

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097449.D
 Acq On : 12 Sep 2018 11:35
 Operator : SJ/JU
 Sample : J4792-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ4

Manual Integrations
 APPROVED

Sohil
 9/18/2018 6:14:22 PM

Quant Time: Sep 13 01:27:13 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 : Thu Sep 13 01:16:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1021	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5588	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3810	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9609	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11239	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10762m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1128	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	4100	0.13	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	16.80	178	1272	0.051	ng/ul#	87
13) Anthracene	16.89	178	544	0.026	ng/ul#	54
15) Fluoranthene	18.84	202	3019	0.095	ng/ul	81
17) Pyrene	19.20	202	16740	0.553	ng/ul#	81
18) Benzo(a)anthracene	20.95	228	40568	1.405	ng/ul#	77
19) Chrysene	21.01	228	57462	1.727	ng/ul#	76
21) Benzo(b)fluoranthene	22.53	252	9944m	0.345	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	1448m	0.045	ng/ul	
23) Benzo(a)pyrene	23.10	252	7804m	0.293	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	2703	0.078	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.51	278	5890	0.201	ng/ul#	26
26) Benzo(g,h,i)perylene	26.20	276	2468	0.084	ng/ul#	31

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

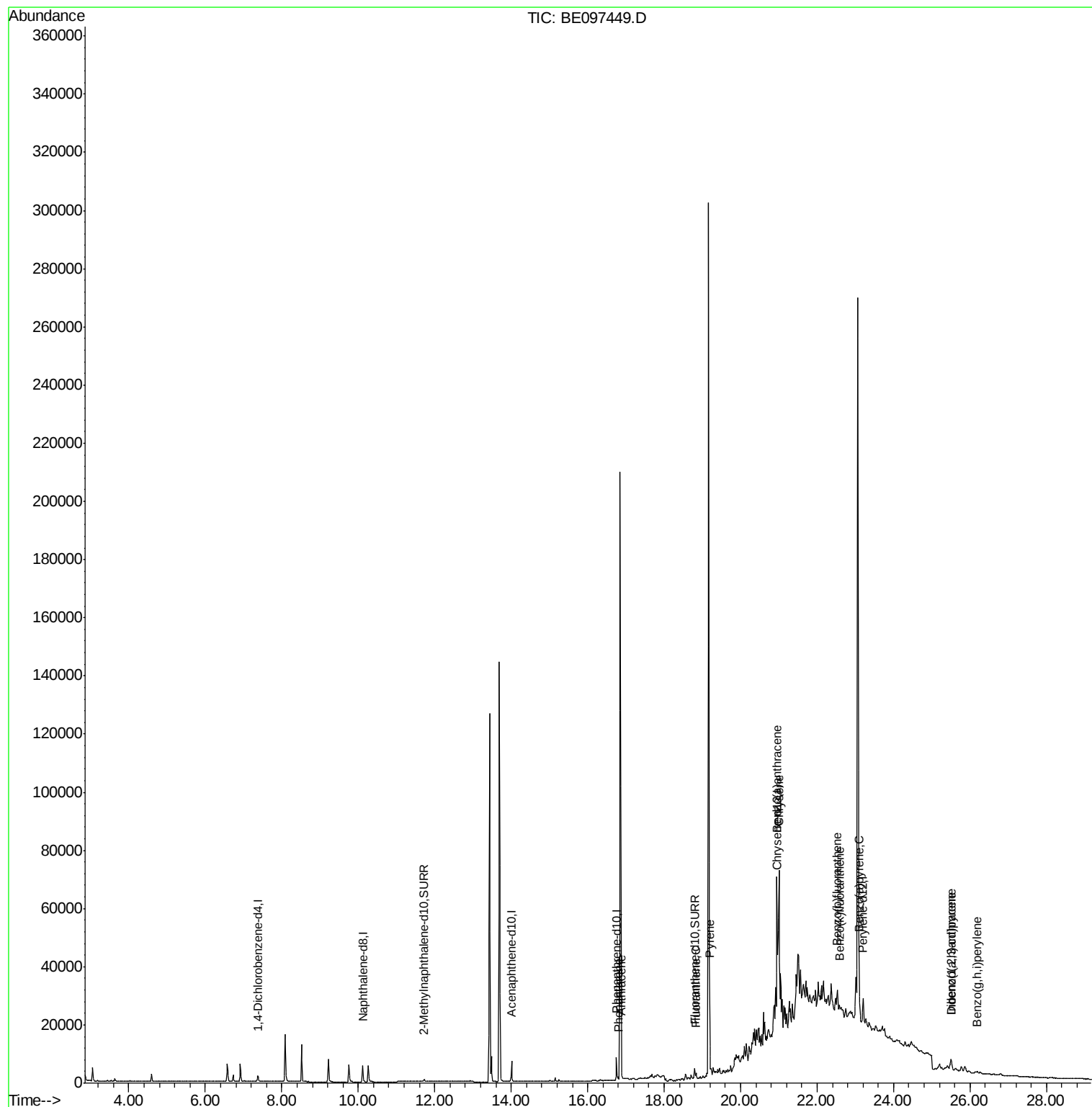
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097449.D
Acq On : 12 Sep 2018 11:35
Operator : SJ/JU
Sample : J4792-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

