

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095811.D
 Acq On : 15 Mar 2018 19:40
 Operator : SJ/JU
 Sample : J1813-05DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F21DL

Manual Integrations
 APPROVED

Sohil
 3/16/2018 12:03:26 PM

Quant Time: Mar 16 03:52:28 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 02:40:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	2026	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	5846	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.03	164	3249	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.74	188	6586	0.40	ng/ul	0.00
16) Chrysene-d12	21.83	240	6836	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	6575	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	649	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	1557	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	15981	0.979	ng/ul#	88
5) 2-Methylnaphthalene	12.90	142	4320	0.381	ng/ul	100
7) Acenaphthylene	14.76	152	3175	0.194	ng/ul	94
8) Acenaphthene	15.10	153	16361	1.324	ng/ul	96
9) Fluorene	16.06	166	11737	0.875	ng/ul#	90
12) Phenanthrene	17.78	178	132126	6.699	ng/ul#	88
13) Anthracene	17.87	178	32630	1.769	ng/ul#	93
15) Fluoranthene	19.75	202	200676	8.399	ng/ul	82
17) Pyrene	20.10	202	163852m	6.312	ng/ul	
18) Benzo(a)anthracene	21.82	228	146009	6.620	ng/ul#	87
19) Chrysene	21.87	228	105254	4.687	ng/ul	96
21) Benzo(b)fluoranthene	23.67	252	158577m	6.963	ng/ul	
22) Benzo(k)fluoranthene	23.71	252	44169m	2.040	ng/ul	
23) Benzo(a)pyrene	24.38	252	107474	5.169	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.35	276	64322m	2.790	ng/ul	
25) Dibenzo(a,h)anthracene	27.35	278	16459	0.893	ng/ul#	89
26) Benzo(a,h,i)perylene	28.25	276	54975	2.776	ng/ul#	91

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

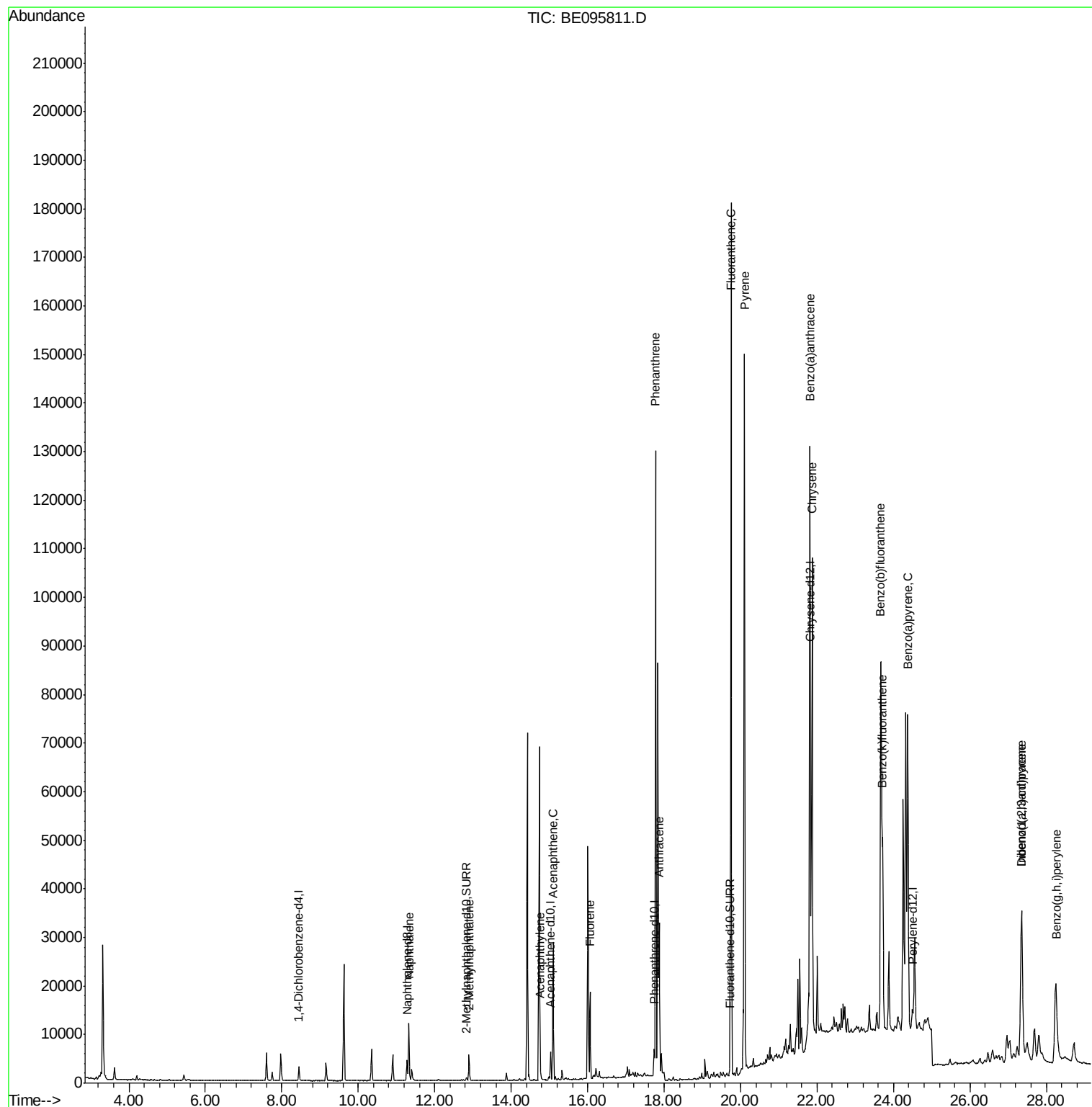
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
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ALS Vial : 15 Sample Multiplier: 1

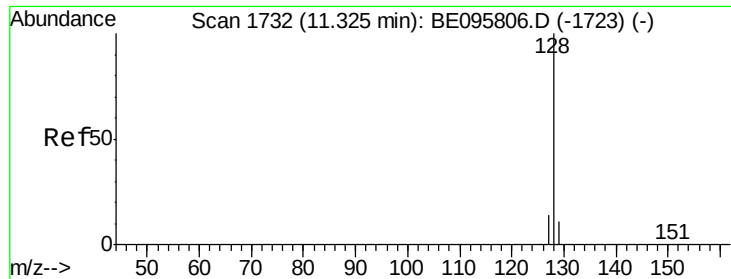
Instrument :
BNA_E
ClientSampleId :
F6F21DL

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#3

Naphthalene

Concen: 0.979 ng/ul

RT: 11.32 min Scan# 1733

Delta R.T. -0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Instrument :

