

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091418\
 Data File : BE097486.D
 Acq On : 14 Sep 2018 14:14
 Operator : SJ/JU
 Sample : J4792-03DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YY9DL

Manual Integrations
 APPROVED

Sohil
 9/17/2018 10:06:54 AM

Quant Time: Sep 14 18:44:15 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 07:48:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	984	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4948	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.00	164	3068	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	8180	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9786	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10308	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	163	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	554m	0.02	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.17	128	1493	0.124	ng/ul#	92
5) 2-Methylnaphthalene	11.80	142	511	0.067	ng/ul	98
7) Acenaphthylene	13.72	152	497	0.044	ng/ul#	72
8) Acenaphthene	14.07	153	763	0.079	ng/ul	95
9) Fluorene	15.07	166	818	0.074	ng/ul#	91
12) Phenanthrene	16.80	178	18379	0.873	ng/ul#	89
13) Anthracene	16.89	178	3258	0.184	ng/ul	93
15) Fluoranthene	18.83	202	27094	1.002	ng/ul	84
17) Pyrene	19.19	202	26304	0.999	ng/ul#	81
18) Benzo(a)anthracene	20.95	228	15915	0.633	ng/ul#	90
19) Chrysene	21.00	228	18054	0.623	ng/ul	95
21) Benzo(b)fluoranthene	22.53	252	18407m	0.667	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	6341m	0.206	ng/ul	
23) Benzo(a)pyrene	23.10	252	12946	0.507	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.49	276	9433	0.285	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.50	278	3203	0.114	ng/ul#	74
26) Benzo(a,h,i)perylene	26.19	276	9076	0.322	ng/ul	93

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

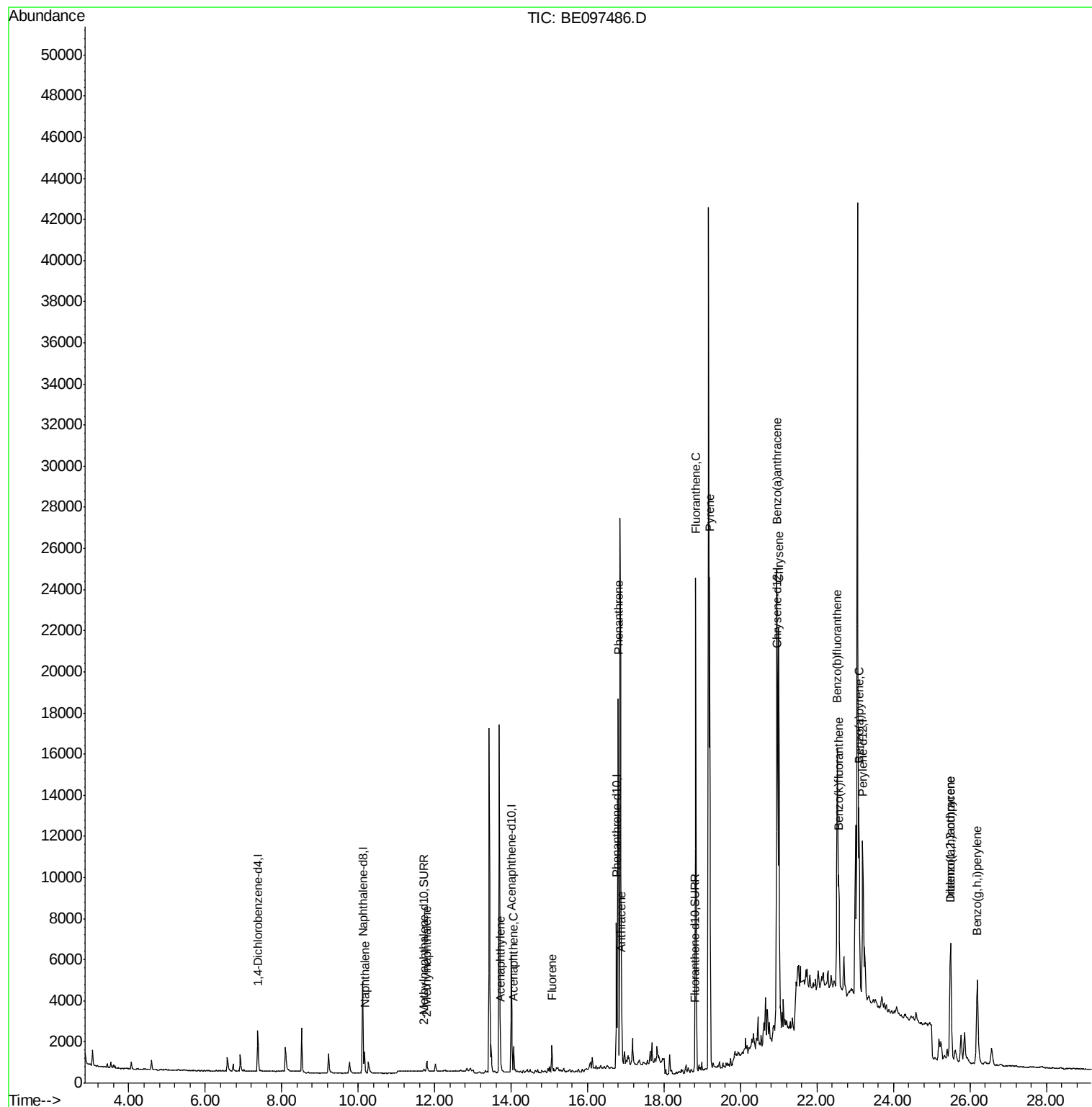
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091418\
Data File : BE097486.D
Acq On : 14 Sep 2018 14:14
Operator : SJ/JU
Sample : J4792-03DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

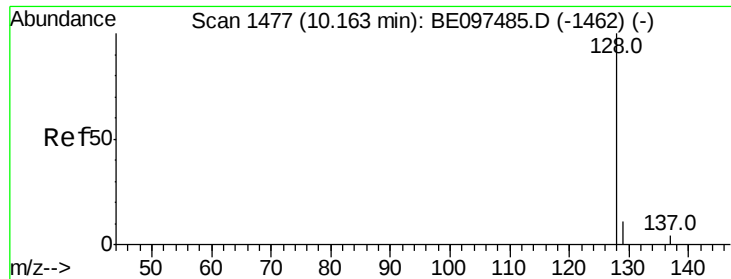
Instrument :
BNA_E
ClientSampleId :
A3YY9DL

Manual Integrations
APPROVED

Sohil
9/17/2018 10:06:54 AM

Quant Time: Sep 14 18:44:15 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 07:48:38 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.124 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BE097486.D

Acq: 14 Sep 2018 14:14

Instrument :

