

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082817\
 Data File : BE093889.D
 Acq On : 28 Aug 2017 9:27
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

Sohil

8/28/2017 5:52:21 PM

Quant Time: Aug 28 11:53:21 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 11:26:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1892	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	9459	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5221	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12230	0.40	ng	0.00
27) Chrysene-d12	21.42	240	12865	0.40	ng	0.00
34) Perylene-d12	23.93	264	10798	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2228	0.38	ng	0.00
5) Phenol-d6	7.10	99	3350	0.38	ng	0.00
8) Nitrobenzene-d5	9.06	82	2975	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5887	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	479	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8136	0.39	ng	-0.01
25) Fluoranthene-d10	19.27	212	53934	0.38	ng	0.00
29) Terphenyl-d14	19.87	244	9000	0.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	1021	0.393	ng	98
3) n-Nitrosodimethylamine	3.75	42	1149	0.397	ng	# 93
6) bis(2-Chloroethyl)ether	7.34	93	2695	0.393	ng	97
9) Naphthalene	10.76	128	42297	0.393	ng	100
10) Hexachlorobutadiene	11.04	225	1488	0.391	ng	99
12) 2-Methylnaphthalene	12.36	142	6973	0.387	ng	99
16) Acenaphthylene	14.24	152	9833	0.381	ng	99
17) Acenaphthene	14.58	154	6804	0.390	ng	100
18) Fluorene	15.56	166	8855	0.393	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1803	0.374	ng	96
21) Hexachlorobenzene	16.55	284	1658	0.394	ng	# 100
22) Pentachlorophenol	16.94	266	630	0.329	ng	94
23) Phenanthrene	17.27	178	11324	0.364	ng	# 63
24) Anthracene	17.37	178	13018m	0.351	ng	
26) Fluoranthene	19.30	202	16271	0.382	ng	100
28) Pyrene	19.67	202	16769	0.387	ng	100
30) Benzo(a)anthracene	21.39	228	14323	0.375	ng	97
31) Chrysene	21.45	228	16248	0.383	ng	99
32) Bis(2-ethylhexyl)phthalate	21.30	149	28077	0.349	ng	100
33) Indeno(1,2,3-cd)pyrene	26.58	276	10588	0.365	ng	96
35) Benzo(b)fluoranthene	23.15	252	12251	0.355	ng	100
36) Benzo(k)fluoranthene	23.20	252	14525	0.369	ng	99
37) Benzo(a)pyrene	23.82	252	12836	0.375	ng	97
38) Dibenzo(a,h)anthracene	26.61	278	8688	0.360	ng	99
39) Benzo(g,h,i)perylene	27.39	276	9721	0.369	ng	99

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082817\
Data File : BE093889.D
Acq On : 28 Aug 2017 9:27
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

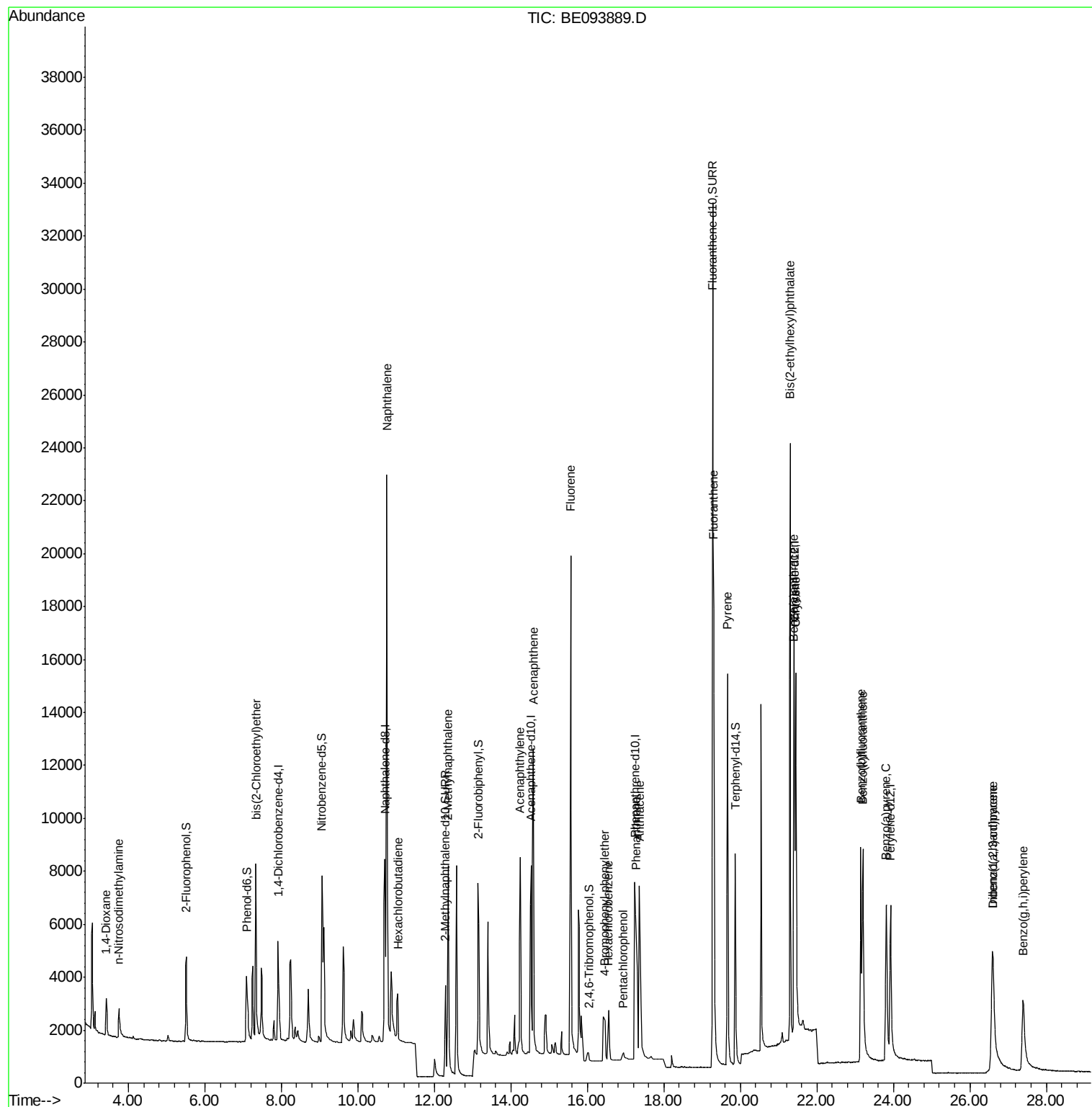
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

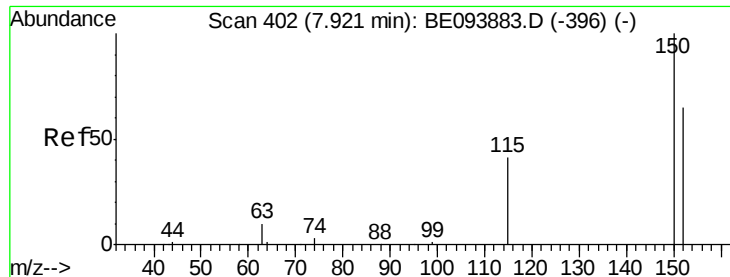
Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM

Quant Time: Aug 28 11:53:21 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 11:26:07 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Instrument :

BNA_E

ClientSampleId :

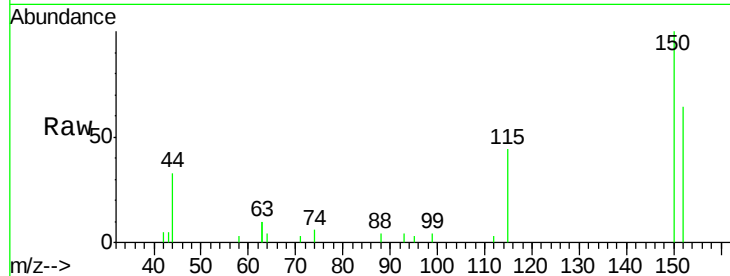
SSTDCCC0.4

Tgt Ion:	152	Resp:	1892
Ion Ratio	Lower	Upper	
152	100		
150	155.6	121.8	182.6
115	68.5	52.6	79.0

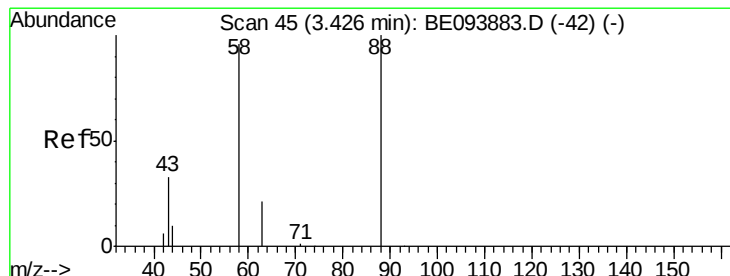
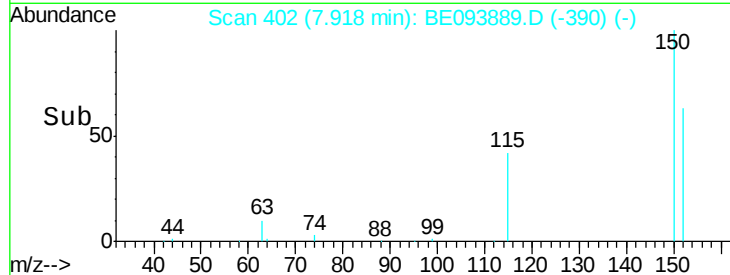
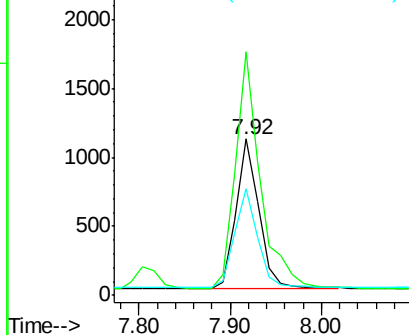
Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.393 ng

RT: 3.42 min Scan# 45

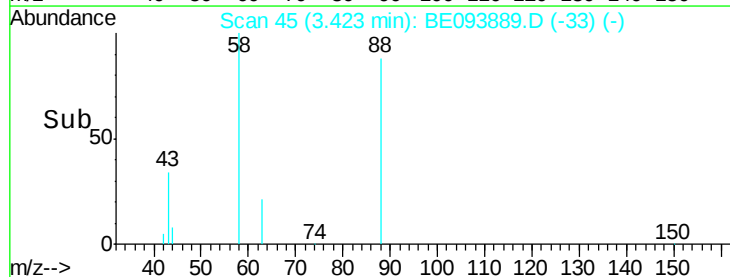
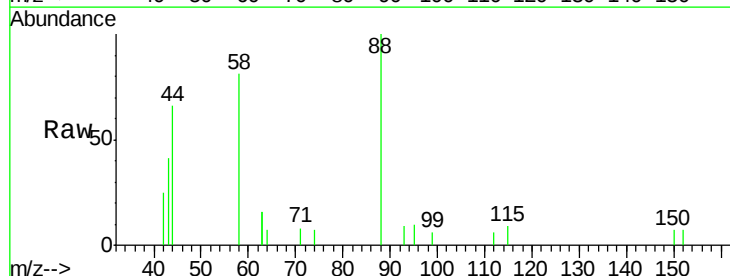
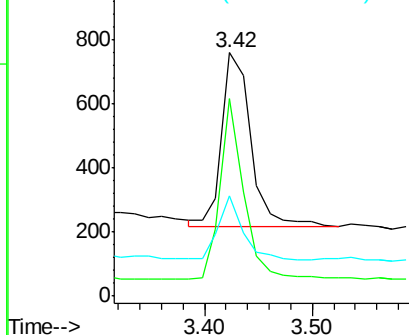
Delta R.T. -0.00 min

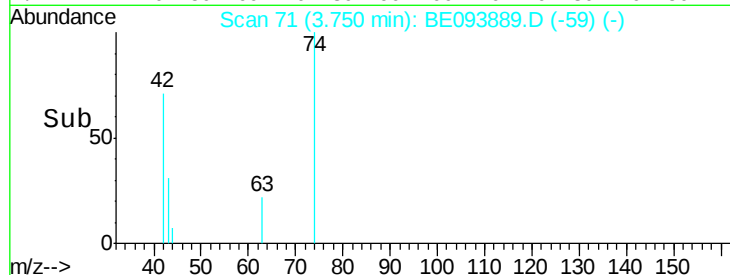
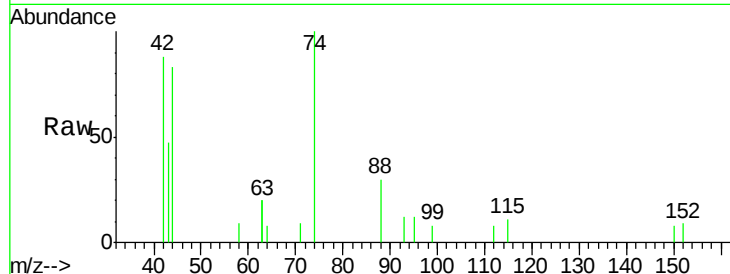
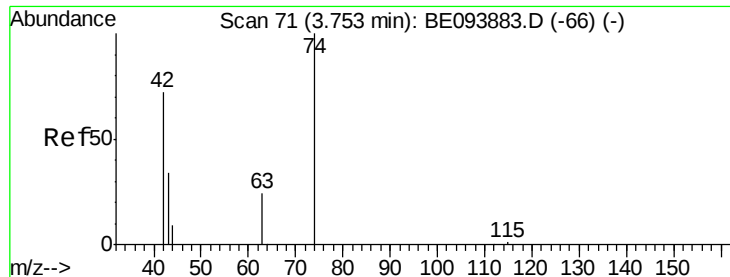
Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Tgt Ion:	88	Resp:	1021
Ion Ratio	Lower	Upper	
88	100		
58	83.4	65.4	98.0
43	31.3	23.9	35.9

Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.397 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Tgt Ion:	42	Resp:	1149
Ion	Ratio	Lower	Upper
42	100		
74	122.5	104.0	156.0
44	11.1	13.8	20.8#

Instrument :

BNA_E

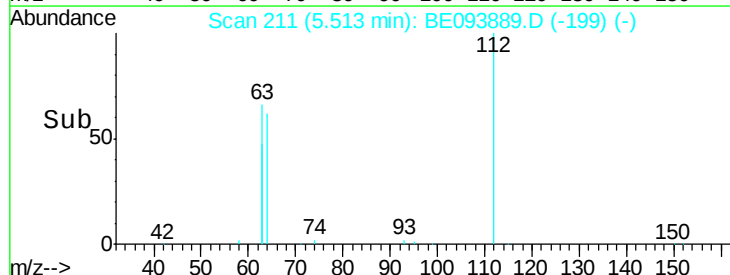
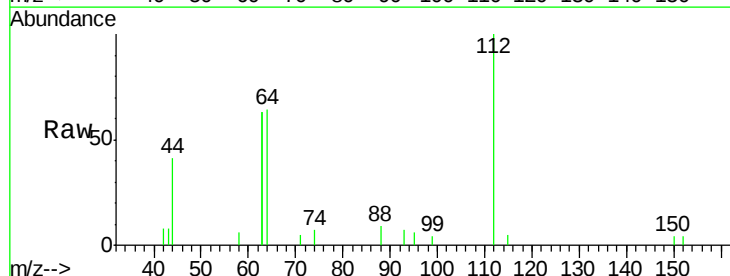
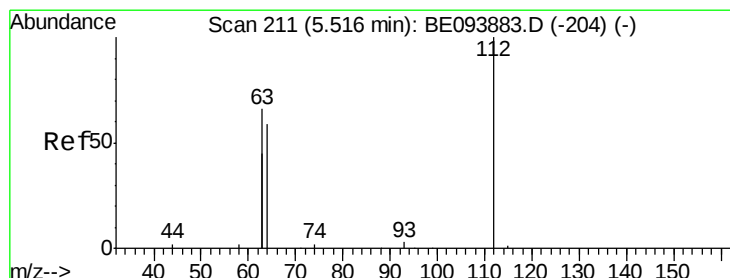
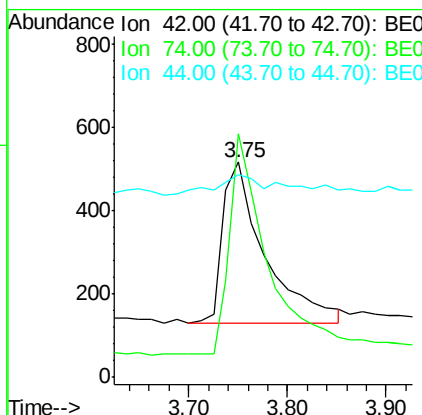
ClientSampleId :

SSTDCCC0.4

Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM



#4

2-Fluorophenol

Concen: 0.383 ng

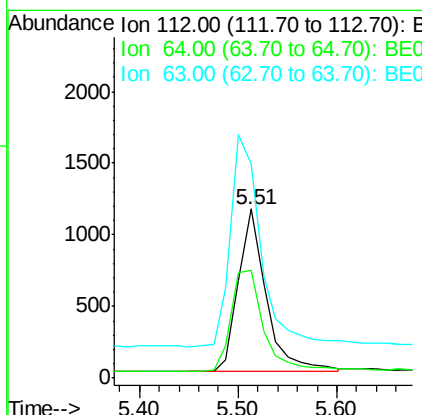
RT: 5.51 min Scan# 211

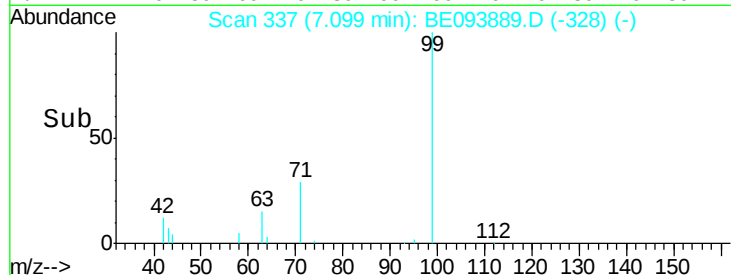
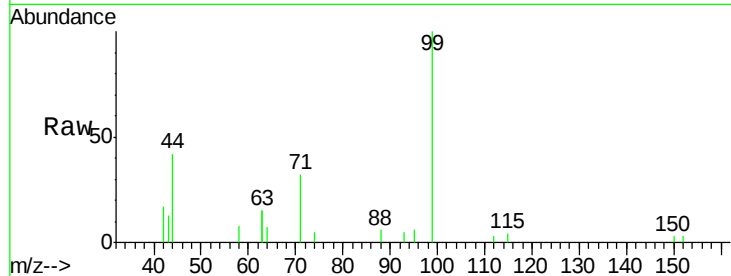
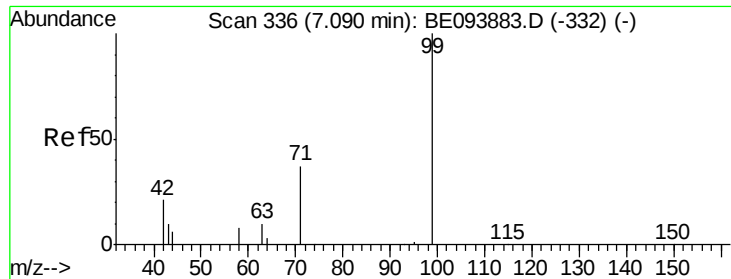
Delta R.T. -0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Tgt Ion:	112	Resp:	2228
Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.7	86.5
63	146.0	116.0	174.0





#5

Phenol-d6

Concen: 0.376 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

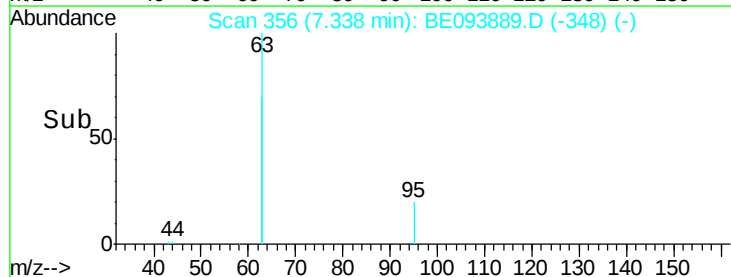
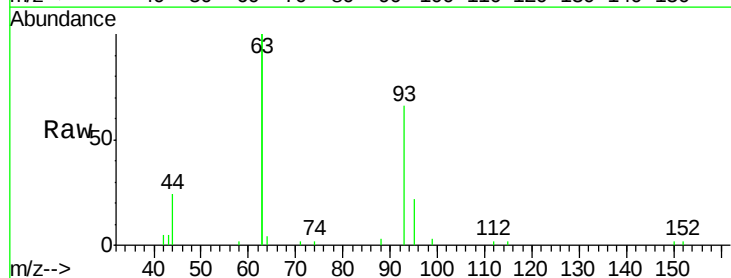
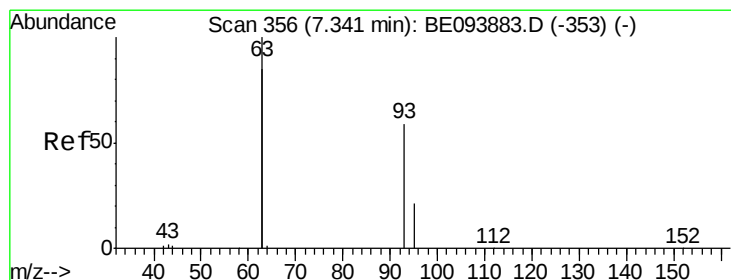
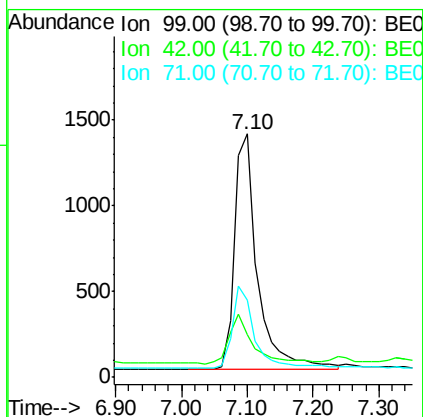
Tgt Ion:	99	Resp:	3350
Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.1	25.7
71	33.6	26.6	39.8

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.393 ng

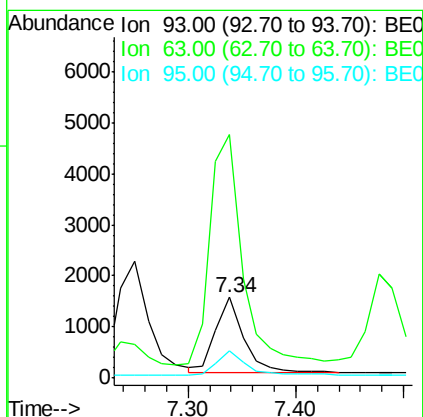
RT: 7.34 min Scan# 356

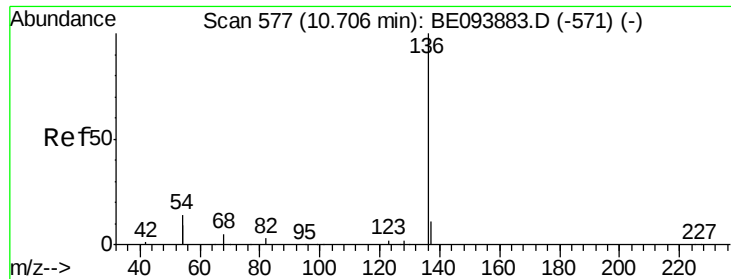
Delta R.T. -0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Tgt Ion:	93	Resp:	2695
Ion	Ratio	Lower	Upper
93	100		
63	348.5	283.4	425.2
95	33.1	26.9	40.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Instrument :

BNA_E

ClientSampleId :

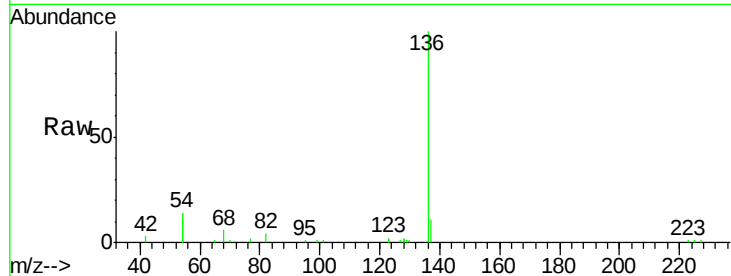
SSTDCCC0.4

Tgt Ion:	136	Resp:	9459
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.2	13.8
54	27.2	21.9	32.9
68	5.9	4.6	7.0

Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM

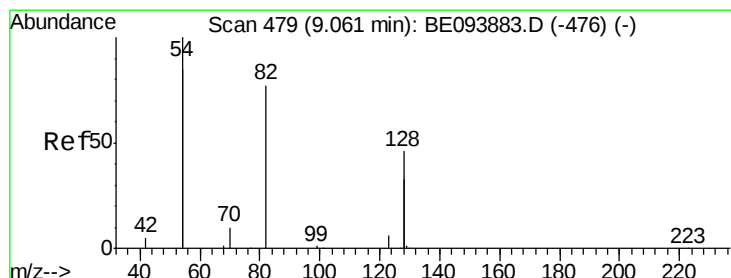
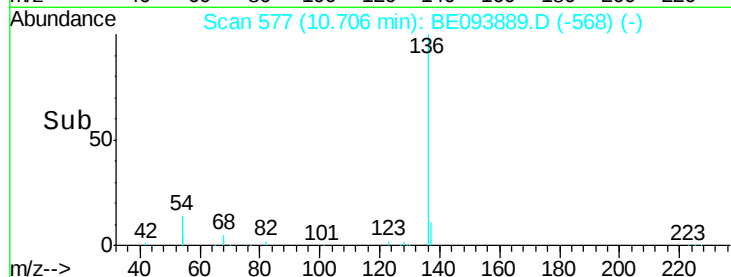
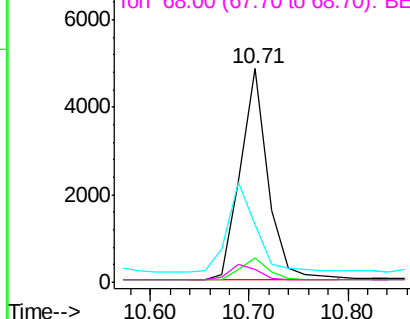


Abundance Ion 136.00 (135.70 to 136.70): BE093889.D (-571) (-)

Ion 137.00 (136.70 to 137.70): BE093889.D (-571) (-)

Ion 54.00 (53.70 to 54.70): BE093889.D (-571) (-)

Ion 68.00 (67.70 to 68.70): BE093889.D (-571) (-)



#8

Nitrobenzene-d5

Concen: 0.378 ng

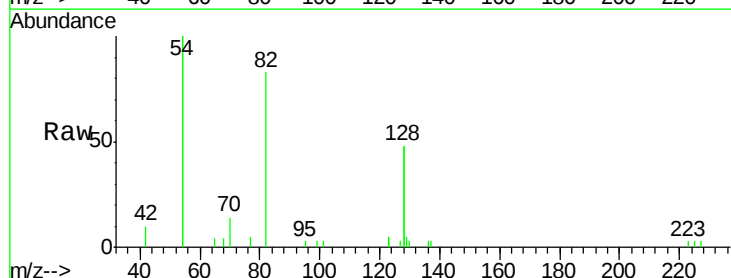
RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

