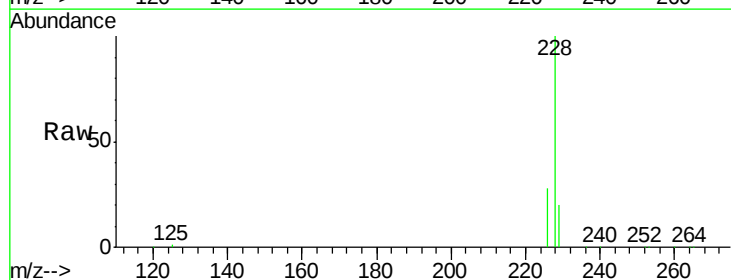
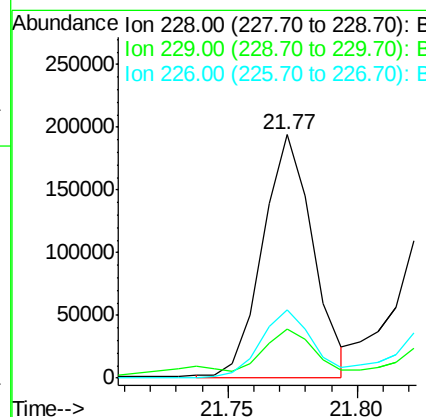
RT: 21.77 min Scan# 3656

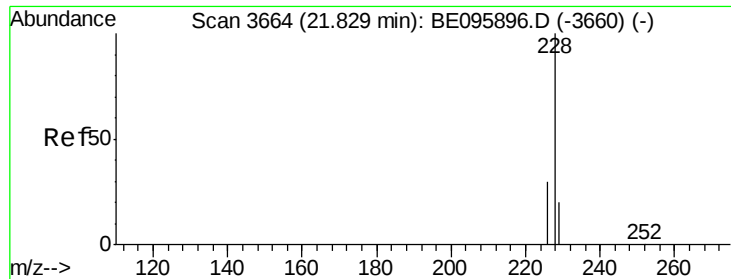
Delta R.T. 0.01 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Tgt Ion:	228	Resp:	264651
Ion Ratio	Lower	Upper	
228	100		
229	20.3	22.8	34.2#
226	28.3	17.0	25.6#





#19

Chrysene

Concen: 9.141 ng/ul m

RT: 21.83 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Instrument :

BNA_E

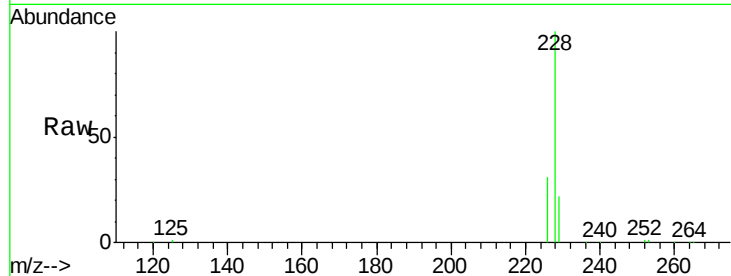
ClientSampled :

C0AS9

Tot Ion:	228	Resp:	246669
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.0
229	22.1	17.7	26.5

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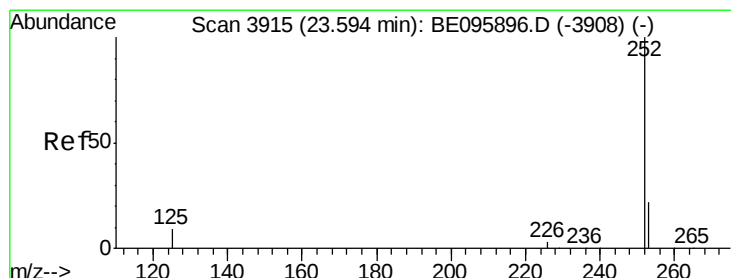
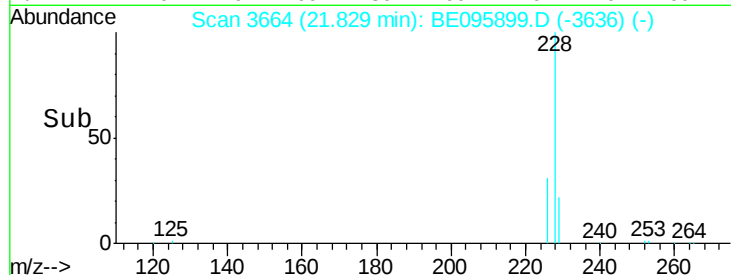
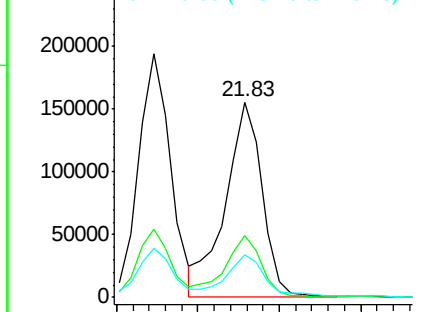


