

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
 Data File : BE097433.D
 Acq On : 7 Sep 2018 22:44
 Operator : SJ/JU
 Sample : J4688-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z19

Manual Integrations
 APPROVED

Sohil
 9/11/2018 2:44:41 PM

Quant Time: Sep 08 03:55:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 08 02:48:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1007	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5666	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4136	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9978m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10705m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10532m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	2413	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	8844m	0.27	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.17	128	26306	1.904	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	20511	2.349	ng/ul	97
7) Acenaphthylene	13.73	152	37660	2.500	ng/ul	97
8) Acenaphthene	14.07	153	5555	0.429	ng/ul	96
9) Fluorene	15.06	166	10941	0.737	ng/ul	90
12) Phenanthrene	16.80	178	304785m	11.866	ng/ul	
13) Anthracene	16.89	178	27243m	1.262	ng/ul	
15) Fluoranthene	18.83	202	678366m	20.559	ng/ul	
17) Pyrene	19.20	202	526147	18.265	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	191230m	6.954	ng/ul	
19) Chrysene	21.00	228	291637	9.205	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	350442m	12.425	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	99204m	3.154	ng/ul	
23) Benzo(a)pyrene	23.11	252	176068m	6.748	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	144108m	4.261	ng/ul	
25) Dibenzo(a,h)anthracene	25.51	278	37041m	1.293	ng/ul	
26) Benzo(g,h,i)perylene	26.20	276	128657m	4.462	ng/ul	

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

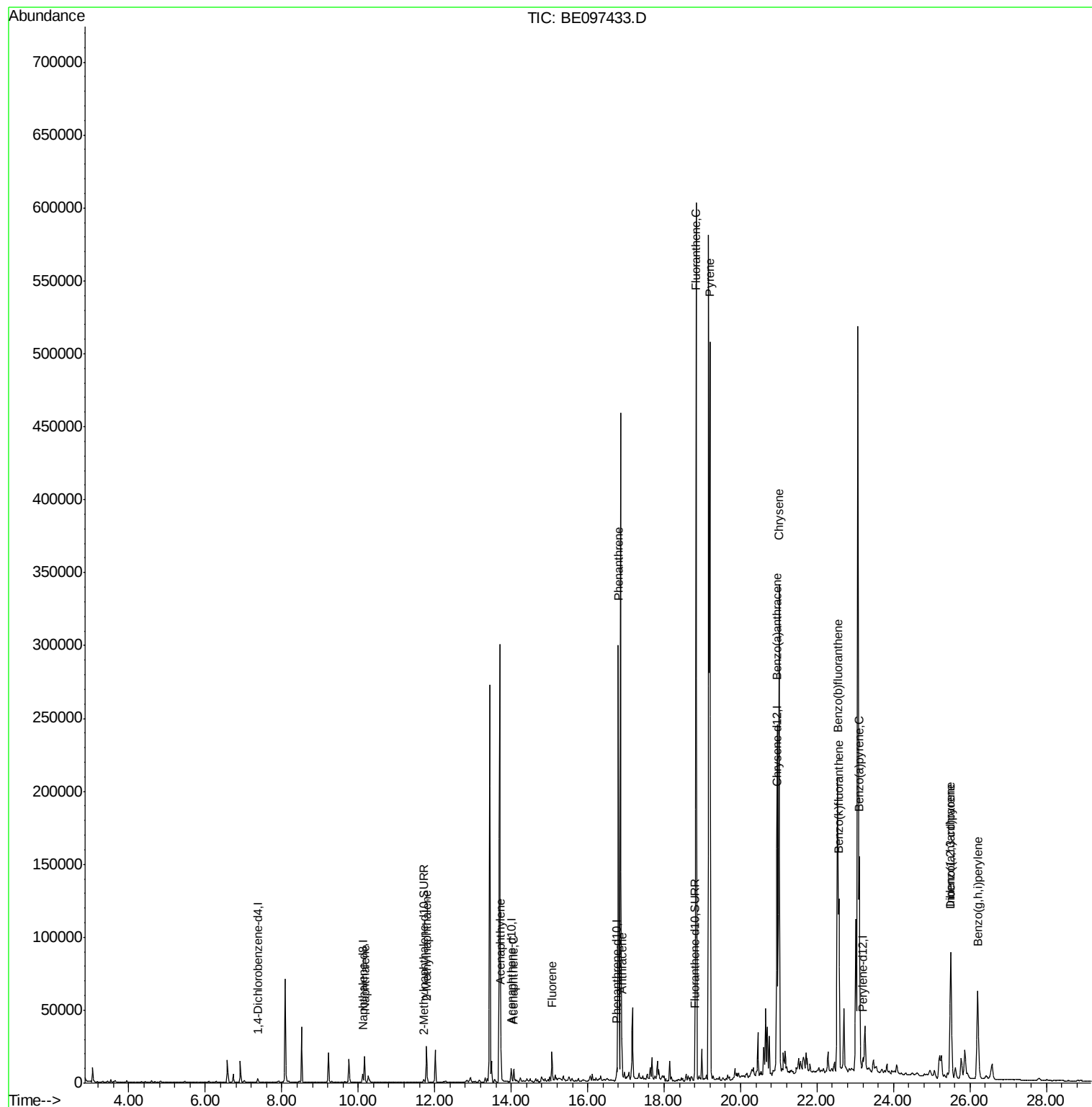
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
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ALS Vial : 18 Sample Multiplier: 1

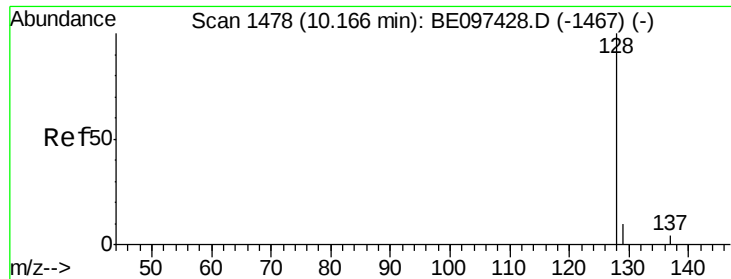
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 08 02:48:59 2018
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#3

Naphthalene

Concen: 1.904 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Instrument :