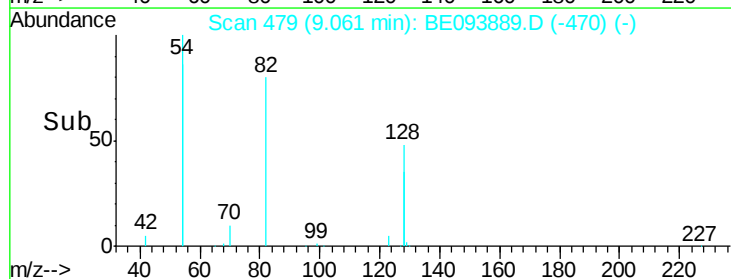
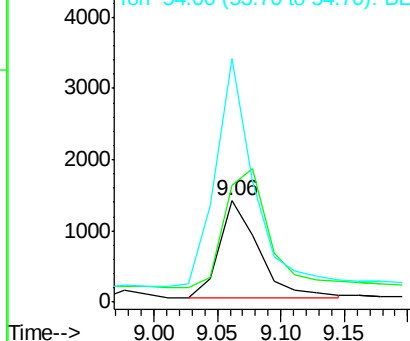
Tgt Ion:	82	Resp:	2975
Ion Ratio	Lower	Upper	
82	100		
128	115.0	91.4	137.0
54	240.7	197.8	296.8

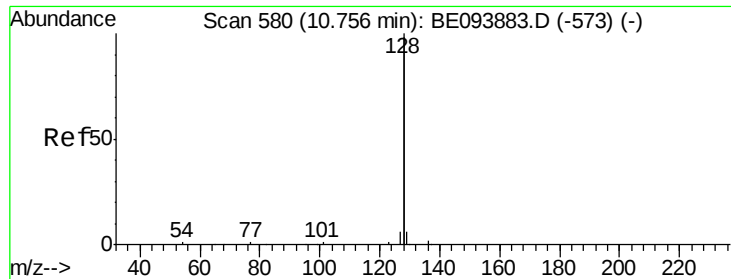


Abundance Ion 82.00 (81.70 to 82.70): BE093889.D (-476) (-)

Ion 128.00 (127.70 to 128.70): BE093889.D (-476) (-)

Ion 54.00 (53.70 to 54.70): BE093889.D (-476) (-)





#9

Naphthalene

Concen: 0.393 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Instrument :

BNA_E

ClientSampleId :

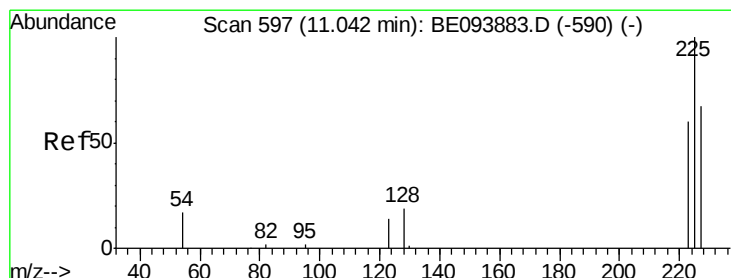
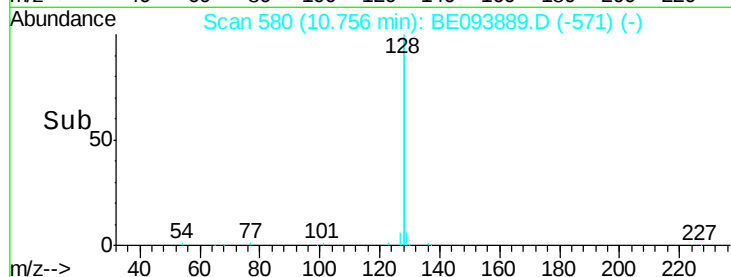
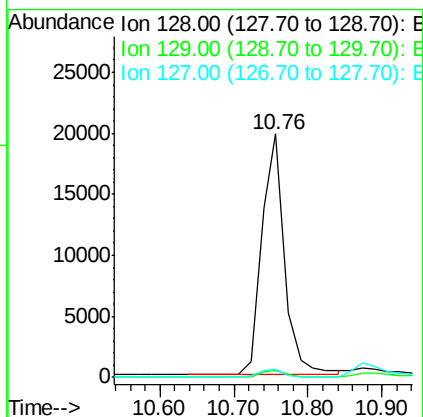
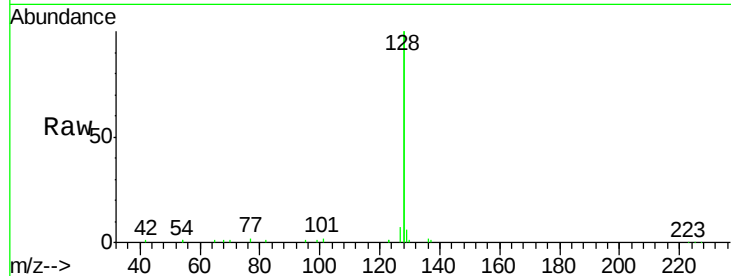
SSTDCCC0.4

Tgt Ion:	128	Resp:	42297
Ion Ratio	Lower	Upper	
128	100		
129	3.0	2.5	3.7
127	3.3	2.6	4.0

Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM



#10

Hexachlorobutadiene

Concen: 0.391 ng

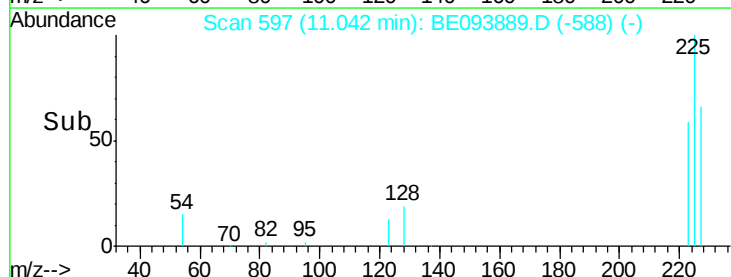
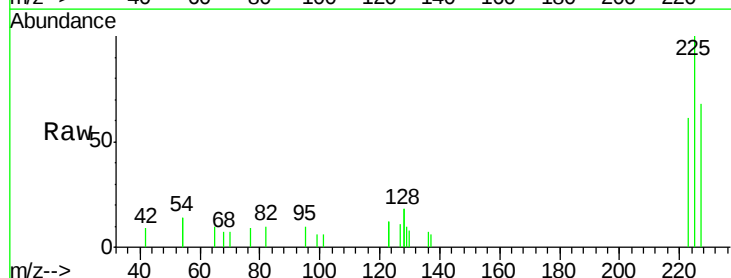
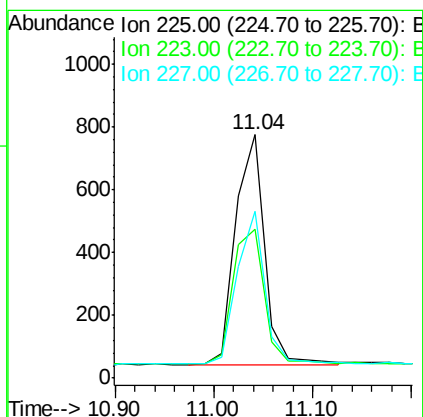
RT: 11.04 min Scan# 597

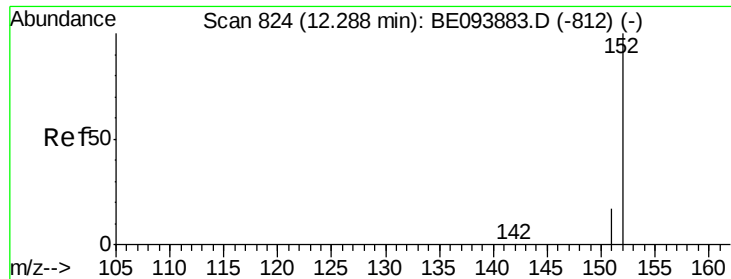
Delta R.T. -0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Tgt Ion:	225	Resp:	1488
Ion Ratio	Lower	Upper	
225	100		
223	63.8	49.4	74.0
227	63.2	50.5	75.7





#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 12.29 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE093889.D
 Acq: 28 Aug 2017 9:27

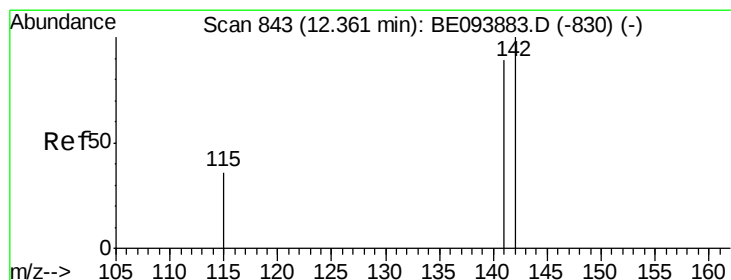
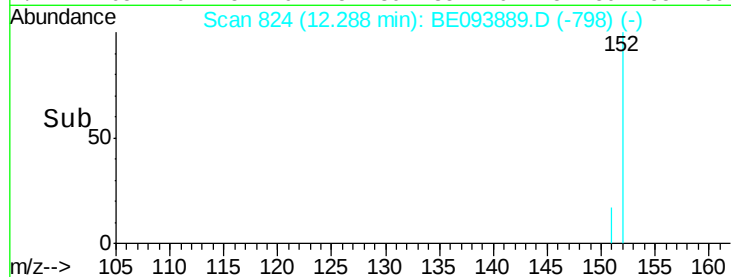
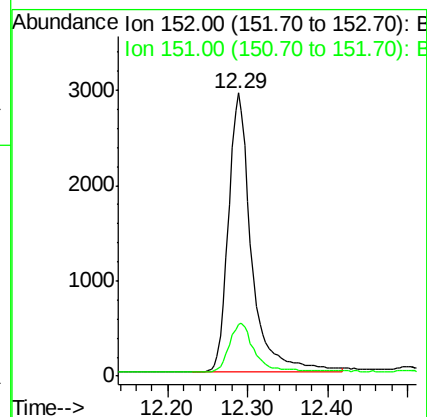
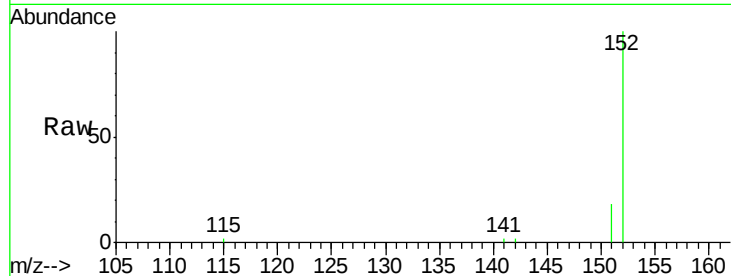
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:152 Resp: 5887
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.4 23.0

Manual Integrations
 APPROVED

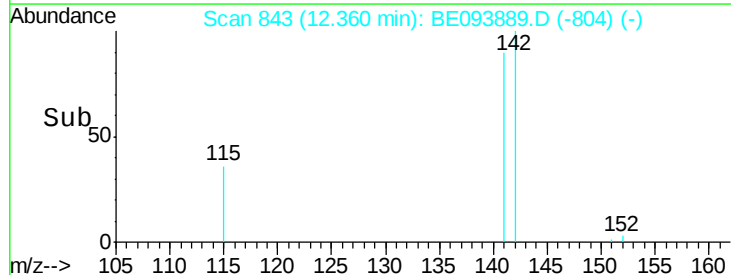
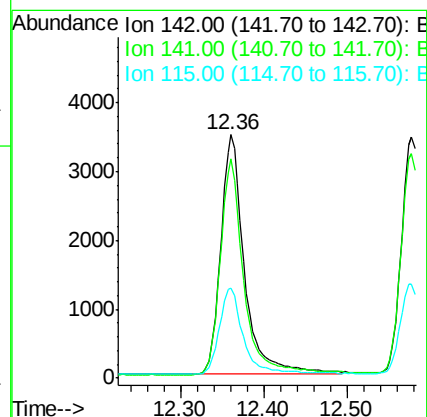
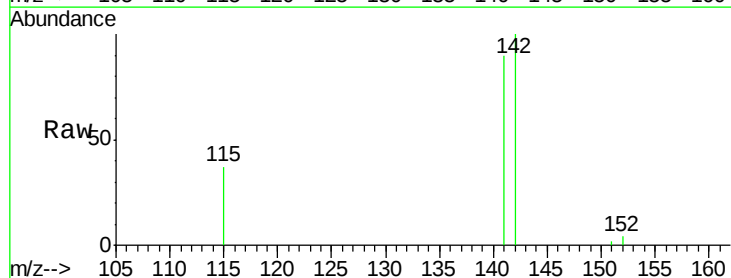
Sohil

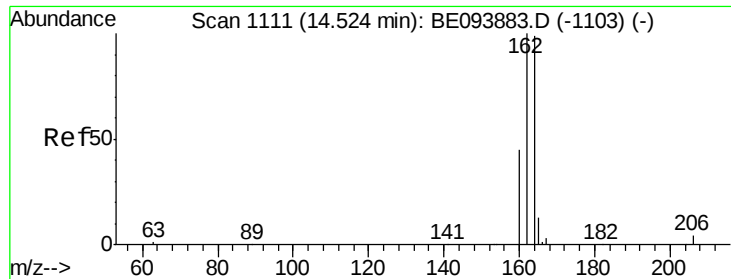
8/28/2017 5:52:21 PM



#12
 2-Methylnaphthalene
 Concen: 0.387 ng
 RT: 12.36 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BE093889.D
 Acq: 28 Aug 2017 9:27

Tgt Ion:142 Resp: 6973
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.4 107.2
 115 36.8 29.4 44.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093889.D
Acq: 28 Aug 2017 9:27

