

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
 Data File : BE097431.D
 Acq On : 7 Sep 2018 21:33
 Operator : SJ/JU
 Sample : J4688-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z32

Manual Integrations
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Sohil
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Quant Time: Sep 08 03:47:02 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	1022	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5690	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4012	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	10365m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10605m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10529m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	2327	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	8270m	0.24	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.17	128	986	0.071	ng/ul#	88
5) 2-Methylnaphthalene	11.79	142	741	0.085	ng/ul	98
7) Acenaphthylene	13.73	152	948	0.065	ng/ul#	57
8) Acenaphthene	14.07	153	289	0.023	ng/ul#	83
9) Fluorene	15.07	166	495	0.034	ng/ul#	66
12) Phenanthrene	16.80	178	9146m	0.343	ng/ul	
13) Anthracene	16.89	178	2349m	0.105	ng/ul	
15) Fluoranthene	18.83	202	20852m	0.608	ng/ul	
17) Pyrene	19.20	202	22256m	0.780	ng/ul	
18) Benzo(a)anthracene	20.95	228	11517m	0.423	ng/ul	
19) Chrysene	21.00	228	9342m	0.298	ng/ul	
21) Benzo(b)fluoranthene	22.53	252	43043m	1.527	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	11112m	0.353	ng/ul	
23) Benzo(a)pyrene	23.10	252	30276m	1.161	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.49	276	29475m	0.872	ng/ul	
25) Dibenzo(a,h)anthracene	25.50	278	7057m	0.246	ng/ul	
26) Benzo(g,h,i)perylene	26.19	276	31973m	1.109	ng/ul	

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

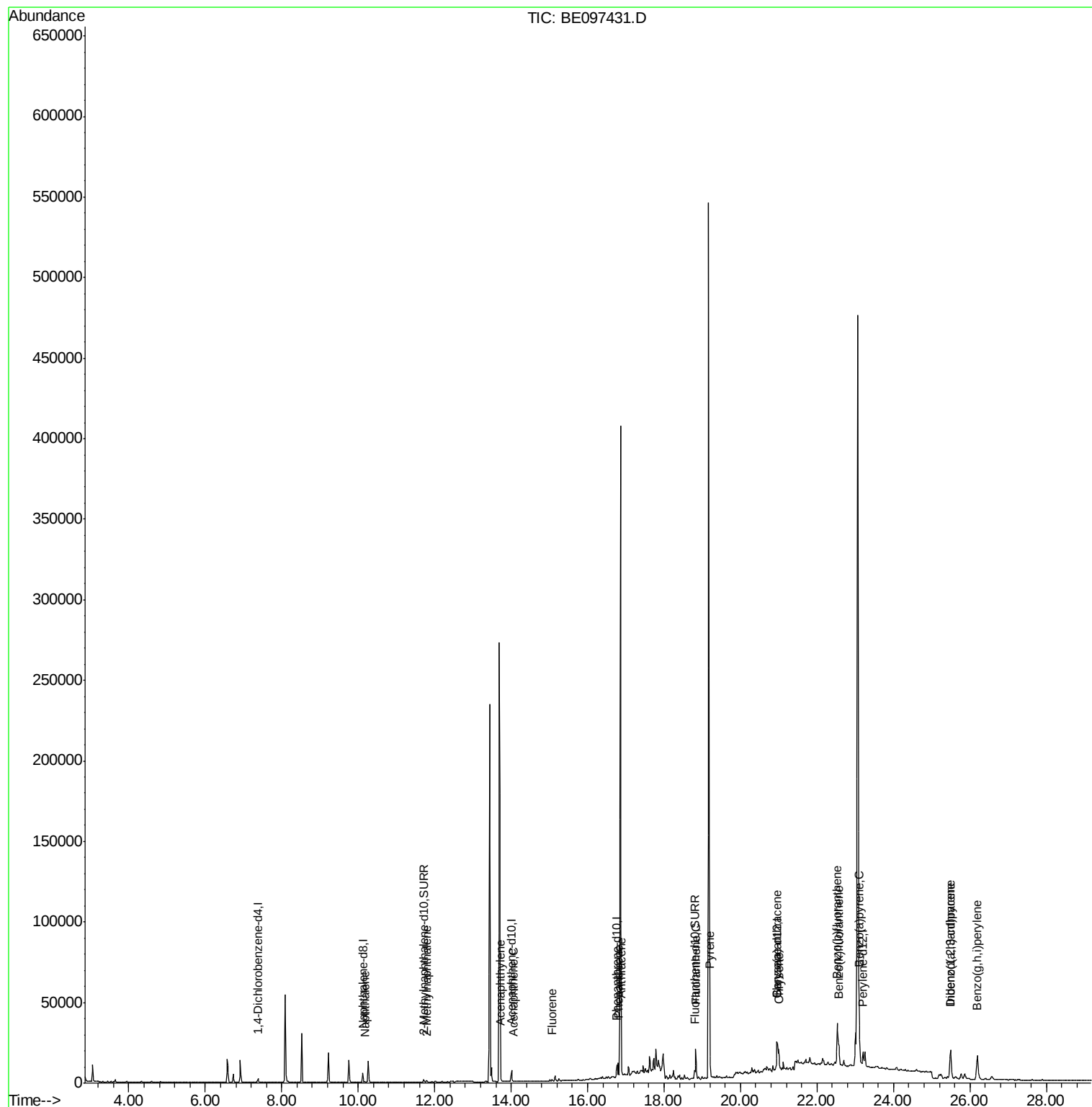
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
Data File : BE097431.D
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ALS Vial : 16 Sample Multiplier: 1