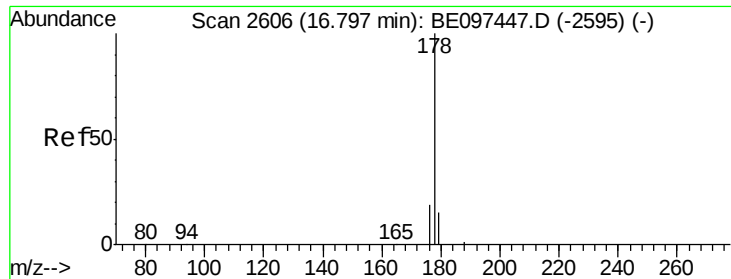
Instrument :
BNA_E
ClientSampleId :
A3YZ4

Manual Integrations
APPROVED

Sohil
9/18/2018 6:14:22 PM

Quant Time: Sep 13 01:27:13 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 : Thu Sep 13 01:16:50 2018
Response via : Initial Calibration





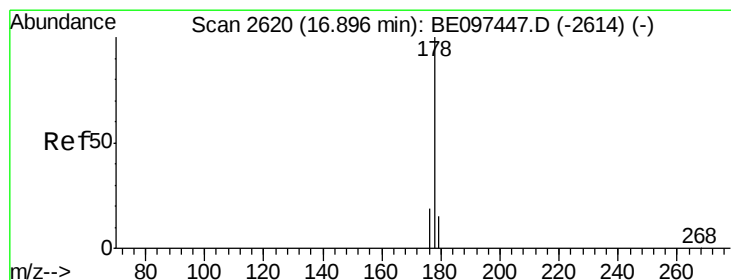
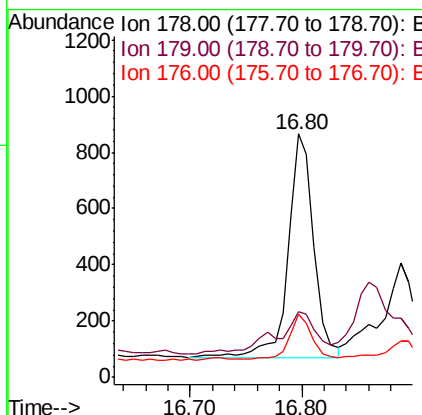
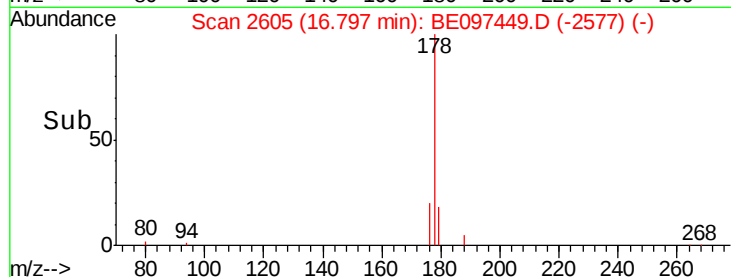
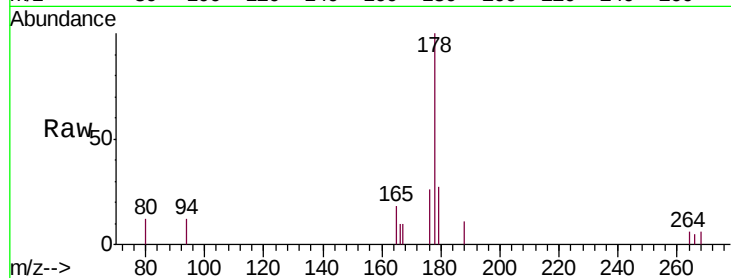
#12
Phenanthrene
Concen: 0.051 ng/ul
RT: 16.80 min Scan# 2605
Delta R.T. -0.00 min
Lab File: BE097449.D
Acq: 12 Sep 2018 11:35

Instrument :
BNA_E
ClientSampled :
A3YZ4

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.9	18.4	27.6
176	25.8	13.6	20.4