BNA_E

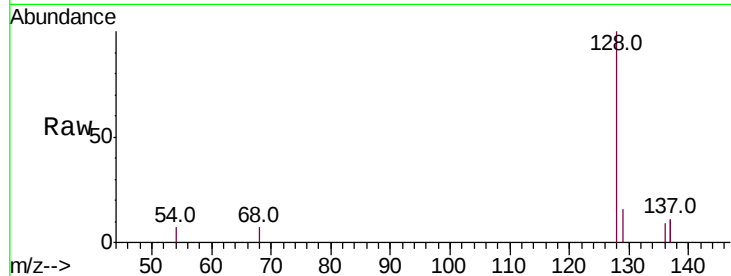
ClientSampleId :

A3YY9DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	16.2	11.3	16.9
127	0.0	4.0	6.0

Manual Integrations
APPROVED

Sohil
9/17/2018 10:06:54 AM

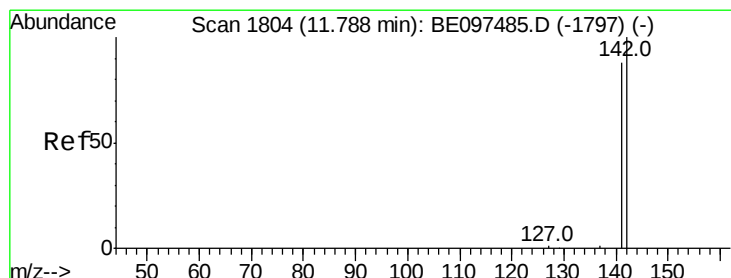
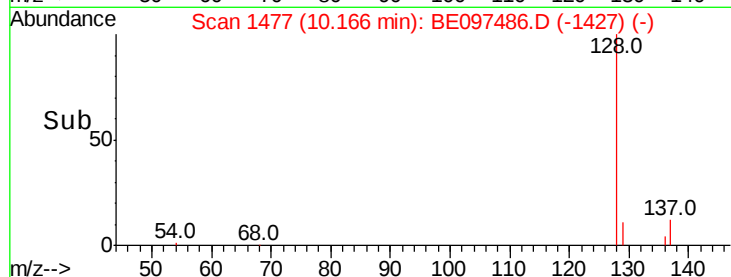
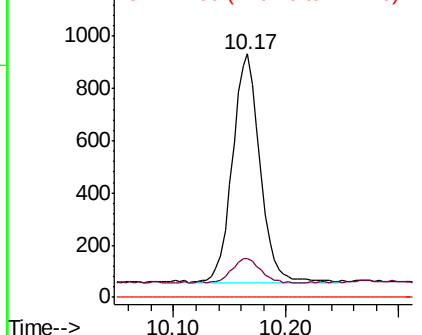


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.067 ng/ul

RT: 11.80 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BE097486.D

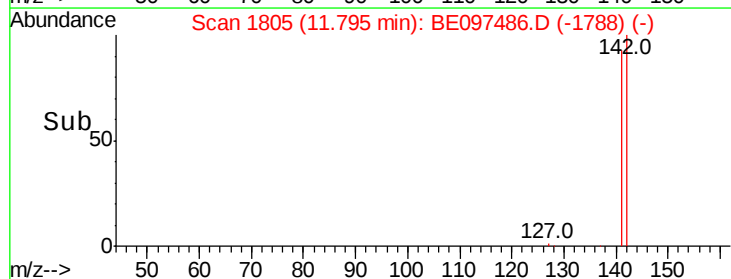
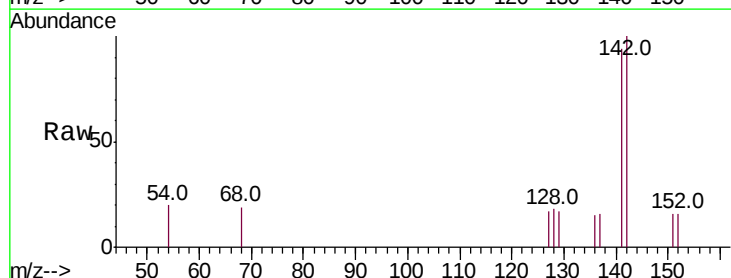
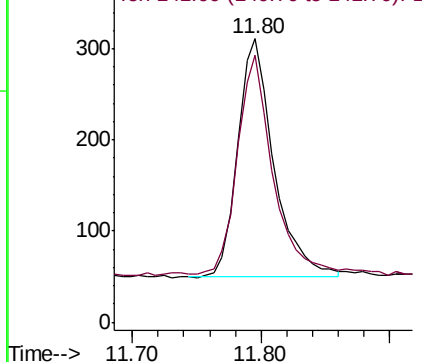
Acq: 14 Sep 2018 14:14

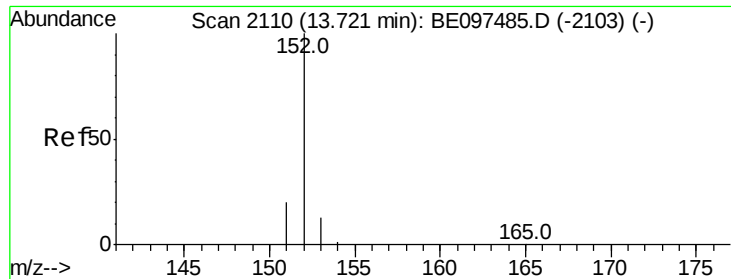
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.044 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE097486.D

Acq: 14 Sep 2018 14:14

Instrument :

BNA_E

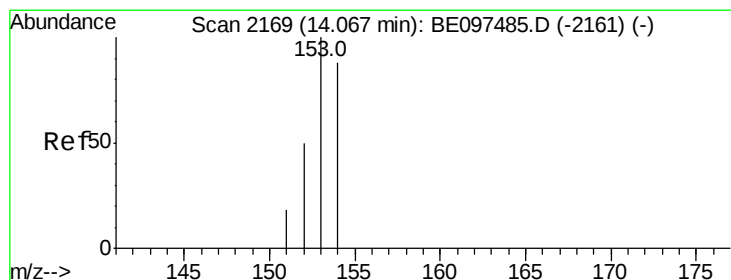
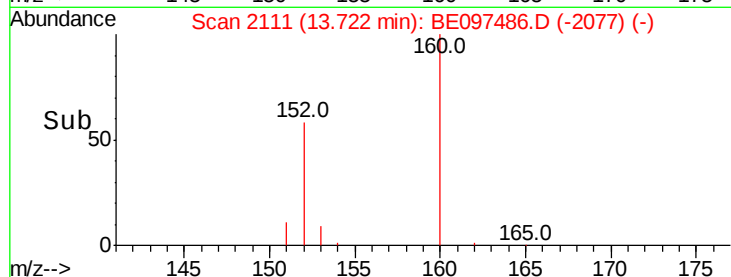
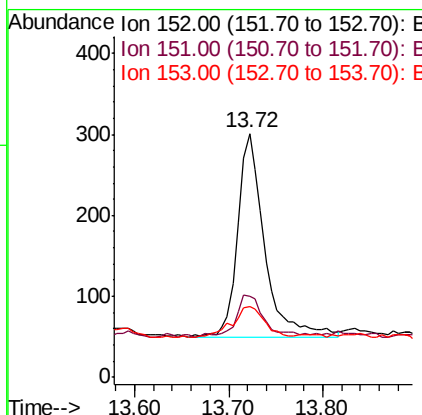
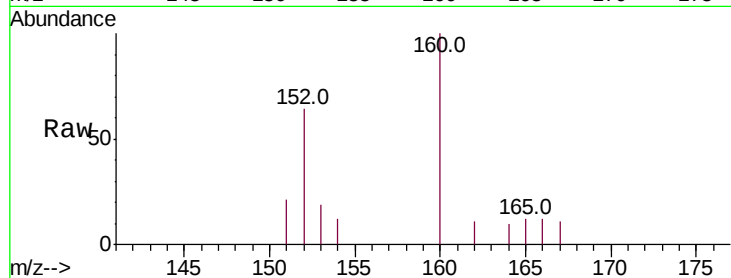
ClientSampleId :