BNA_E

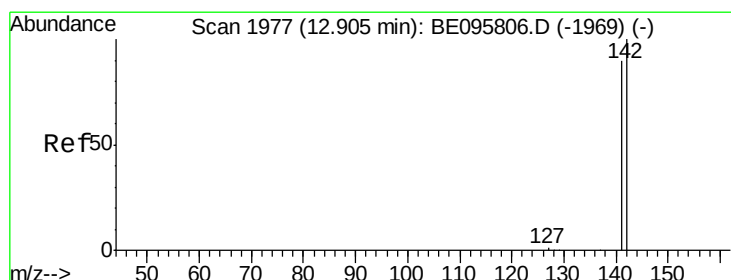
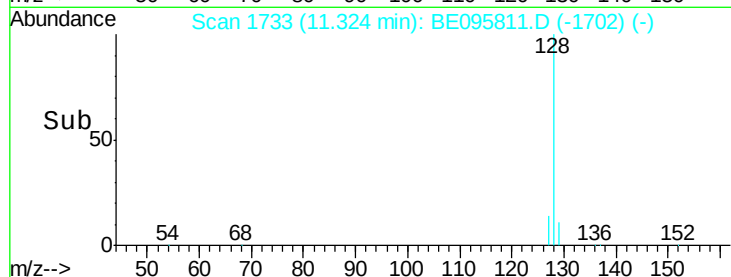
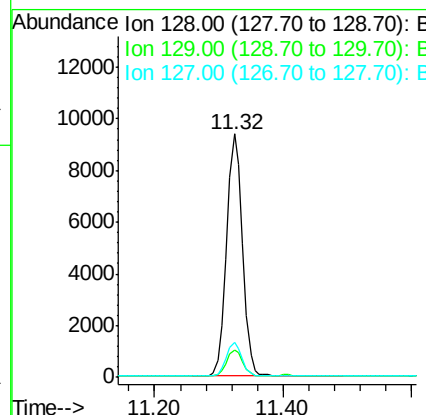
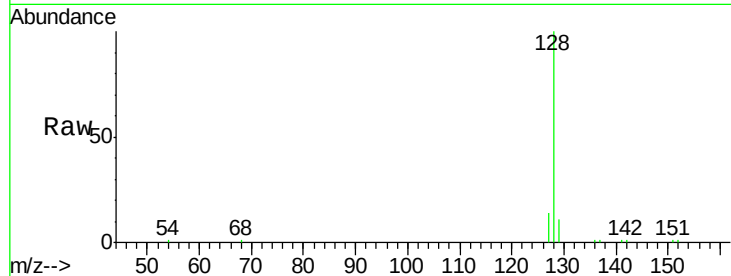
ClientSampleId :

F6F21DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	14.3	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.381 ng/ul

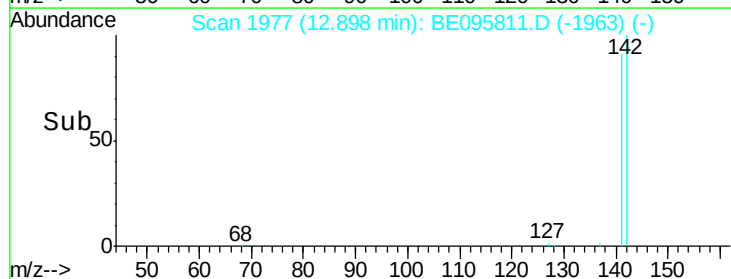
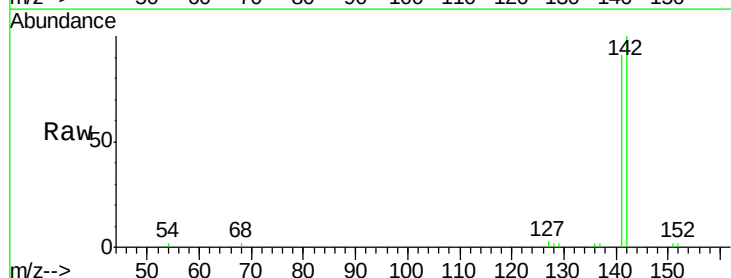
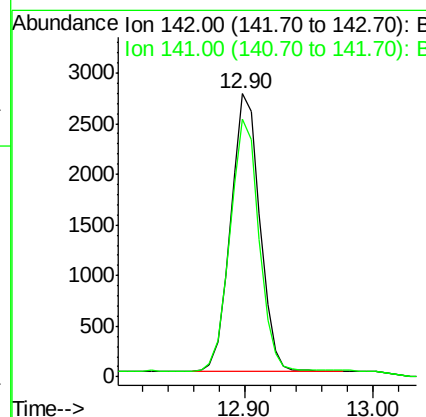
RT: 12.90 min Scan# 1977

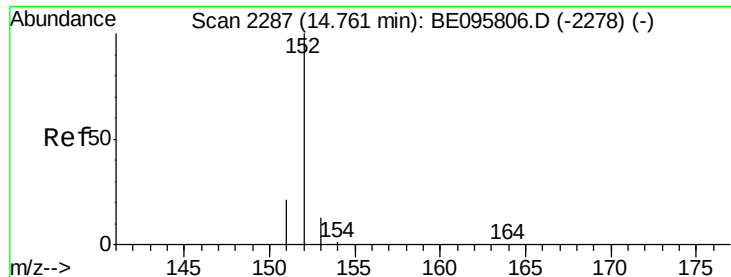
Delta R.T. -0.01 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.194 ng/ul

RT: 14.76 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Instrument :

BNA_E

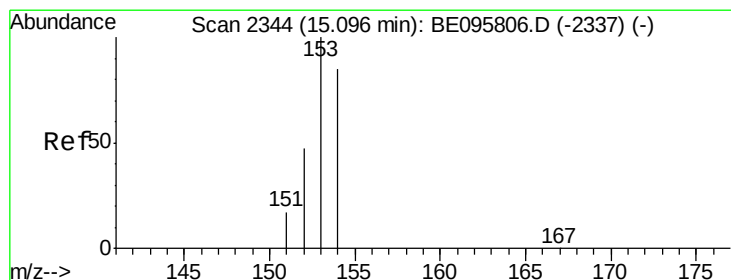
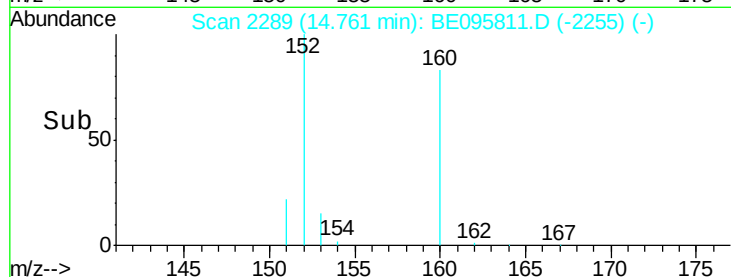
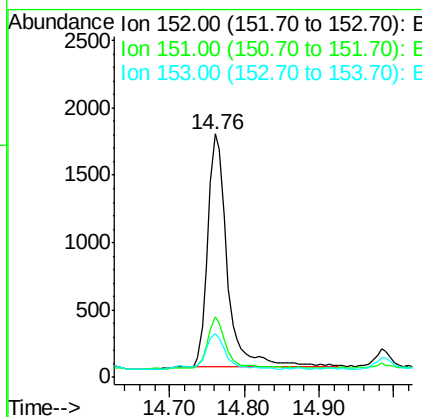
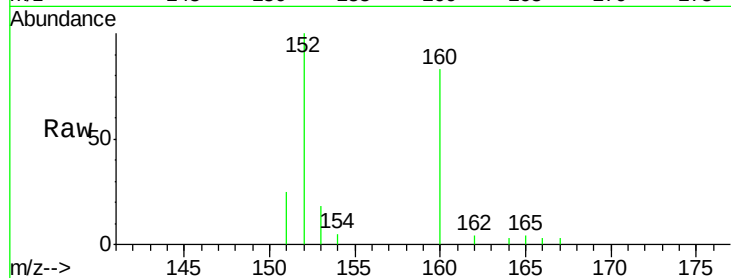
ClientSampled :