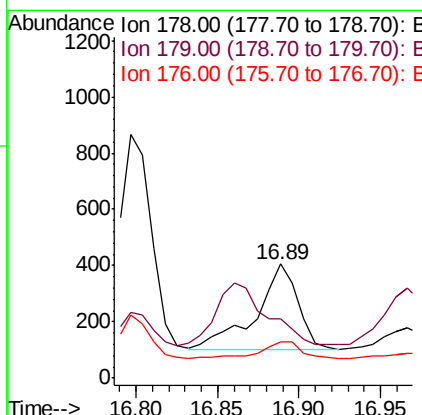
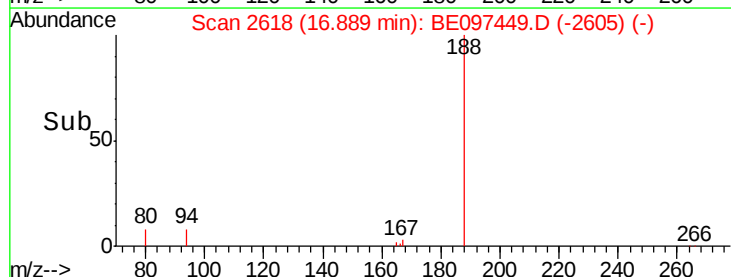
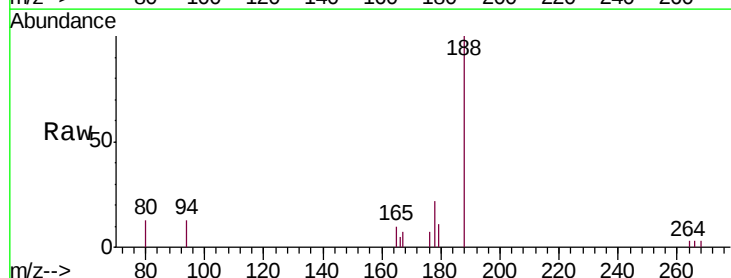
Manual Integrations
APPROVED

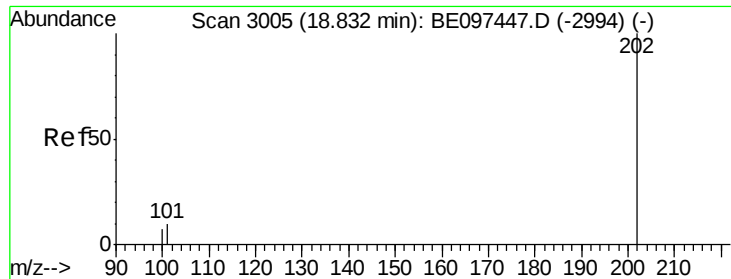
Sohil
9/18/2018 6:14:22 PM



#13
Anthracene
Concen: 0.026 ng/ul
RT: 16.89 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BE097449.D
Acq: 12 Sep 2018 11:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	51.5	18.1	27.1
176	31.3	14.7	22.1





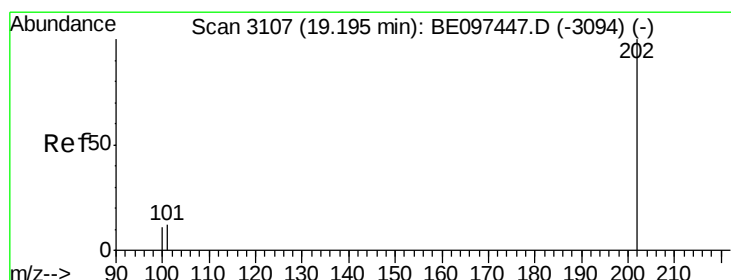
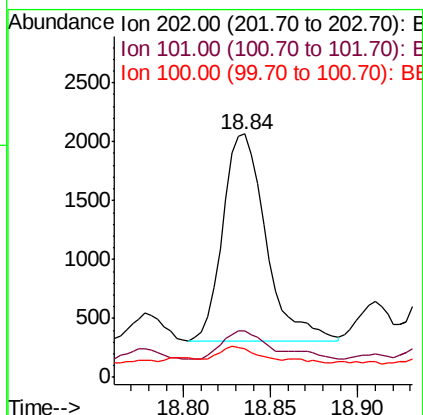
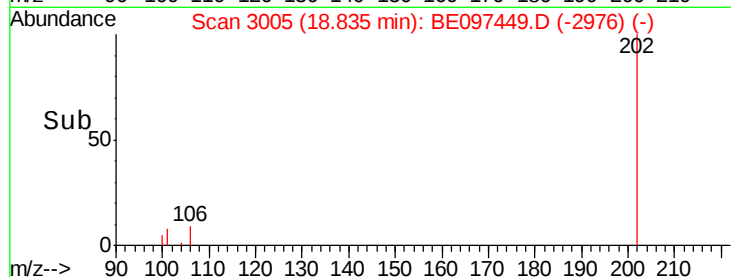
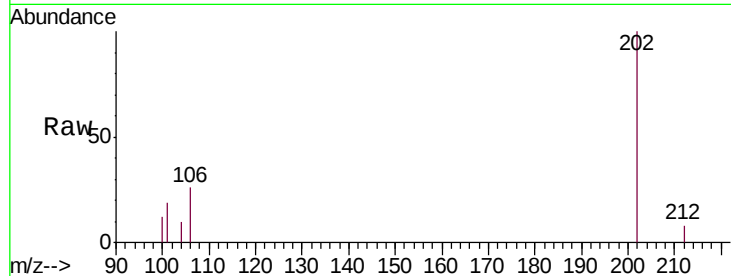
#15
Fluoranthene
Concen: 0.095 ng/ul
RT: 18.84 min Scan# 3005
Delta R.T. 0.00 min
Lab File: BE097449.D
Acq: 12 Sep 2018 11:35