A3YY9DL

Tot Ion:	152	Resp:	497
Ion Ratio	Lower	Upper	
152	100		
151	33.2	17.1	25.7#
153	29.2	12.8	19.2#

Manual Integrations
APPROVED

Sohil
9/17/2018 10:06:54 AM



#8

Acenaphthene

Concen: 0.079 ng/ul

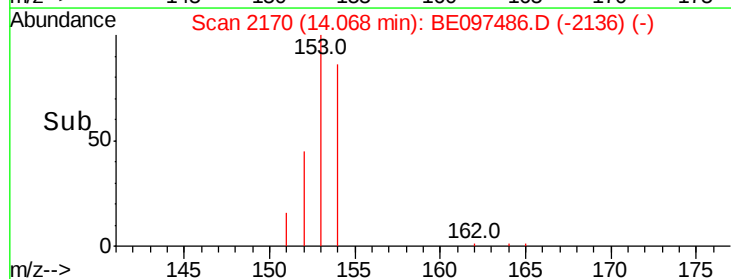
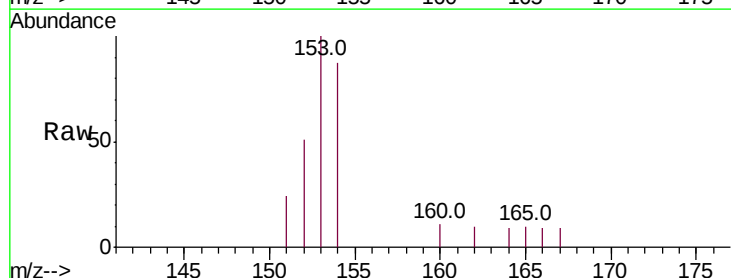
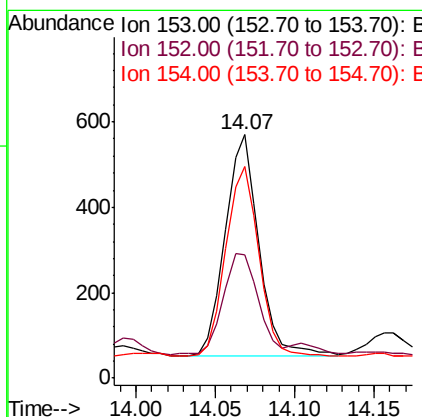
RT: 14.07 min Scan# 2170

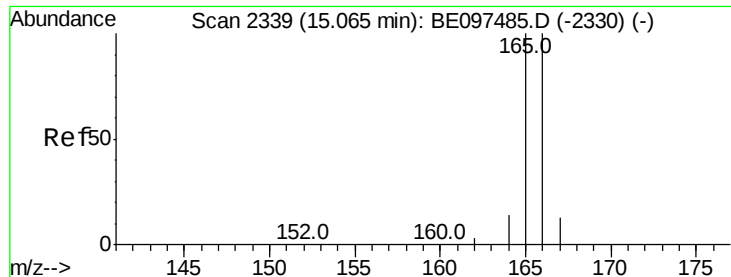
Delta R.T. 0.00 min

Lab File: BE097486.D

Acq: 14 Sep 2018 14:14

Tgt Ion:	153	Resp:	763
Ion Ratio	Lower	Upper	
153	100		
152	50.7	36.0	54.0
154	87.0	72.0	108.0





#9

Fluorene

Concen: 0.074 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BE097486.D

Acq: 14 Sep 2018 14:14

Instrument :

BNA_E

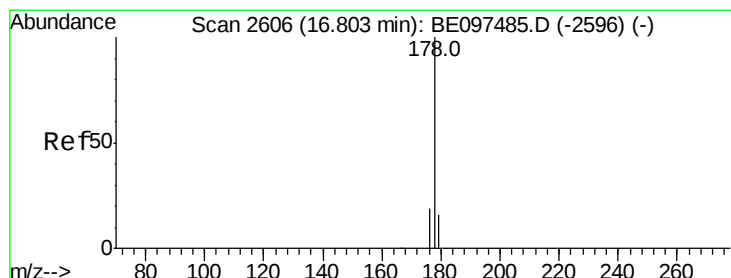
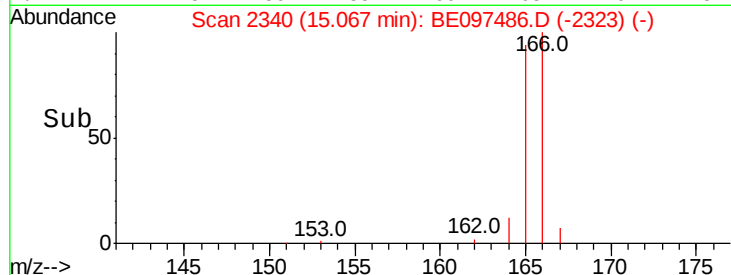
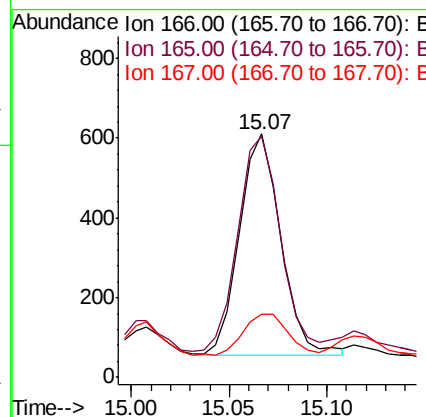
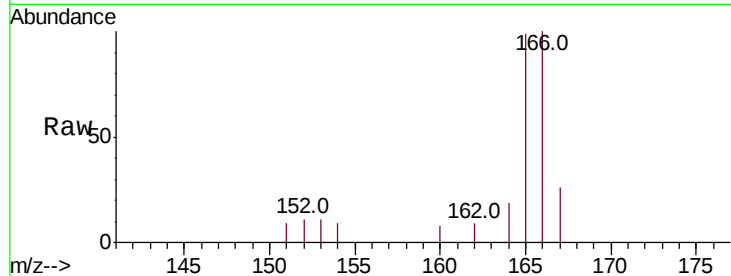
ClientSampleId :