F6F21DL

Tot Ion:	152	Resp:	3175
Ion Ratio	Lower	Upper	
152	100		
151	25.0	17.1	25.7
153	17.9	12.8	19.2

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#8

Acenaphthene

Concen: 1.324 ng/ul

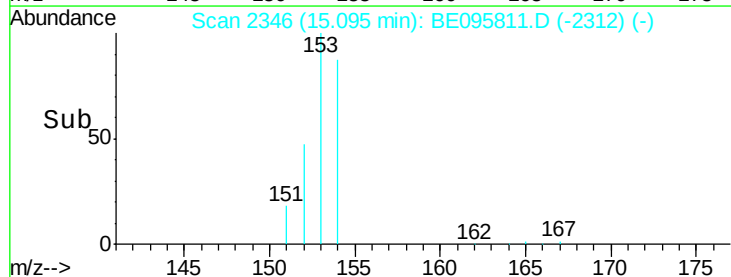
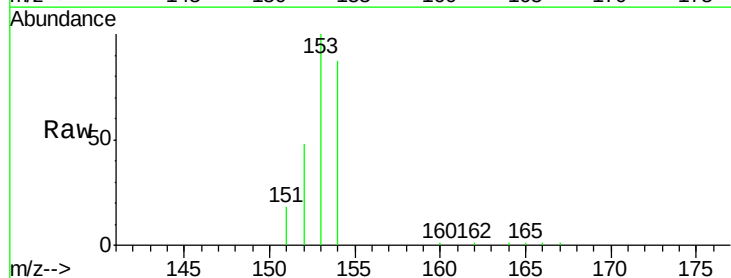
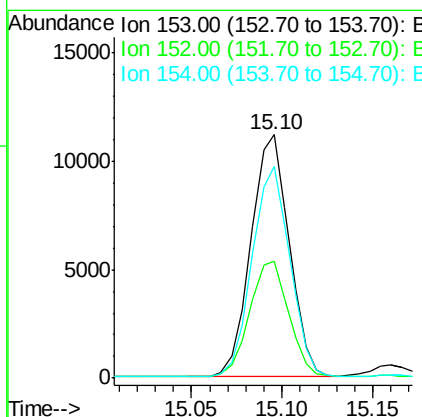
RT: 15.10 min Scan# 2346

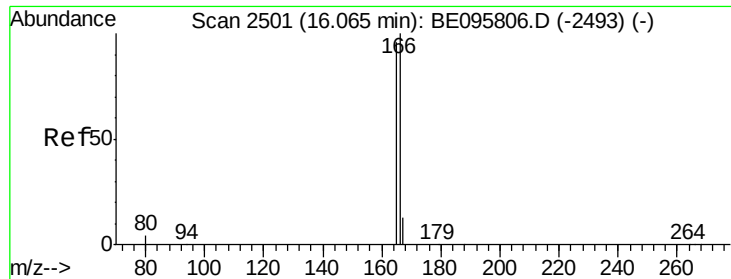
Delta R.T. -0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Tgt Ion:	153	Resp:	16361
Ion Ratio	Lower	Upper	
153	100		
152	48.0	36.0	54.0
154	86.9	72.0	108.0





#9

Fluorene

Concen: 0.875 ng/ul

RT: 16.06 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Instrument :

BNA_E

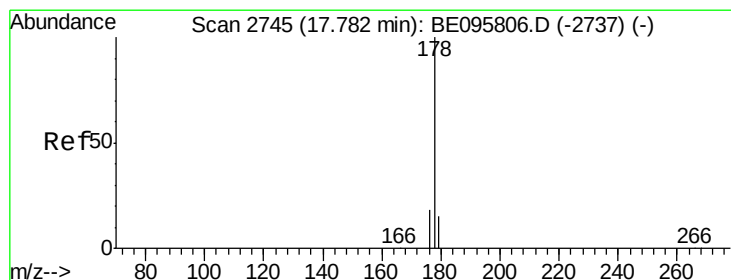
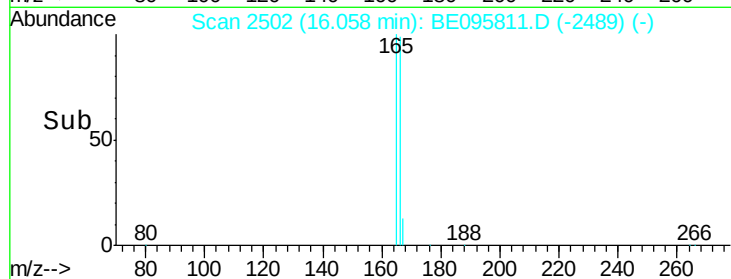
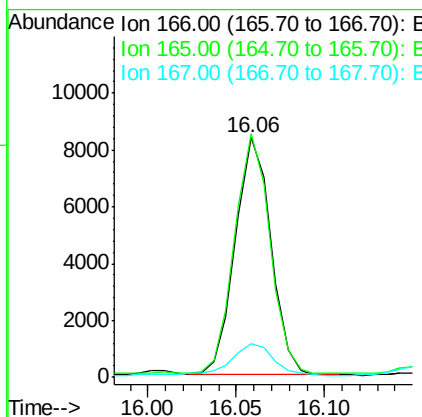
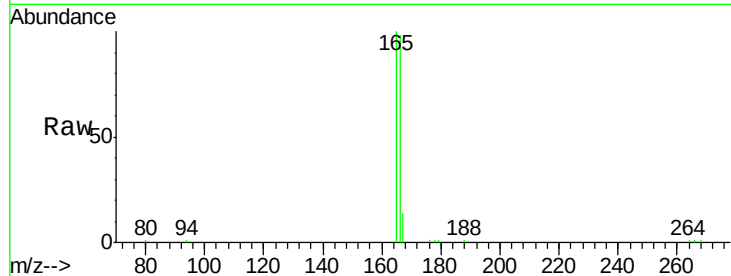
ClientSampleId :