BNA_E

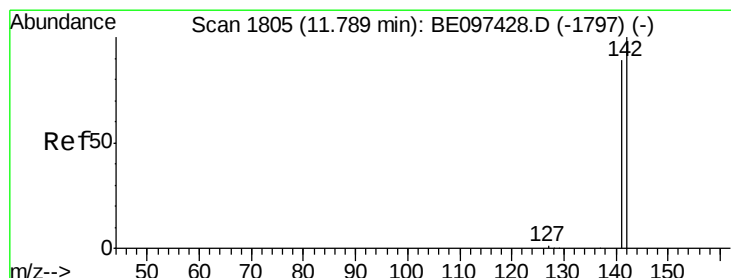
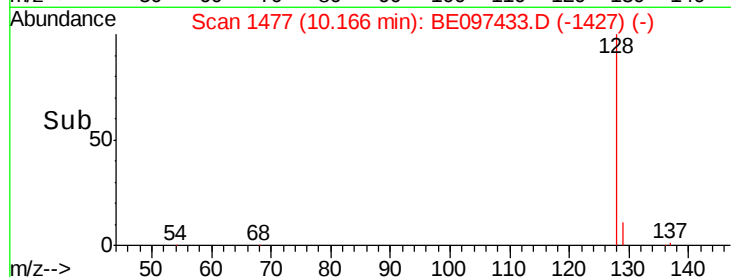
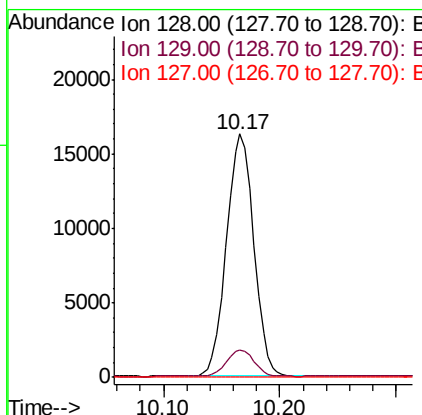
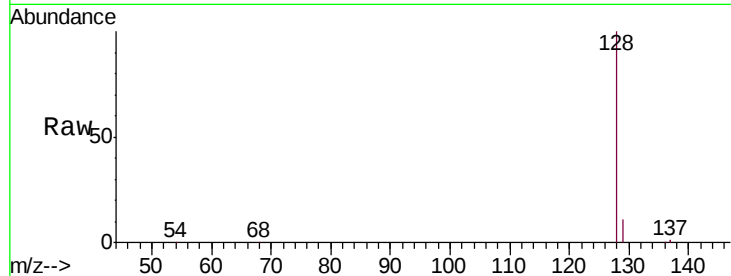
ClientSampleId :

A3Z19

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

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#5

2-Methylnaphthalene

Concen: 2.349 ng/ul

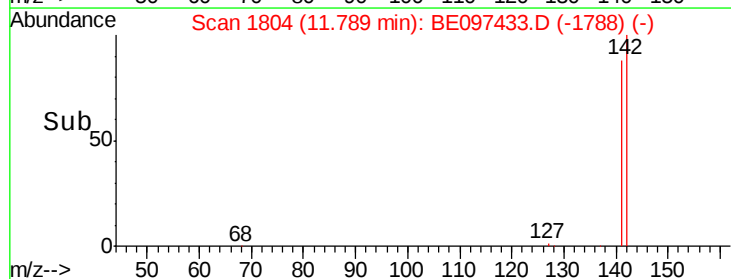
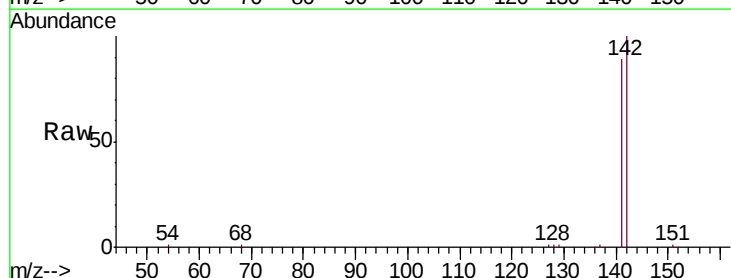
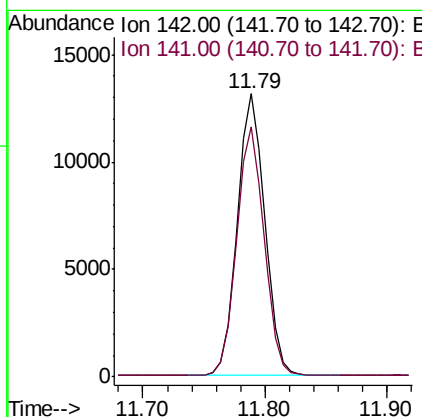
RT: 11.79 min Scan# 1804

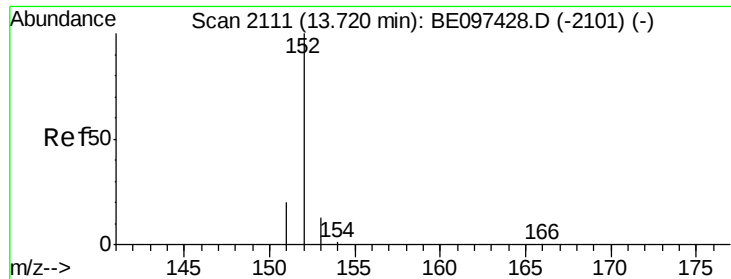
Delta R.T. 0.00 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.6	108.8





#7

Acenaphthylene

Concen: 2.500 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Instrument :

BNA_E

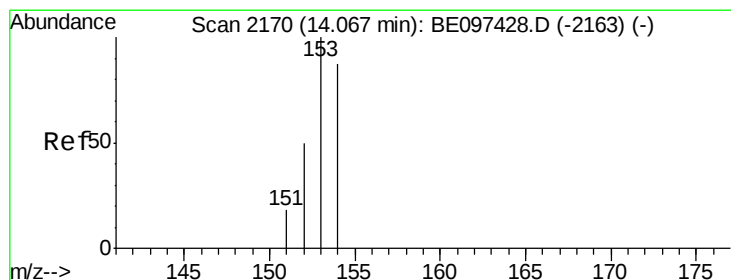
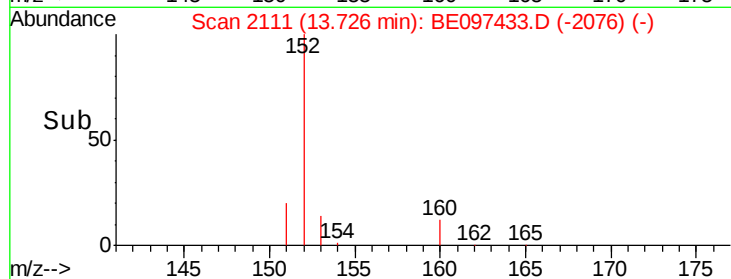
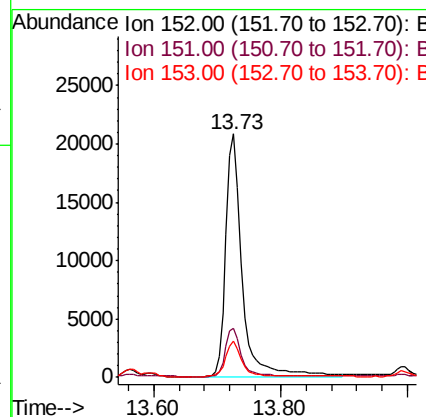
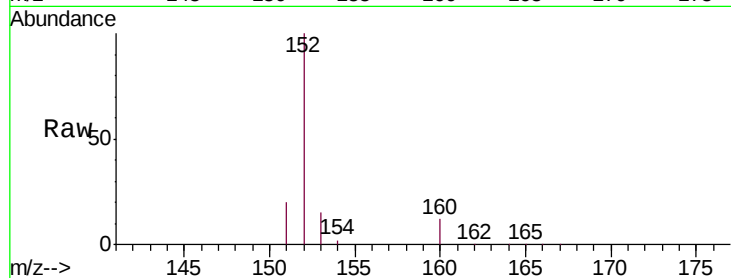
ClientSampleId :