A3YY9DL

Tot Ion:	166	Resp:	818
Ion Ratio	Lower	Upper	
166	100		
165	99.2	73.4	110.2
167	26.2	14.6	22.0#

Manual Integrations
APPROVED

Sohil
9/17/2018 10:06:54 AM



#12

Phenanthrene

Concen: 0.873 ng/ul

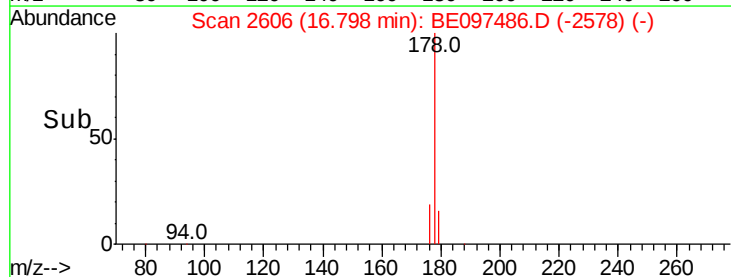
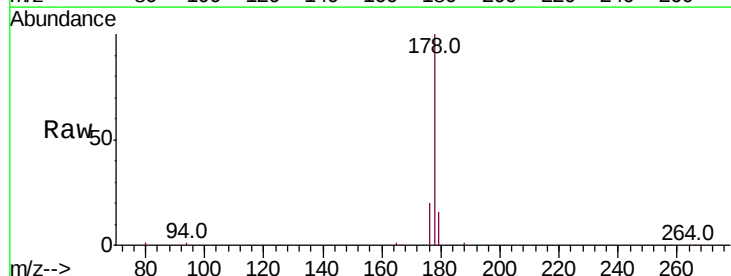
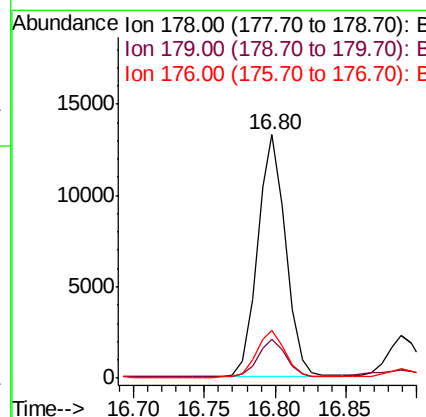
RT: 16.80 min Scan# 2606

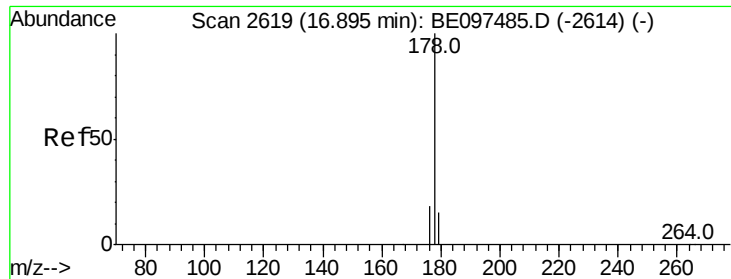
Delta R.T. -0.01 min

Lab File: BE097486.D

Acq: 14 Sep 2018 14:14

Tgt Ion:	178	Resp:	18379
Ion Ratio	Lower	Upper	
178	100		
179	16.0	18.4	27.6#
176	19.6	13.6	20.4





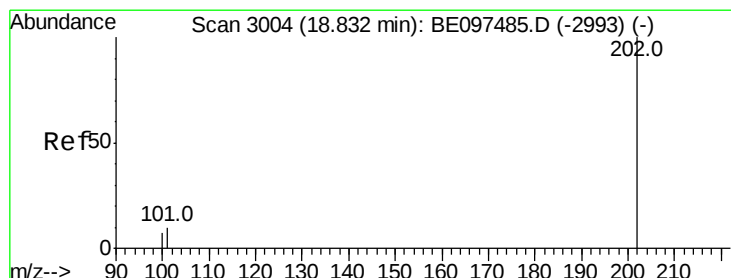
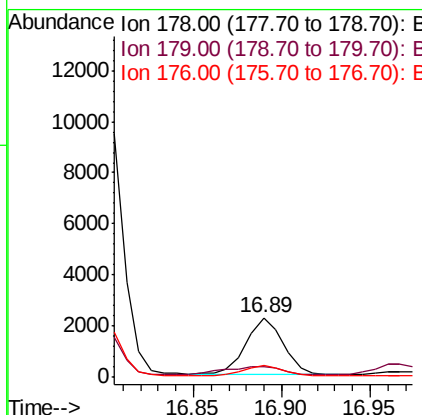
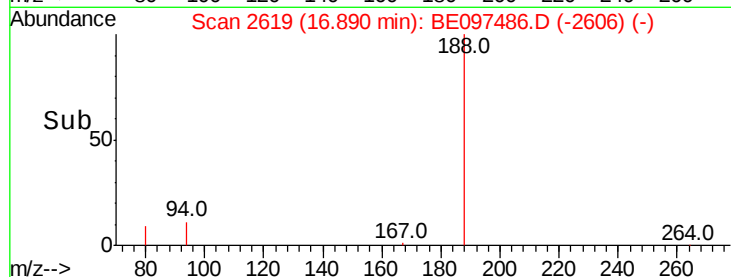
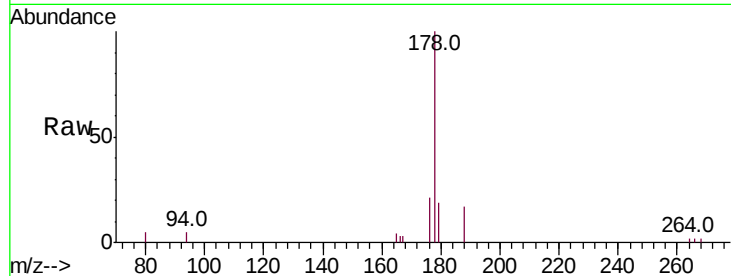
#13
 Anthracene
 Concen: 0.184 ng/ul
 RT: 16.89 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BE097486.D
 Acq: 14 Sep 2018 14:14

Instrument :
 BNA_E
 ClientSampleId :
 A3YY9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.6	18.1	27.1
176	20.8	14.7	22.1