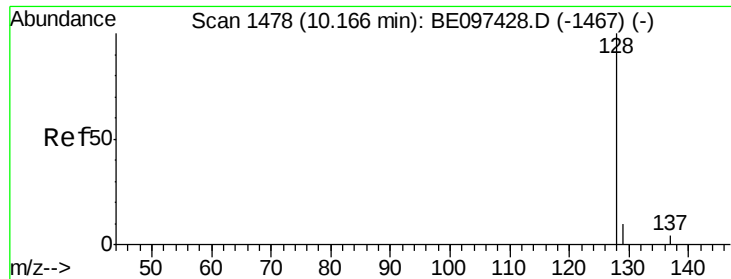
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
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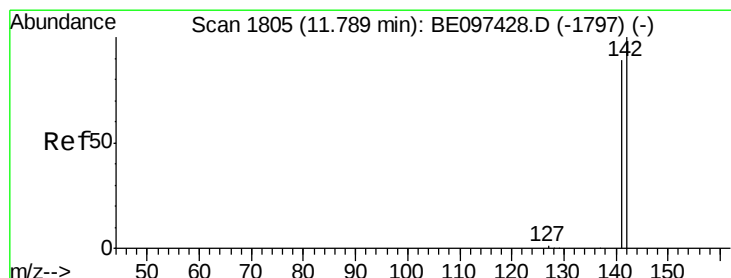
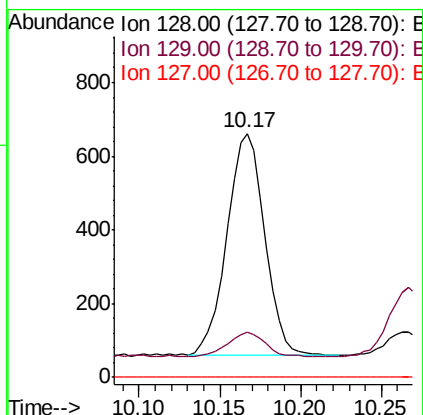
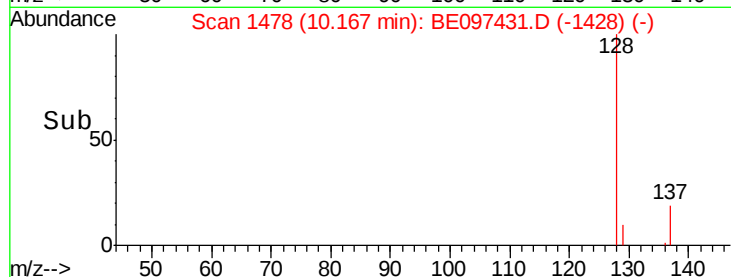
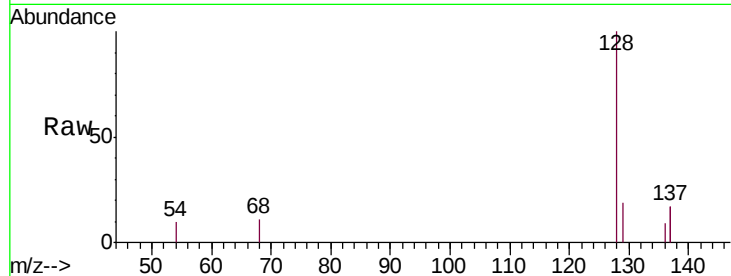
#3
Naphthalene
Concen: 0.071 ng/ul
RT: 10.17 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE097431.D
Acq: 7 Sep 2018 21:33

Instrument :
BNA_E
ClientSampleId :
A3Z32

Tgt Ion	Ratio	Lower	Upper
128	100		
129	18.8	11.3	16.9#
127	0.0	4.0	6.0#

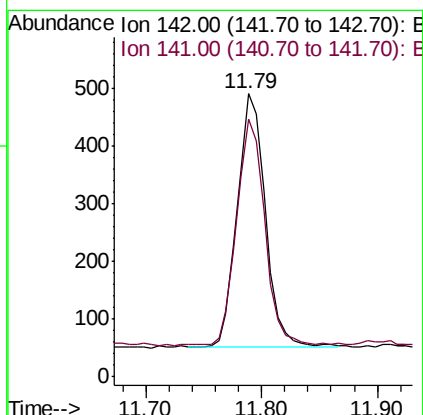
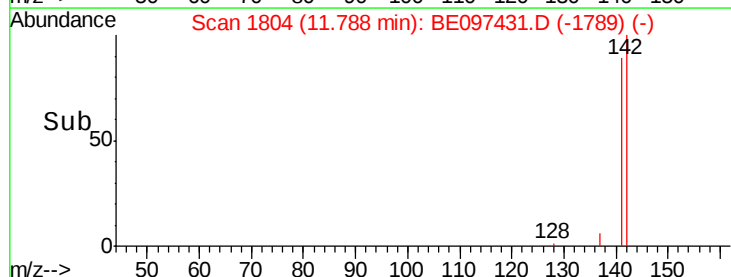
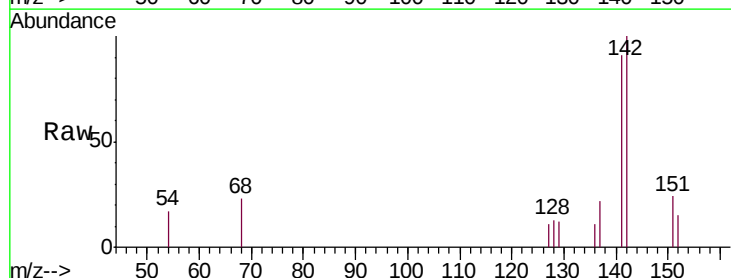
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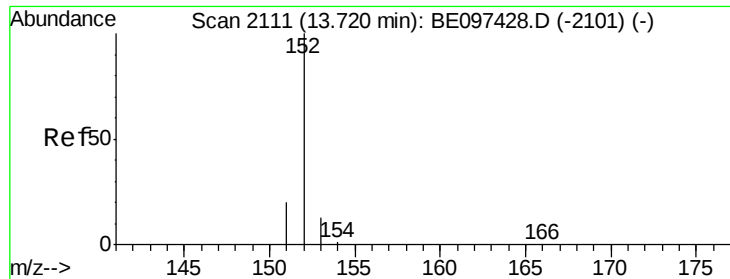
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#5
2-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 11.79 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BE097431.D
Acq: 7 Sep 2018 21:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.065 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

Instrument :

BNA_E

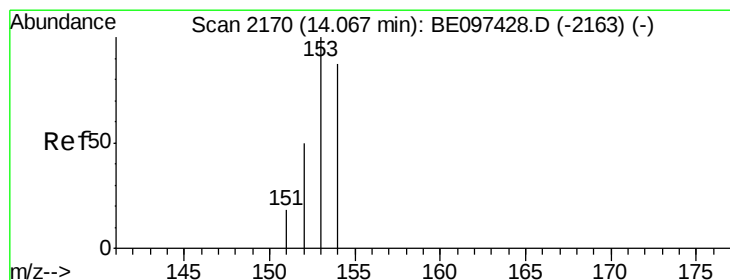
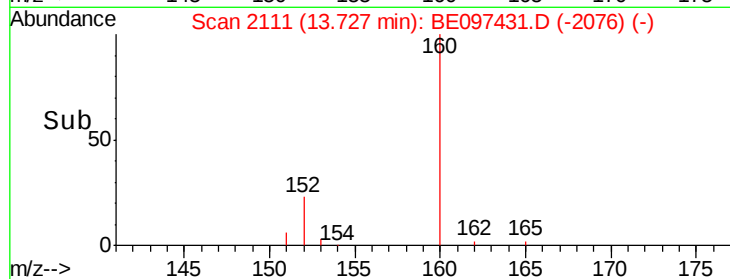
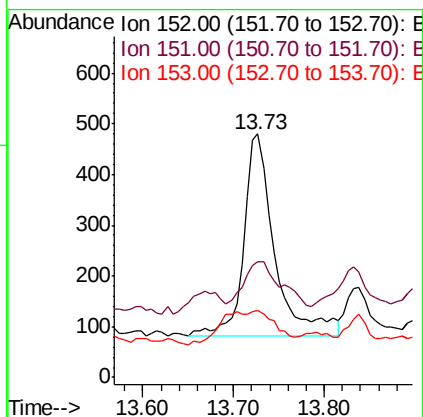
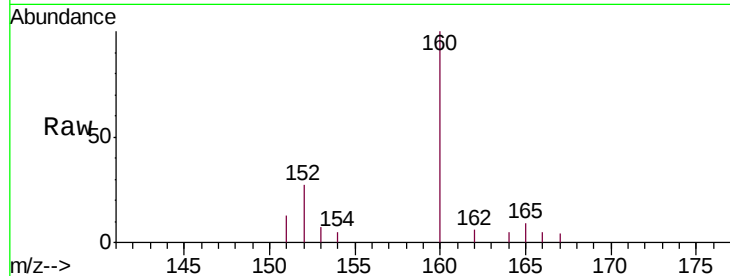
ClientSampleId :