A3Z19

Tgt Ion:	152	Resp:	37660
Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.1	25.7
153	14.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.429 ng/ul

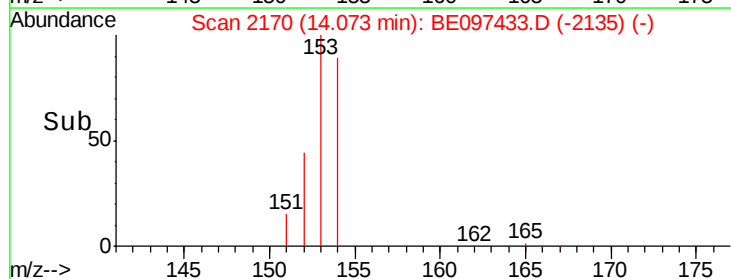
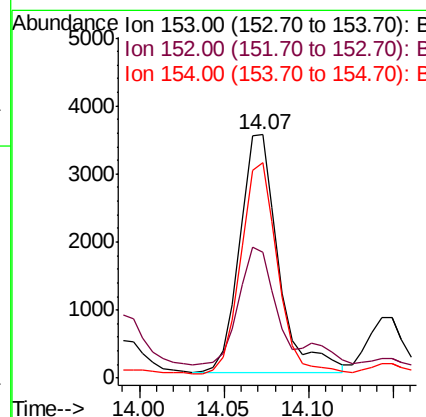
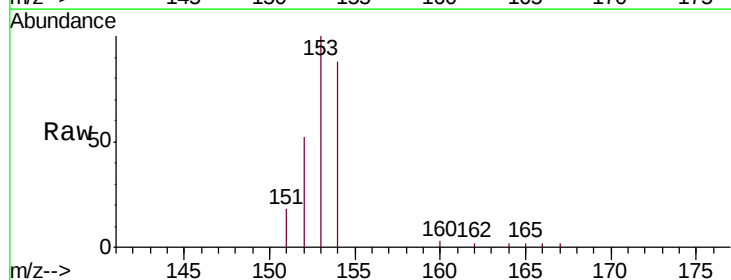
RT: 14.07 min Scan# 2170

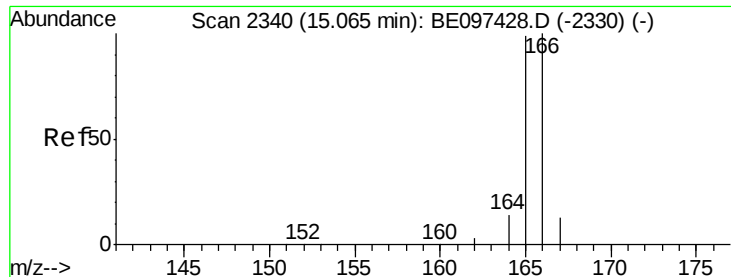
Delta R.T. 0.01 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Tgt Ion:	153	Resp:	5555
Ion	Ratio	Lower	Upper
153	100		
152	51.5	36.0	54.0
154	88.4	72.0	108.0





#9

Fluorene

Concen: 0.737 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Instrument :

BNA_E

ClientSampled :

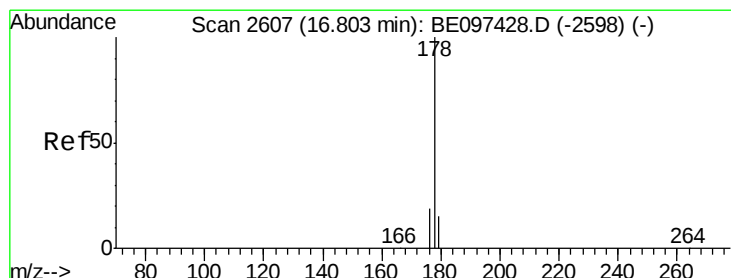
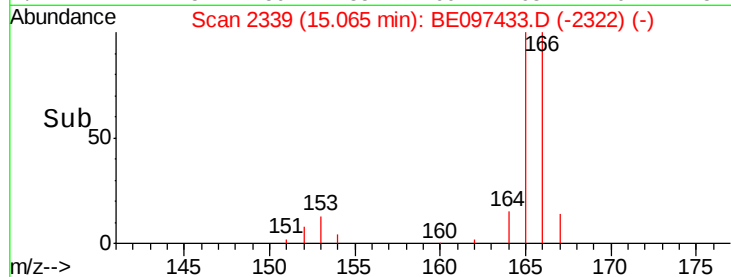
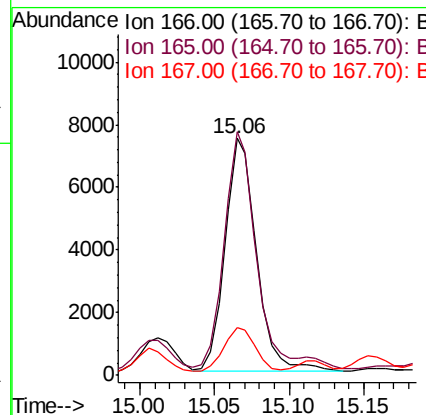
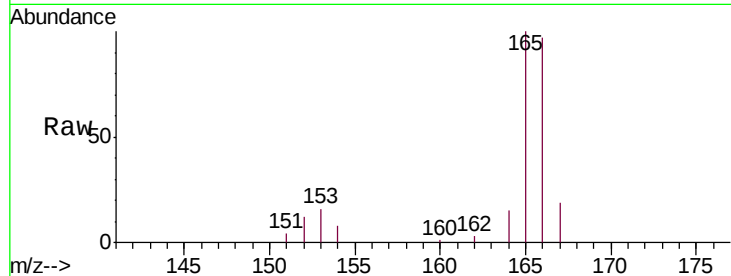
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.7	73.4	110.2
167	19.9	14.6	22.0