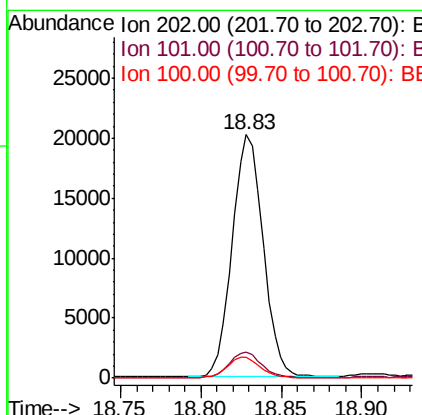
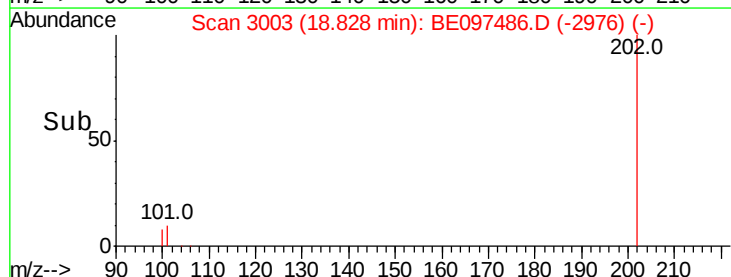
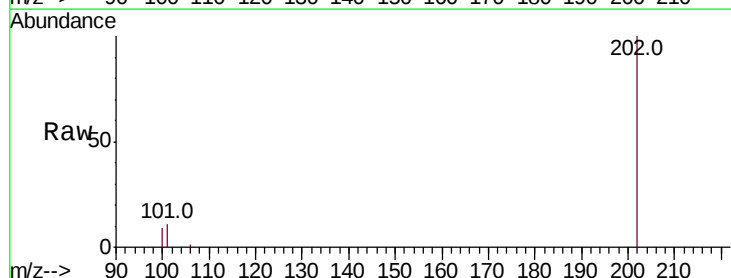
Manual Integrations
 APPROVED

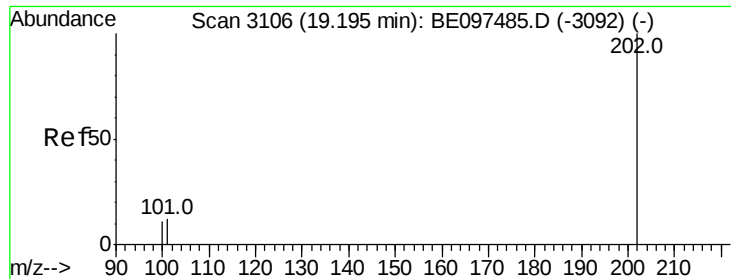
Sohil
 9/17/2018 10:06:54 AM



#15
 Fluoranthene
 Concen: 1.002 ng/ul
 RT: 18.83 min Scan# 3003
 Delta R.T. -0.00 min
 Lab File: BE097486.D
 Acq: 14 Sep 2018 14:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
100	8.6	0.0	39.5





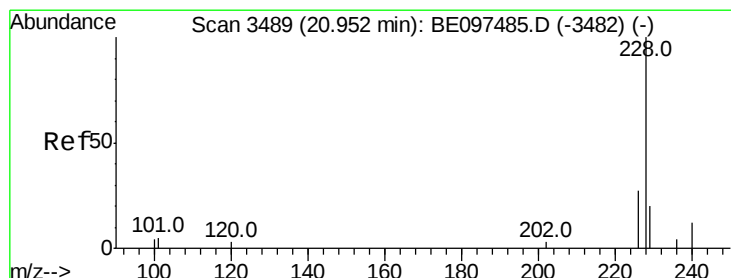
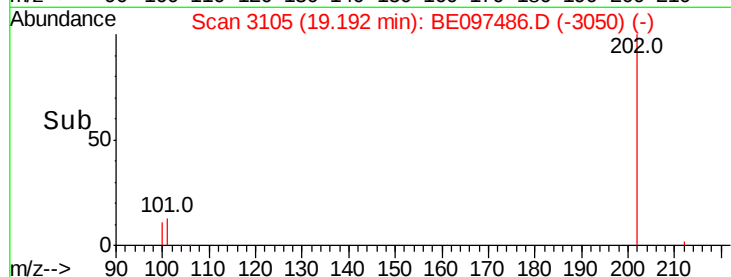
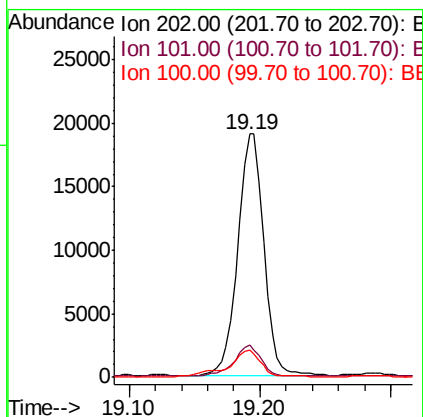
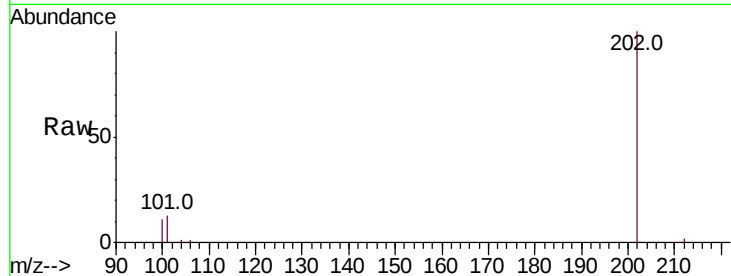
#17
Pvrene
Concen: 0.999 ng/ul
RT: 19.19 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BE097486.D
Acq: 14 Sep 2018 14:14

Instrument :
BNA_E
ClientSampleId :
A3YY9DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	18.2	27.4#
100	11.2	15.6	23.4#

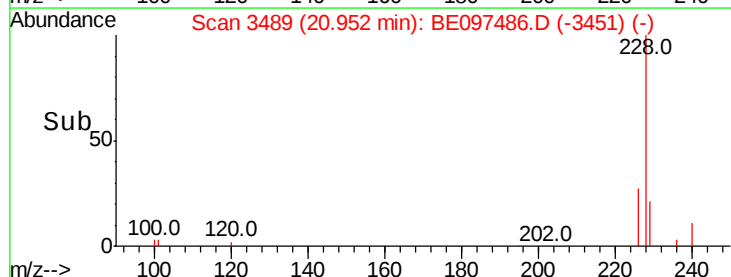
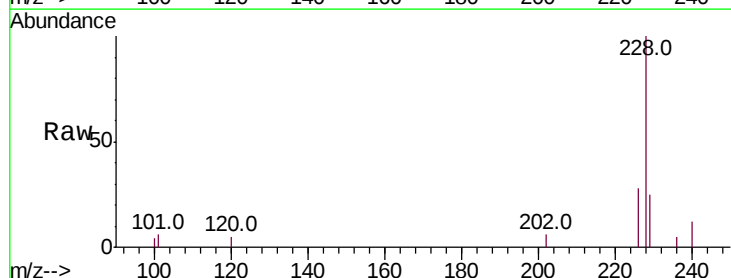
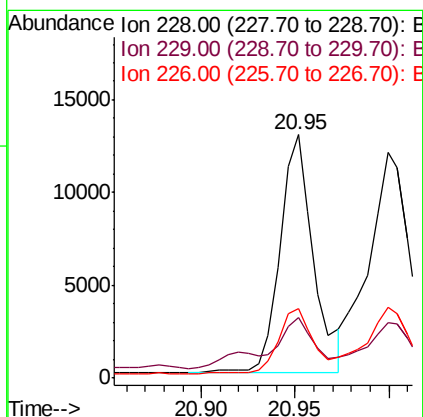
Manual Integrations
APPROVED