A3Z32

Tgt Ion:	152	Resp:	948
Ion Ratio	Lower	Upper	
152	100		
151	47.5	17.1	25.7#
153	27.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.023 ng/ul

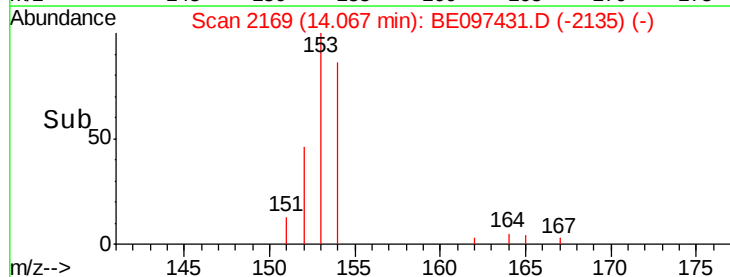
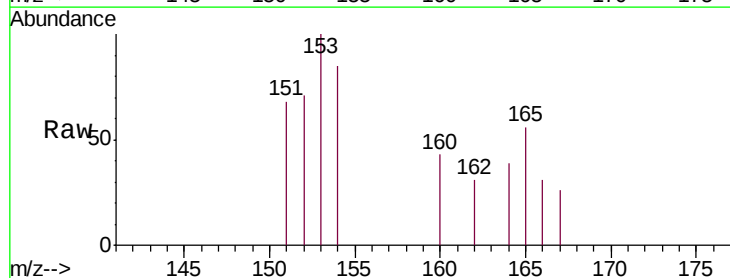
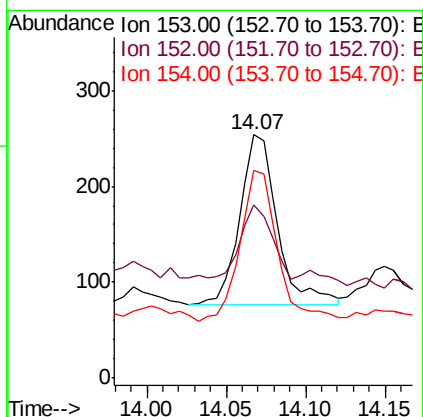
RT: 14.07 min Scan# 2169

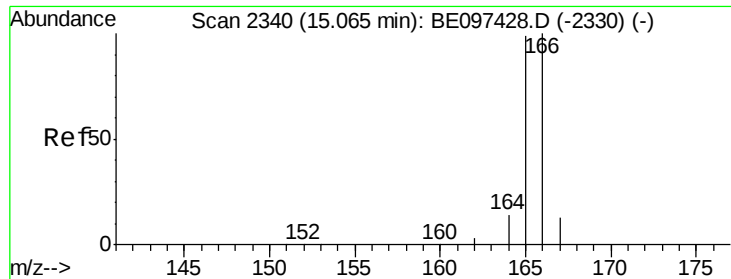
Delta R.T. 0.00 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

Tgt Ion:	153	Resp:	289
Ion Ratio	Lower	Upper	
153	100		
152	71.3	36.0	54.0#
154	85.4	72.0	108.0





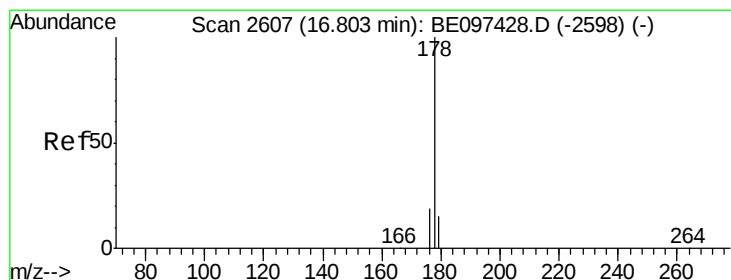
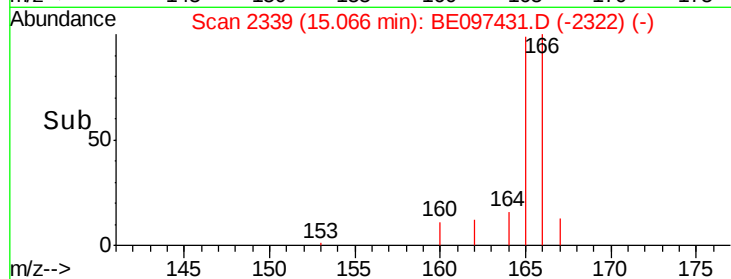
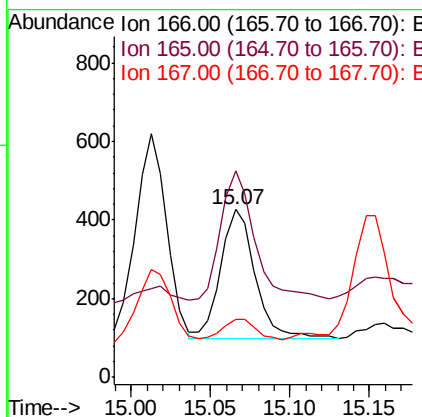
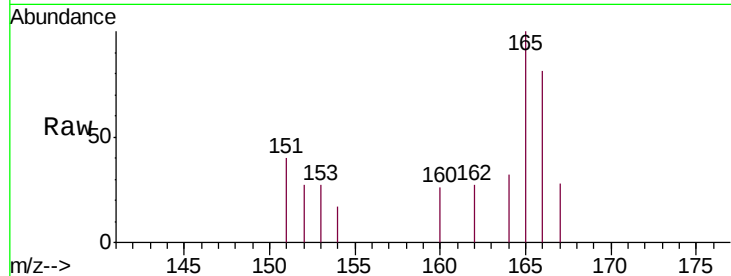
#9
Fluorene
 Concen: 0.034 ng/ul
 RT: 15.07 min Scan# 2339
 Delta R.T. 0.00 min
 Lab File: BE097431.D
 Acq: 7 Sep 2018 21:33