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#12

Phenanthrene

Concen: 11.866 ng/ul m

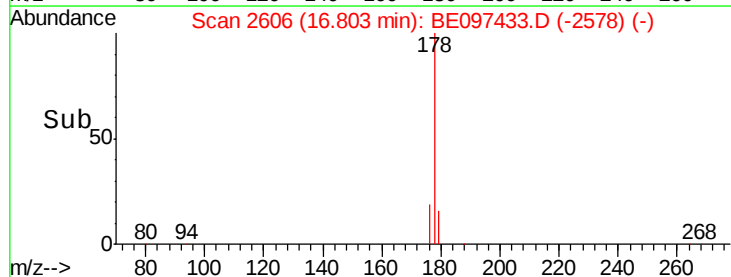
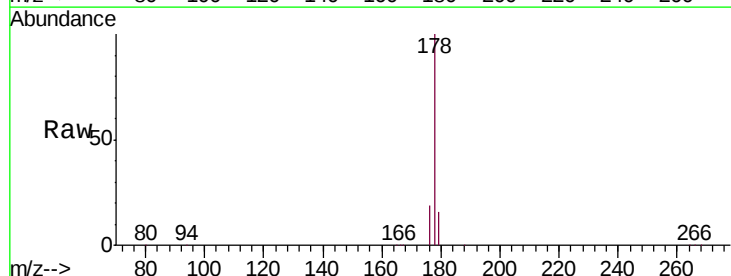
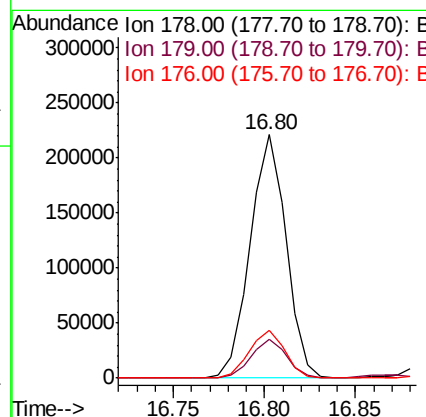
RT: 16.80 min Scan# 2606

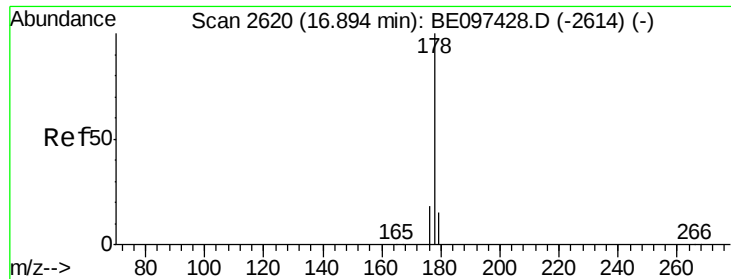
Delta R.T. -0.00 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	19.4	13.6	20.4





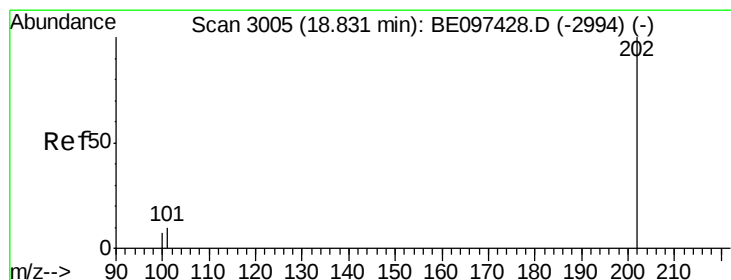
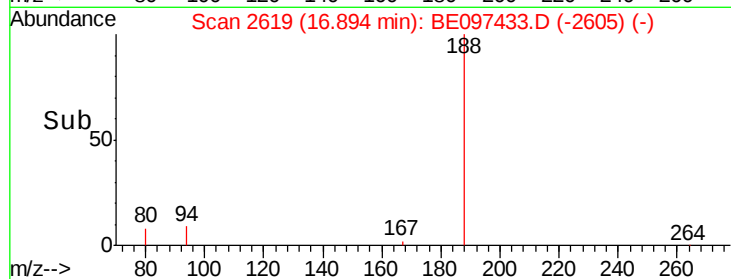
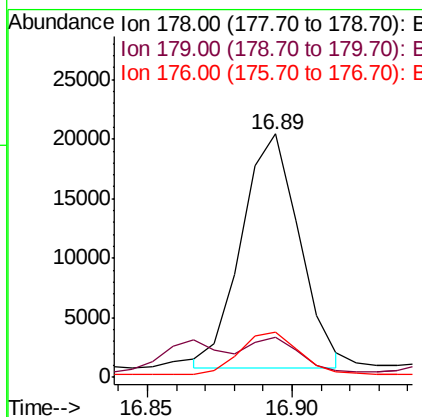
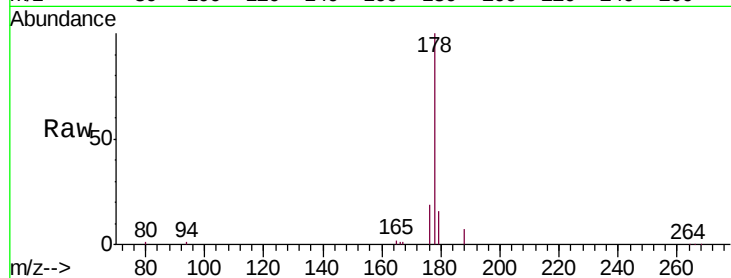
#13
 Anthracene
 Concen: 1.262 ng/ul m
 RT: 16.89 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: BE097433.D
 Acq: 7 Sep 2018 22:44

Instrument :
 BNA_E
 ClientSampleId :
 A3Z19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.1	27.1#
176	18.8	14.7	22.1