Instrument :
BNA_E
ClientSampled :
A3YZ4

Tgt Ion:	202	Resp:	3019
Ion Ratio	Lower	Upper	
202	100		
101	19.0	0.0	30.3
100	11.7	0.0	39.5

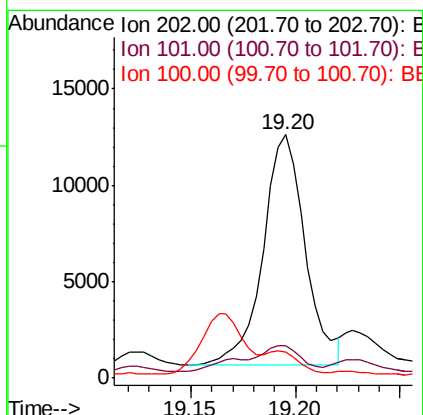
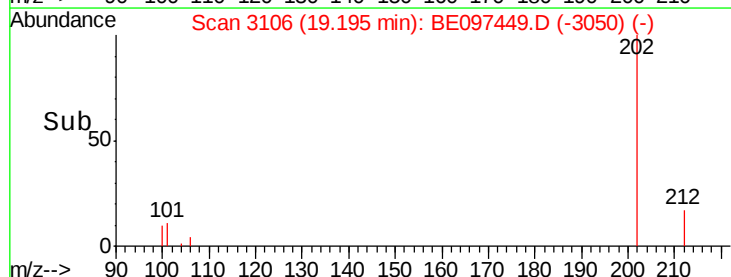
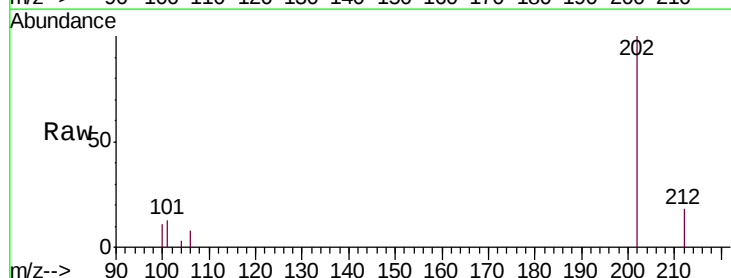
Manual Integrations
APPROVED

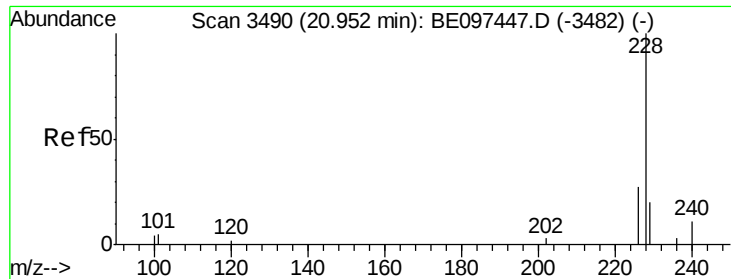
Sohil
9/18/2018 6:14:22 PM



#17
Pyrene
Concen: 0.553 ng/ul
RT: 19.20 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BE097449.D
Acq: 12 Sep 2018 11:35

Tgt Ion:	202	Resp:	16740
Ion Ratio	Lower	Upper	
202	100		
101	13.2	18.2	27.4#
100	10.8	15.6	23.4#





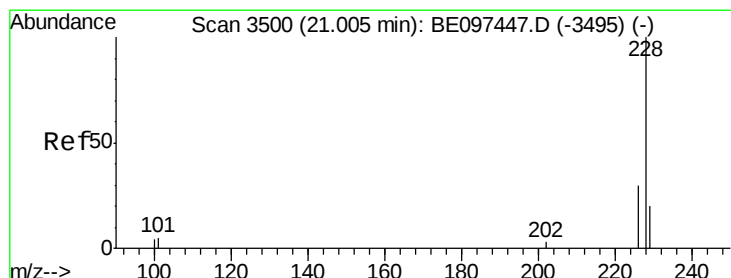
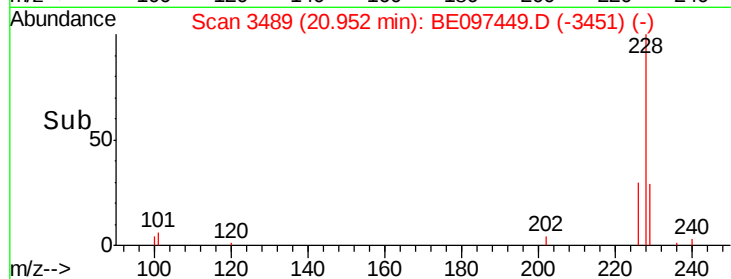
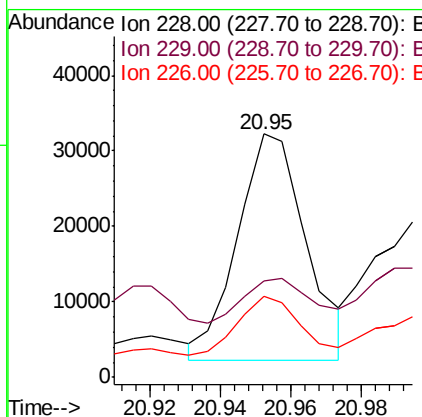
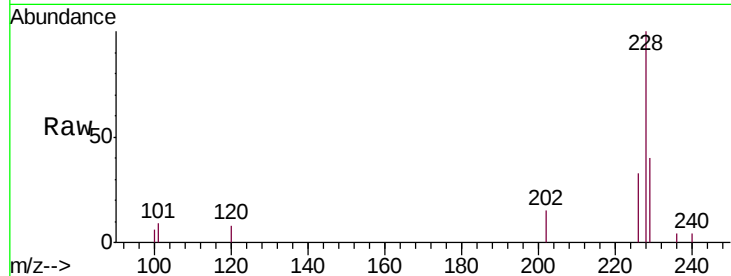
#18
Benzo(a)anthracene
Concen: 1.405 ng/ul
RT: 20.95 min Scan# 3489
Delta R.T. 0.00 min
Lab File: BE097449.D
Acq: 12 Sep 2018 11:35

