

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
 Data File : BE097427.D
 Acq On : 7 Sep 2018 16:35
 Operator : SJ/JU
 Sample : J4688-20MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z22MSD

Manual Integrations
 APPROVED

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 9/11/2018 2:43:59 PM

Quant Time: Sep 08 00:45:03 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 : Fri Sep 07 23:49:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1020	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5603	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4301	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9872	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11518	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11931	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2105	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	7300	0.22	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.17	128	18664	1.366	ng/ul#	92
5) 2-Methylnaphthalene	11.79	142	13213	1.530	ng/ul	99
7) Acenaphthylene	13.73	152	25336	1.617	ng/ul	99
8) Acenaphthene	14.07	153	18360	1.362	ng/ul	95
9) Fluorene	15.07	166	16691	1.081	ng/ul#	87
11) Pentachlorophenol	16.43	266	479	0.493	ng/ul	95
12) Phenanthrene	16.80	178	334054	13.145	ng/ul#	89
13) Anthracene	16.89	178	64692	3.028	ng/ul#	94
15) Fluoranthene	18.83	202	720947	22.084	ng/ul	84
17) Pyrene	19.20	202	673559	21.731	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	363205	12.275	ng/ul#	84
19) Chrysene	21.01	228	437587	12.836	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	609964m	19.091	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	170553m	4.787	ng/ul	
23) Benzo(a)pyrene	23.11	252	341478	11.552	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	262594	6.854	ng/ul#	78
25) Dibenzo(a,h)anthracene	25.51	278	71532	2.204	ng/ul	93
26) Benzo(g,h,i)perylene	26.21	276	238168	7.292	ng/ul#	90

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

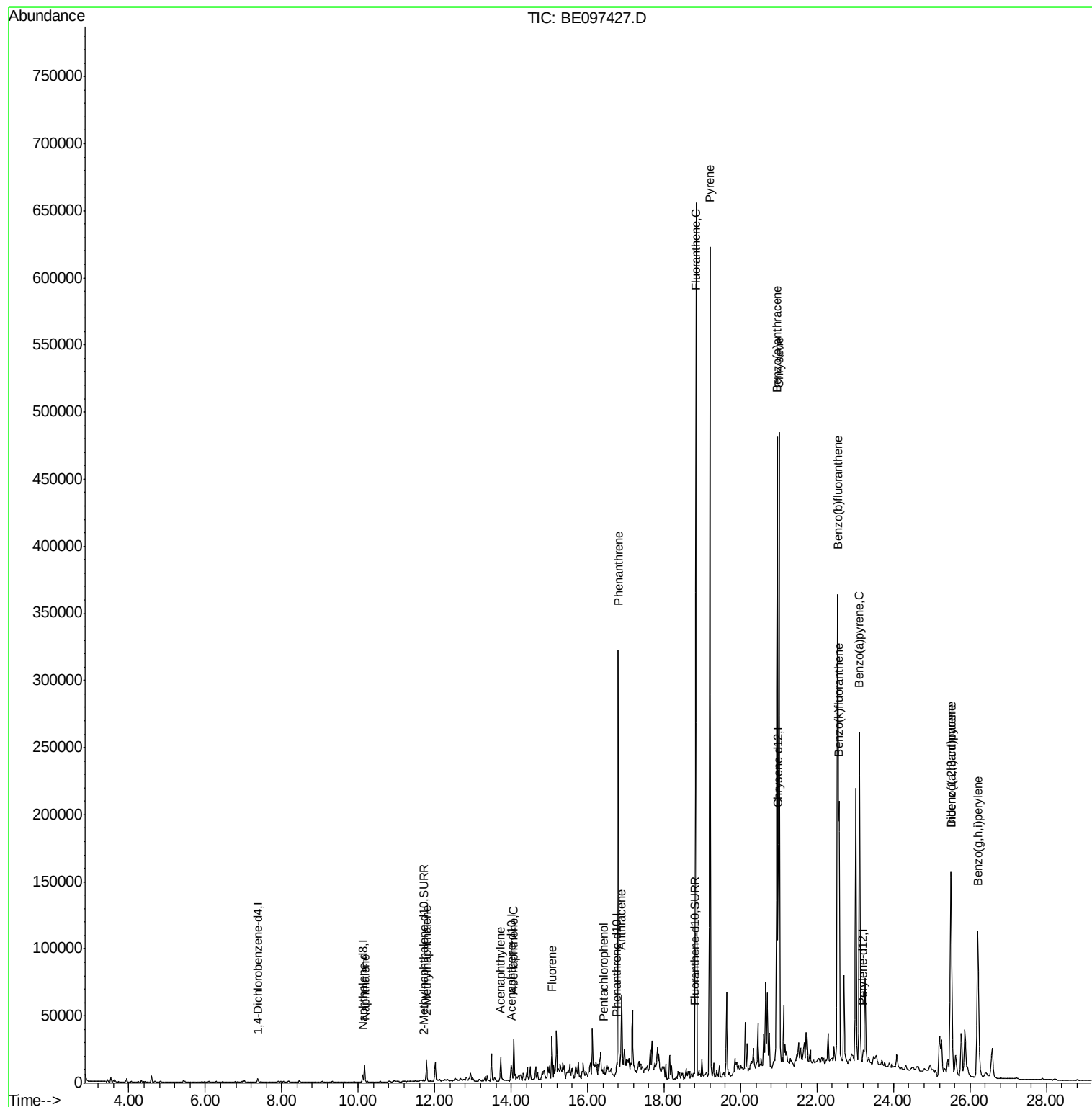
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
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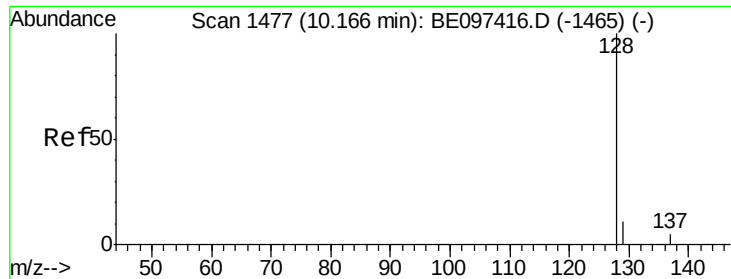
Instrument :
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ClientSampleId :
A3Z22MSD

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Quant Time: Sep 08 00:45:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
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QLast Update : Fri Sep 07 23:49:56 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.366 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BE097427.D

Acq: 7 Sep 2018 16:35

Instrument :