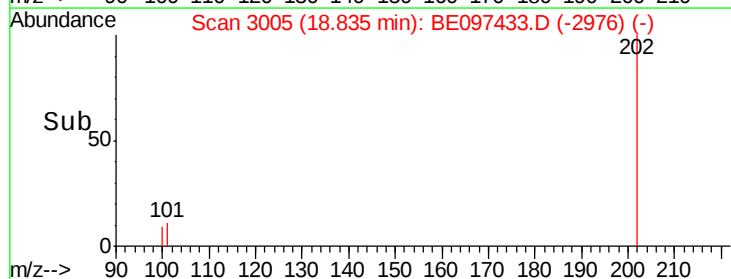
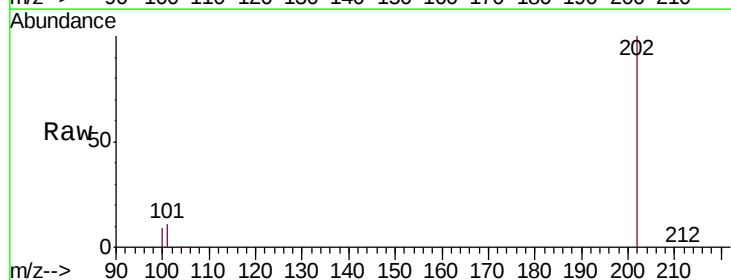
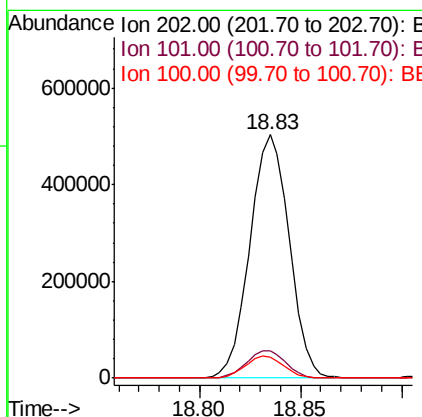
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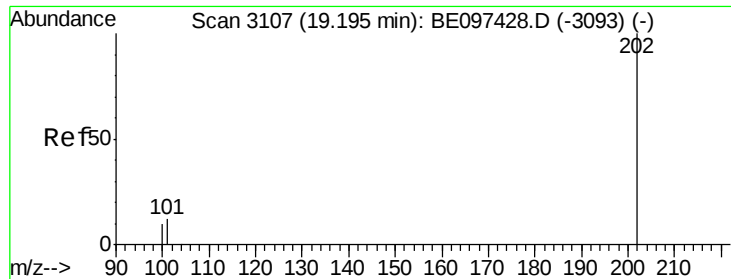
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#15
 Fluoranthene
 Concen: 20.559 ng/ul m
 RT: 18.83 min Scan# 3005
 Delta R.T. 0.00 min
 Lab File: BE097433.D
 Acq: 7 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
100	8.6	0.0	39.5





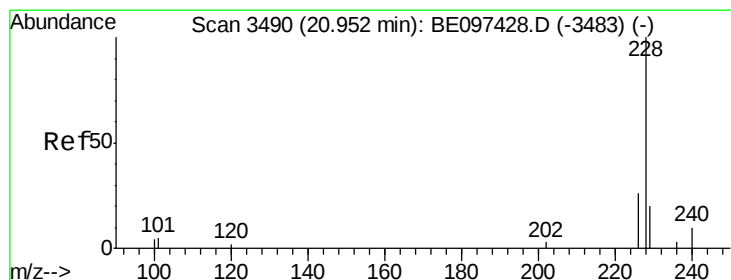
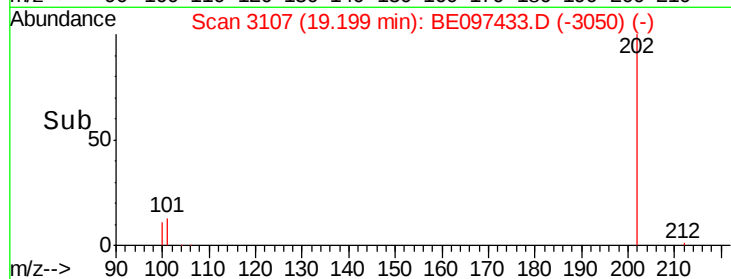
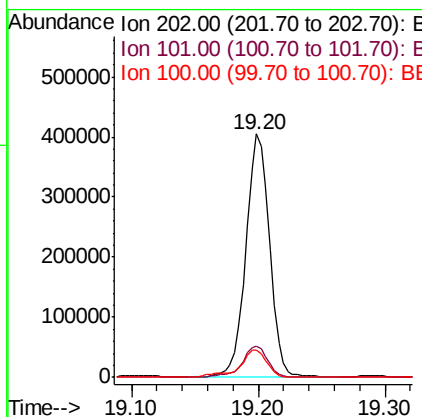
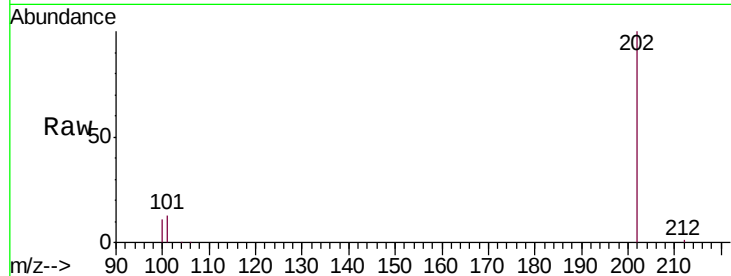
#17
 Pyrene
 Concen: 18.265 ng/ul
 RT: 19.20 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BE097433.D
 Acq: 7 Sep 2018 22:44

Instrument :
 BNA_E
 ClientSampled :
 A3Z19

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.0	18.2	27.4#
100	11.1	15.6	23.4#

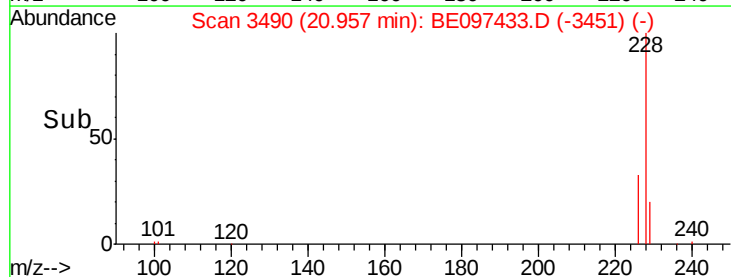
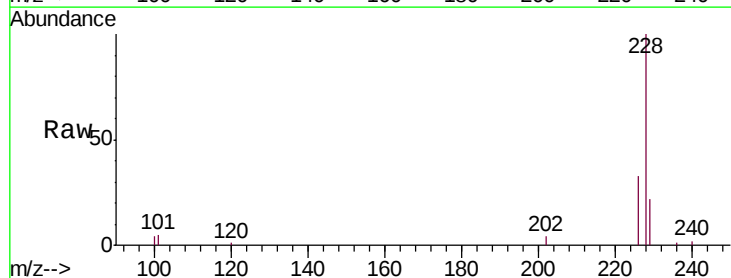
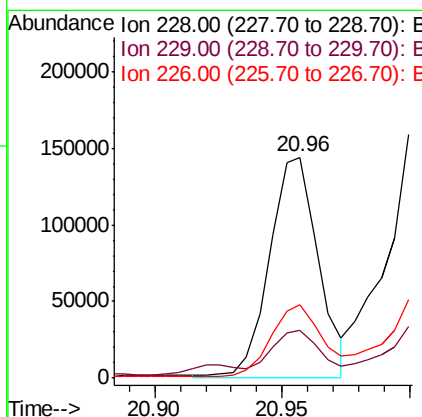
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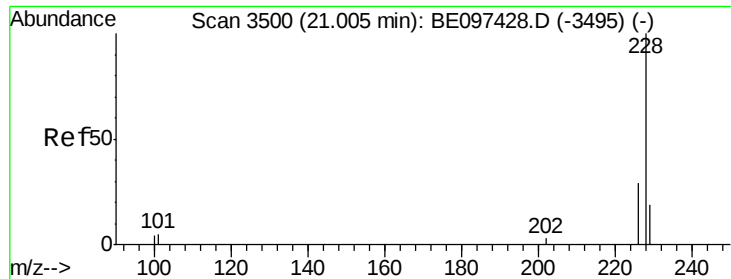
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#18
 Benzo(a)anthracene
 Concen: 6.954 ng/ul m
 RT: 20.96 min Scan# 3490
 Delta R.T. 0.01 min
 Lab File: BE097433.D
 Acq: 7 Sep 2018 22:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.8	22.8	34.2#
226	33.1	17.0	25.6#