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 9.838 ng/ul m

RT: 23.61 min Scan# 3917

Delta R.T. 0.01 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

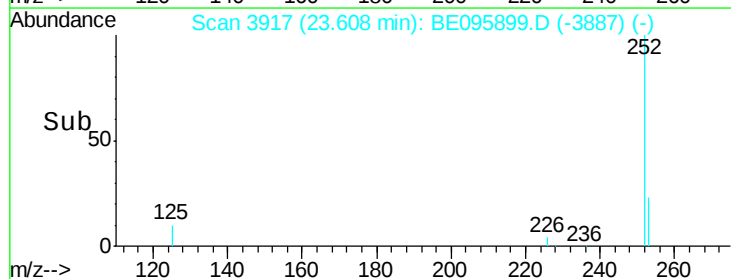
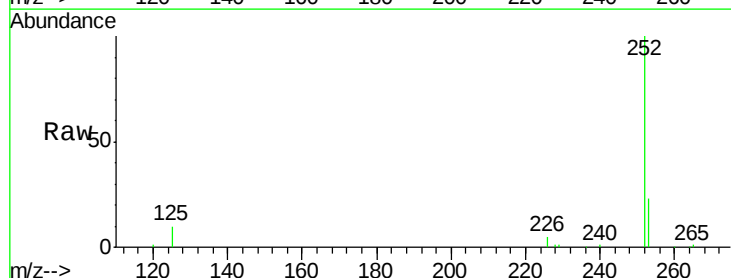
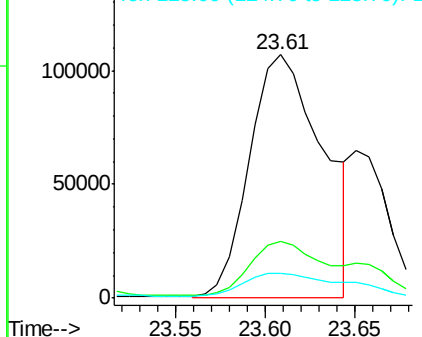
Tgt Ion:	252	Resp:	305097
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	64.2
125	10.3	0.0	35.0

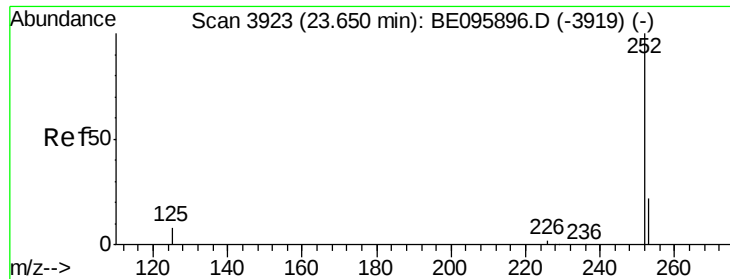
Abundance

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





#22

Benzo(k)fluoranthene

Concen: 3.213 ng/ul m

RT: 23.65 min Scan# 3923

Delta R.T. -0.00 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Instrument :