F6F21DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	101.7	73.4	11737	110.2	
167	14.3	14.6	22.0		

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#12

Phenanthrene

Concen: 6.699 ng/ul

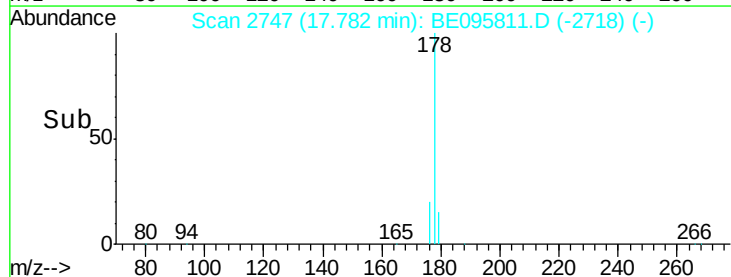
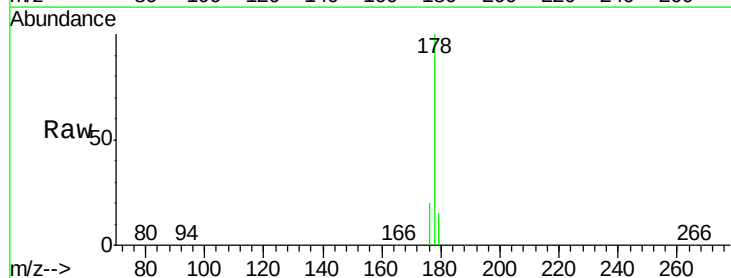
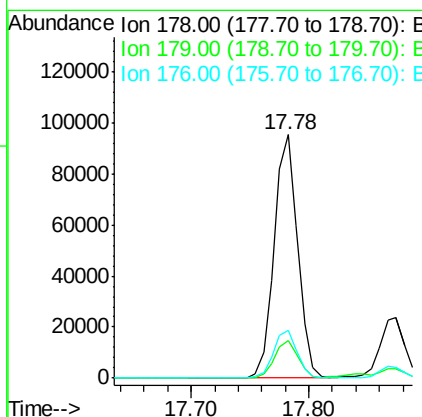
RT: 17.78 min Scan# 2747

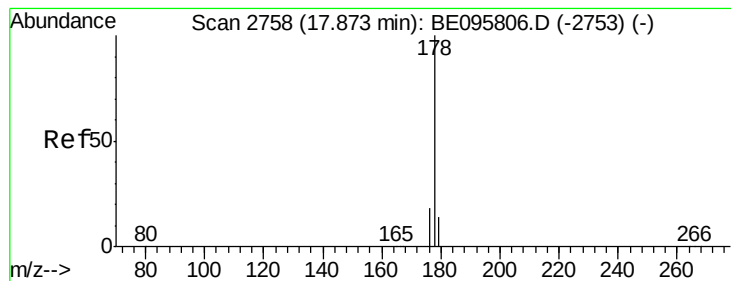
Delta R.T. 0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		132126		
179	15.4	18.4	27.6		
176	19.7	13.6	20.4		





#13

Anthracene

Concen: 1.769 ng/ul

RT: 17.87 min Scan# 2760

Delta R.T. 0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Instrument :

BNA_E

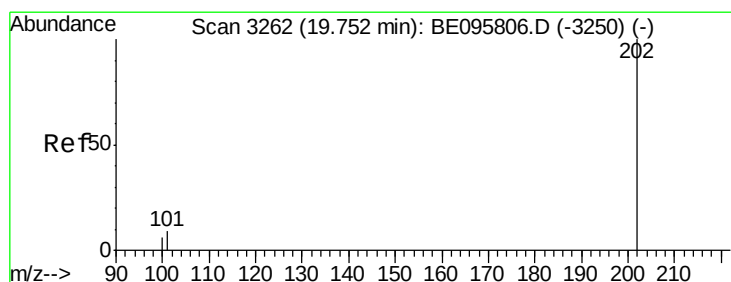
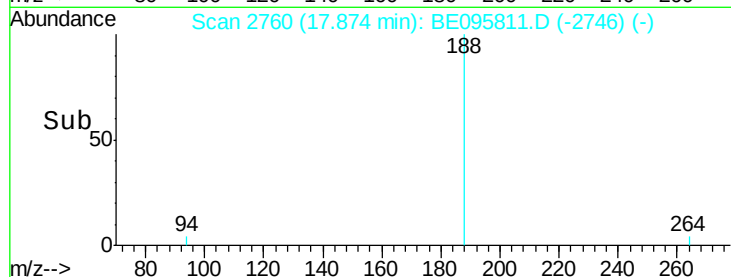
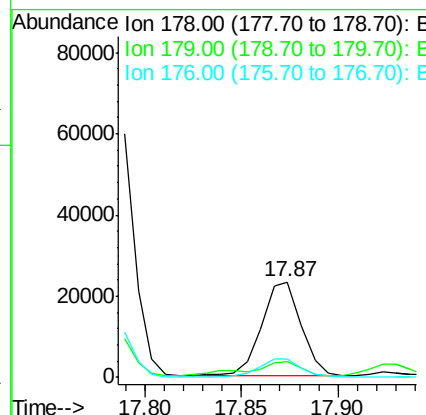
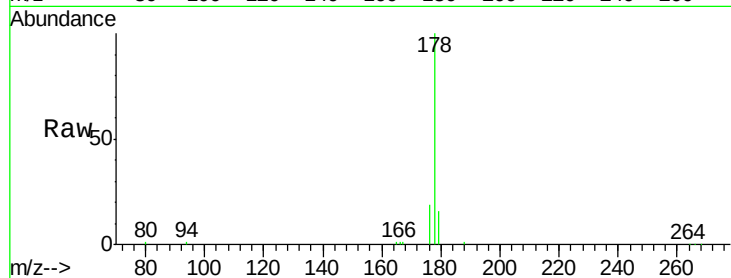
ClientSampleId :

F6F21DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.1	27.1#
176	18.6	14.7	22.1