#19

Chrysene

Concen: 9.205 ng/ul

RT: 21.00 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Instrument :

BNA_E

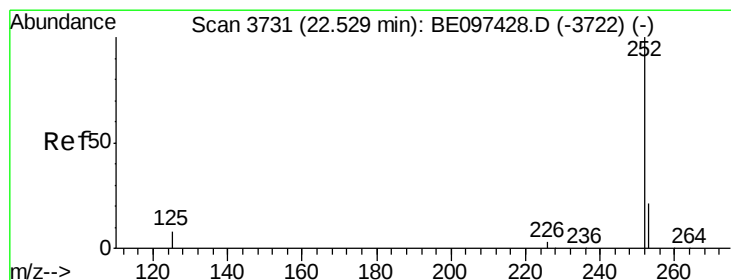
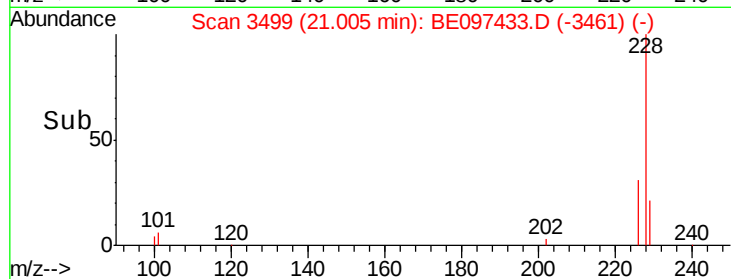
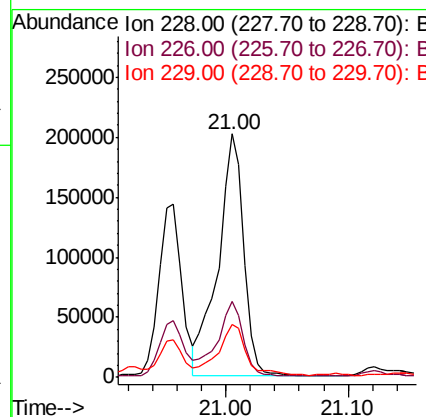
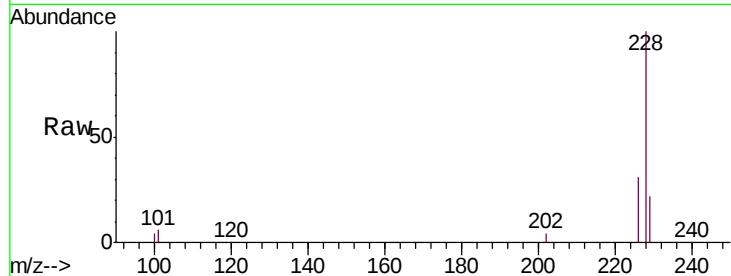
ClientSampled :

A3Z19

Tgt Ion:	228	Resp:	291637
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.4	35.0
229	21.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 12.425 ng/ul m

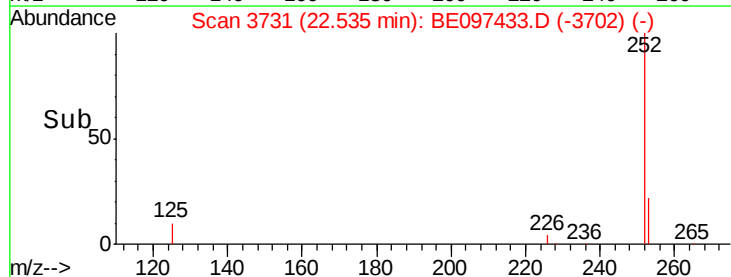
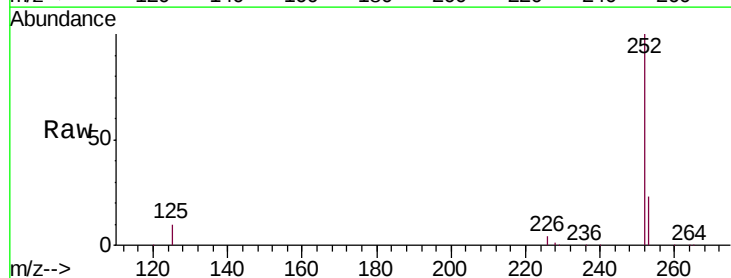
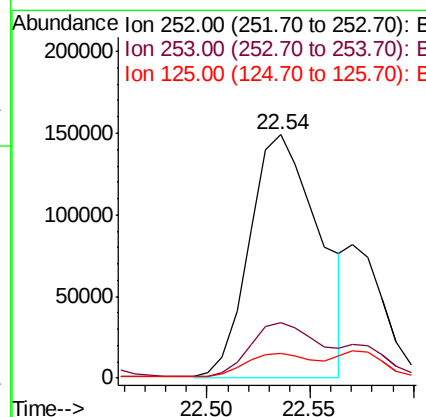
RT: 22.54 min Scan# 3731

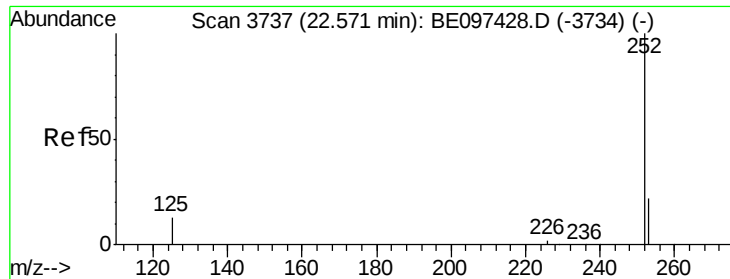
Delta R.T. 0.01 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Tgt Ion:	252	Resp:	350442
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	10.1	0.0	35.0