BNA_E

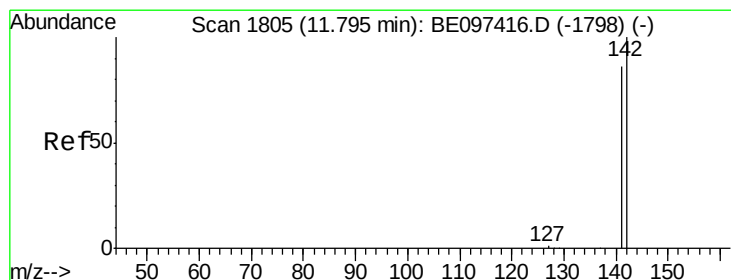
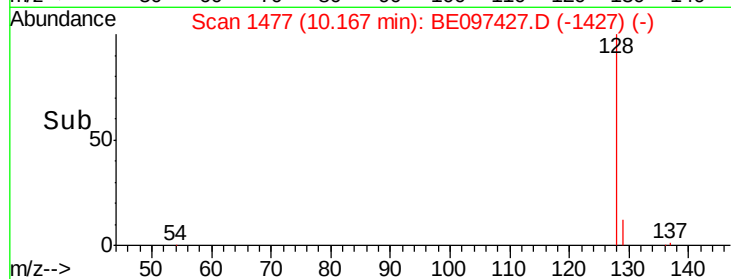
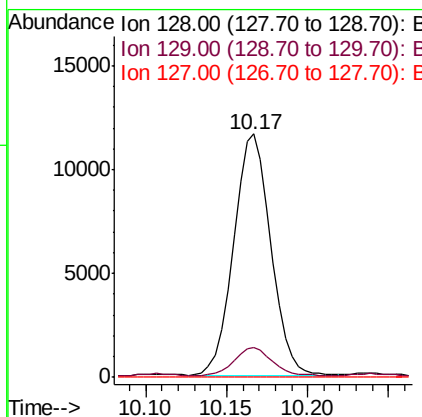
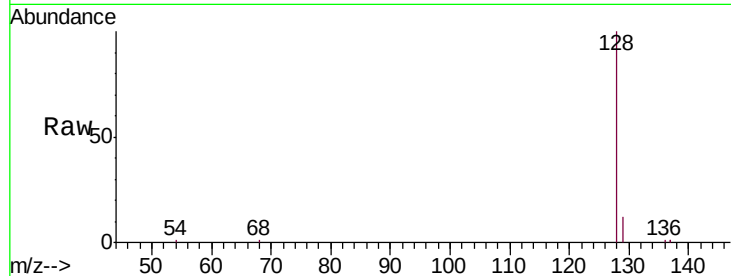
ClientSampleId :

A3Z22MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 1.530 ng/ul

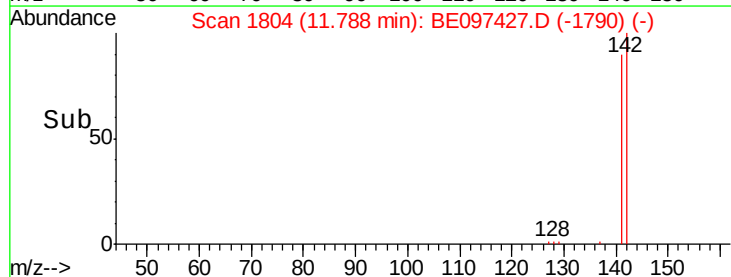
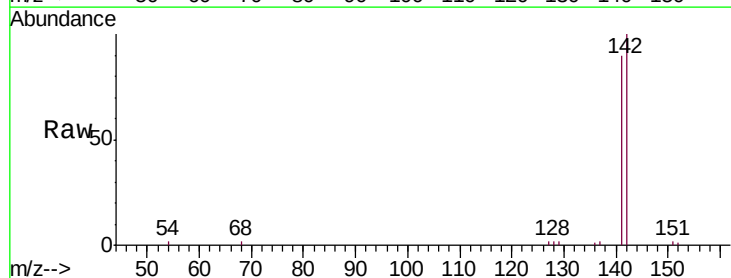
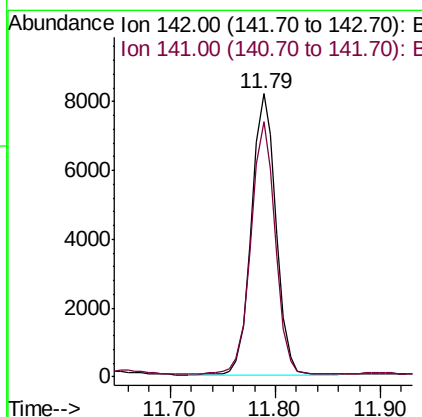
RT: 11.79 min Scan# 1804

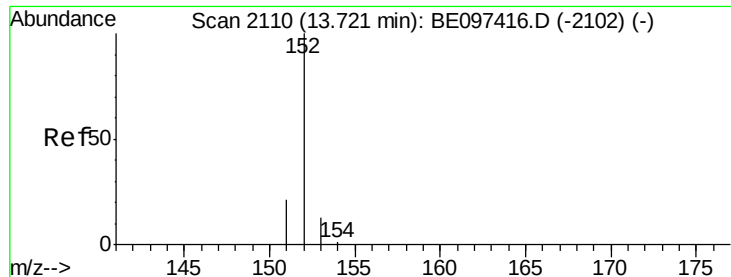
Delta R.T. -0.01 min

Lab File: BE097427.D

Acq: 7 Sep 2018 16:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8





#7

Acenaphthylene

Concen: 1.617 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BE097427.D

Acq: 7 Sep 2018 16:35

Instrument :

BNA_E

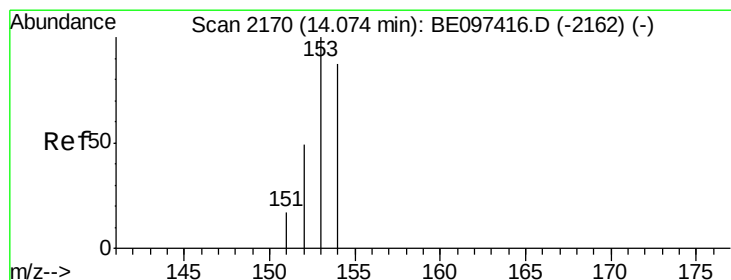
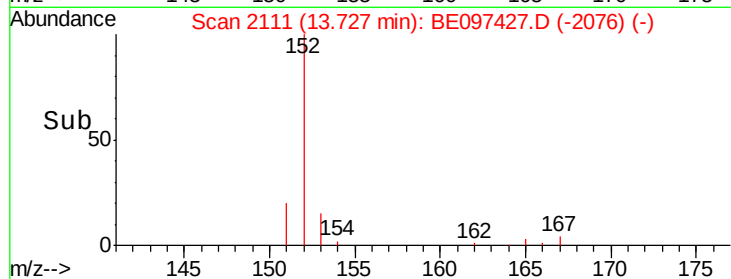
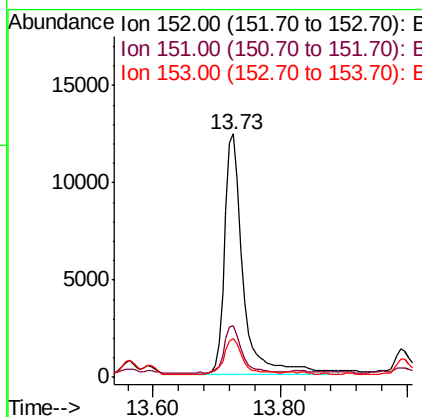
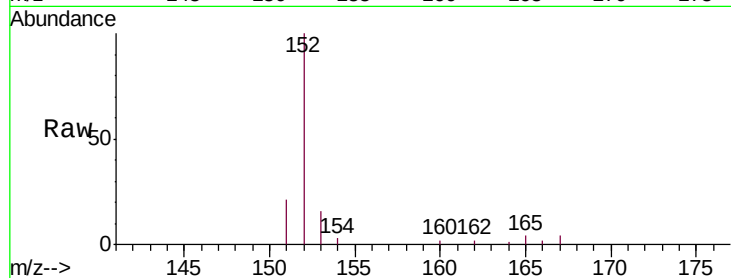
ClientSampleId :