Instrument :
 BNA_E
 ClientSampleId :
 A3Z32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	123.5	73.4	110.2#
167	34.7	14.6	22.0#

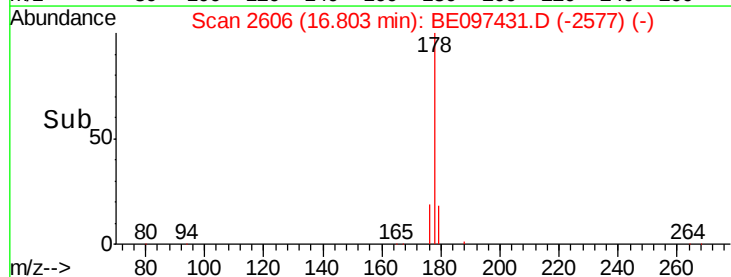
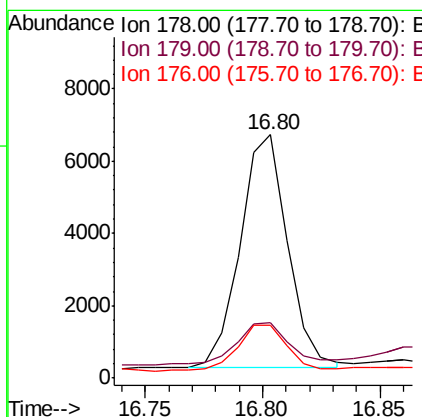
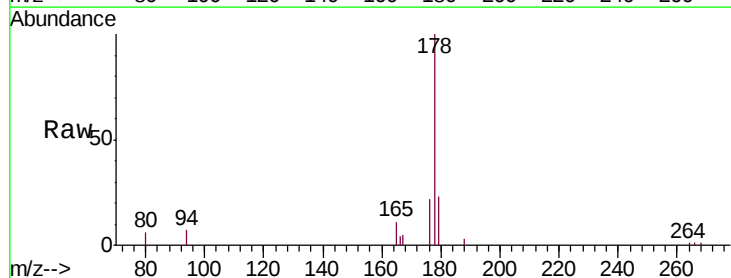
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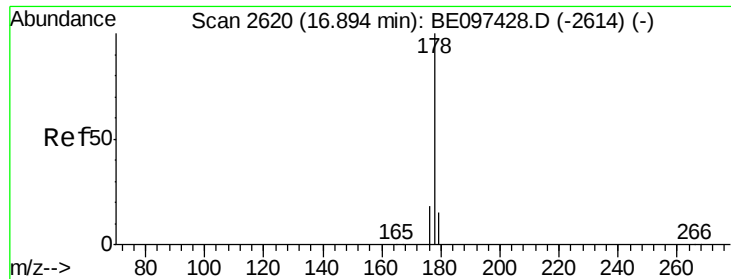
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#12
Phenanthrene
 Concen: 0.343 ng/ul m
 RT: 16.80 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BE097431.D
 Acq: 7 Sep 2018 21:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.6	18.4	27.6
176	21.9	13.6	20.4#





#13

Anthracene

Concen: 0.105 ng/ul m

RT: 16.89 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

Instrument :

BNA_E

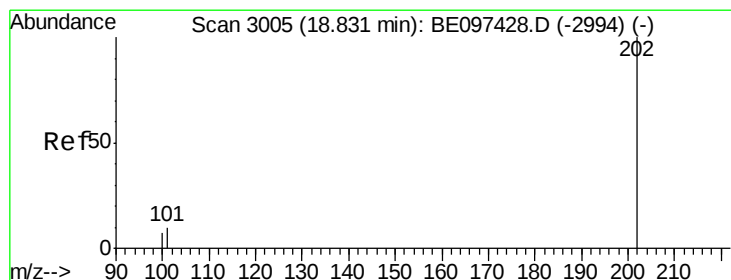
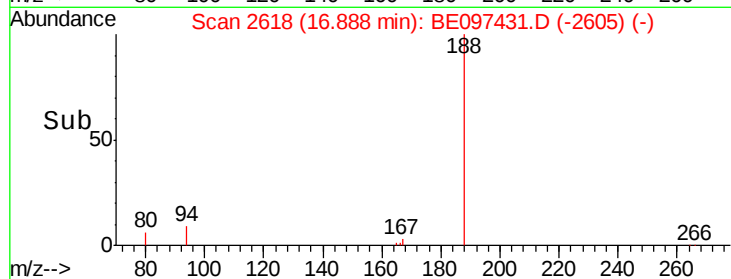
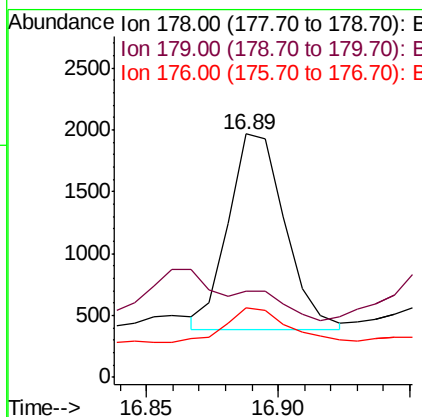
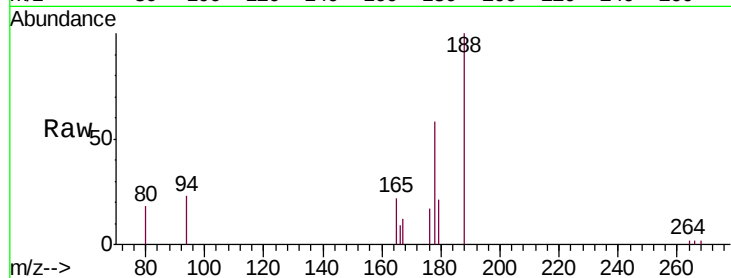
ClientSampleId :

A3Z32

Tgt Ion:	178	Resp:	2349
Ion Ratio	Lower	Upper	
178	100		
179	35.5	18.1	27.1#
176	28.8	14.7	22.1#