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#15

Fluoranthene

Concen: 8.399 ng/ul

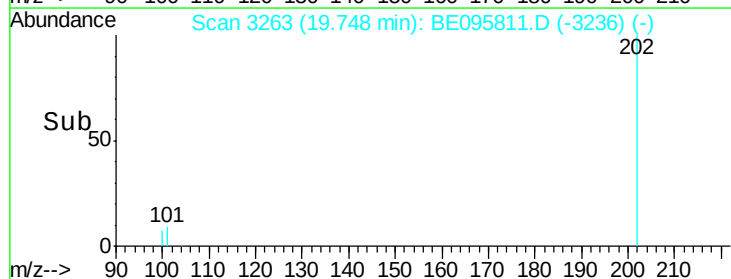
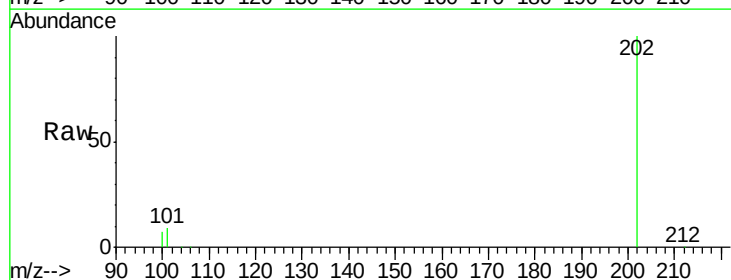
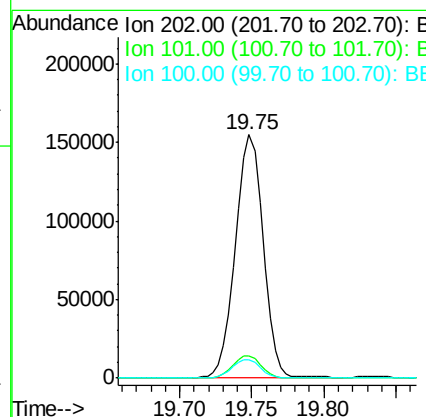
RT: 19.75 min Scan# 3263

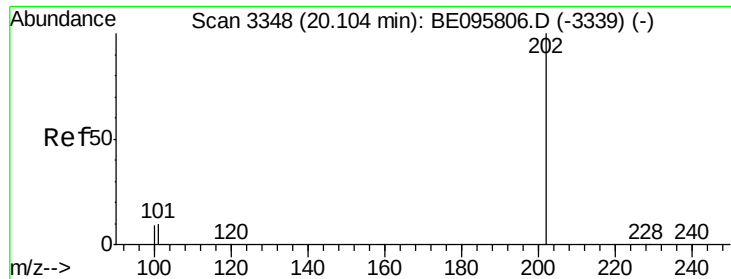
Delta R.T. -0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.3
100	7.5	0.0	39.5





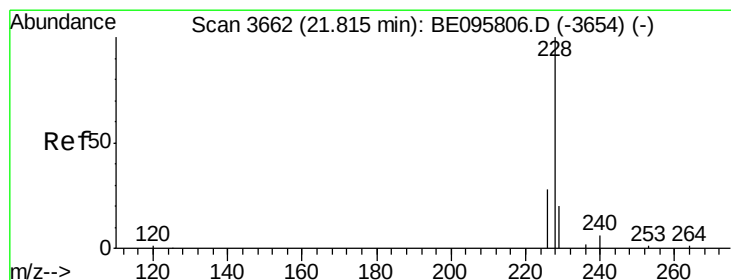
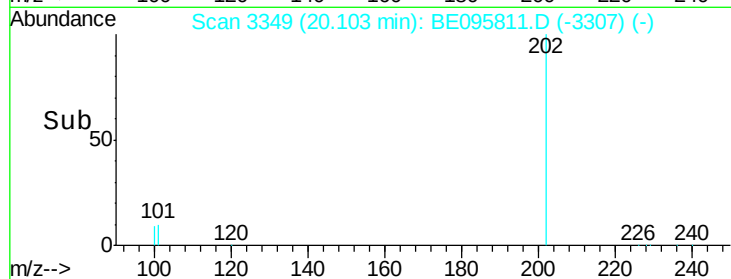
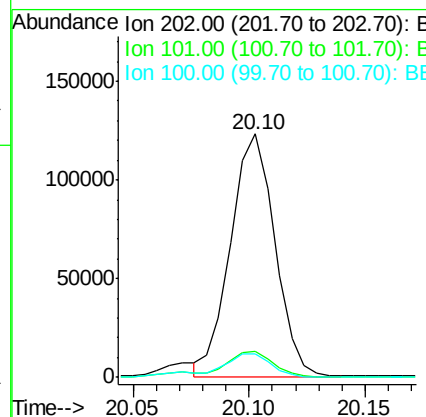
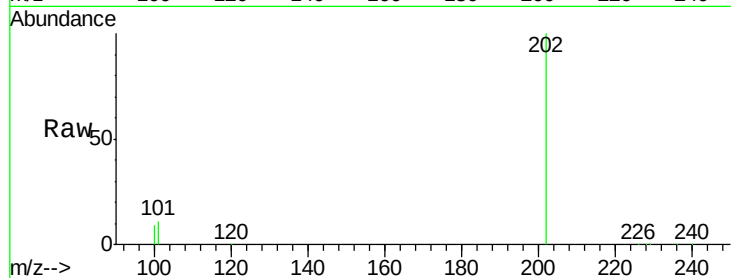
#17
Pvrene
Concen: 6.312 ng/ul m
RT: 20.10 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BE095811.D
Acq: 15 Mar 2018 19:40

Instrument :
BNA_E
ClientSampleId :
F6F21DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.5	18.2	27.4#
100	9.4	15.6	23.4#

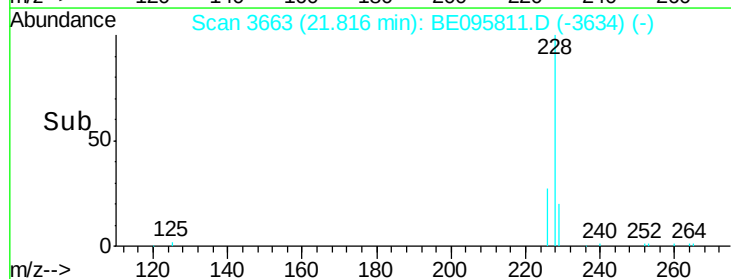
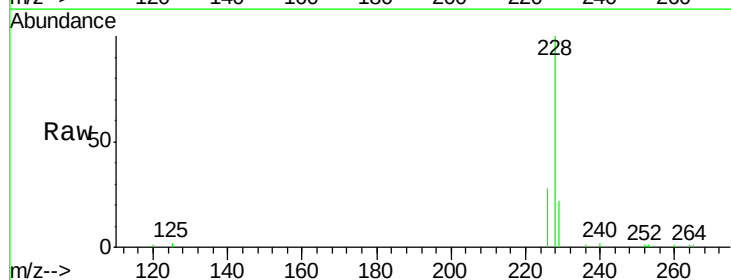
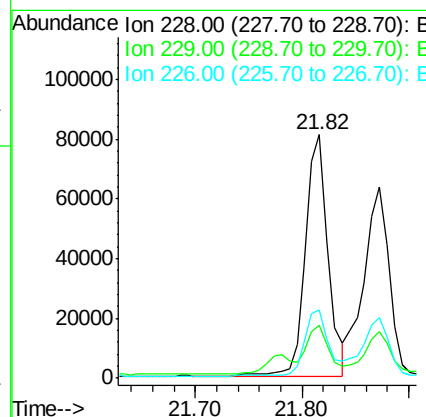
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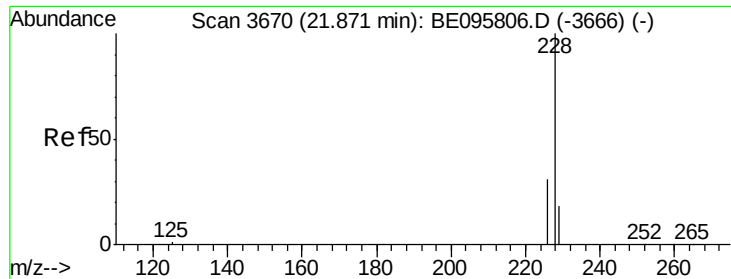
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#18
Benzo(a)anthracene
Concen: 6.620 ng/ul
RT: 21.82 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BE095811.D
Acq: 15 Mar 2018 19:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.8	22.8	34.2#
226	28.1	17.0	25.6#