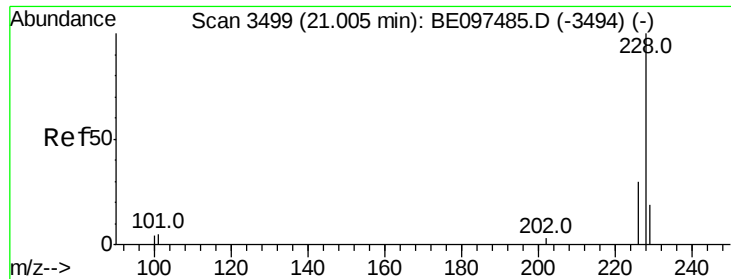
Sohil
9/17/2018 10:06:54 AM



#18
Benzo(a)anthracene
Concen: 0.633 ng/ul
RT: 20.95 min Scan# 3489
Delta R.T. -0.00 min
Lab File: BE097486.D
Acq: 14 Sep 2018 14:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.8	22.8	34.2
226	28.4	17.0	25.6#





#19

Chrysene

Concen: 0.623 ng/ul

RT: 21.00 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BE097486.D

Acq: 14 Sep 2018 14:14

Instrument :

BNA_E

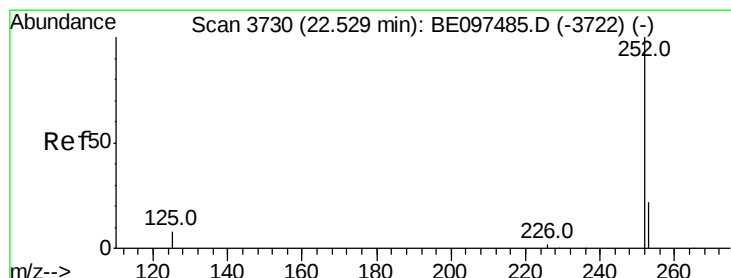
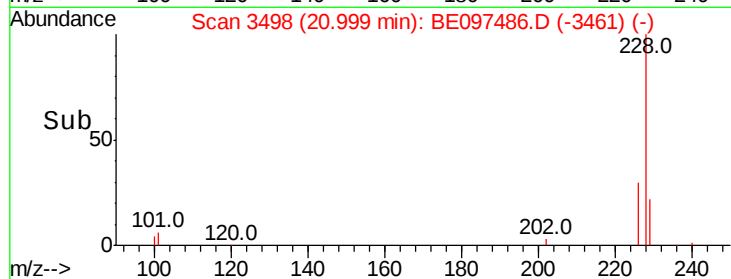
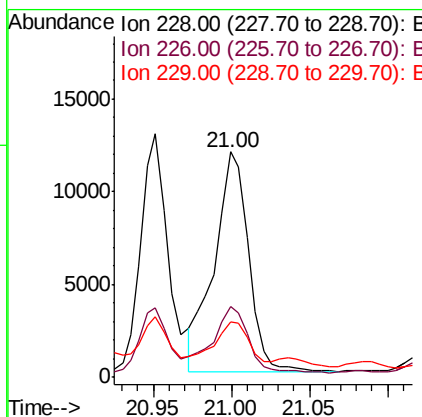
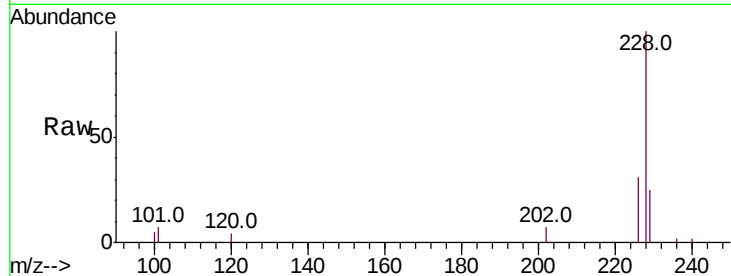
ClientSampleId :

A3YY9DL

Tot Ion:	228	Resp:	18054
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.4	35.0
229	24.8	17.7	26.5

Manual Integrations
APPROVED

Sohil
9/17/2018 10:06:54 AM



#21

Benzo(b)fluoranthene

Concen: 0.667 ng/ul m

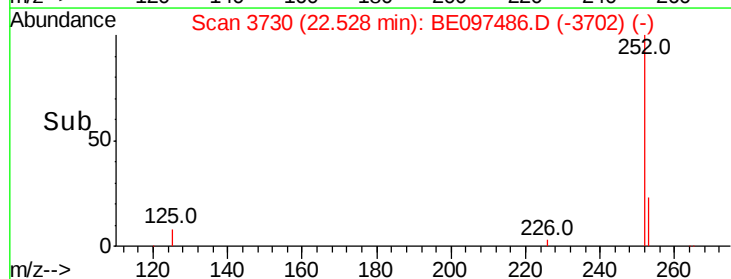
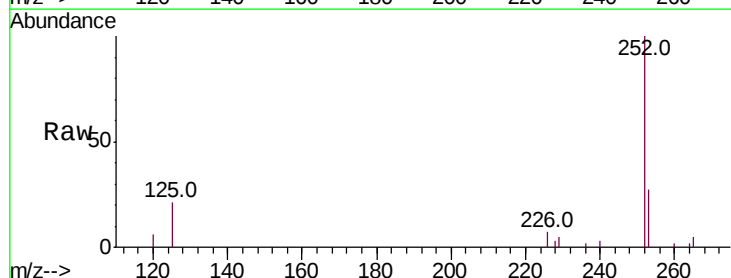
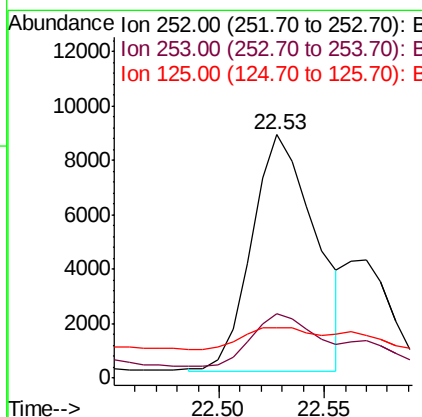
RT: 22.53 min Scan# 3730