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#15

Fluoranthene

Concen: 0.608 ng/ul m

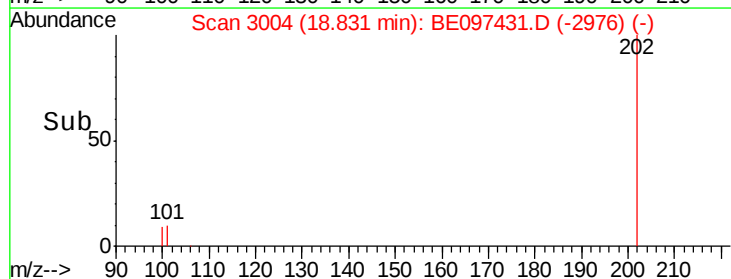
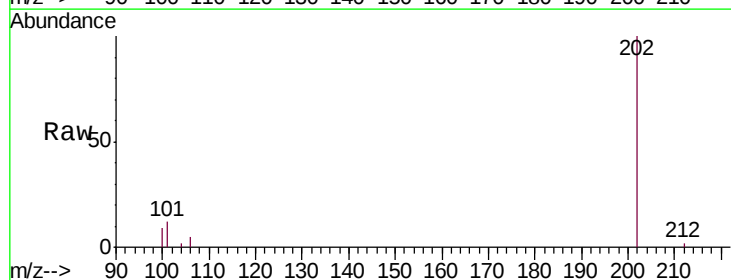
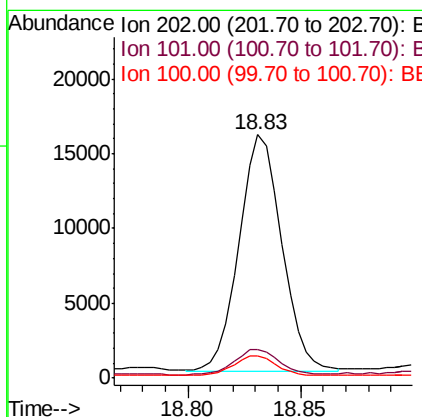
RT: 18.83 min Scan# 3004

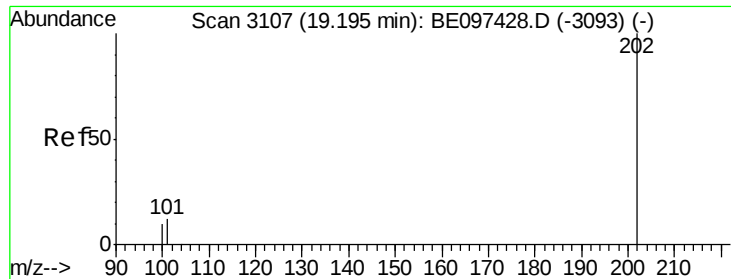
Delta R.T. -0.00 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

Tgt Ion:	202	Resp:	20852
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	30.3
100	9.3	0.0	39.5





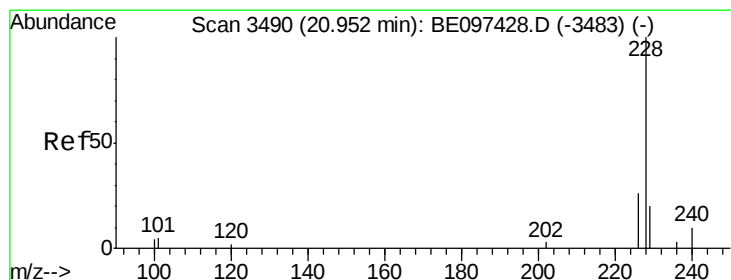
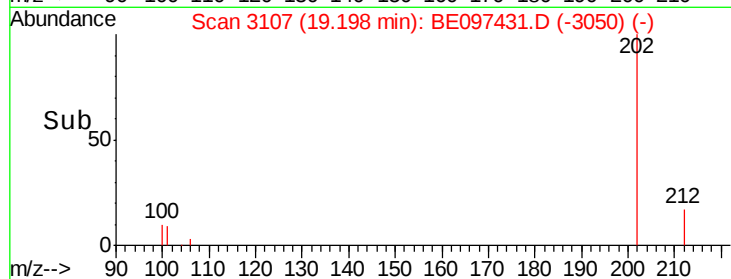
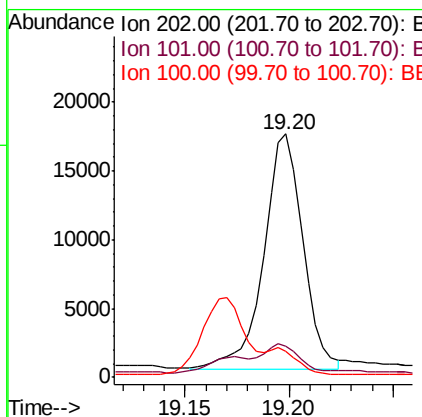
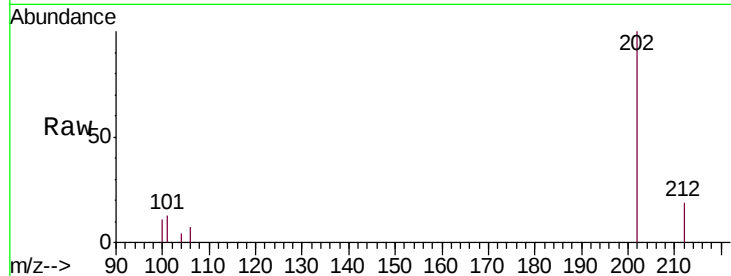
#17
Pyrene
Concen: 0.780 ng/ul m
RT: 19.20 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BE097431.D
Acq: 7 Sep 2018 21:33

Instrument :
BNA_E
ClientSampleId :
A3Z32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	22256		
101	12.9	18.2	27.4#	
100	10.7	15.6	23.4#	

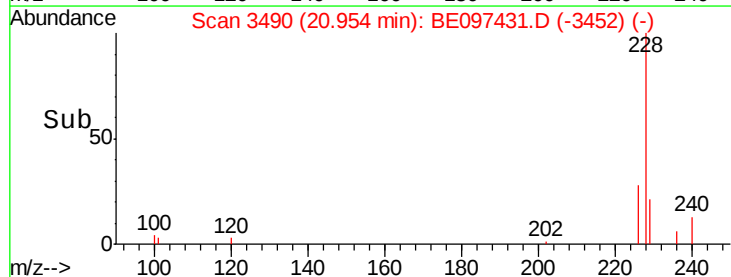
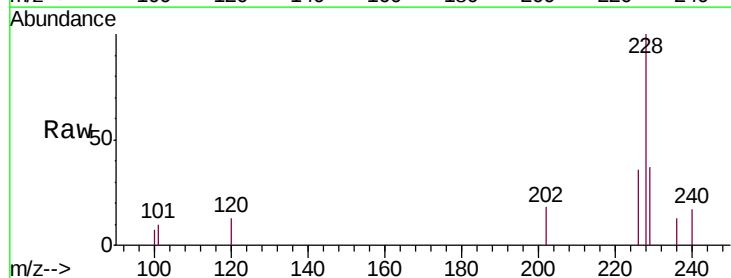
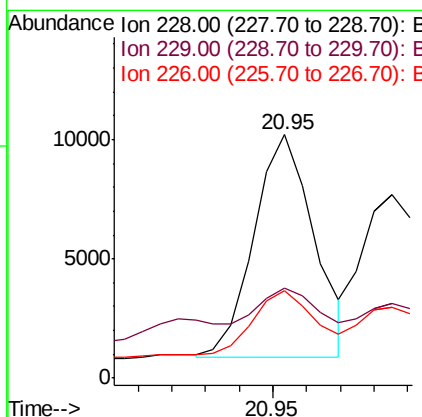
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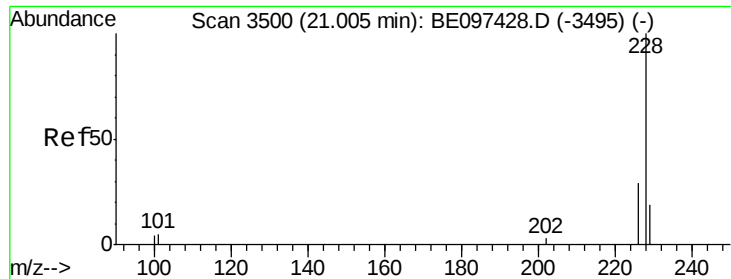
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#18
Benzo(a)anthracene
Concen: 0.423 ng/ul m
RT: 20.95 min Scan# 3490
Delta R.T. 0.00 min
Lab File: BE097431.D
Acq: 7 Sep 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	11517		
229	36.7	22.8	34.2#	
226	35.9	17.0	25.6#	