#19

Chrysene

Concen: 4.687 ng/ul

RT: 21.87 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Instrument :

BNA_E

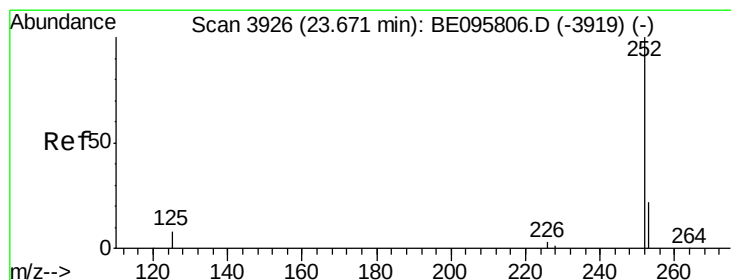
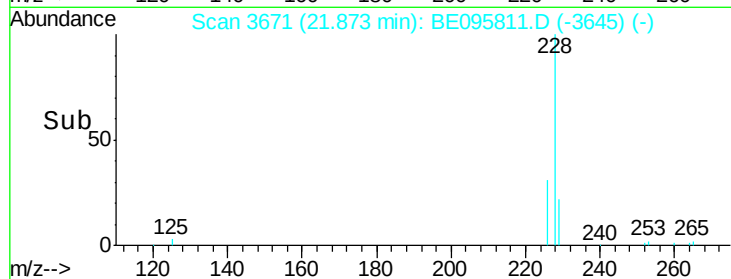
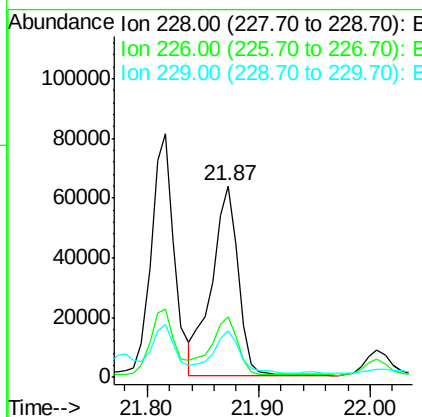
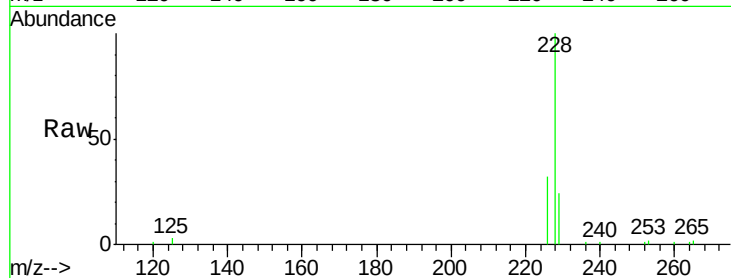
ClientSampled :

F6F21DL

Tot Ion:	228	Resp:	105254
Ion Ratio	Lower	Upper	
228	100		
226	31.7	23.4	35.0
229	24.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 6.963 ng/ul m

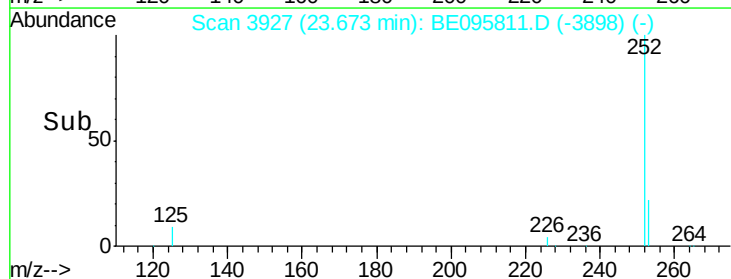
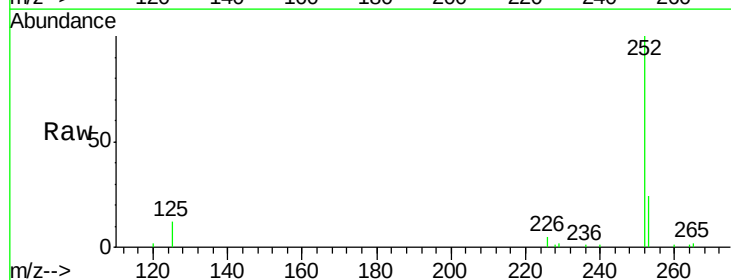
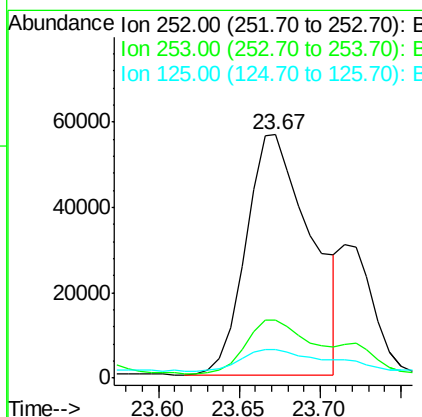
RT: 23.67 min Scan# 3927

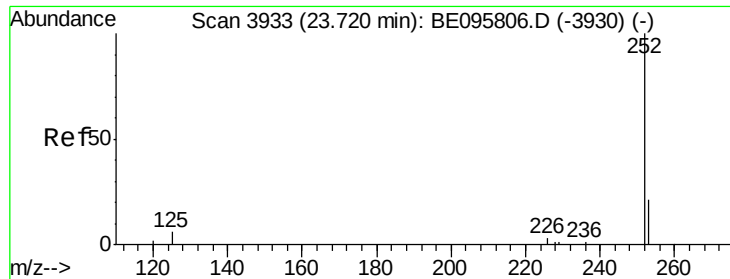
Delta R.T. 0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Tgt Ion:	252	Resp:	158577
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	64.2
125	11.5	0.0	35.0