Instrument :
BNA_E
ClientSampleId :
A3YZ4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	39.6	22.8	34.2#
226	33.4	17.0	25.6#

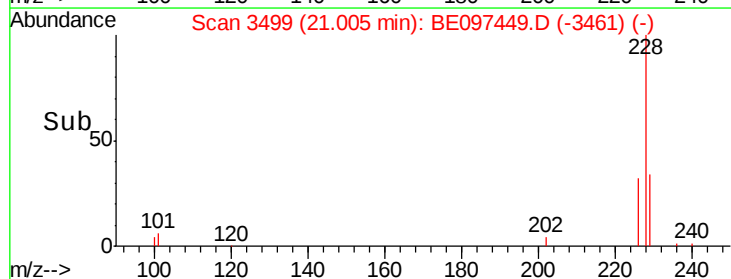
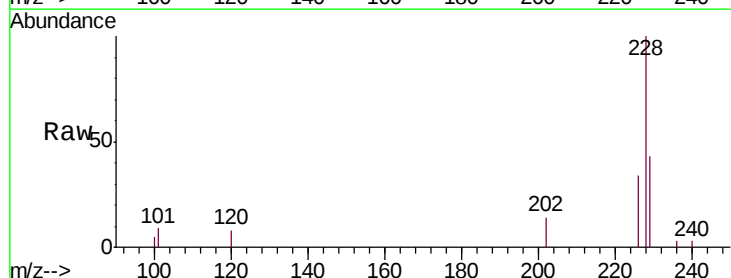
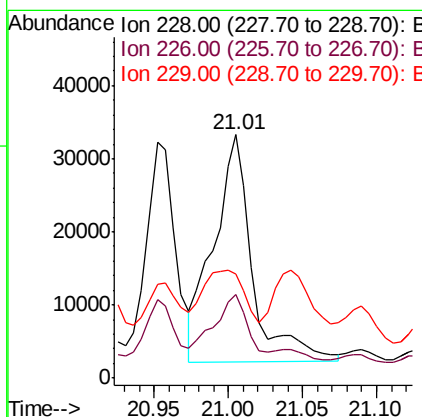
Manual Integrations
APPROVED

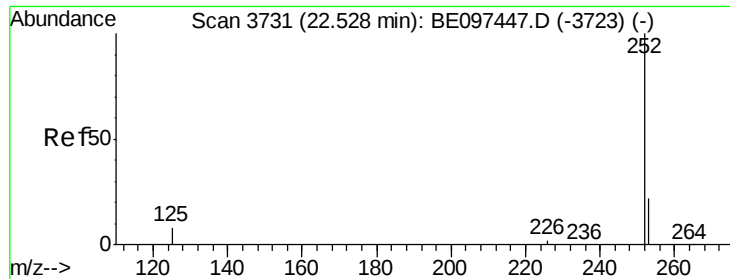
Sohil
9/18/2018 6:14:22 PM



#19
Chrysene
Concen: 1.727 ng/ul
RT: 21.01 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BE097449.D
Acq: 12 Sep 2018 11:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.4	23.4	35.0
229	42.6	17.7	26.5#