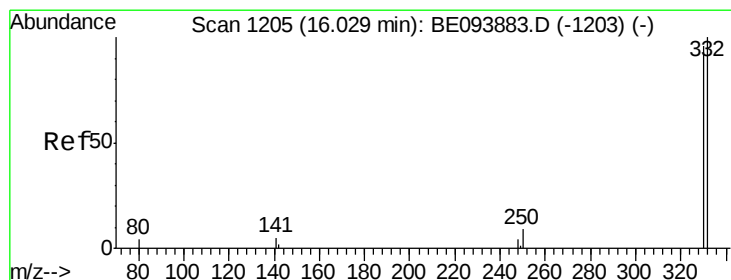
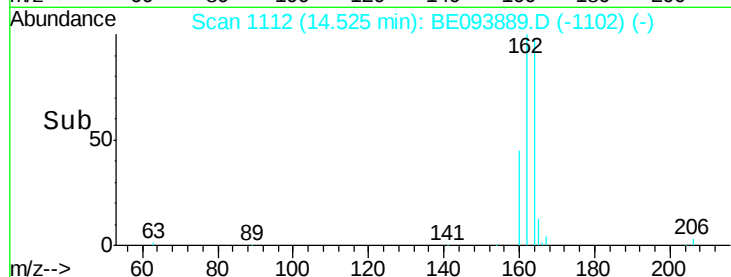
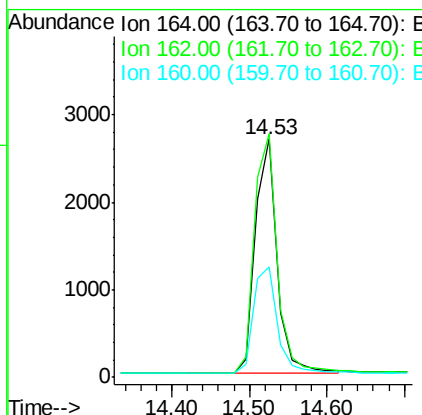
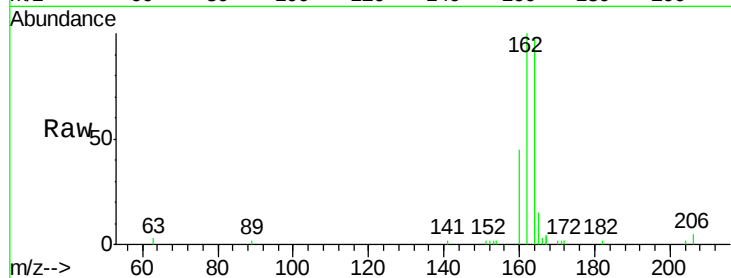
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.8	121.2
160	46.4	37.0	55.4

Manual Integrations
APPROVED

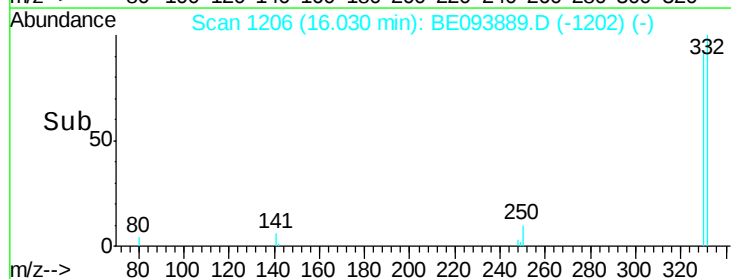
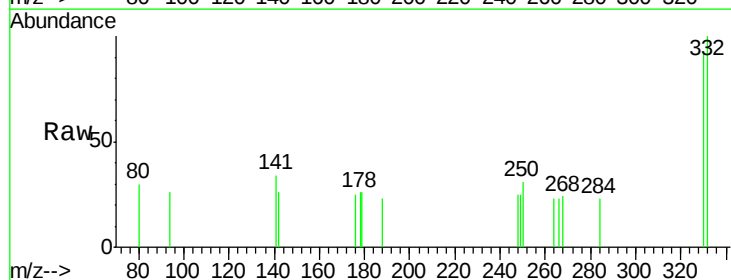
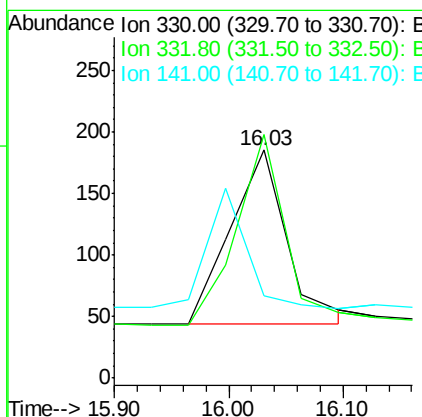
Sohil

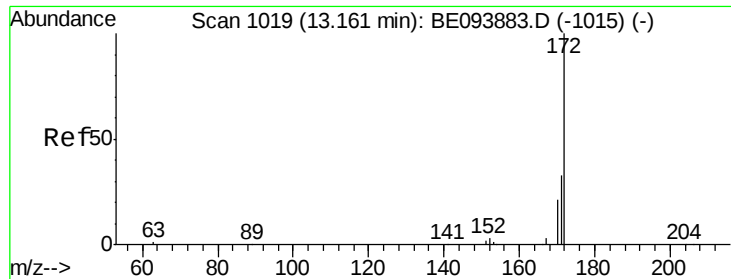
8/28/2017 5:52:21 PM



#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093889.D
Acq: 28 Aug 2017 9:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	0.0	0.0	0.0





#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093889.D
Acq: 28 Aug 2017 9:27

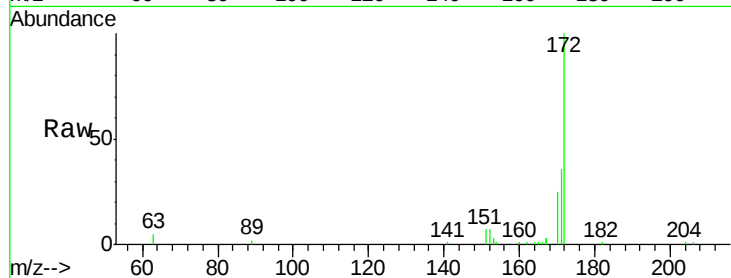
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.9	40.3
170	25.4	17.3	25.9

Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM

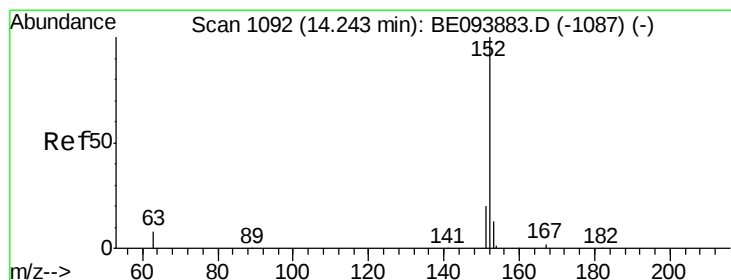
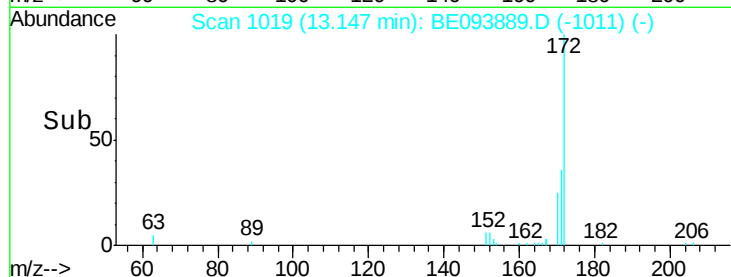
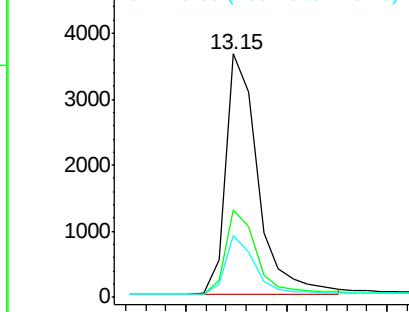


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.381 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093889.D
Acq: 28 Aug 2017 9:27

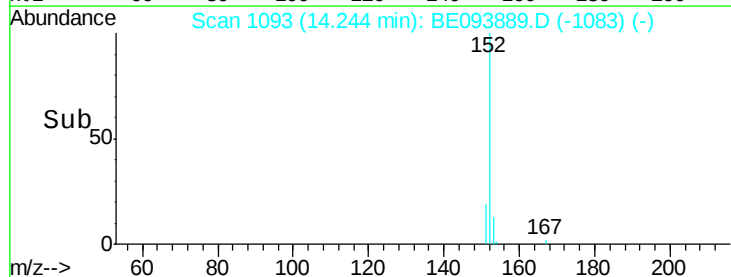
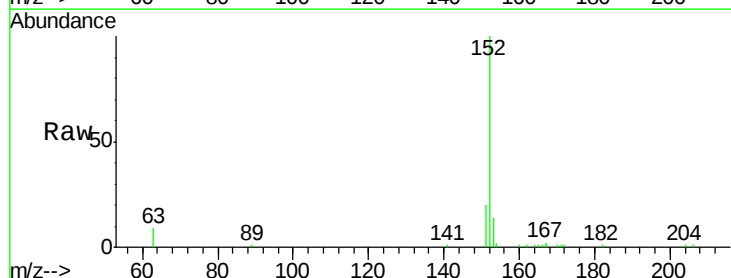
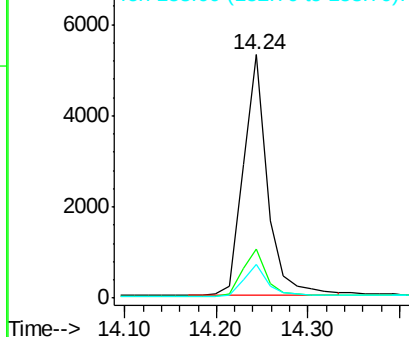
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.0	10.6	16.0

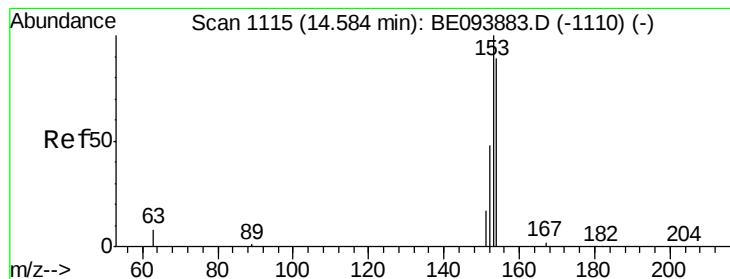
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.390 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Instrument :

BNA_E

ClientSampleId :

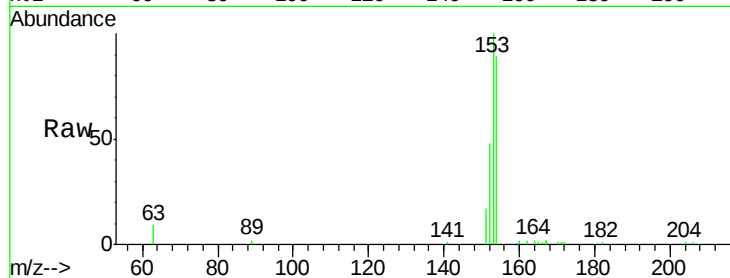
SSTDCCC0.4

Tgt Ion:	154	Resp:	6804
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.8	137.6
152	55.6	44.9	67.3

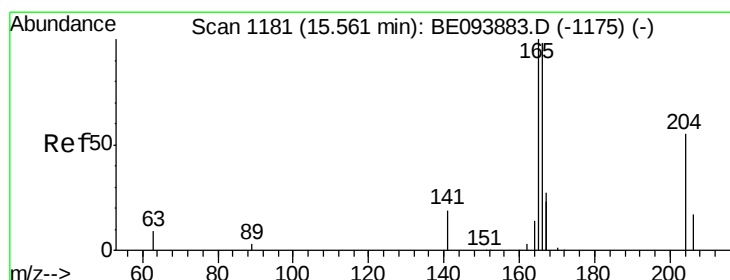
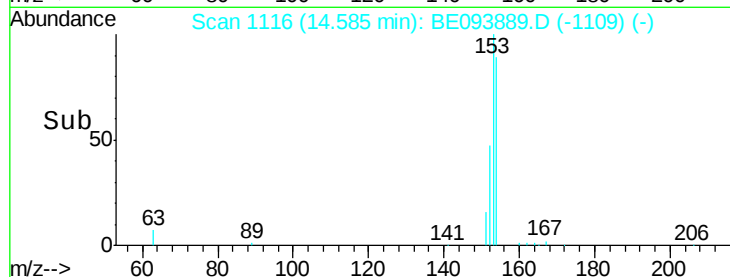
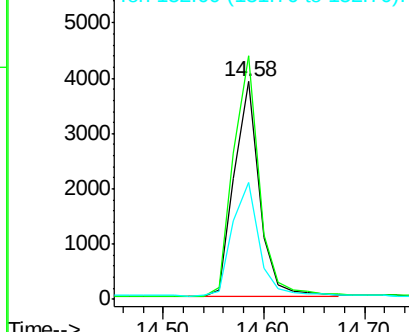
Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.393 ng

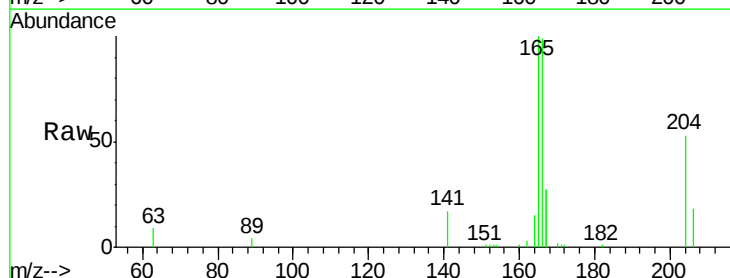
RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