A3Z22MSD

Tgt Ion:	152	Resp:	25336
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.1	25.7
153	15.9	12.8	19.2

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#8

Acenaphthene

Concen: 1.362 ng/ul

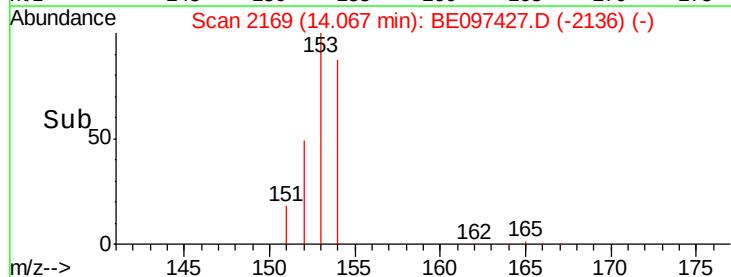
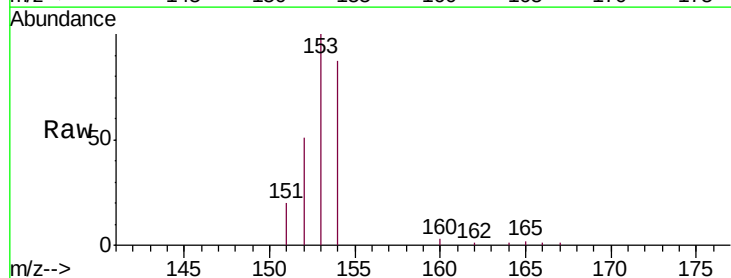
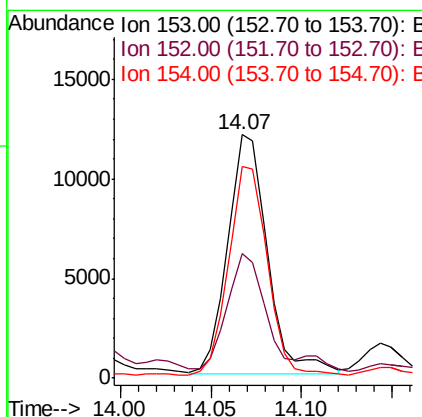
RT: 14.07 min Scan# 2169

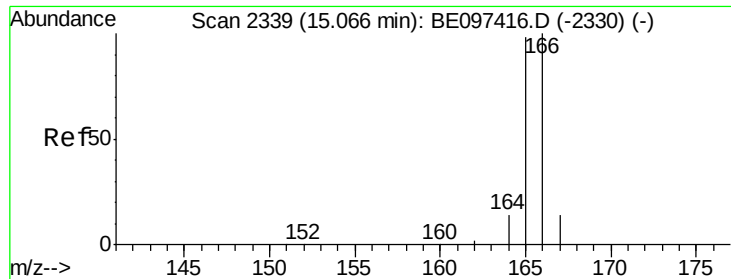
Delta R.T. -0.01 min

Lab File: BE097427.D

Acq: 7 Sep 2018 16:35

Tgt Ion:	153	Resp:	18360
Ion Ratio	Lower	Upper	
153	100		
152	51.3	36.0	54.0
154	87.0	72.0	108.0





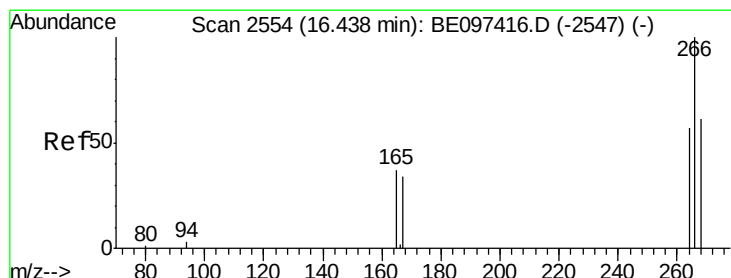
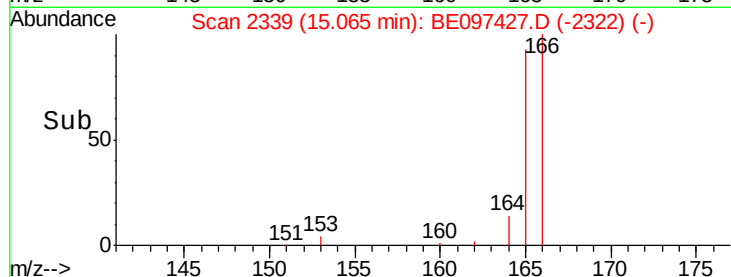
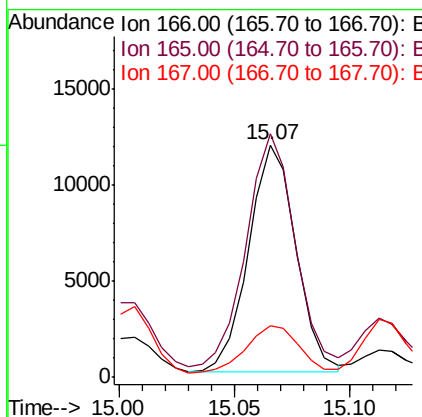
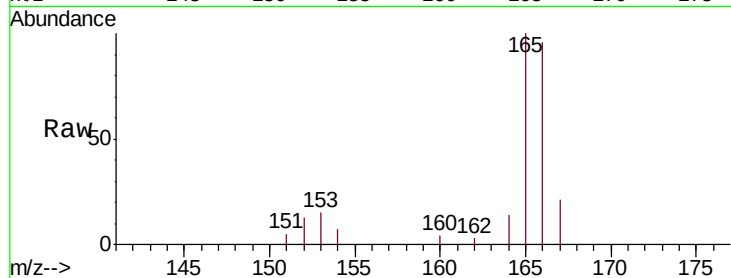
#9
Fluorene
 Concen: 1.081 ng/ul
 RT: 15.07 min Scan# 2339
 Delta R.T. -0.00 min
 Lab File: BE097427.D
 Acq: 7 Sep 2018 16:35

Instrument :
 BNA_E
 ClientSampleId :
 A3Z22MSD

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.7	73.4	110.2
167	22.0	14.6	22.0#