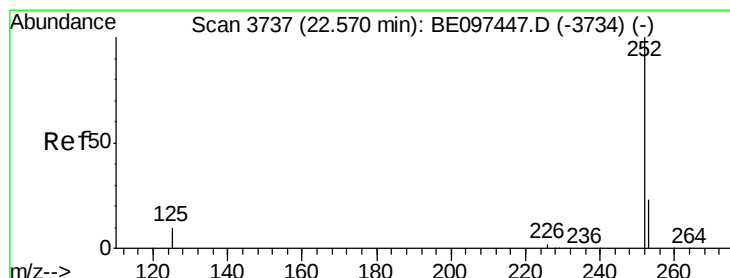
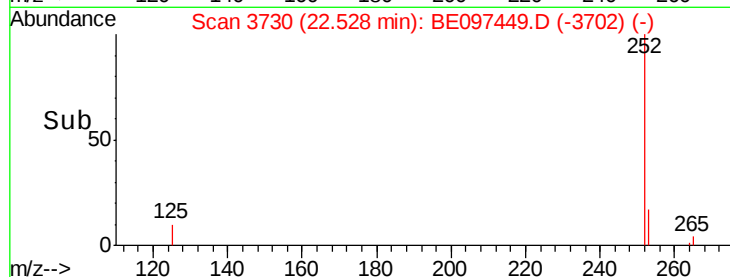
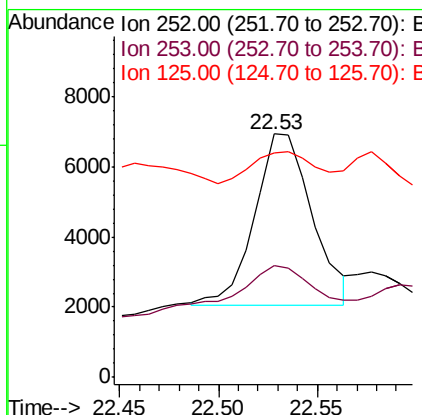
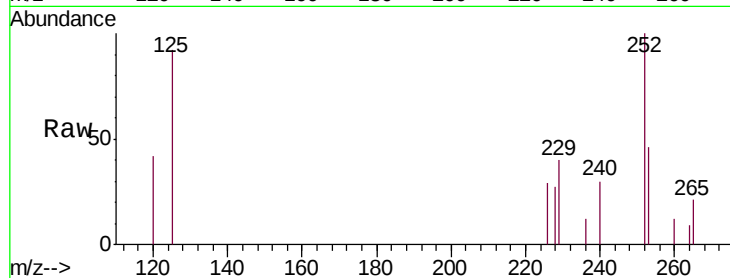
#21
Benzo(b)fluoranthene
Concen: 0.345 ng/ul m
RT: 22.53 min Scan# 3730
Delta R.T. 0.00 min
Lab File: BE097449.D
Acq: 12 Sep 2018 11:35

Instrument :
BNA_E
ClientSampleId :
A3YZ4

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	9944		
253	46.1	0.0	64.2	
125	92.1	0.0	35.0#	

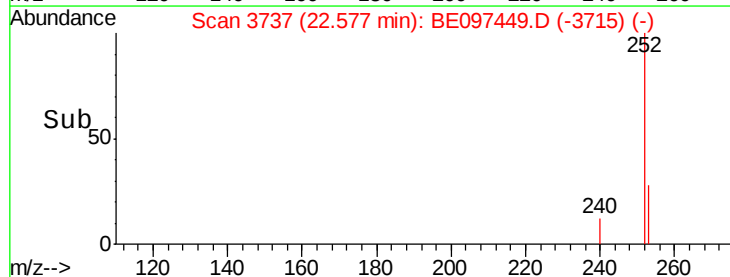
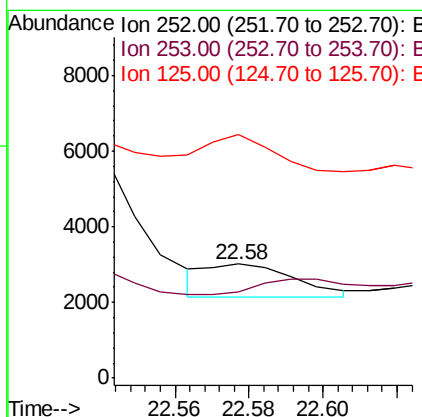
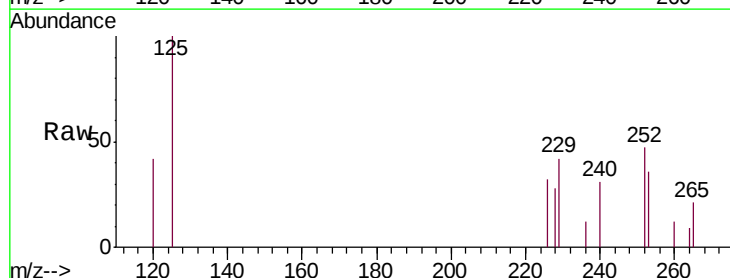
Manual Integrations
APPROVED

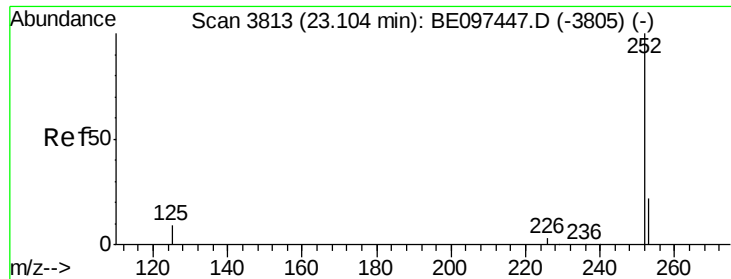
Sohil
9/18/2018 6:14:22 PM



#22
Benzo(k)fluoranthene
Concen: 0.045 ng/ul m
RT: 22.58 min Scan# 3737
Delta R.T. 0.01 min
Lab File: BE097449.D
Acq: 12 Sep 2018 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1448		
253	76.0	24.5	36.7#	
125	213.5	13.7	20.5#	