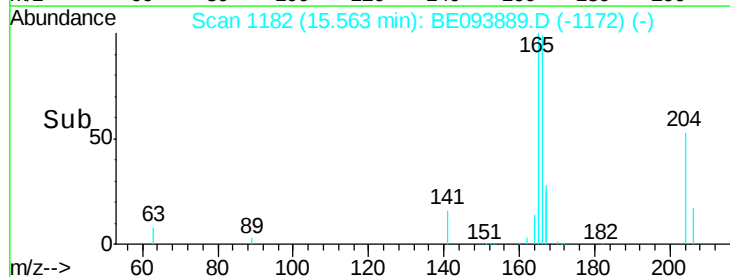
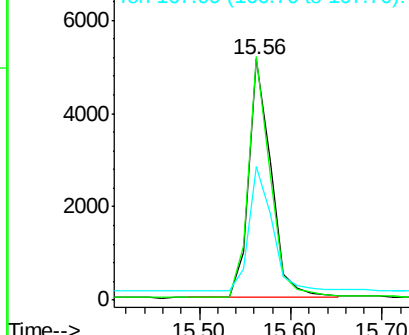
Lab File: BE093889.D

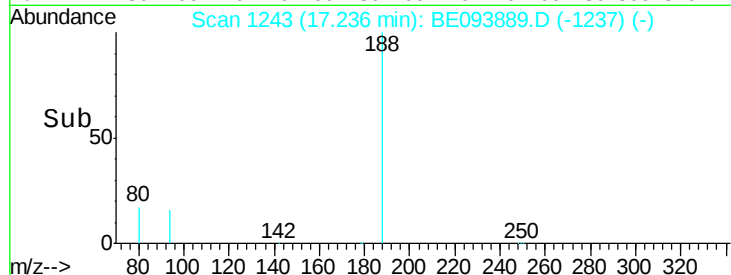
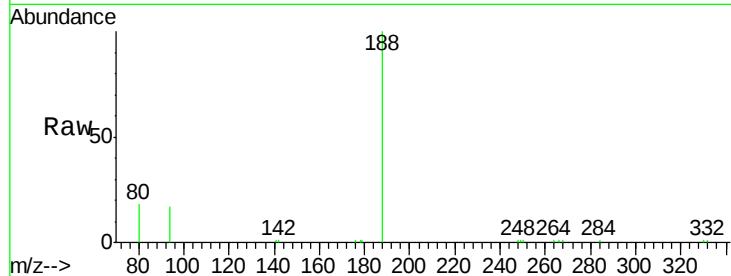
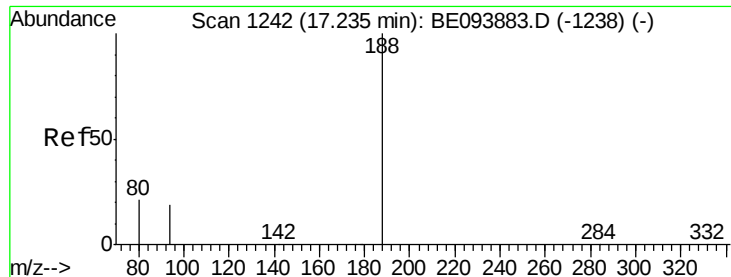
Acq: 28 Aug 2017 9:27

Tgt Ion:	166	Resp:	8855
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.4	119.0
167	53.2	43.5	65.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Tgt Ion:	188	Resp:	12230
Ion Ratio	Lower	Upper	
188	100		
94	16.5	16.1	24.1
80	18.1	18.2	27.2#

Instrument :

BNA_E

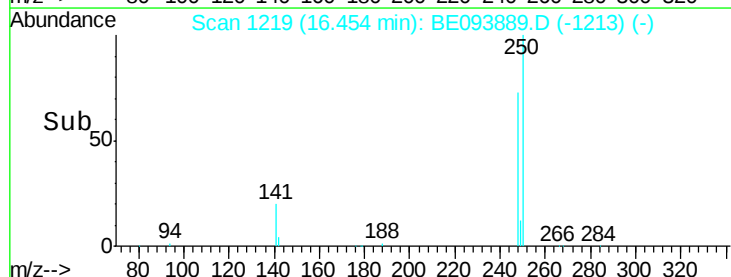
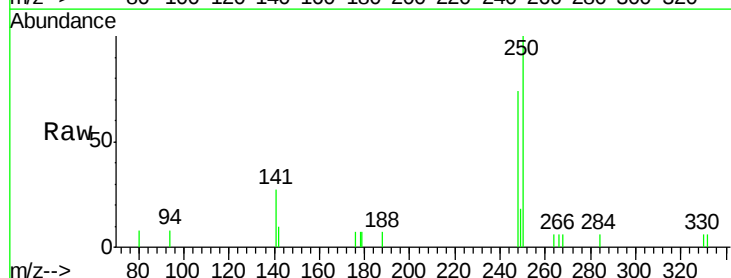
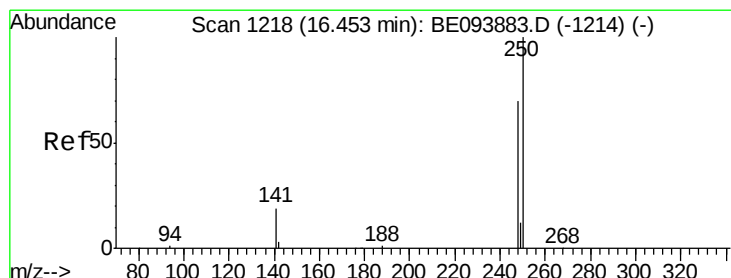
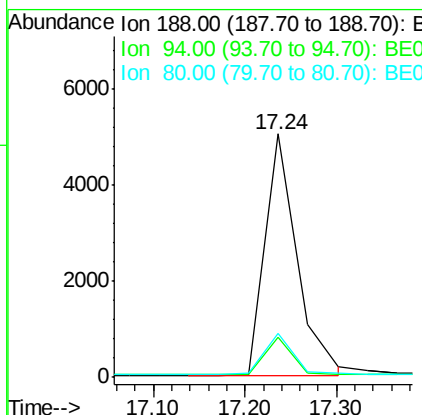
ClientSampleId :

SSTDCCC0.4

Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM



#20

4-Bromophenyl-phenylether

Concen: 0.374 ng

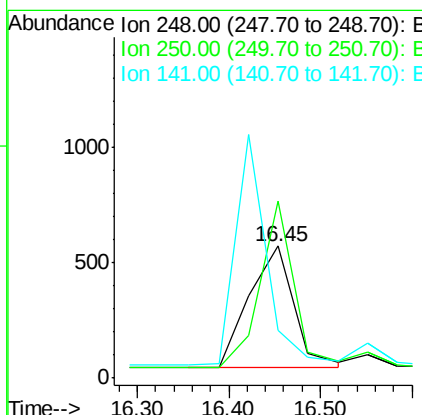
RT: 16.45 min Scan# 1219

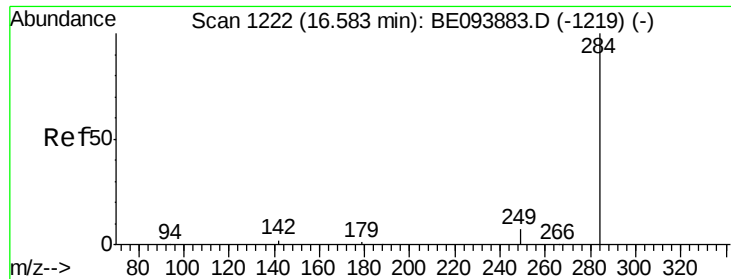
Delta R.T. 0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Tgt Ion:	248	Resp:	1803
Ion Ratio	Lower	Upper	
248	100		
250	134.3	111.8	167.8
141	36.0	27.1	40.7





#21

Hexachlorobenzene

Concen: 0.394 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Instrument :

BNA_E

ClientSampleId :

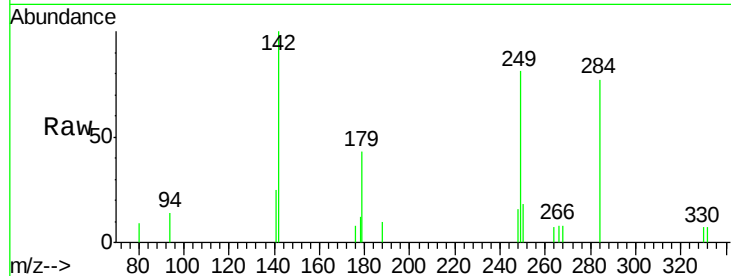
SSTDCCC0.4

Tgt Ion:	284	Resp:	1658
Ion Ratio		Lower	Upper
284	100		
142	67.5	0.0	0.0#
249	55.7	0.0	0.0#

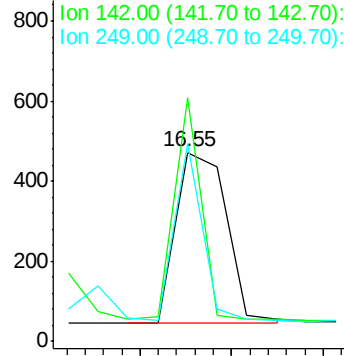
Manual Integrations
APPROVED

Sohil

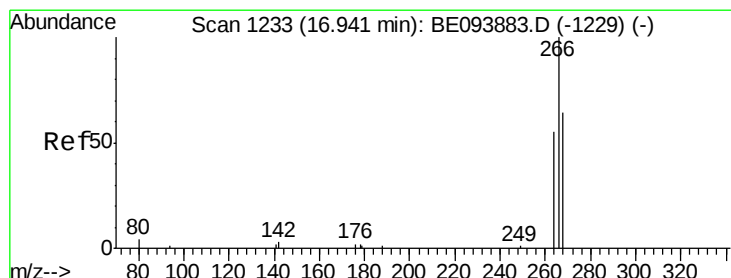
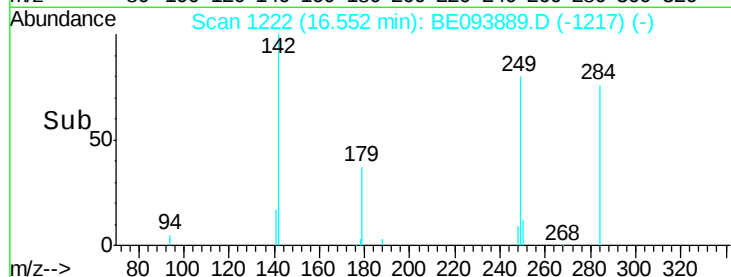
8/28/2017 5:52:21 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.329 ng

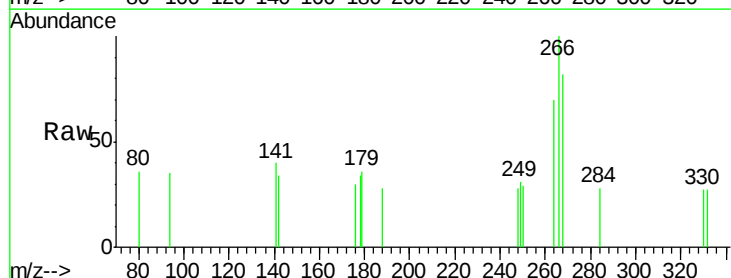
RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

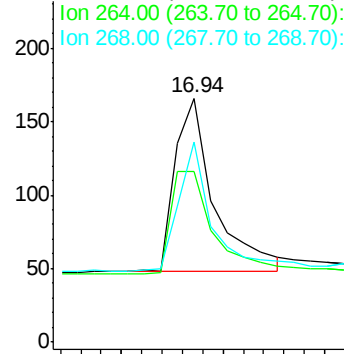
Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

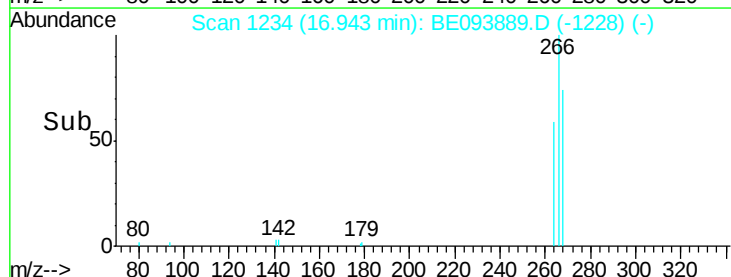
Tgt Ion:	266	Resp:	630
Ion Ratio		Lower	Upper
266	100		
264	69.9	53.5	80.3
268	81.9	60.0	90.0

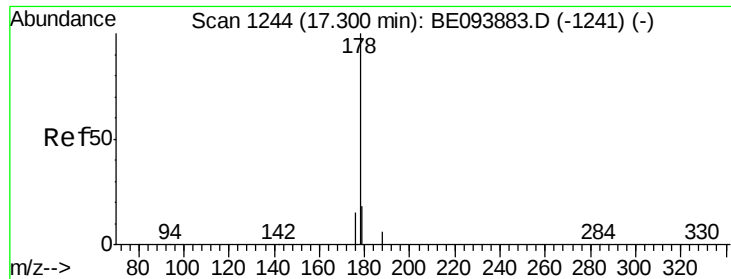


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.364 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