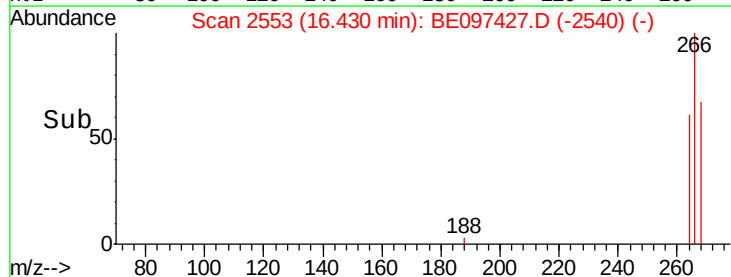
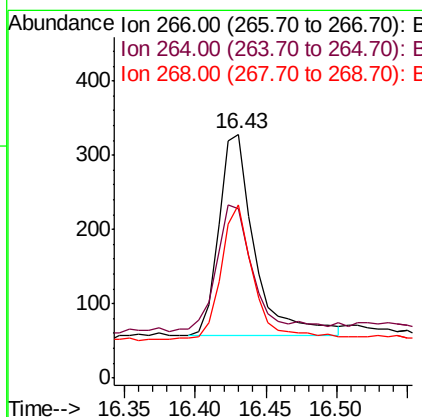
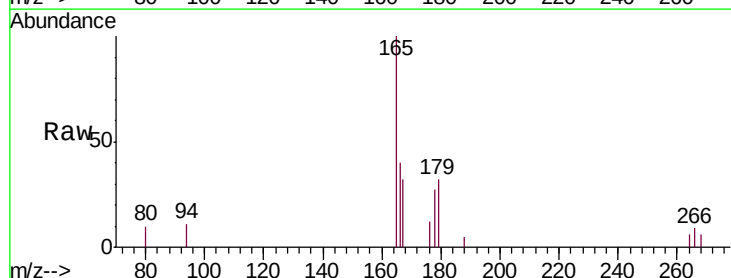
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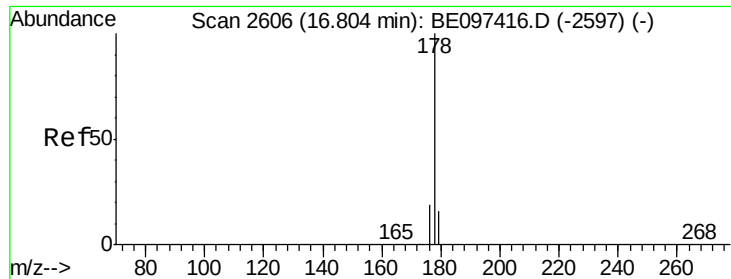
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#11
Pentachlorophenol
 Concen: 0.493 ng/ul
 RT: 16.43 min Scan# 2553
 Delta R.T. -0.01 min
 Lab File: BE097427.D
 Acq: 7 Sep 2018 16:35

Tgt Ion	Ratio	Lower	Upper
266	100		
264	67.2	47.9	71.9
268	61.2	49.8	74.8





#12

Phenanthrene

Concen: 13.145 ng/ul

RT: 16.80 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BE097427.D

Acq: 7 Sep 2018 16:35

Instrument :

BNA_E

ClientSampleId :

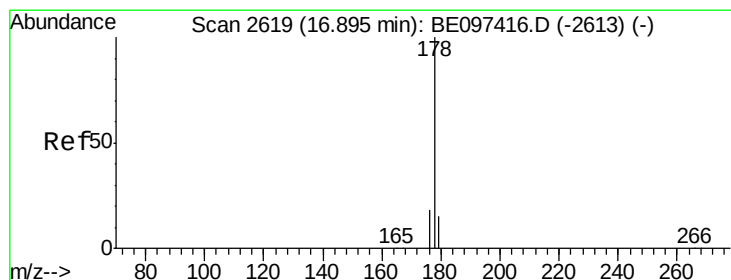
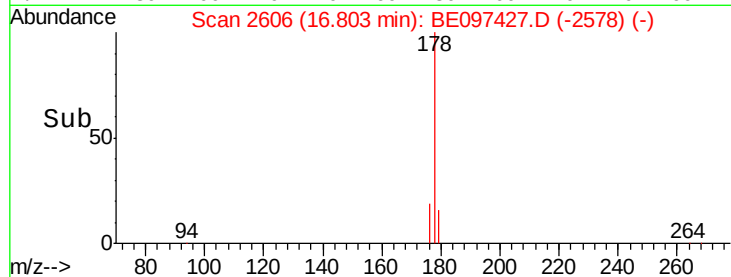
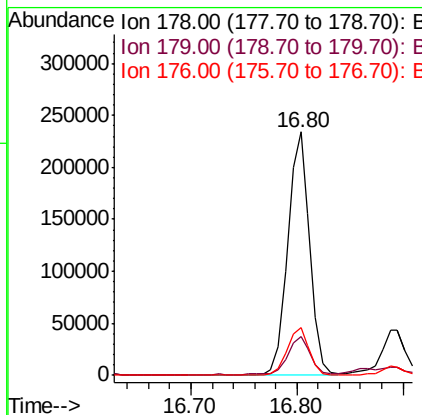
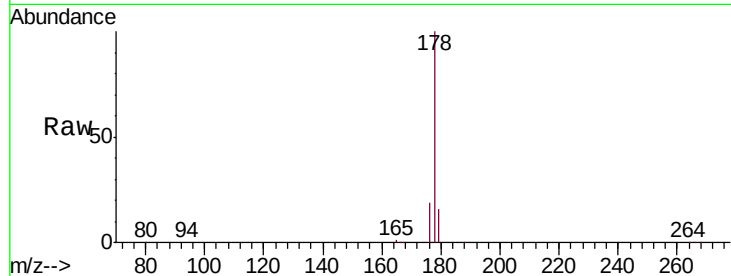
A3Z22MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.4	27.6#
176	19.5	13.6	20.4

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#13

Anthracene

Concen: 3.028 ng/ul

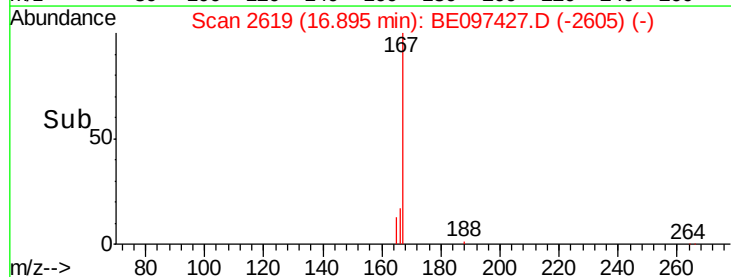
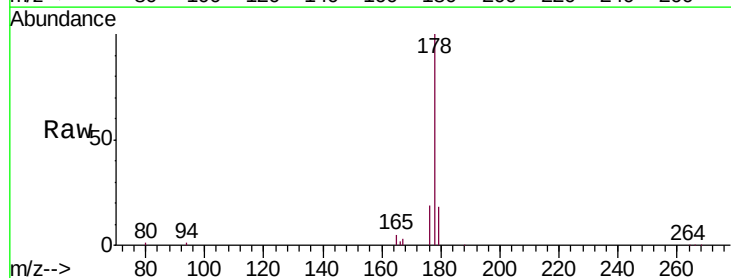
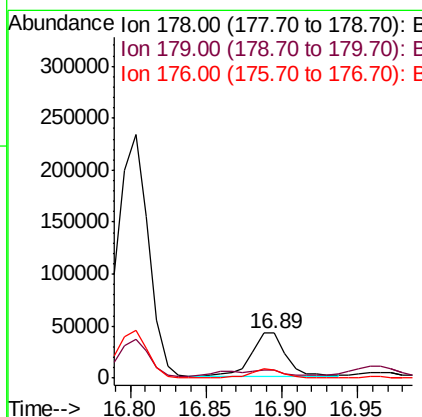
RT: 16.89 min Scan# 2619