#23

Benzo(a)pyrene

Concen: 0.293 ng/ul m

RT: 23.10 min Scan# 3812

Delta R.T. 0.00 min

Lab File: BE097449.D

Acq: 12 Sep 2018 11:35

Instrument :

BNA_E

ClientSampled :

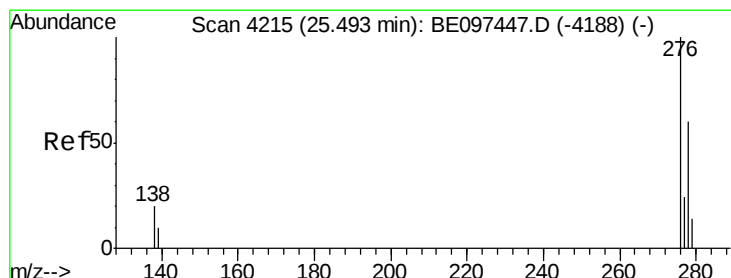
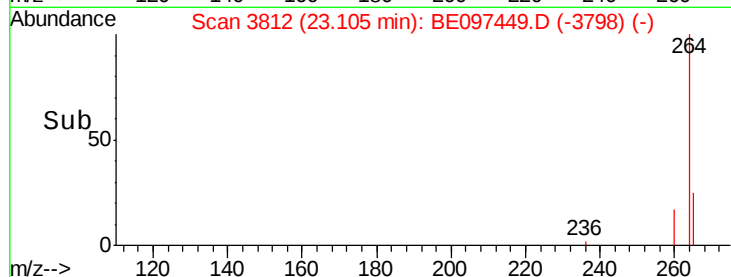
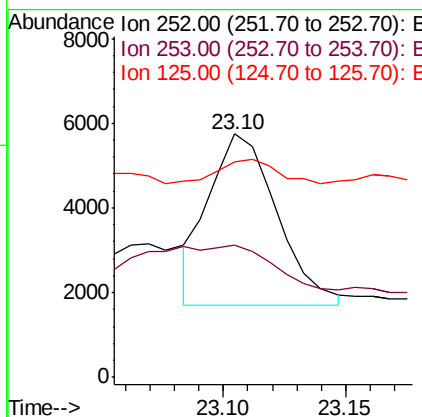
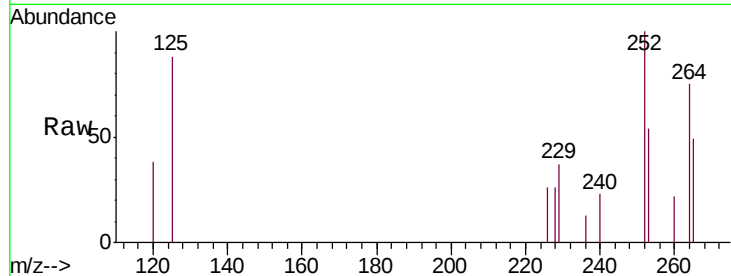
A3YZ4

Tgt Ion:	252	Resp:	7804
Ion Ratio	Lower	Upper	
252	100		
253	54.2	28.5	42.7#
125	88.3	18.1	27.1#

Manual Integrations
APPROVED

Sohil

9/18/2018 6:14:22 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.078 ng/ul

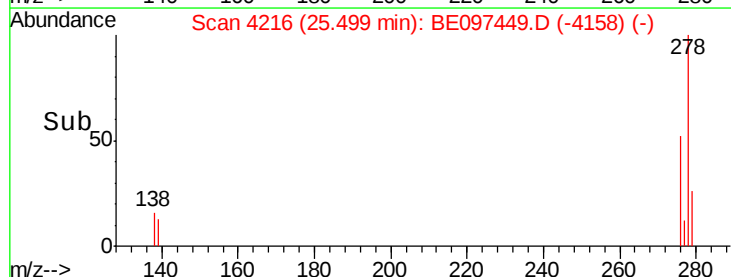
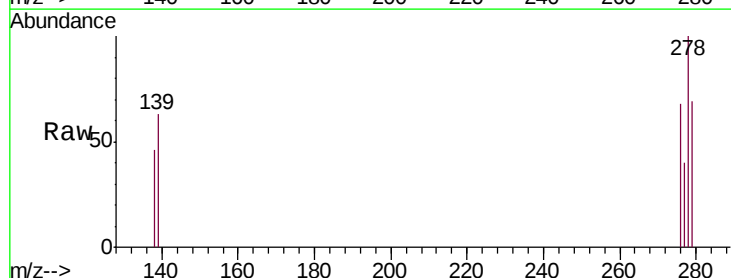
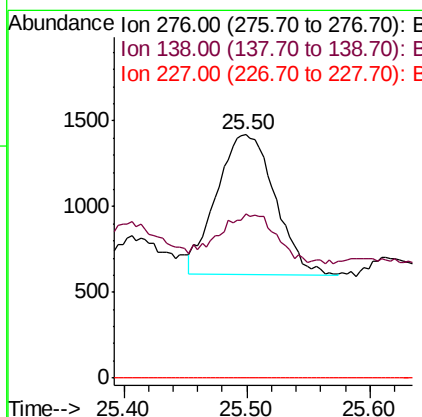
RT: 25.50 min Scan# 4216