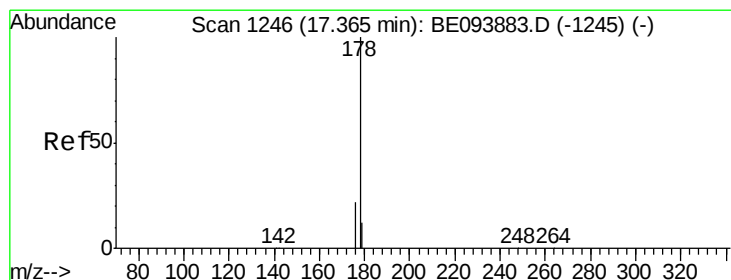
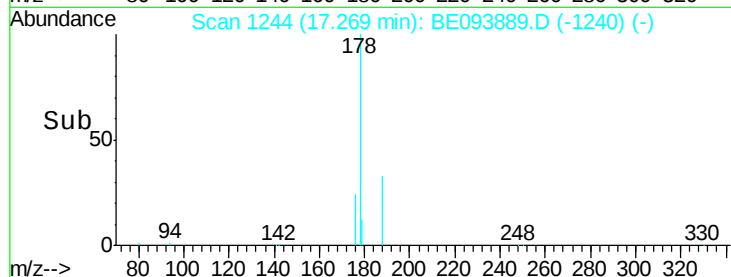
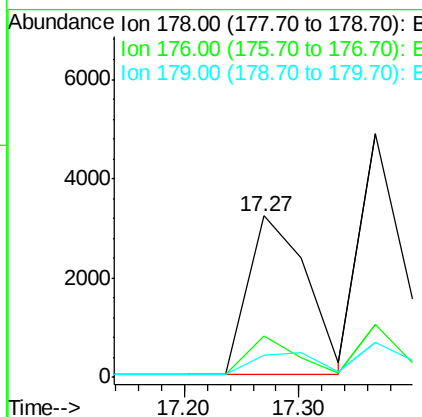
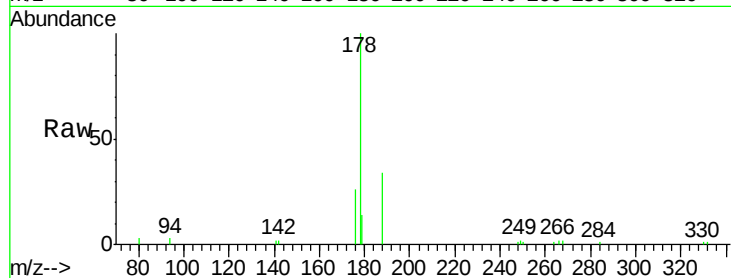
Tgt Ion:178 Resp: 11324

Ion	Ratio	Lower	Upper
178	100		
176	20.2	0.0	0.0#
179	0.0	12.6	18.8#

Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM



#24

Anthracene

Concen: 0.351 ng m

RT: 17.37 min Scan# 1247

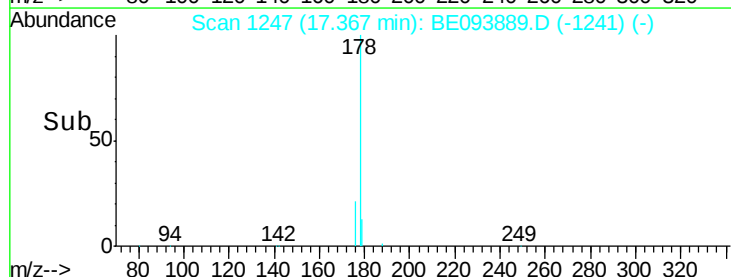
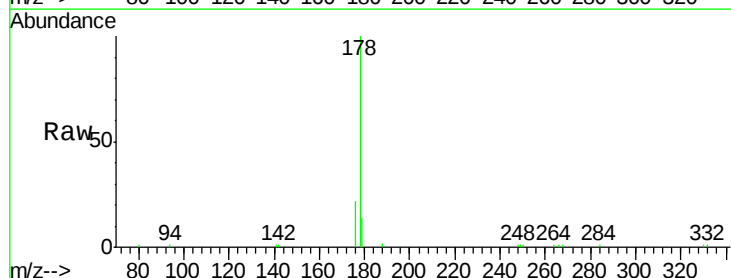
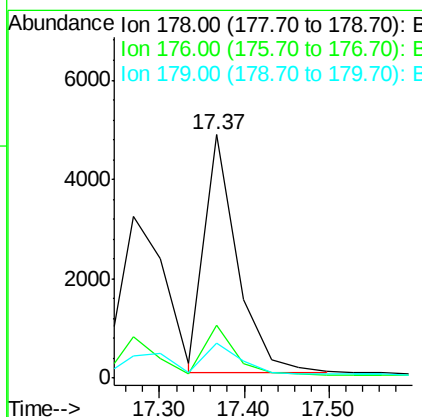
Delta R.T. 0.00 min

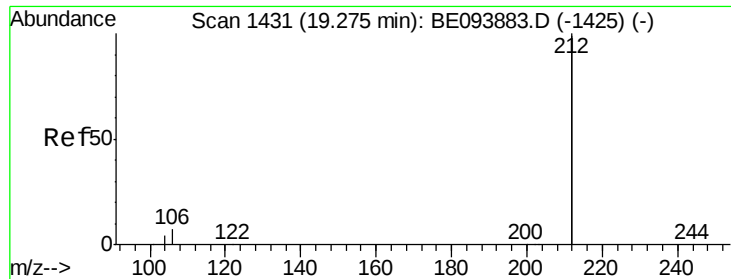
Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Tgt Ion:178 Resp: 13018

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.0	24.0
179	12.8	0.0	0.0#





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.27 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Instrument :

BNA_E

ClientSampleId :

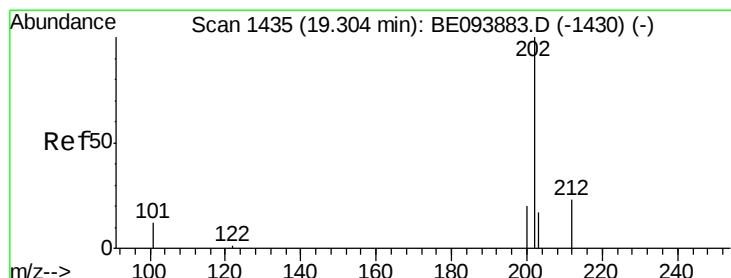
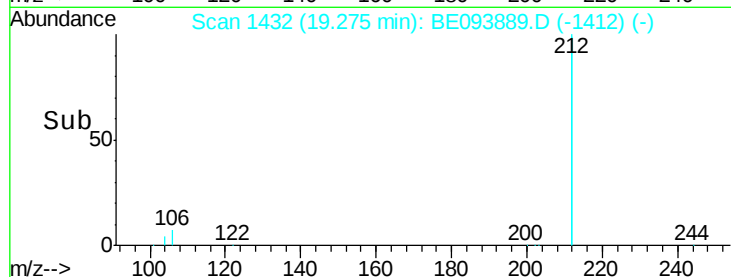
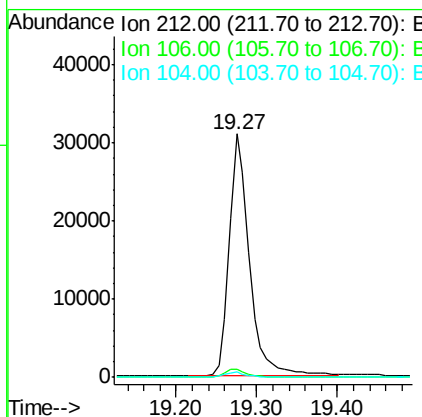
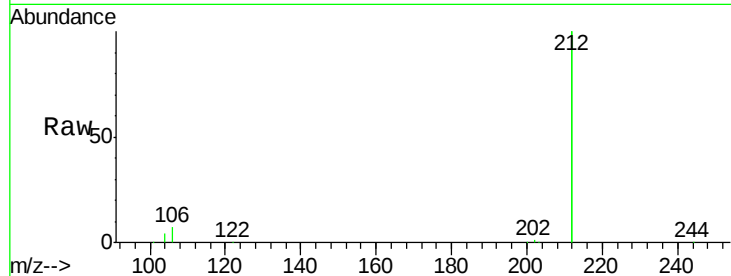
SSTDCCC0.4

Tgt Ion:	212	Resp:	53934
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.7	4.1
104	1.9	1.6	2.4

Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM



#26

Fluoranthene

Concen: 0.382 ng

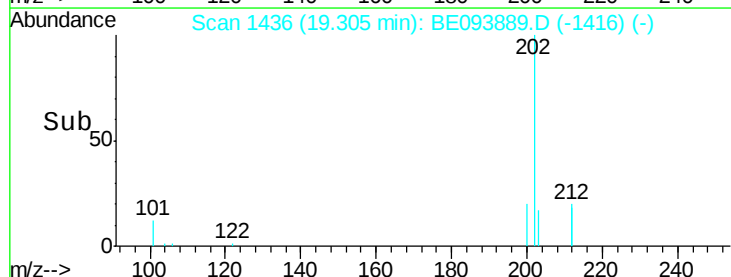
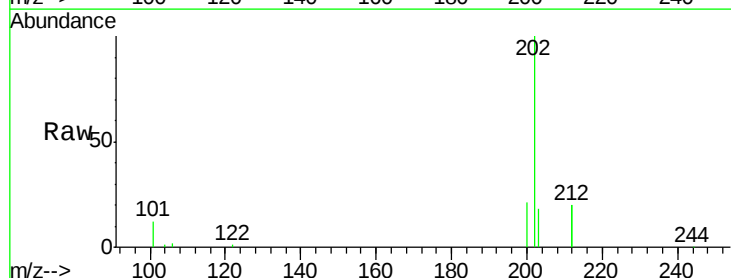
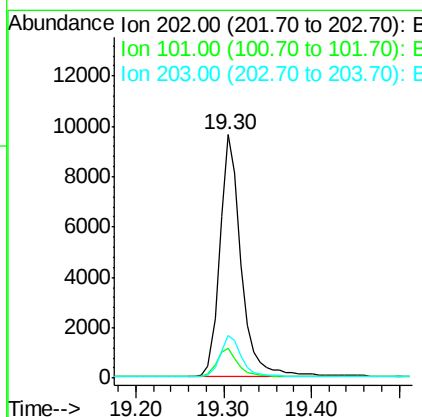
RT: 19.30 min Scan# 1436

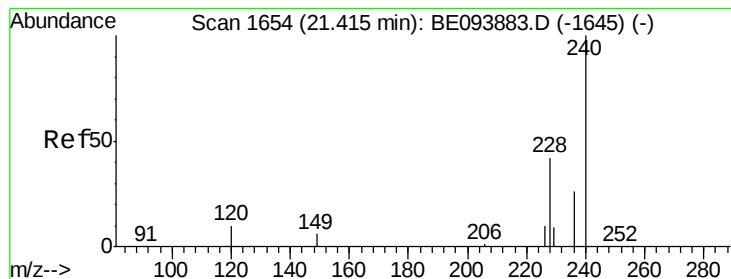
Delta R.T. 0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Tgt Ion:	202	Resp:	16271
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.7	14.5
203	17.2	13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Instrument :

BNA_E

ClientSampleId :

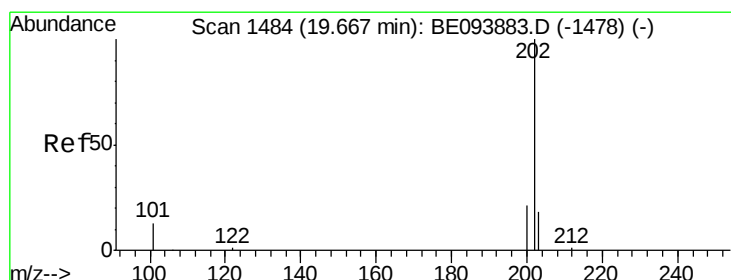
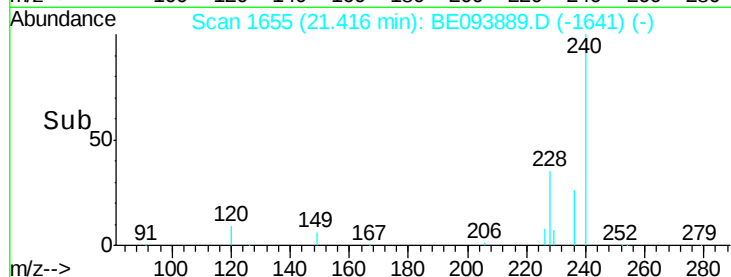
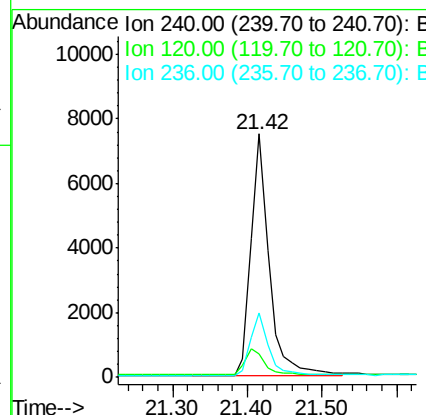
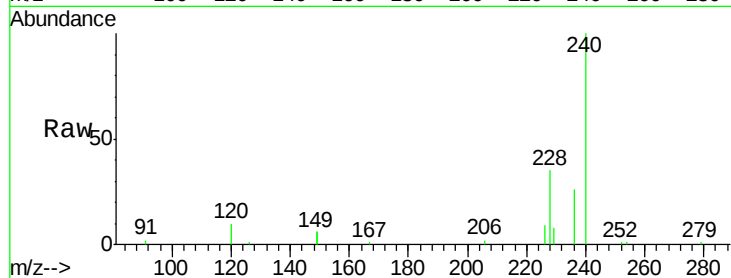
SSTDCCC0.4

Tgt Ion:	240	Resp:	12865
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.7	13.1
236	26.4	21.3	31.9

Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM



#28

Pyrene

Concen: 0.387 ng

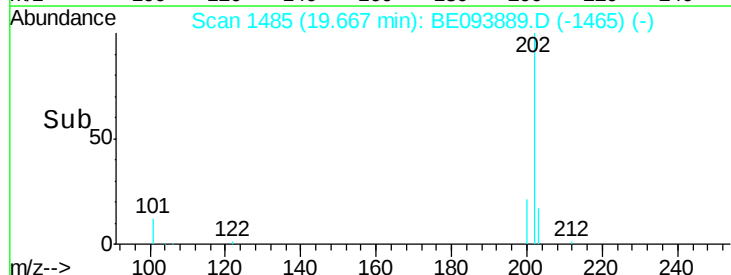
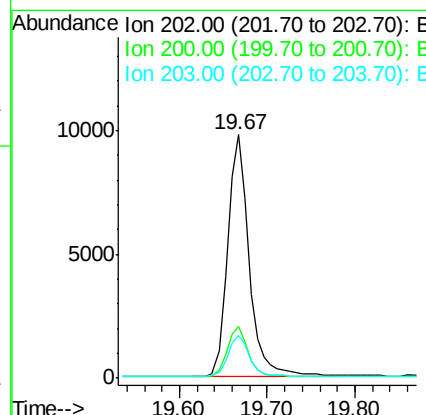
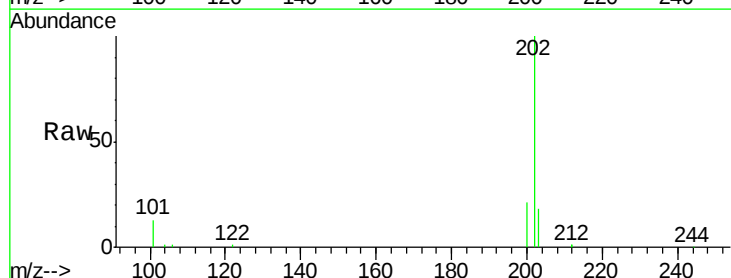
RT: 19.67 min Scan# 1485

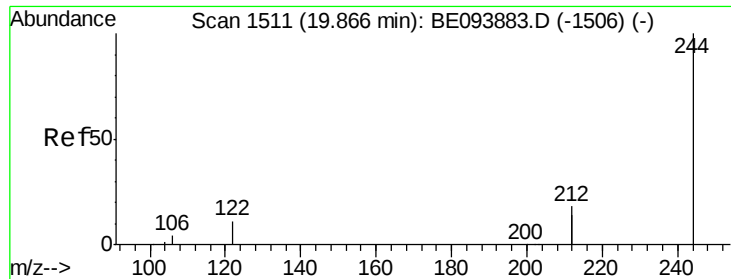
Delta R.T. 0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Tgt Ion:	202	Resp:	16769
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	24.8
203	17.5	14.2	21.4





#29
 Terphenyl-d14
 Concen: 0.387 ng
 RT: 19.87 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BE093889.D
 Acq: 28 Aug 2017 9:27

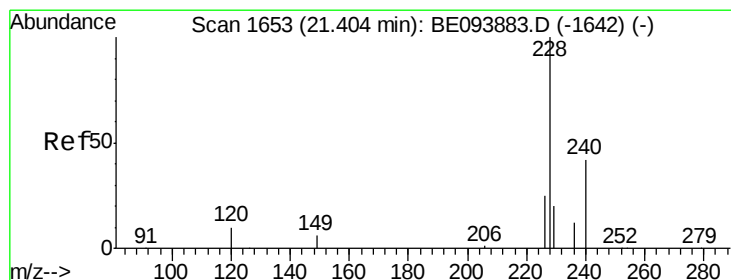
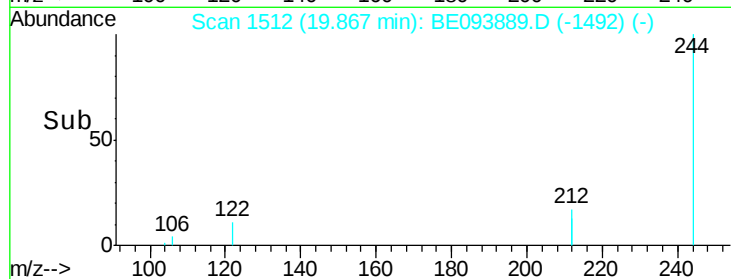
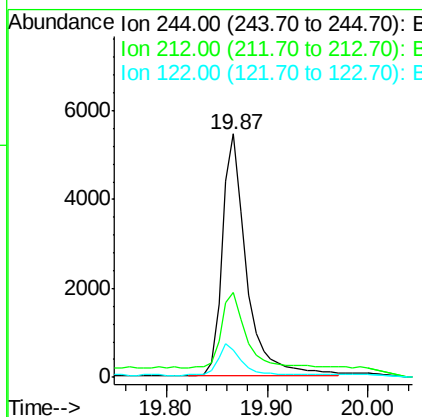
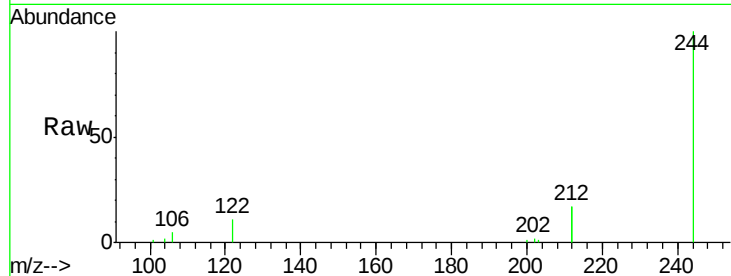
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:	244	Resp:	9000
Ion Ratio	Lower	Upper	
244	100		
212	34.6	28.3	42.5
122	11.4	9.4	14.0

Manual Integrations
 APPROVED

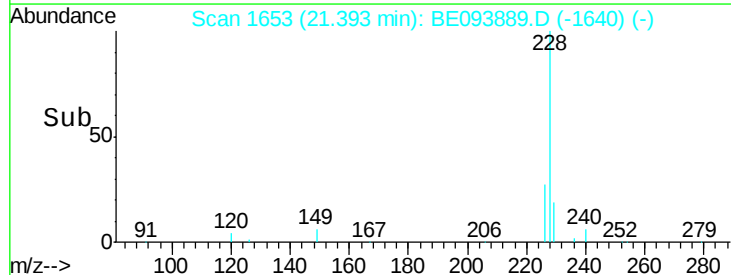
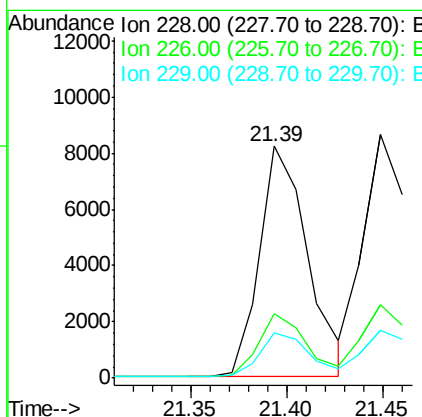
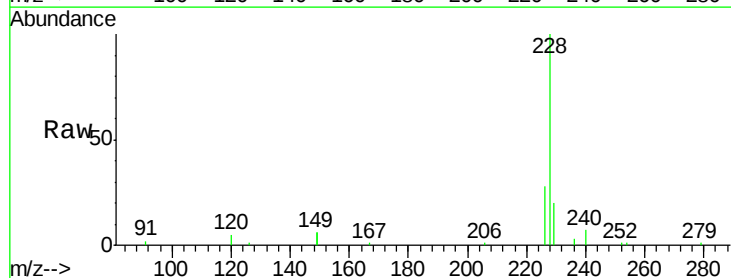
Sohil

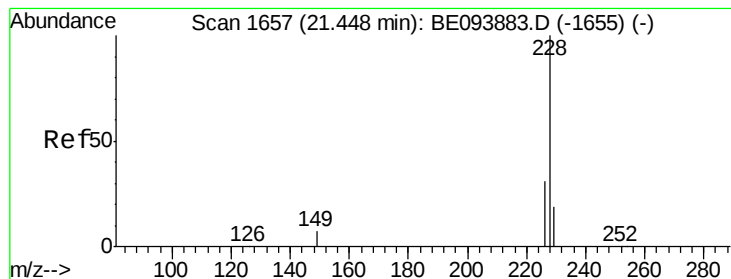
8/28/2017 5:52:21 PM



#30
 Benzo(a)anthracene
 Concen: 0.375 ng
 RT: 21.39 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BE093889.D
 Acq: 28 Aug 2017 9:27

Tgt Ion:	228	Resp:	14323
Ion Ratio	Lower	Upper	
228	100		
226	28.0	20.8	31.2
229	19.7	16.6	25.0





#31

Chrysene

Concen: 0.383 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Instrument :

BNA_E

ClientSampleId :

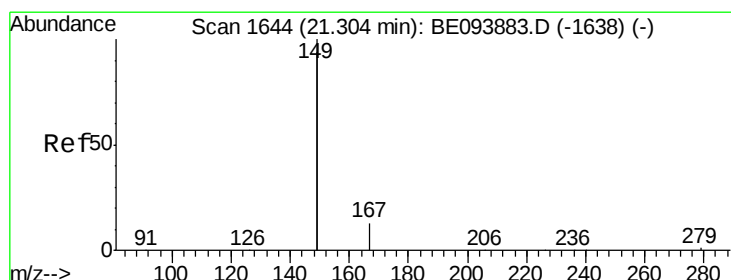
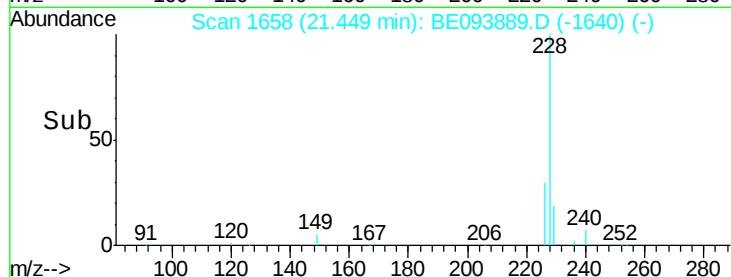
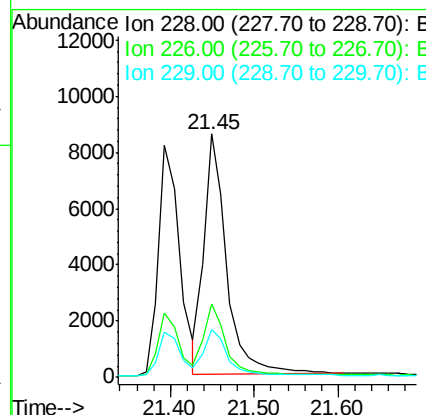
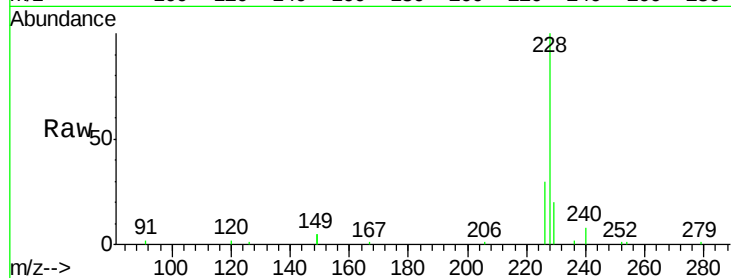
SSTDCCC0.4

Tgt Ion:	228	Resp:	16248
Ion Ratio		Lower	Upper
228	100		
226	30.0	24.6	37.0
229	19.5	15.8	23.8

Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.349 ng

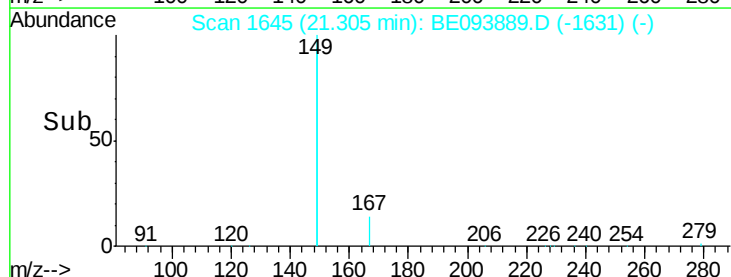
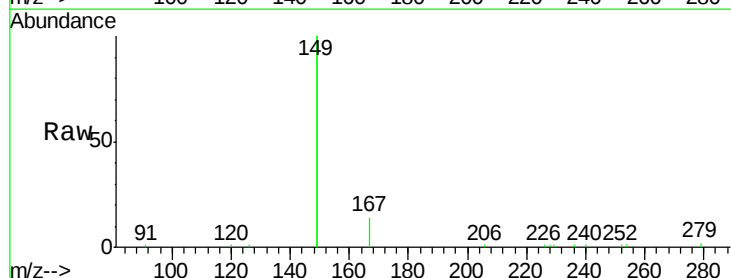
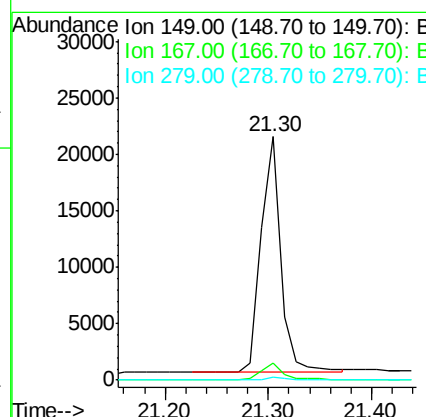
RT: 21.30 min Scan# 1645

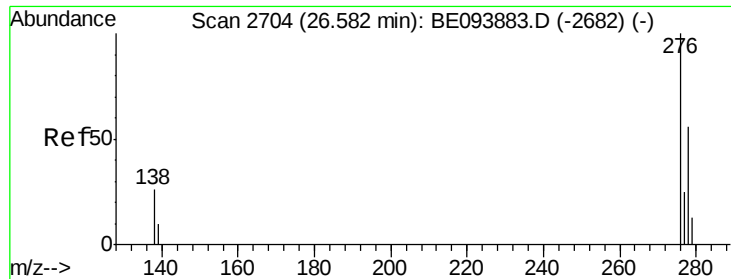
Delta R.T. 0.00 min

Lab File: BE093889.D

Acq: 28 Aug 2017 9:27

Tgt Ion:	149	Resp:	28077
Ion Ratio		Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1