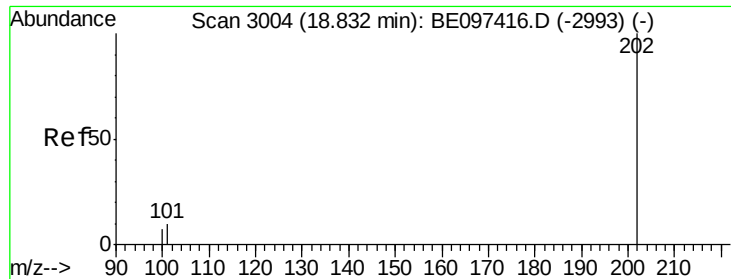
Delta R.T. -0.00 min

Lab File: BE097427.D

Acq: 7 Sep 2018 16:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.7	18.1	27.1#
176	18.5	14.7	22.1





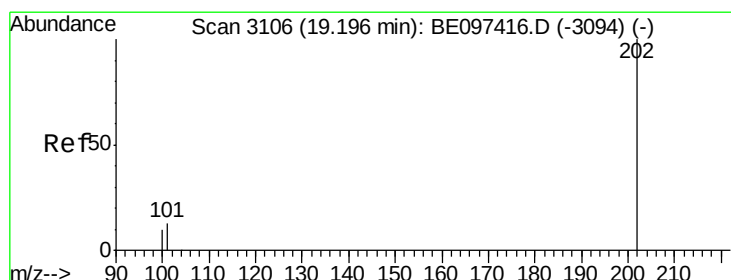
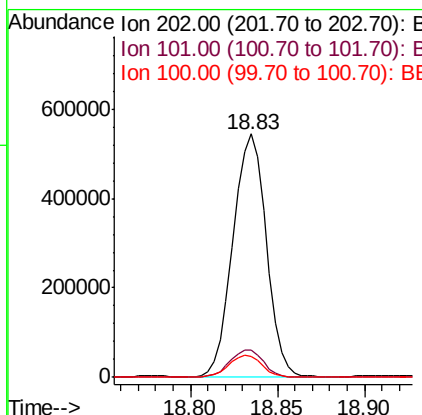
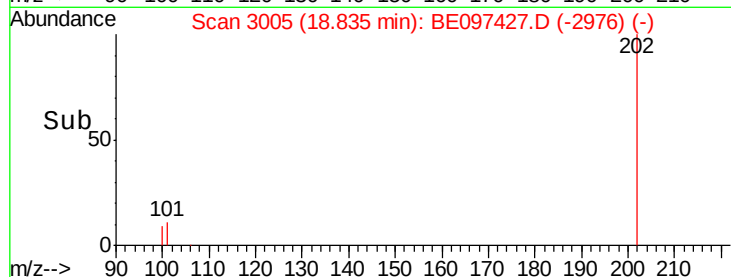
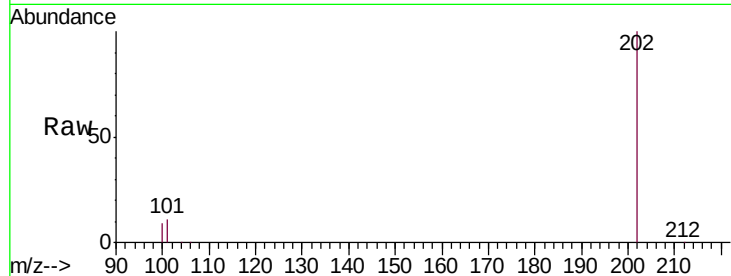
#15
Fluoranthene
 Concen: 22.084 ng/ul
 RT: 18.83 min Scan# 3005
 Delta R.T. 0.00 min
 Lab File: BE097427.D
 Acq: 7 Sep 2018 16:35

Instrument :
 BNA_E
 ClientSampleId :
 A3Z22MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	0.0	30.3
100	8.7	0.0	39.5

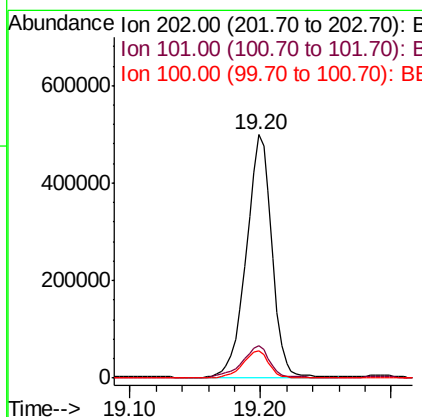
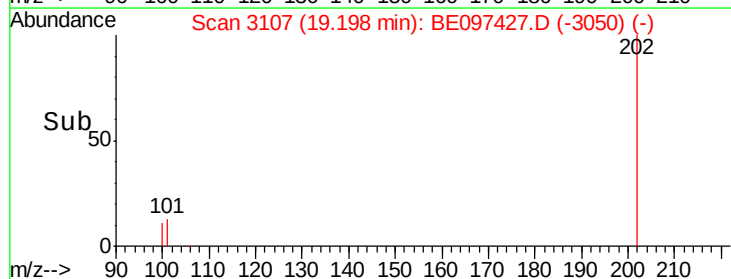
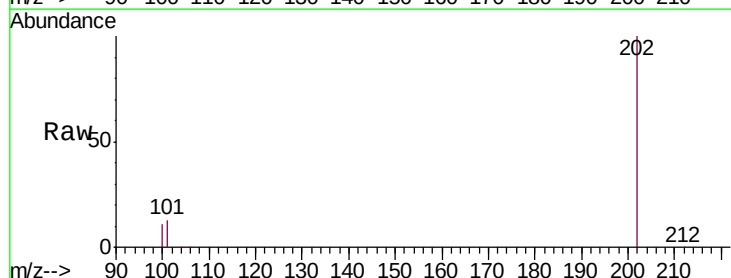
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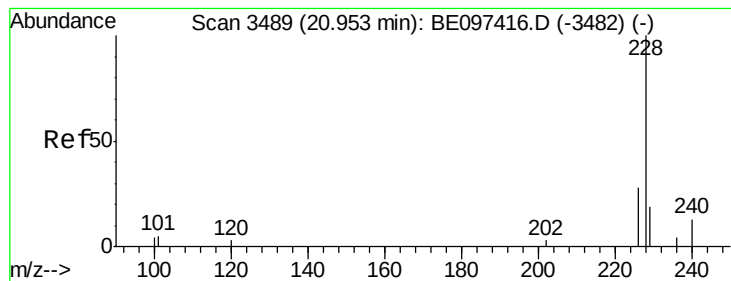
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#17
Pyrene
 Concen: 21.731 ng/ul
 RT: 19.20 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BE097427.D
 Acq: 7 Sep 2018 16:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	18.2	27.4#
100	11.1	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 12.275 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. 0.01 min