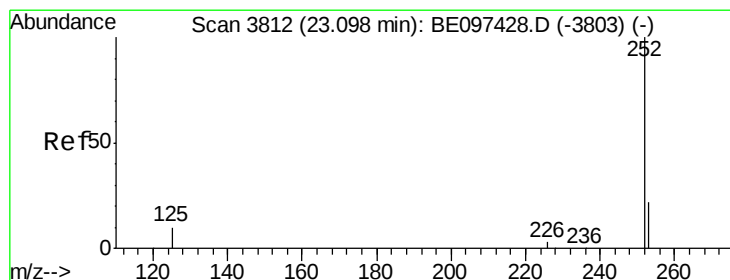
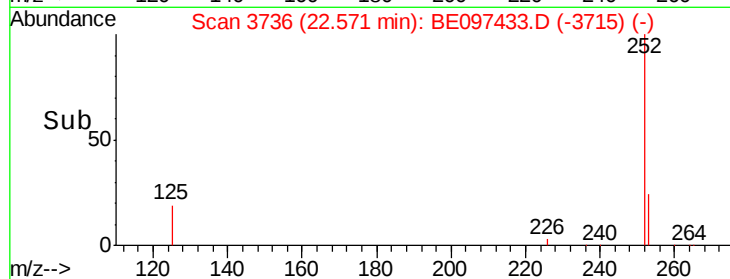
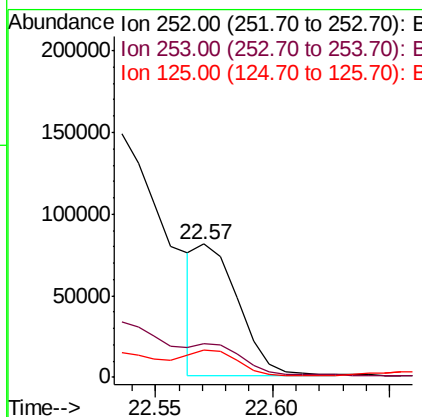
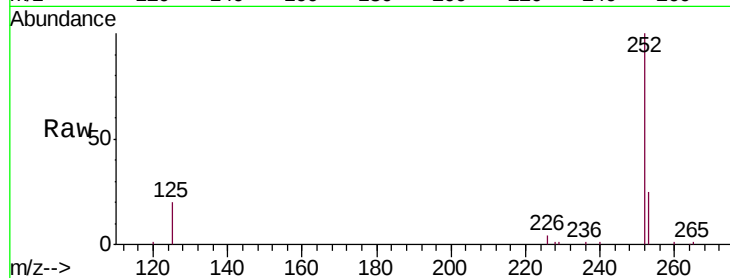
#22
Benzo(k)fluoranthene
Concen: 3.154 ng/ul m
RT: 22.57 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BE097433.D
Acq: 7 Sep 2018 22:44

Instrument :
BNA_E
ClientSampleId :
A3Z19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	24.5	36.7
125	20.3	13.7	20.5

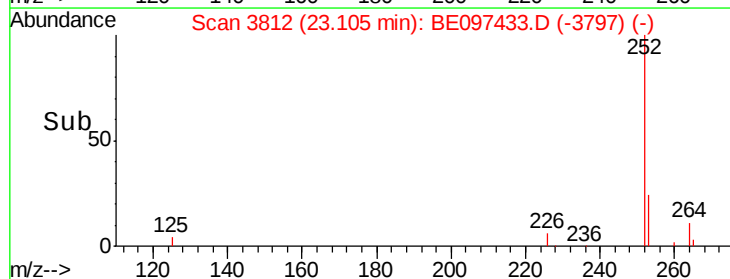
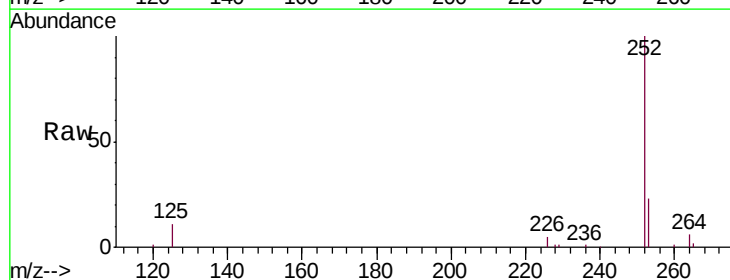
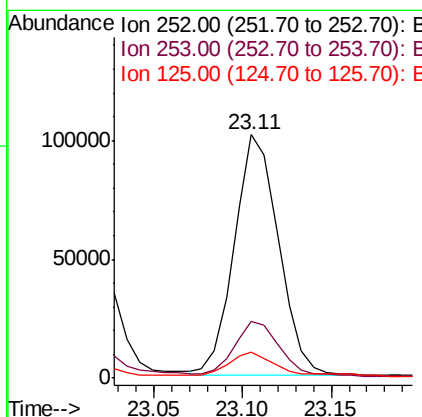
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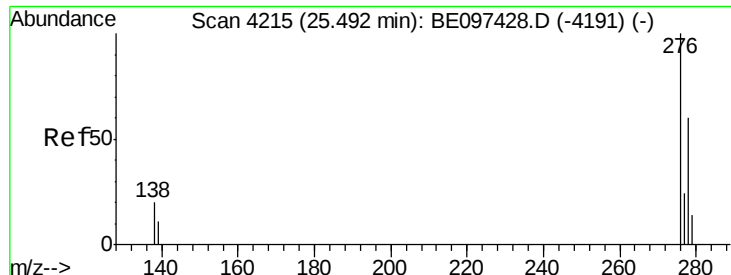
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#23
Benzo(a)pyrene
Concen: 6.748 ng/ul m
RT: 23.11 min Scan# 3812
Delta R.T. 0.01 min
Lab File: BE097433.D
Acq: 7 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	10.6	18.1	27.1#