#19

Chrysene

Concen: 0.298 ng/ul m

RT: 21.00 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BE097431.D

Acq: 7 Sep 2018 21:33

Instrument :

BNA_E

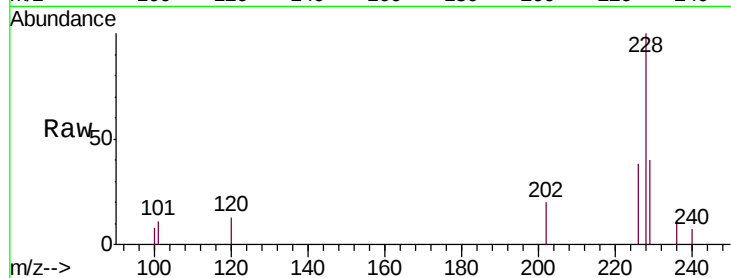
ClientSampled :

A3Z32

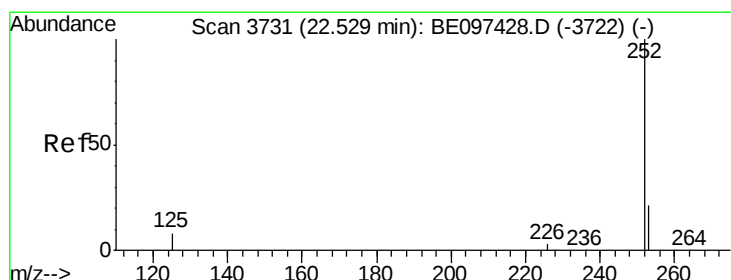
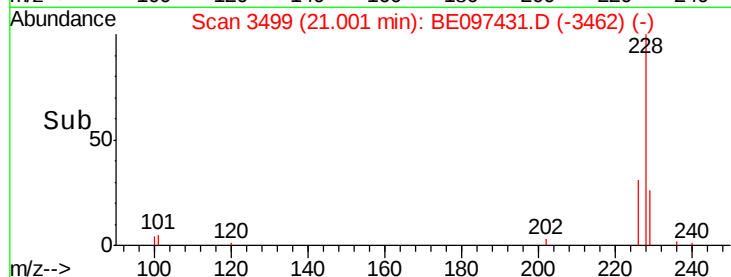
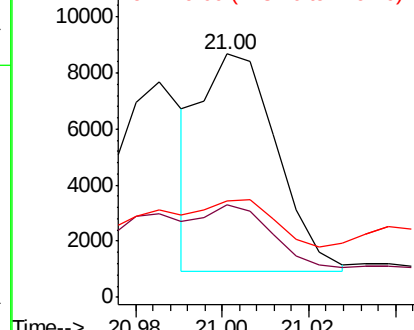
Tgt Ion:	228	Resp:	9342
Ion Ratio	Lower	Upper	
228	100		
226	38.0	23.4	35.0#
229	39.8	17.7	26.5#

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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: 1.527 ng/ul m

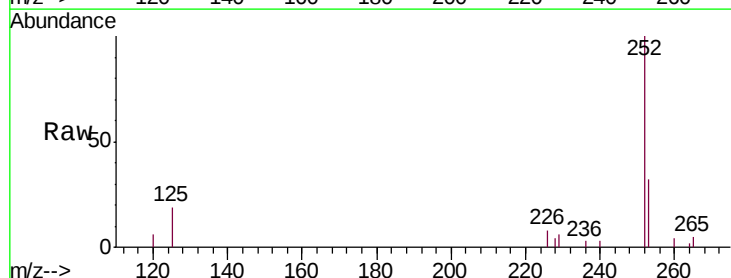
RT: 22.53 min Scan# 3732

Delta R.T. 0.01 min

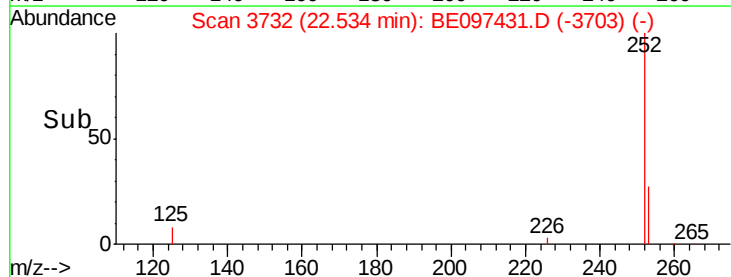
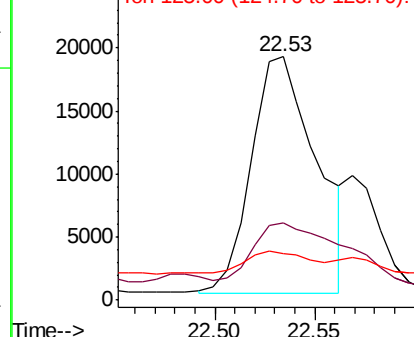
Lab File: BE097431.D

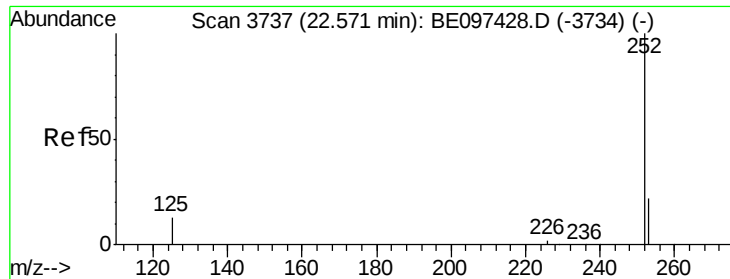
Acq: 7 Sep 2018 21:33

Tgt Ion:	252	Resp:	43043
Ion Ratio	Lower	Upper	
252	100		
253	31.8	0.0	64.2
125	19.3	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