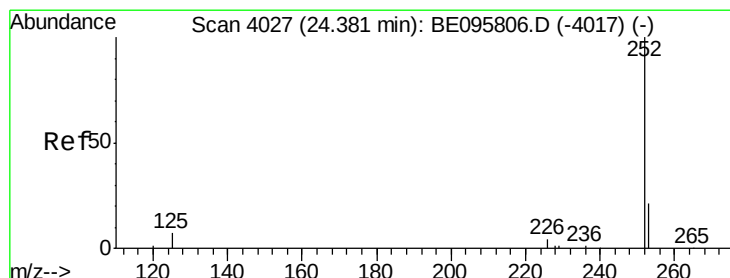
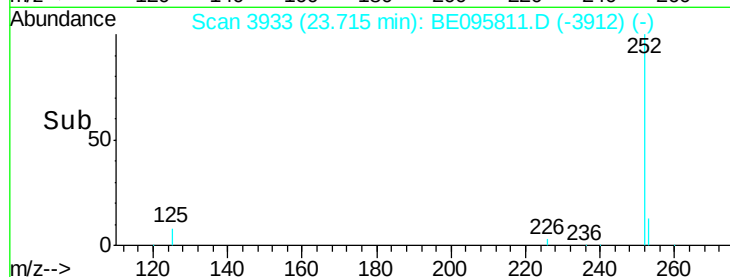
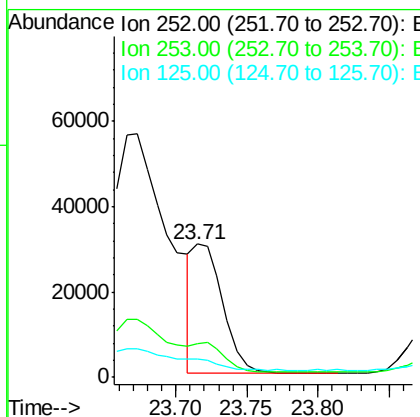
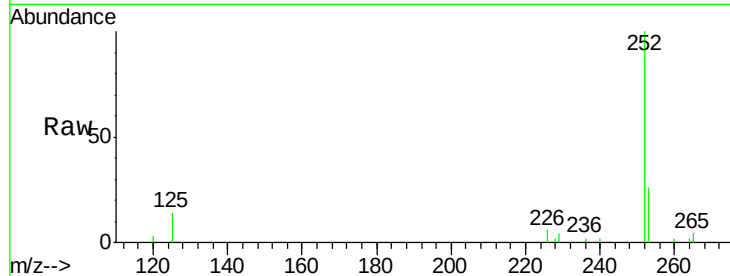
#22
Benzo(k)fluoranthene
Concen: 2.040 ng/ul m
RT: 23.71 min Scan# 3933
Delta R.T. -0.01 min
Lab File: BE095811.D
Acq: 15 Mar 2018 19:40

Instrument :
BNA_E
ClientSampleId :
F6F21DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	24.5	36.7
125	14.0	13.7	20.5

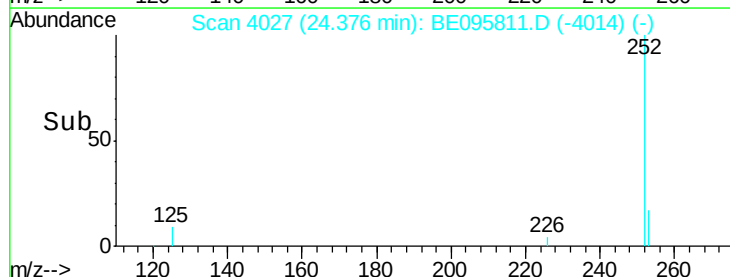
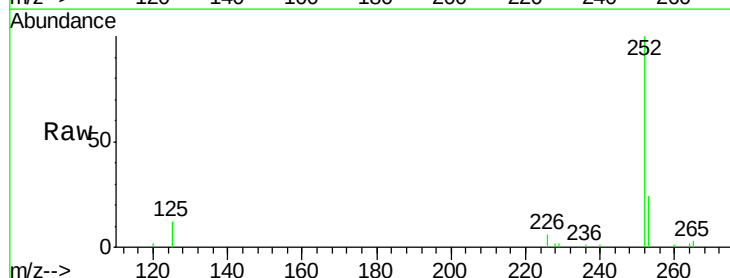
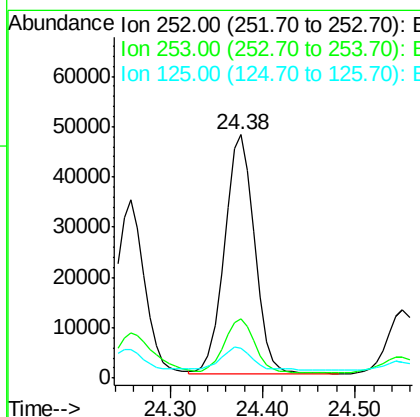
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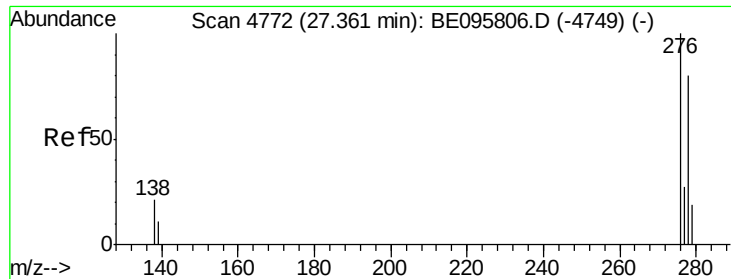
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#23
Benzo(a)pyrene
Concen: 5.169 ng/ul
RT: 24.38 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BE095811.D
Acq: 15 Mar 2018 19:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	28.5	42.7#
125	12.1	18.1	27.1#