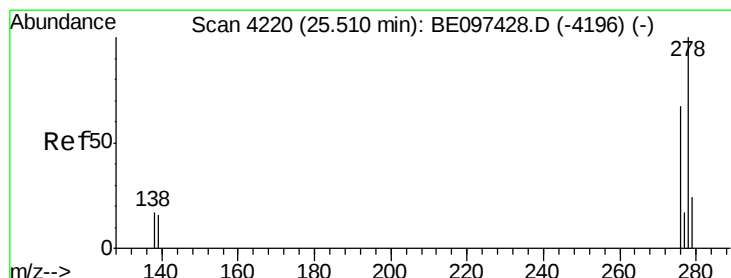
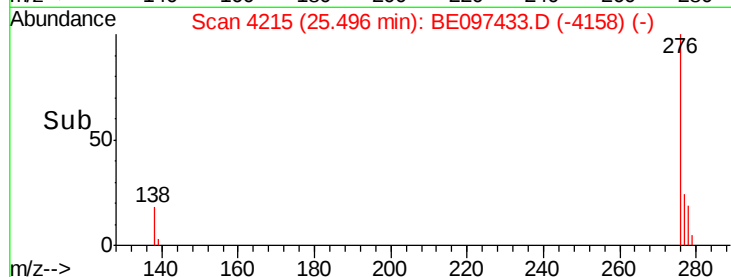
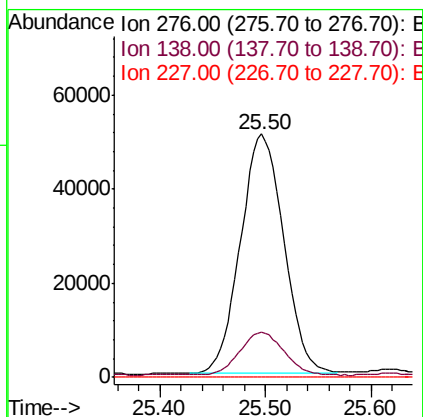
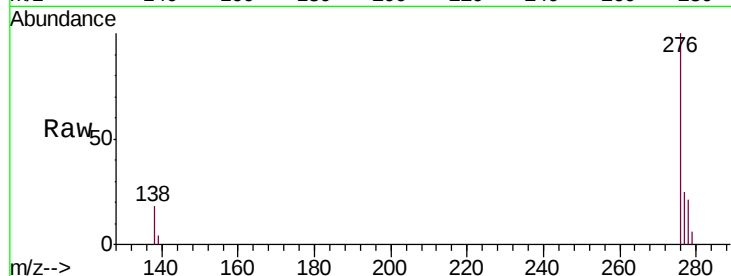
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 4.261 ng/ul m
 RT: 25.50 min Scan# 4215
 Delta R.T. 0.00 min
 Lab File: BE097433.D
 Acq: 7 Sep 2018 22:44

Instrument :
 BNA_E
 ClientSampleId :
 A3Z19

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	2.6	28.0	42.0#
227	0.0	8.0	12.0#

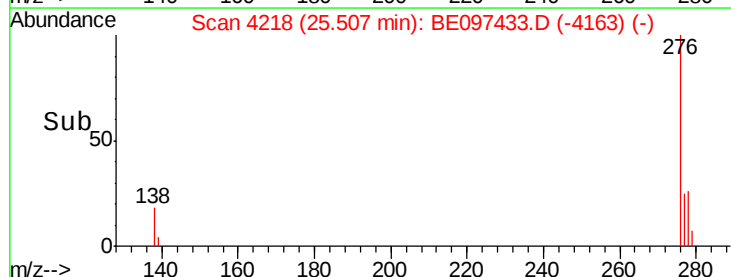
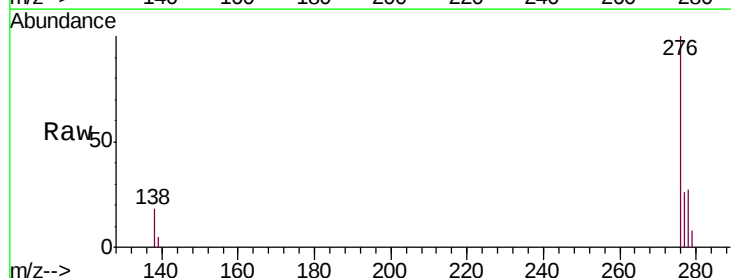
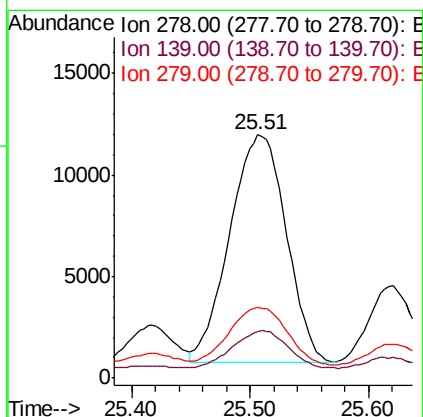
Manual Integrations
 APPROVED

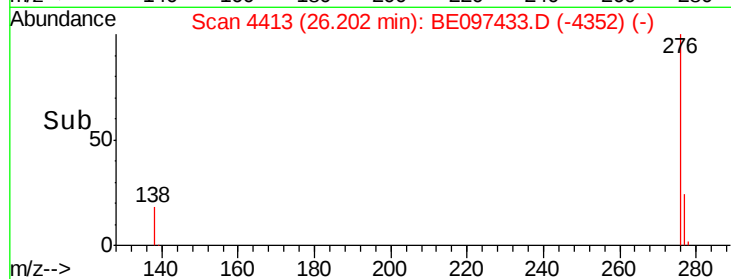
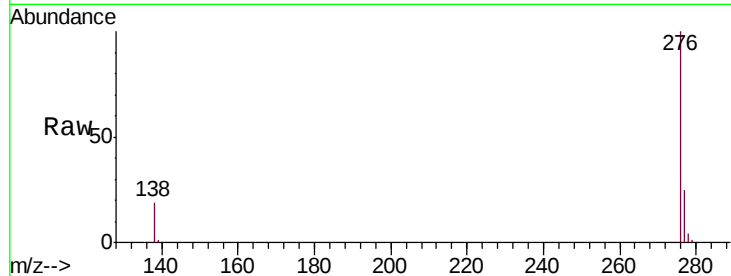
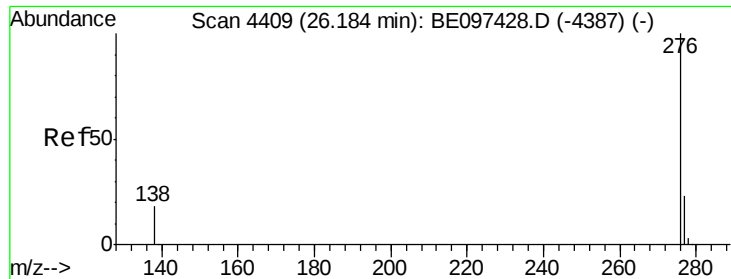
Sohil
 9/11/2018 2:44:41 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.293 ng/ul m
 RT: 25.51 min Scan# 4218
 Delta R.T. -0.00 min
 Lab File: BE097433.D
 Acq: 7 Sep 2018 22:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	19.1	17.4	26.0
279	29.3	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 4.462 ng/ul m

RT: 26.20 min Scan# 4413

Delta R.T. 0.02 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Instrument :

BNA_E

ClientSampleId :

A3Z19

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
138	18.9	21.8	32.8#		
277	24.5	20.5	30.7		

Manual Integrations
APPROVED

Sohil
9/11/2018 2:44:41 PM