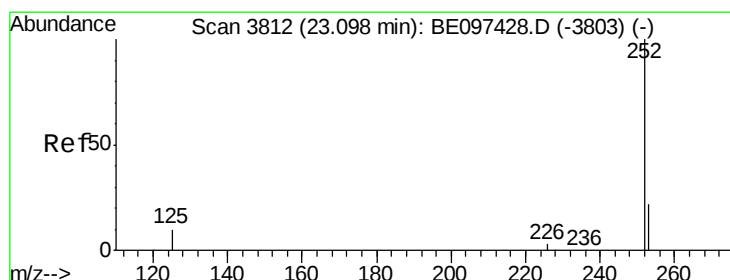
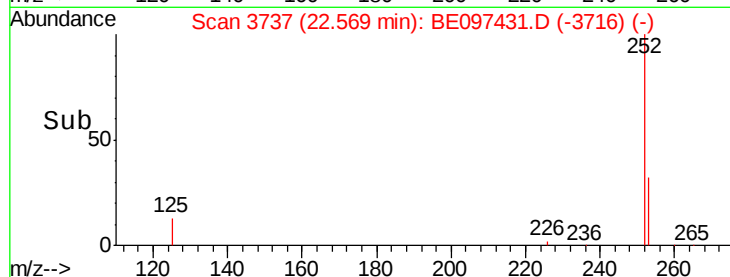
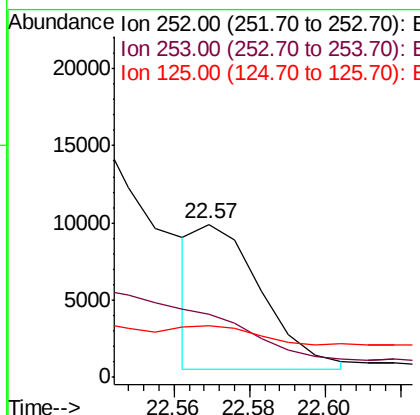
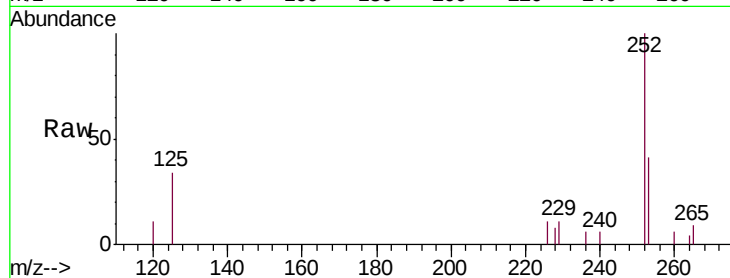
#22
Benzo(k)fluoranthene
Concen: 0.353 ng/ul m
RT: 22.57 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BE097431.D
Acq: 7 Sep 2018 21:33

Instrument :
BNA_E
ClientSampled :
A3Z32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.9	24.5	36.7#
125	33.8	13.7	20.5#

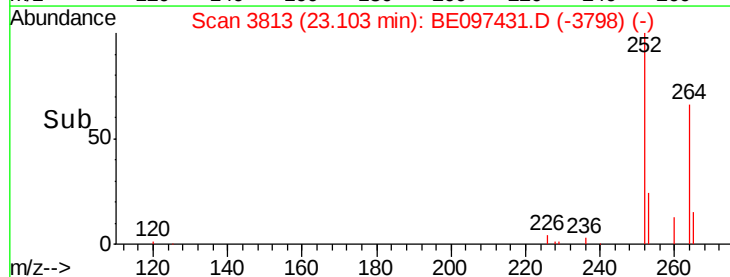
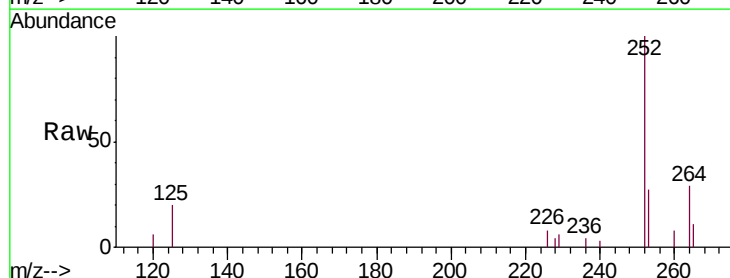
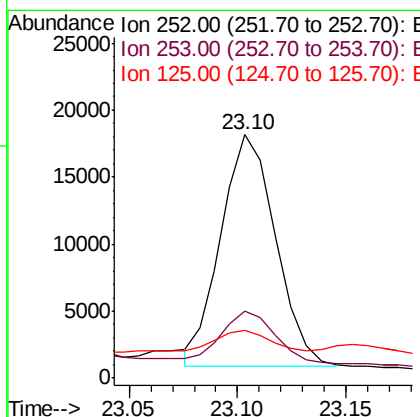
Manual Integrations
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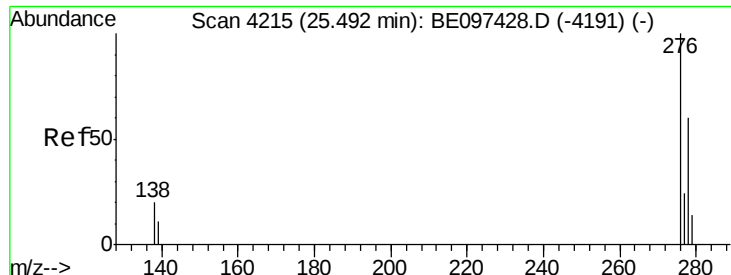
Sohil
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#23
Benzo(a)pyrene
Concen: 1.161 ng/ul m
RT: 23.10 min Scan# 3813
Delta R.T. 0.01 min
Lab File: BE097431.D
Acq: 7 Sep 2018 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	28.5	42.7#
125	19.7	18.1	27.1





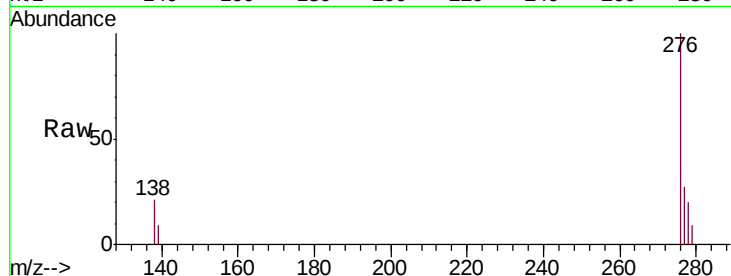
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.872 ng/ul m
 RT: 25.49 min Scan# 4215
 Delta R.T. 0.00 min
 Lab File: BE097431.D
 Acq: 7 Sep 2018 21:33