Lab File: BE097427.D

Acq: 7 Sep 2018 16:35

Instrument :

BNA_E

ClientSampleId :

A3Z22MSD

Tgt Ion:228 Resp: 363205
Ion Ratio Lower Upper

228 100

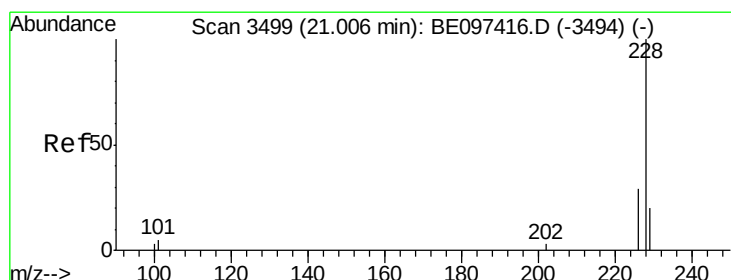
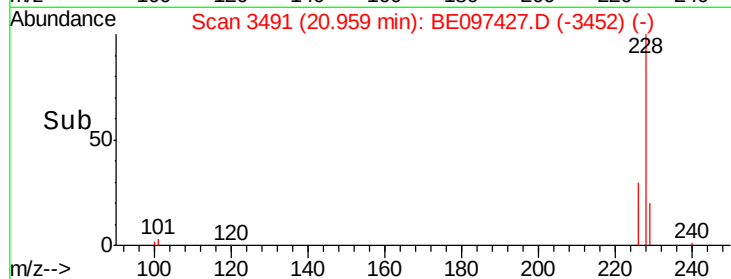
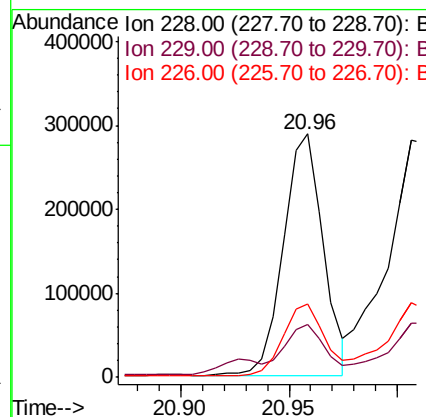
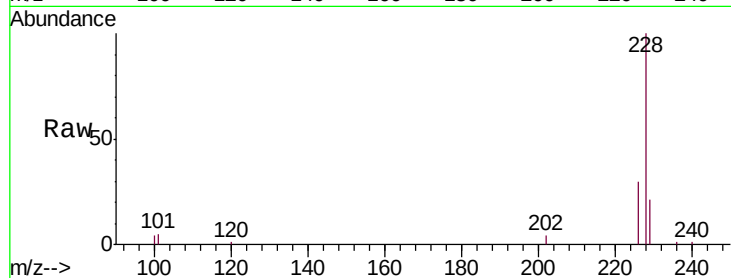
229 21.5 22.8 34.2#

226 30.1 17.0 25.6#

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#19

Chrysene

Concen: 12.836 ng/ul

RT: 21.01 min Scan# 3500

Delta R.T. 0.00 min

Lab File: BE097427.D

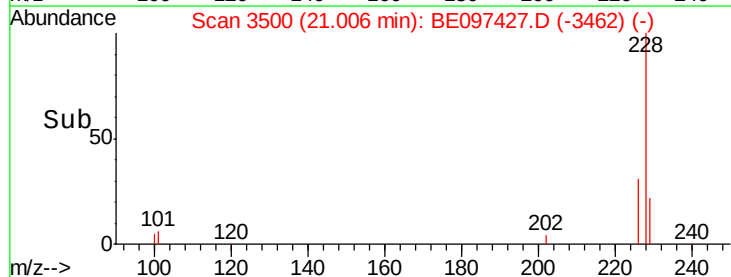
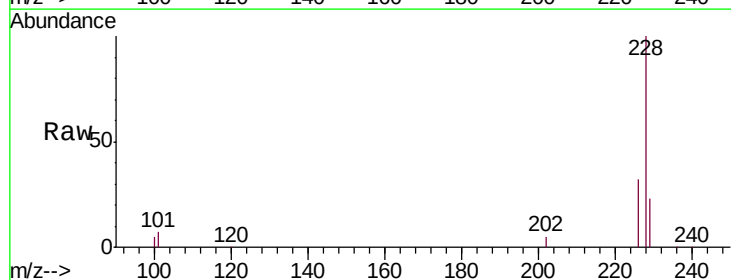
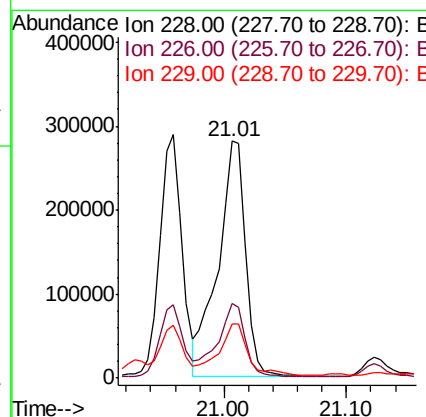
Acq: 7 Sep 2018 16:35

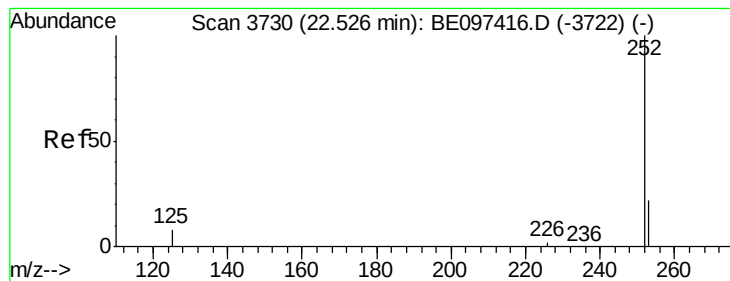
Tgt Ion:228 Resp: 437587
Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.0

229 22.6 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 19.091 ng/ul m

RT: 22.54 min Scan# 3733

Delta R.T. 0.01 min

Lab File: BE097427.D

Acq: 7 Sep 2018 16:35

Instrument :