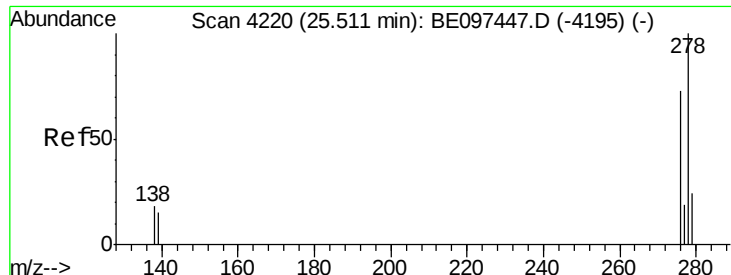
Delta R.T. 0.01 min

Lab File: BE097449.D

Acq: 12 Sep 2018 11:35

Tgt Ion:	276	Resp:	2703
Ion Ratio	Lower	Upper	
276	100		
138	32.9	28.0	42.0
227	0.0	8.0	12.0#





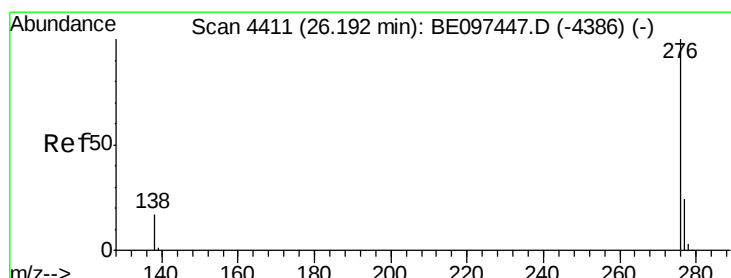
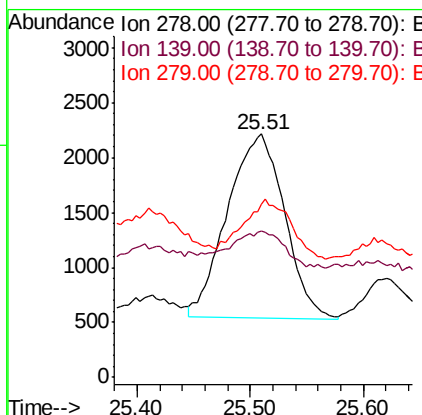
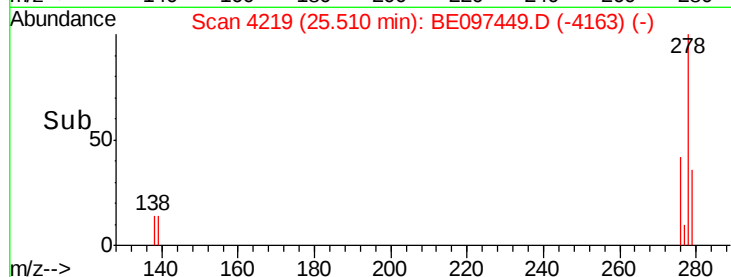
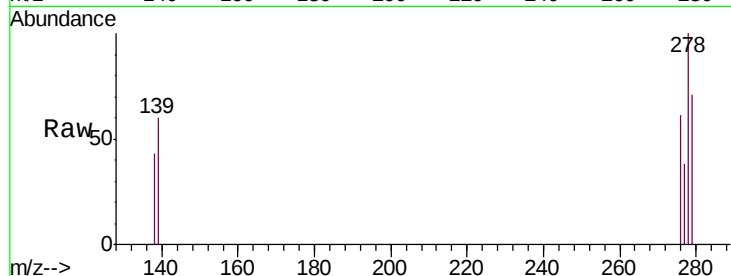
#25
Dibenzo(a,h)anthracene
Concen: 0.201 ng/ul
RT: 25.51 min Scan# 4219
Delta R.T. -0.00 min
Lab File: BE097449.D
Acq: 12 Sep 2018 11:35

Instrument :
BNA_E
ClientSampled :
A3YZ4

Tgt Ion	Ratio	Lower	Upper
278	100		
139	59.9	17.4	26.0#
279	71.3	25.9	38.9#

Manual Integrations
APPROVED

Sohil
9/18/2018 6:14:22 PM



#26
Benzo(g,h,i)perylene
Concen: 0.084 ng/ul
RT: 26.20 min Scan# 4412
Delta R.T. 0.01 min
Lab File: BE097449.D
Acq: 12 Sep 2018 11:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	60.6	21.8	32.8#
277	63.2	20.5	30.7#