BNA_E

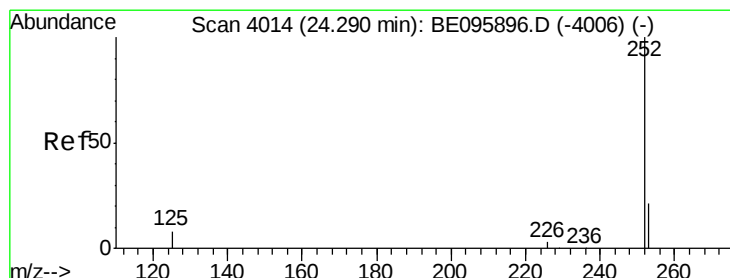
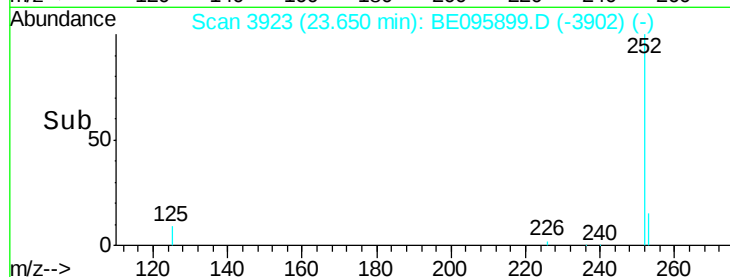
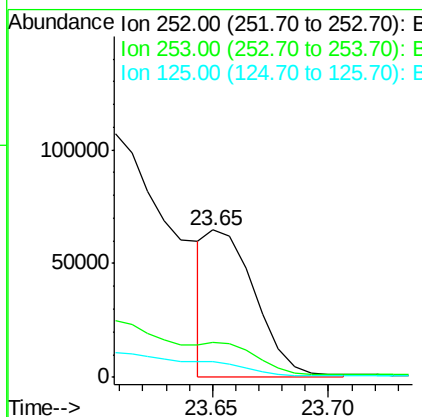
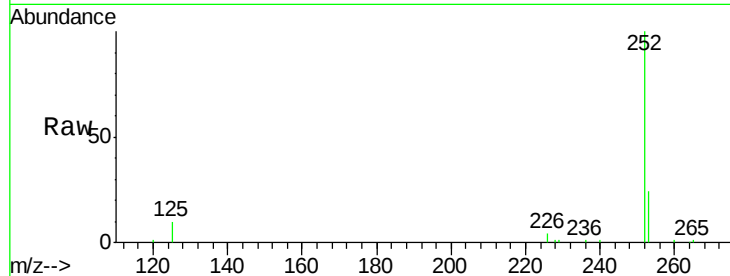
ClientSampled :

C0AS9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	10.4	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 7.732 ng/ul m

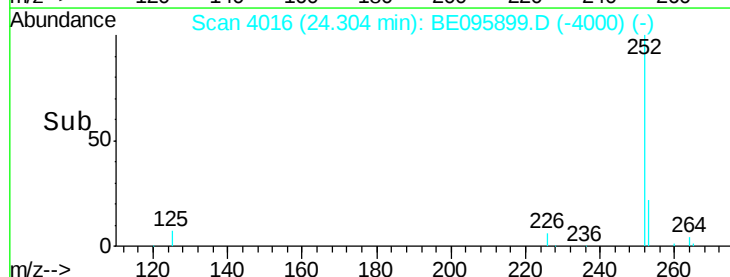
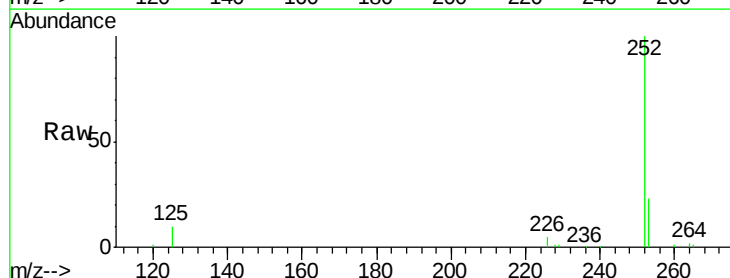
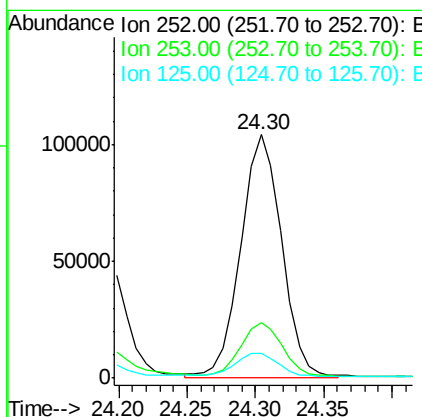
RT: 24.30 min Scan# 4016