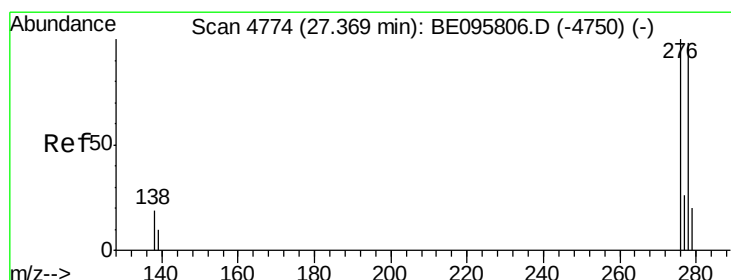
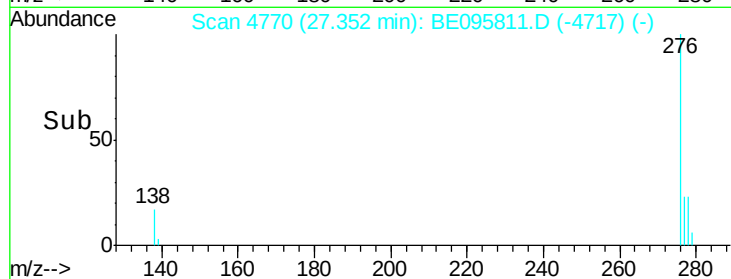
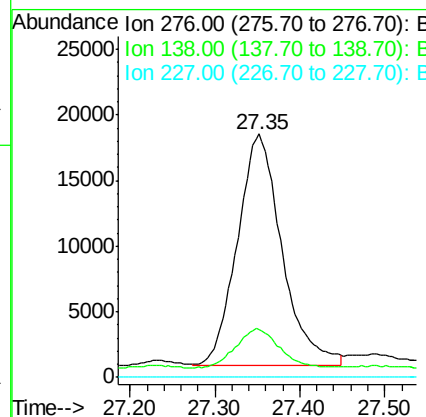
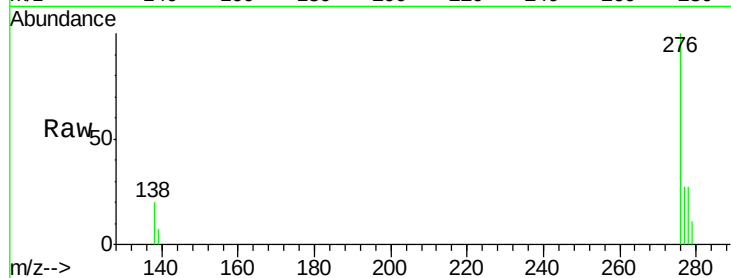
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.790 ng/ul m
 RT: 27.35 min Scan# 4770
 Delta R.T. -0.01 min
 Lab File: BE095811.D
 Acq: 15 Mar 2018 19:40

Instrument :
 BNA_E
 ClientSampleId :
 F6F21DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	28.0	42.0#
227	0.0	8.0	12.0#

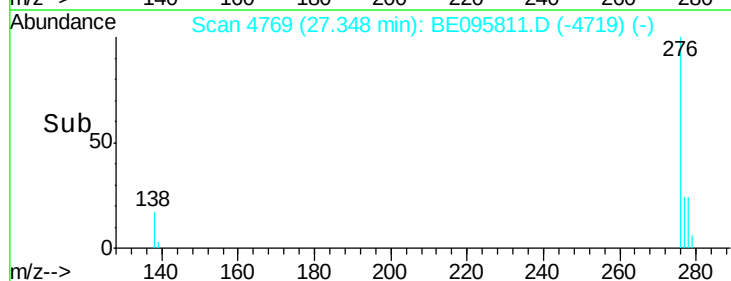
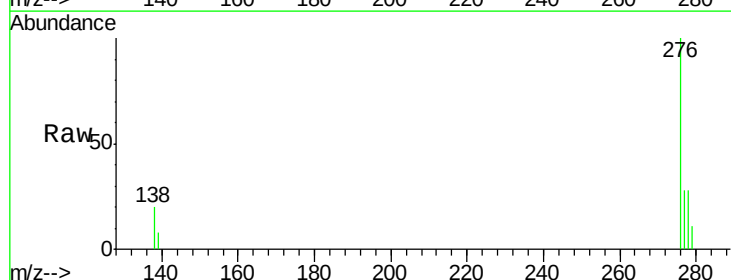
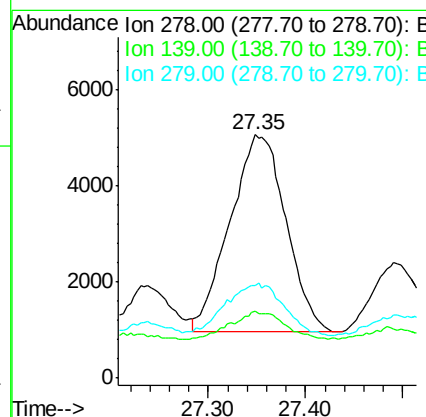
Manual Integrations
 APPROVED

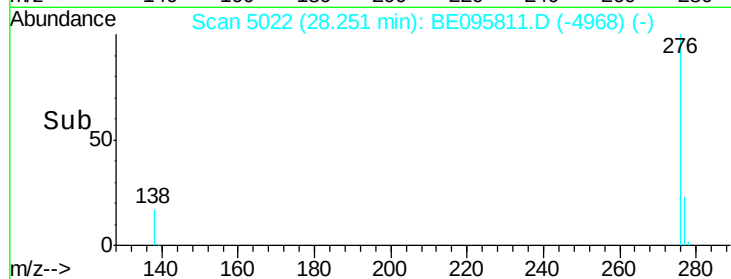
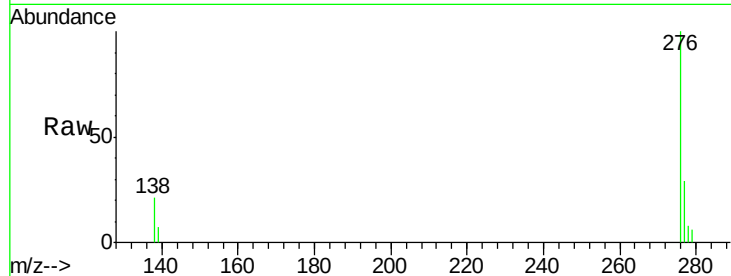
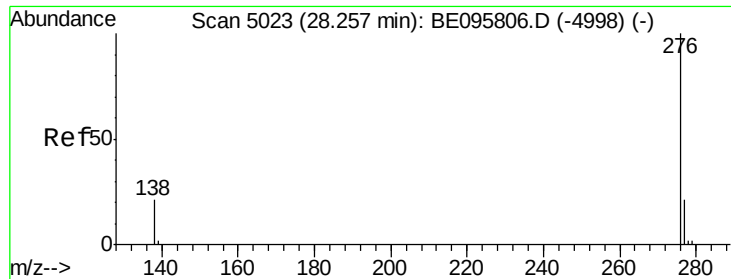
Sohil
 3/16/2018 12:03:26 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.893 ng/ul
 RT: 27.35 min Scan# 4769
 Delta R.T. -0.02 min
 Lab File: BE095811.D
 Acq: 15 Mar 2018 19:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.4	17.4	26.0#
279	38.1	25.9	38.9





#26
Benzo(a,h,i)perylene
Concen: 2.776 ng/ul
RT: 28.25 min Scan# 5022
Delta R.T. -0.01 min
Lab File: BE095811.D
Acq: 15 Mar 2018 19:40

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	21.8	32.8#
277	28.6	20.5	30.7

Instrument :
BNA_E
ClientSampleId :
F6F21DL

Manual Integrations
APPROVED

Sohil
3/16/2018 12:03:26 PM