BNA_E

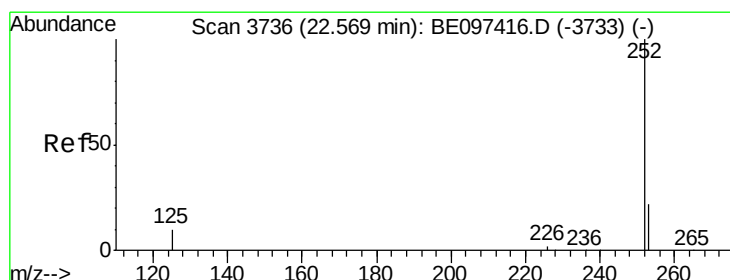
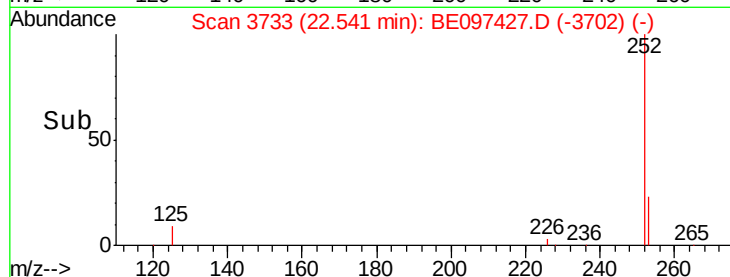
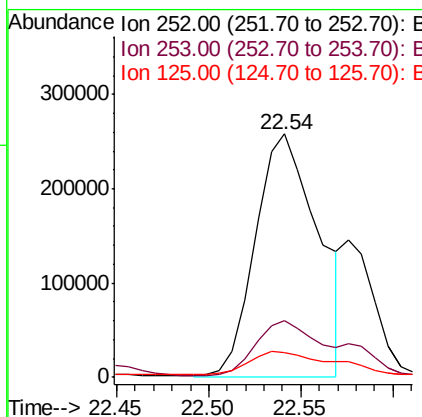
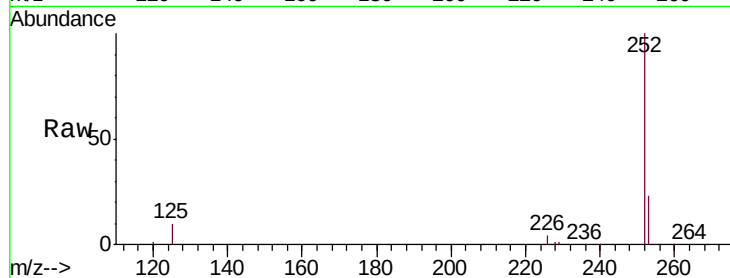
ClientSampleId :

A3Z22MSD

Tgt Ion:	252	Resp:	609964
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	64.2
125	10.3	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 4.787 ng/ul m

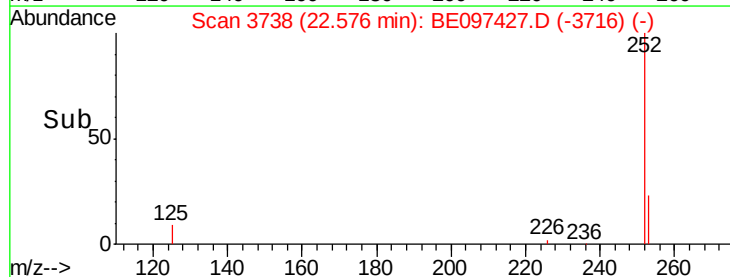
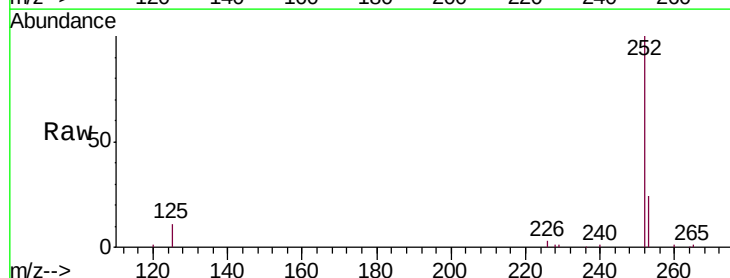
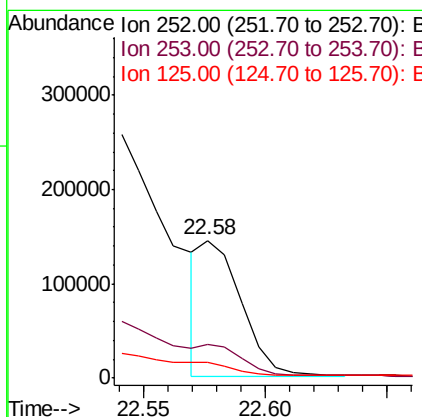
RT: 22.58 min Scan# 3738

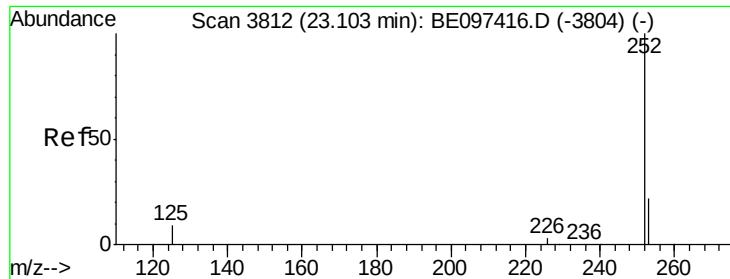
Delta R.T. 0.01 min

Lab File: BE097427.D

Acq: 7 Sep 2018 16:35

Tgt Ion:	252	Resp:	170553
Ion Ratio	Lower	Upper	
252	100		
253	24.1	24.5	36.7#
125	11.3	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 11.552 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. 0.01 min

Lab File: BE097427.D

Acq: 7 Sep 2018 16:35

Instrument :

BNA_E

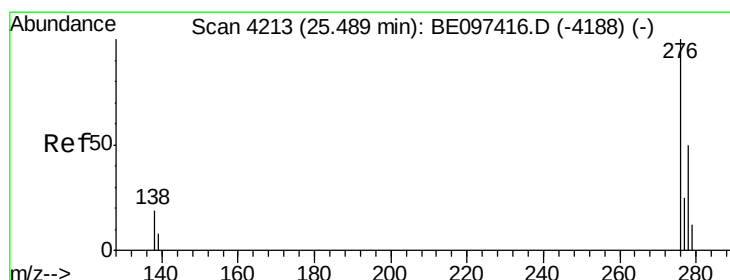
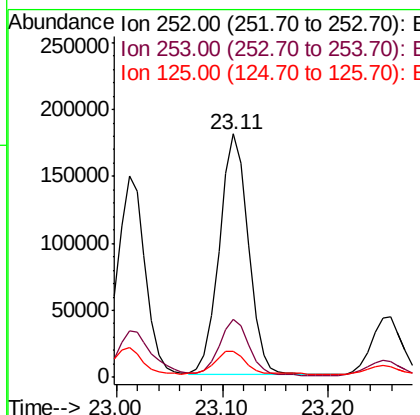
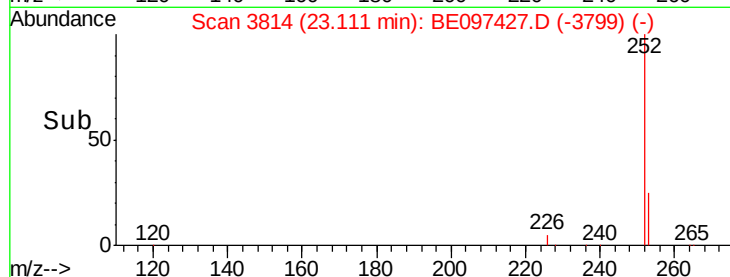
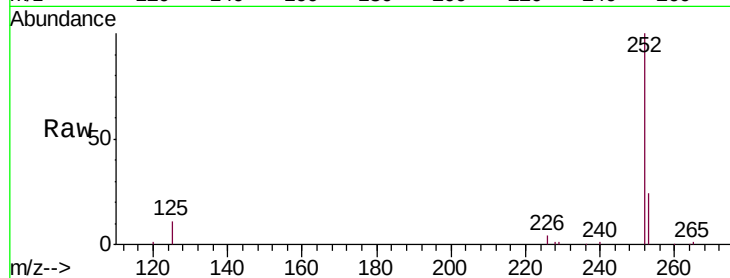
ClientSampleId :