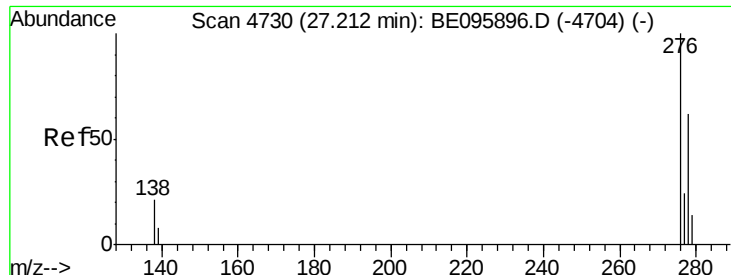
Delta R.T. 0.01 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	10.4	18.1	27.1#





#24

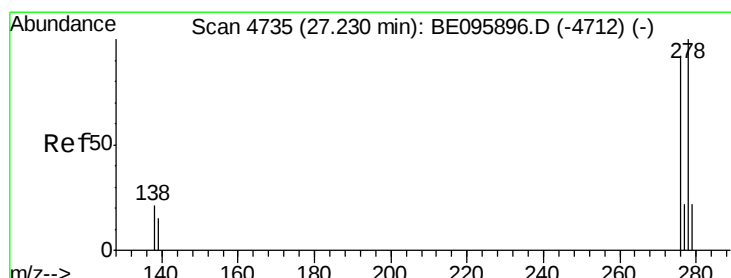
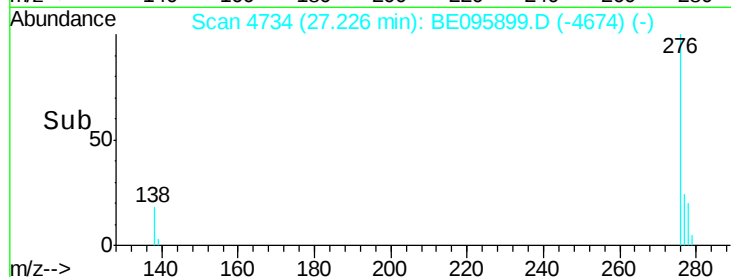
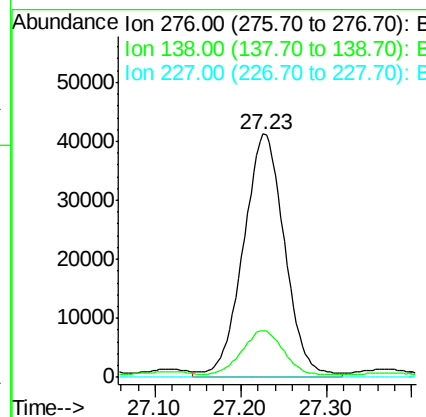
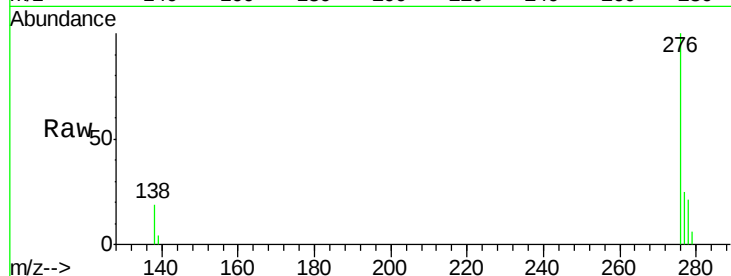
Indeno(1,2,3-cd)pyrene
Concen: 4.436 ng/ul m
RT: 27.23 min Scan# 4734
Delta R.T. 0.01 min
Lab File: BE095899.D
Acq: 29 Mar 2018 4:28

Instrument :
BNA_E
ClientSampled :
C0AS9

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.0	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