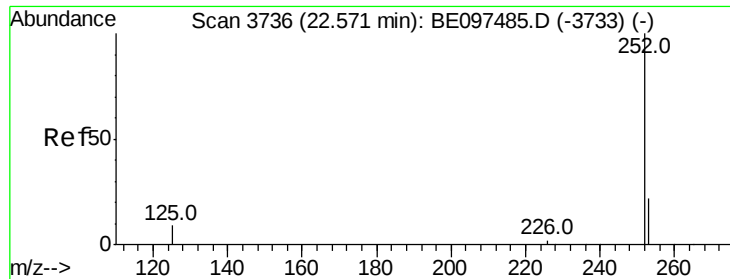
Delta R.T. -0.00 min

Lab File: BE097486.D

Acq: 14 Sep 2018 14:14

Tgt Ion:	252	Resp:	18407
Ion Ratio	Lower	Upper	
252	100		
253	26.6	0.0	64.2
125	20.6	0.0	35.0





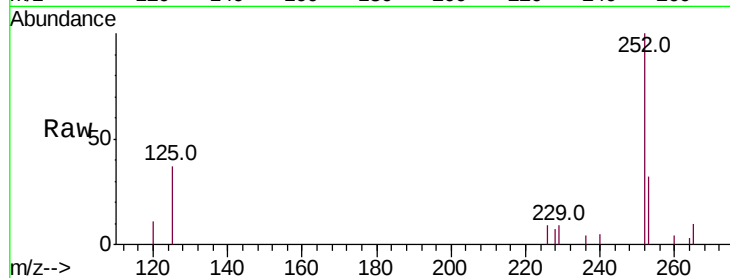
#22
Benzo(k)fluoranthene
Concen: 0.206 ng/ul m
RT: 22.57 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BE097486.D
Acq: 14 Sep 2018 14:14

Instrument :
BNA_E
ClientSampleId :
A3YY9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.0	24.5	36.7
125	36.7	13.7	20.5#

Manual Integrations
APPROVED

Sohil
9/17/2018 10:06:54 AM

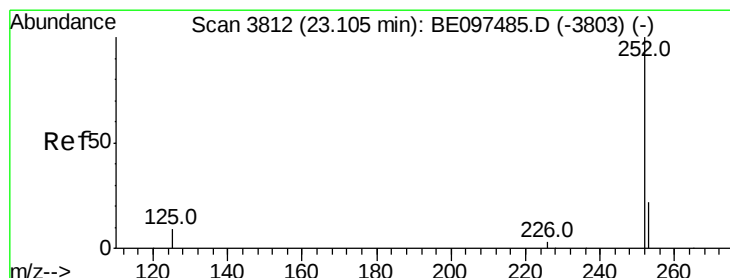
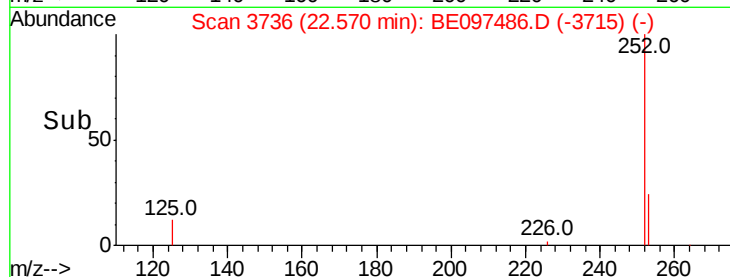
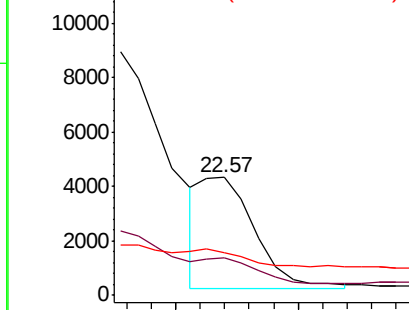


Abundance

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



#23
Benzo(a)pyrene
Concen: 0.507 ng/ul
RT: 23.10 min Scan# 3811
Delta R.T. -0.01 min
Lab File: BE097486.D
Acq: 14 Sep 2018 14:14

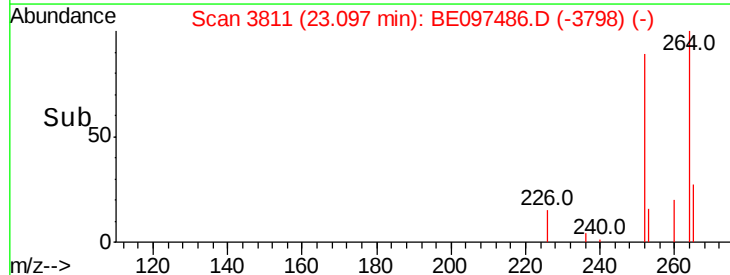
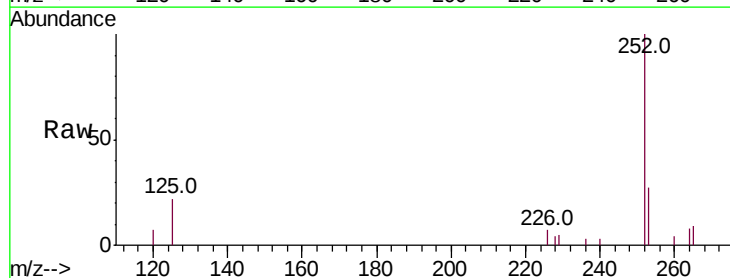
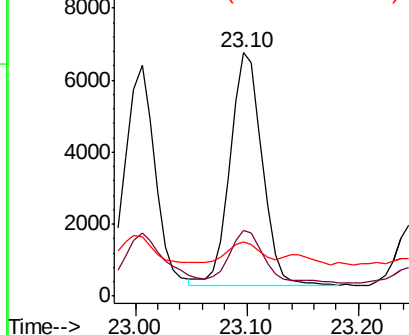
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	28.5	42.7#
125	22.5	18.1	27.1