A3Z22MSD

Tgt Ion:	252	Resp:	341478
Ion Ratio	Lower	Upper	
252	100		
253	23.8	28.5	42.7#
125	10.9	18.1	27.1#

Manual Integrations
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Sohil
9/11/2018 2:43:59 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 6.854 ng/ul

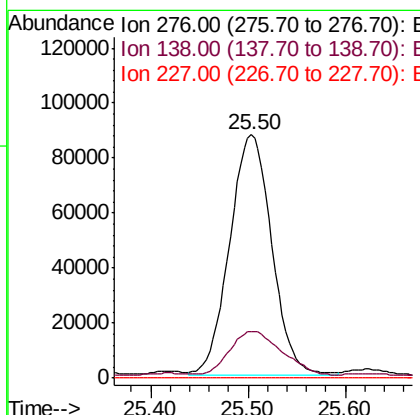
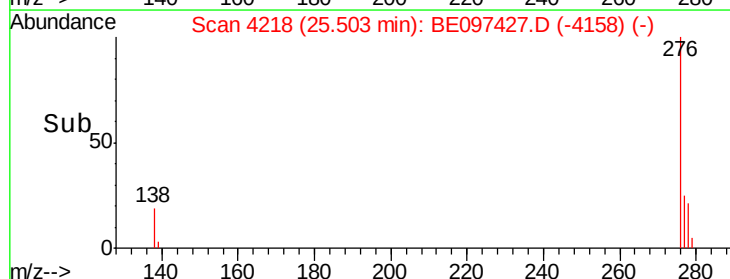
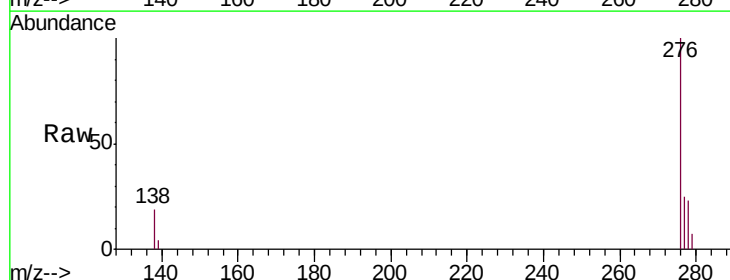
RT: 25.50 min Scan# 4218

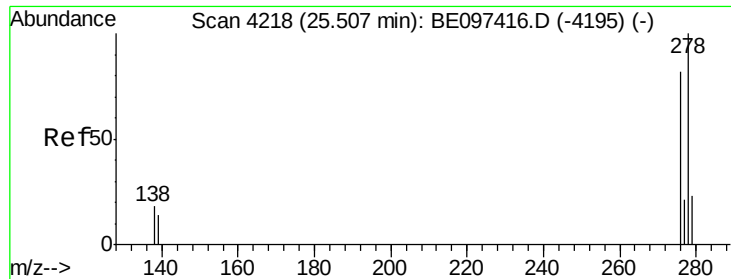
Delta R.T. 0.01 min

Lab File: BE097427.D

Acq: 7 Sep 2018 16:35

Tgt Ion:	276	Resp:	262594
Ion Ratio	Lower	Upper	
276	100		
138	22.8	28.0	42.0#
227	0.0	8.0	12.0#





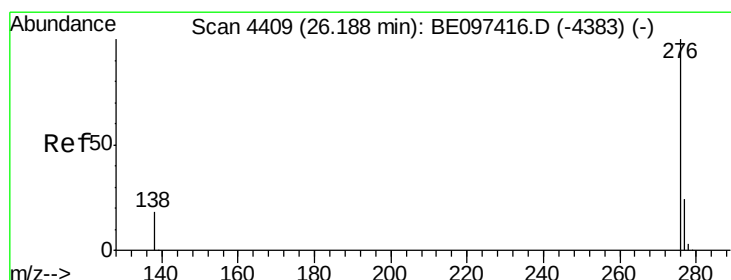
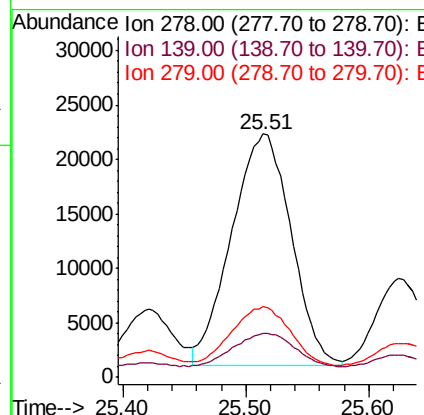
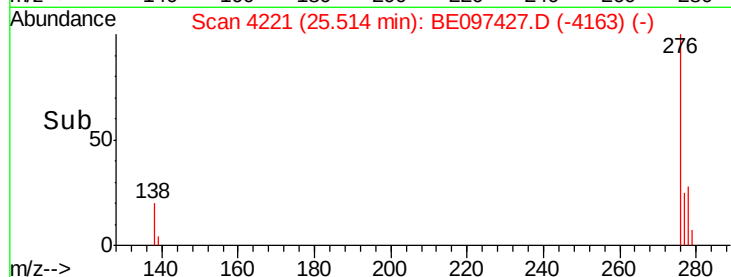
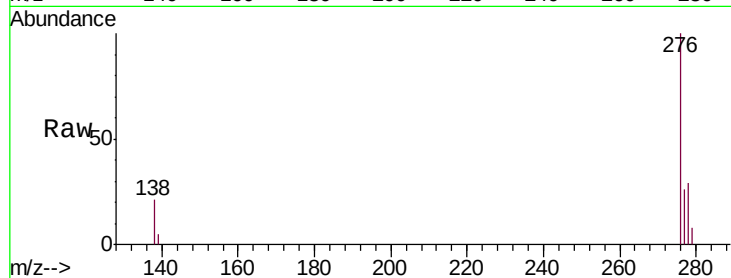
#25
Dibenzo(a,h)anthracene
Concen: 2.204 ng/ul
RT: 25.51 min Scan# 4221
Delta R.T. 0.01 min
Lab File: BE097427.D
Acq: 7 Sep 2018 16:35

Instrument :
BNA_E
ClientSampleId :
A3Z22MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	17.4	26.0
279	28.9	25.9	38.9

Manual Integrations
APPROVED

Sohil
9/11/2018 2:43:59 PM



#26
Benzo(g,h,i)perylene
Concen: 7.292 ng/ul
RT: 26.21 min Scan# 4416
Delta R.T. 0.02 min
Lab File: BE097427.D
Acq: 7 Sep 2018 16:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.5	21.8	32.8#
277	24.5	20.5	30.7