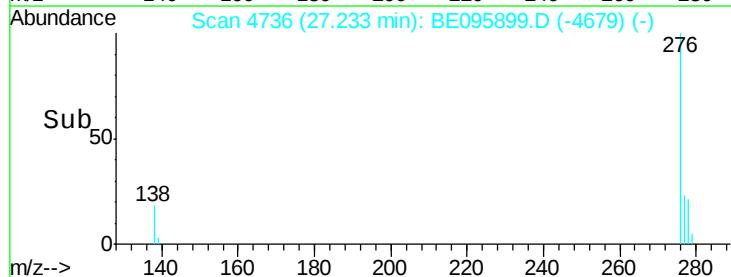
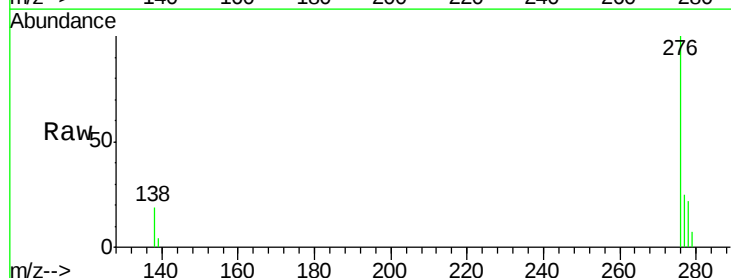
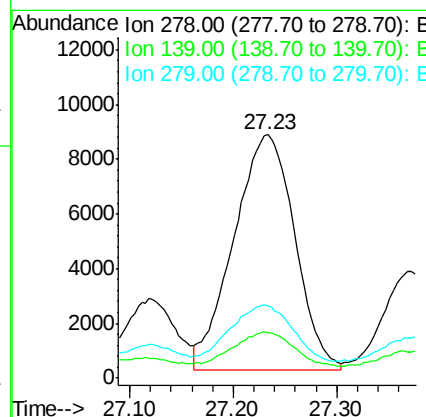
Sohil
3/29/2018 5:18:59 PM

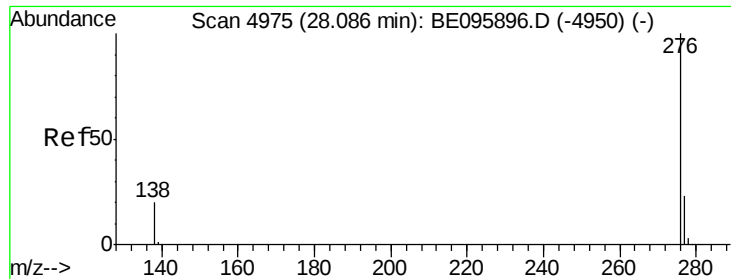


#25

Dibenzo(a,h)anthracene
Concen: 1.396 ng/ul m
RT: 27.23 min Scan# 4736
Delta R.T. 0.00 min
Lab File: BE095899.D
Acq: 29 Mar 2018 4:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	17.4	26.0
279	29.6	25.9	38.9





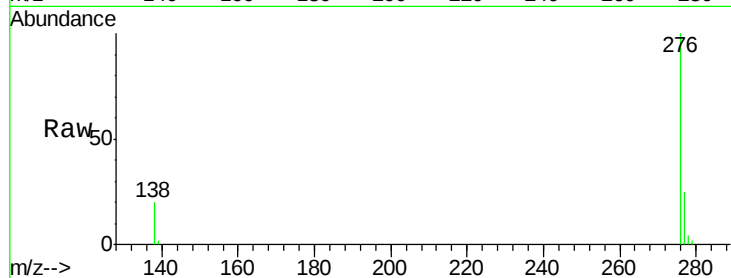
#26
 Benzo(a,h,i)perylene
 Concen: 4.606 ng/ul m
 RT: 28.11 min Scan# 4982
 Delta R.T. 0.02 min
 Lab File: BE095899.D
 Acq: 29 Mar 2018 4:28

Instrument :
 BNA_E
 ClientSampleId :
 C0AS9

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	21.8	32.8#
277	24.9	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:18:59 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