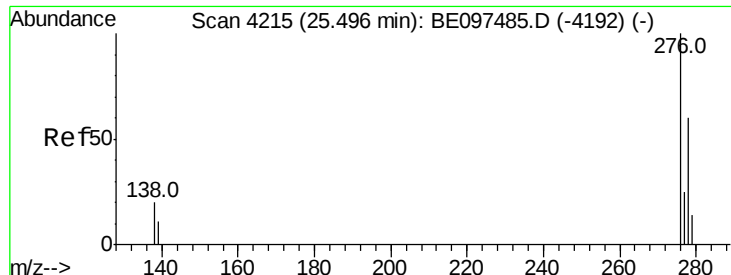
Abundance

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





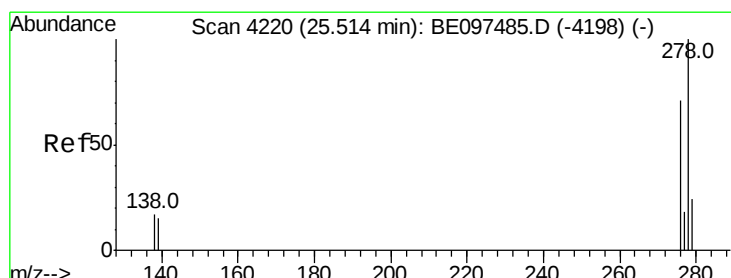
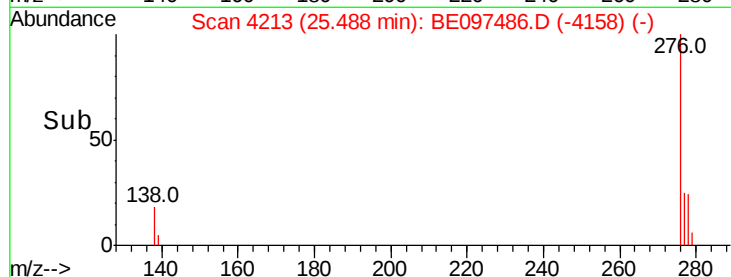
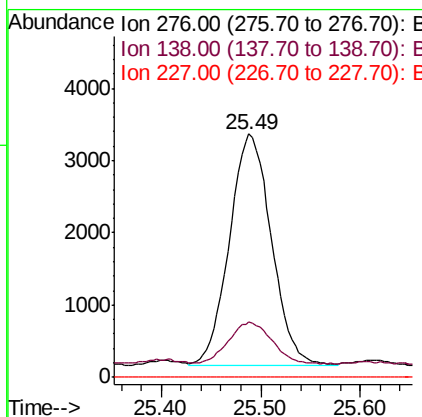
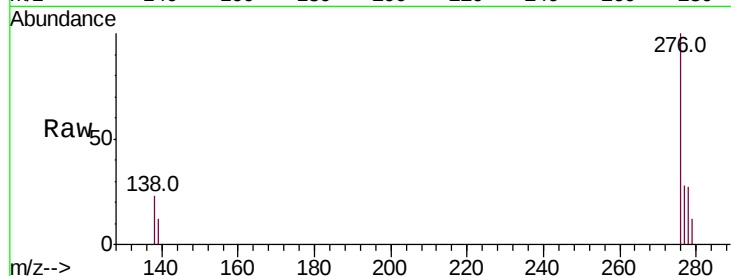
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.285 ng/uL
 RT: 25.49 min Scan# 4213
 Delta R.T. -0.00 min
 Lab File: BE097486.D
 Acq: 14 Sep 2018 14:14

Instrument :
 BNA_E
 ClientSampleID :
 A3YY9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	28.0	42.0#
227	0.0	8.0	12.0#

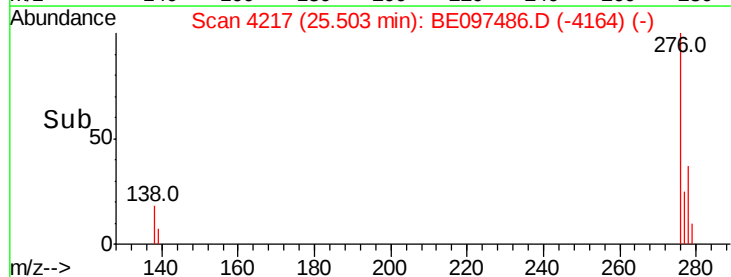
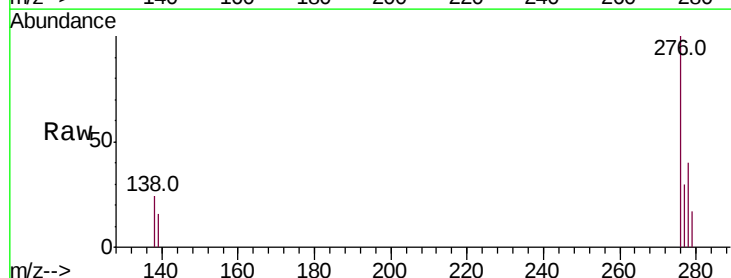
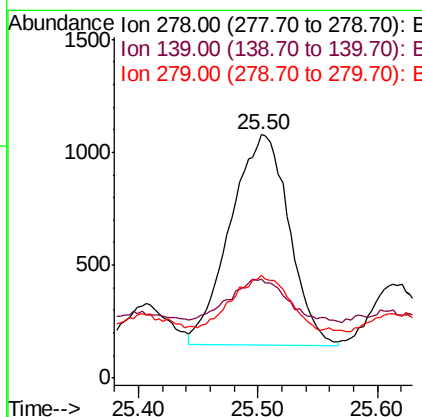
Manual Integrations
 APPROVED

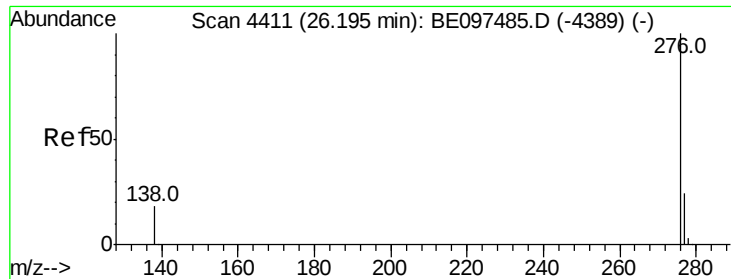
Sohil
 9/17/2018 10:06:54 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.114 ng/uL
 RT: 25.50 min Scan# 4217
 Delta R.T. -0.01 min
 Lab File: BE097486.D
 Acq: 14 Sep 2018 14:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.6	17.4	26.0#
279	42.1	25.9	38.9#





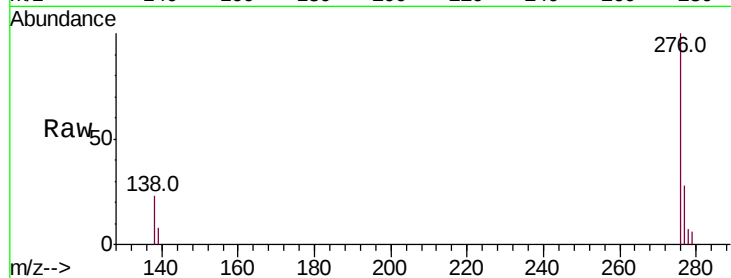
#26
 Benzo(a,h,i)perylene
 Concen: 0.322 ng/ul
 RT: 26.19 min Scan# 4410
 Delta R.T. -0.00 min
 Lab File: BE097486.D
 Acq: 14 Sep 2018 14:14

Instrument :
 BNA_E
 ClientSampleId :
 A3YY9DL

Tot Ion:	276	Resp:	9076
Ion Ratio	Lower	Upper	
276	100		
138	22.5	21.8	32.8
277	27.7	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 9/17/2018 10:06:54 AM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