Instrument :
 BNA_E
 ClientSampleId :
 A3Z32

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	1.8	28.0	42.0#
227	0.0	8.0	12.0#

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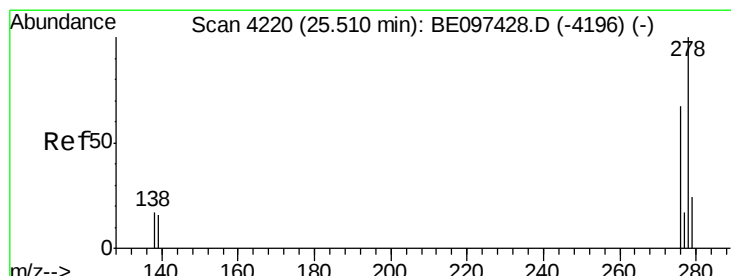
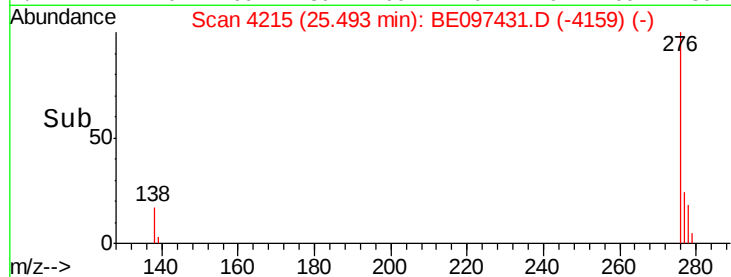
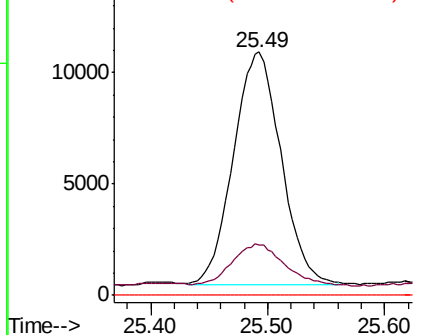


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
 Dibenzo(a,h)anthracene
 Concen: 0.246 ng/ul m
 RT: 25.50 min Scan# 4218
 Delta R.T. -0.01 min
 Lab File: BE097431.D
 Acq: 7 Sep 2018 21:33

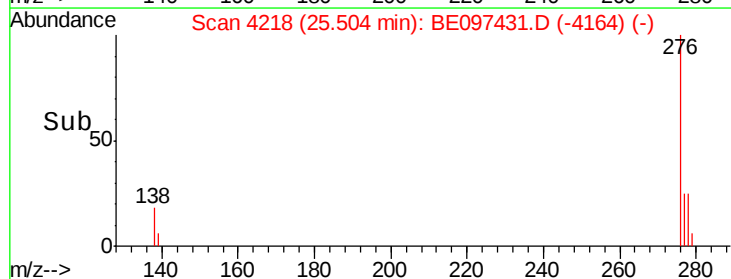
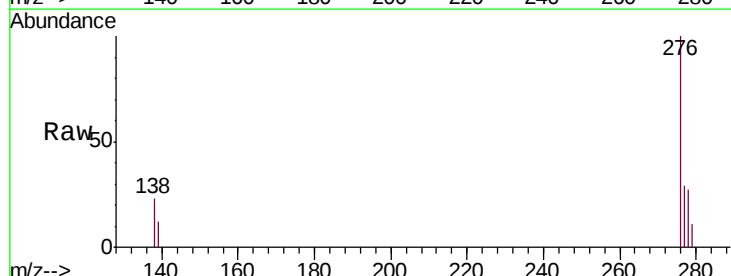
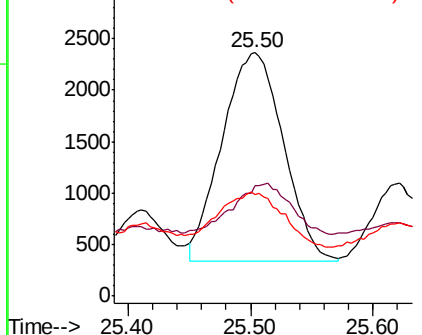
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	45.4	17.4	26.0#
279	41.8	25.9	38.9#

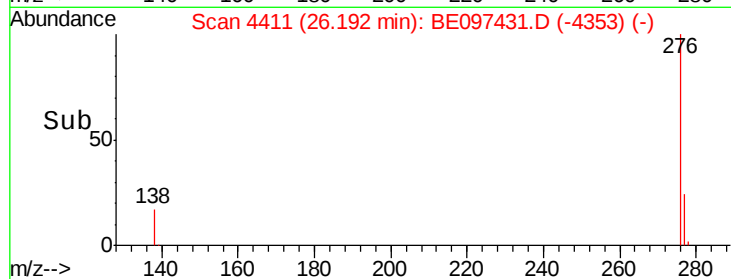
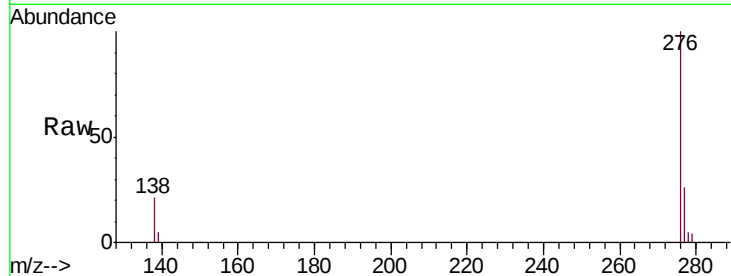
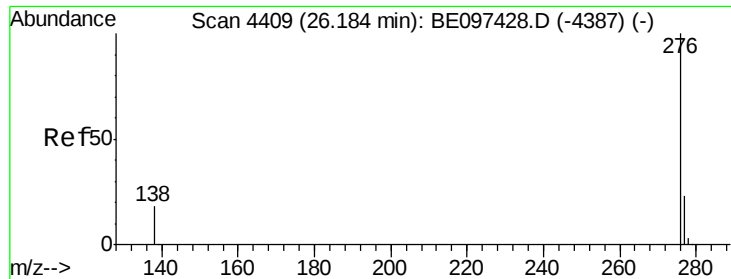
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(g,h,i)perylene
 Concen: 1.109 ng/ul m
 RT: 26.19 min Scan# 4411
 Delta R.T. 0.01 min
 Lab File: BE097431.D
 Acq: 7 Sep 2018 21:33

Instrument :
 BNA_E
 ClientSampleId :
 A3Z32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	21.8	32.8#
277	26.5	20.5	30.7

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