#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.365 ng
 RT: 26.58 min Scan# 2705
 Delta R.T. 0.00 min
 Lab File: BE093889.D
 Acq: 28 Aug 2017 9:27

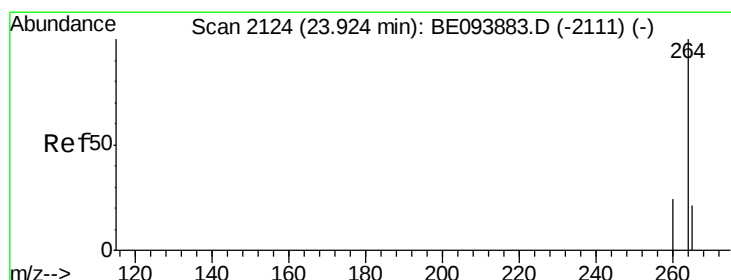
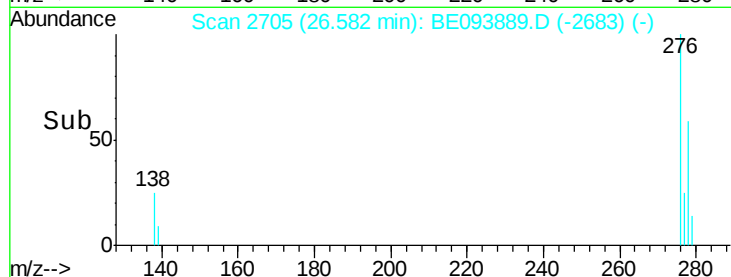
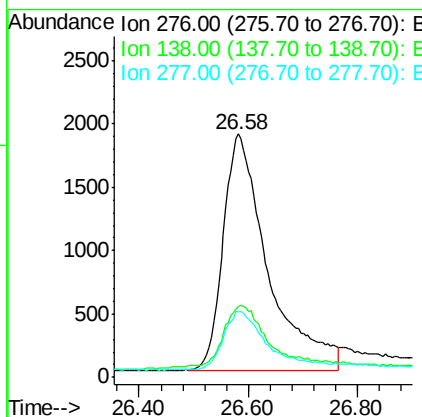
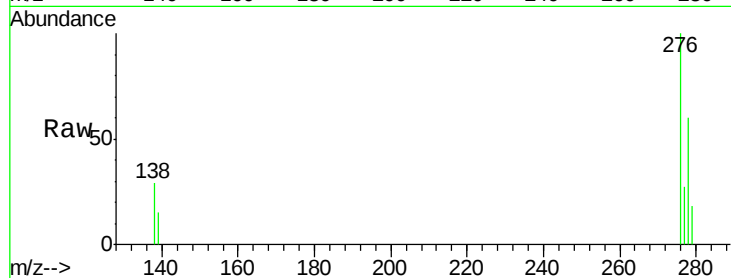
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	22.2	33.2
277	23.9	19.5	29.3

Manual Integrations
 APPROVED

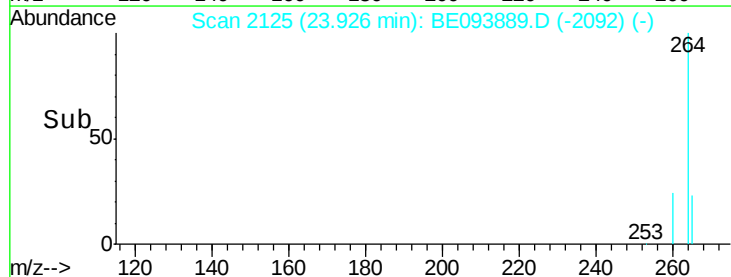
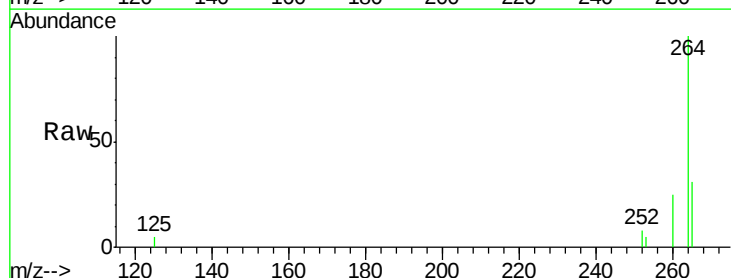
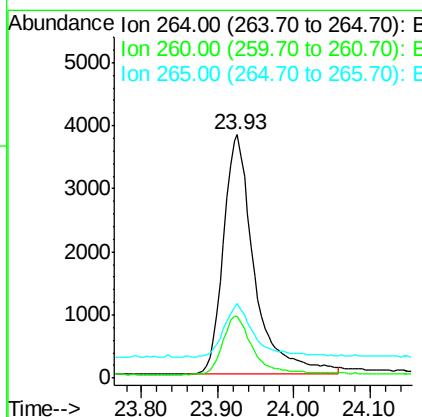
Sohil

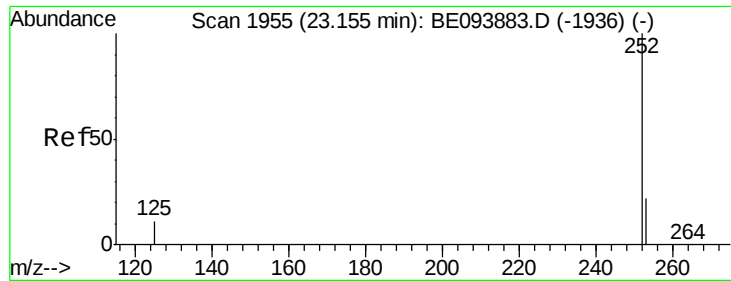
8/28/2017 5:52:21 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BE093889.D
 Acq: 28 Aug 2017 9:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	30.9	24.0	36.0





#35
Benzo(b)fluoranthene
Concen: 0.355 ng
RT: 23.15 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BE093889.D
Acq: 28 Aug 2017 9:27

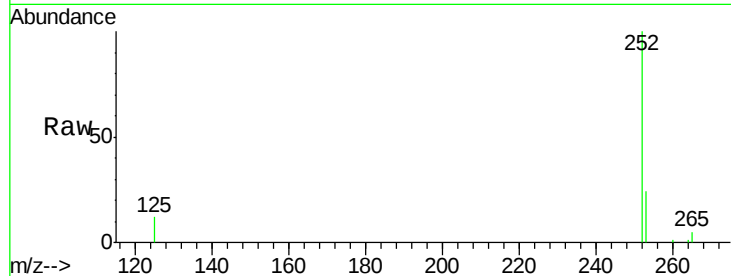
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.0
125	12.4	10.0	15.0

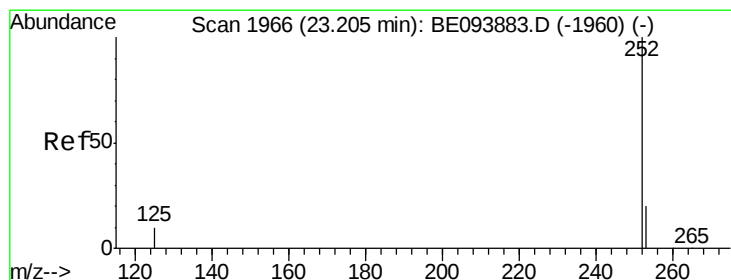
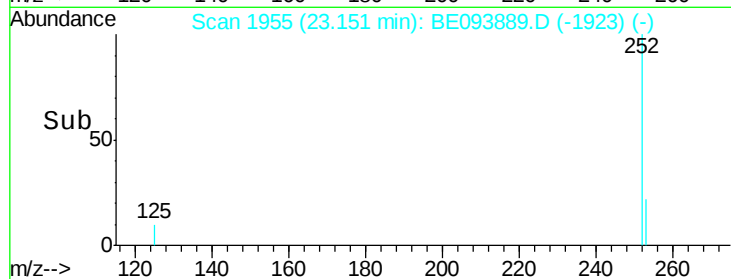
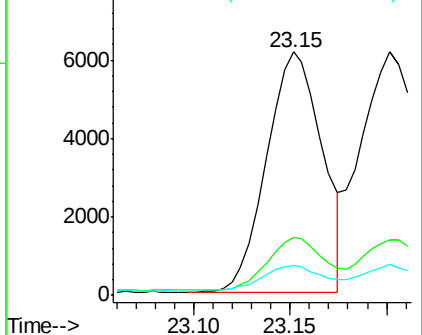
Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM



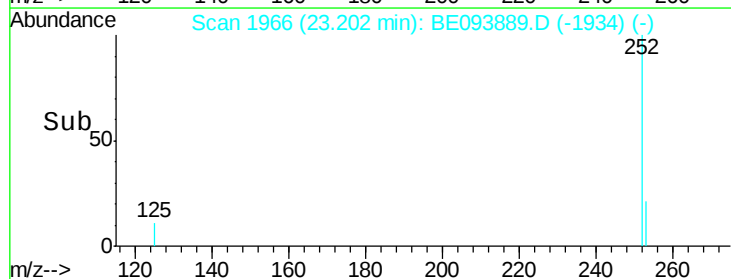
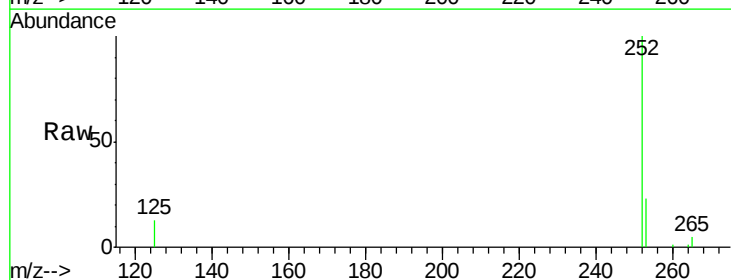
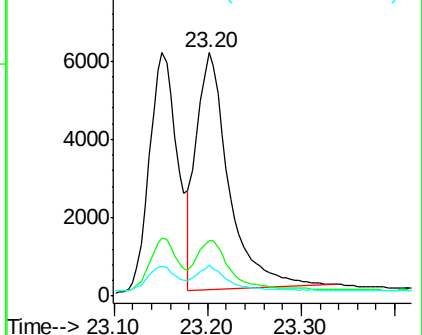
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

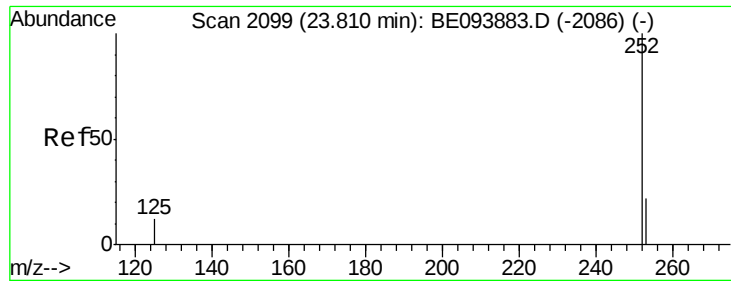


#36
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 23.20 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BE093889.D
Acq: 28 Aug 2017 9:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	12.8	9.8	14.6

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





#37
Benzo(a)pyrene
Concen: 0.375 ng
RT: 23.82 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BE093889.D
Acq: 28 Aug 2017 9:27

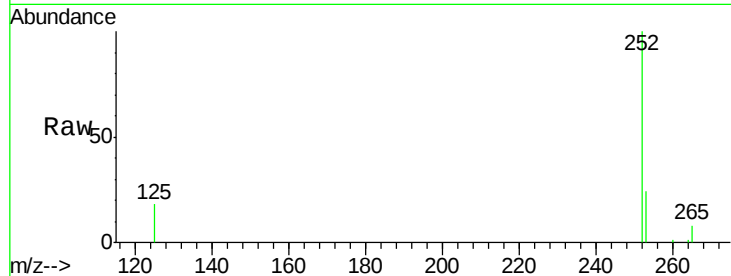
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.6	29.4
125	17.7	11.8	17.8

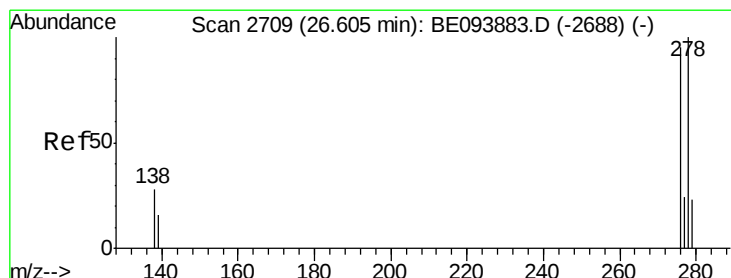
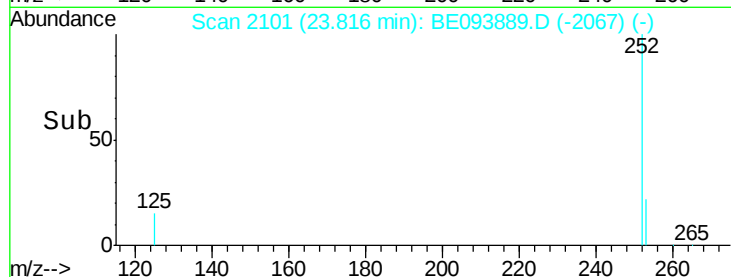
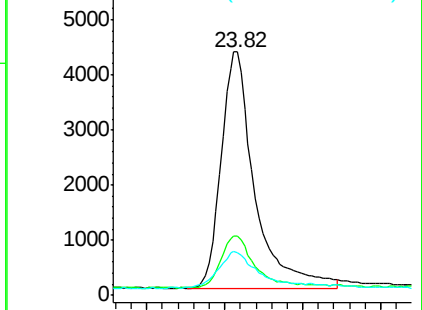
Manual Integrations
APPROVED

Sohil

8/28/2017 5:52:21 PM



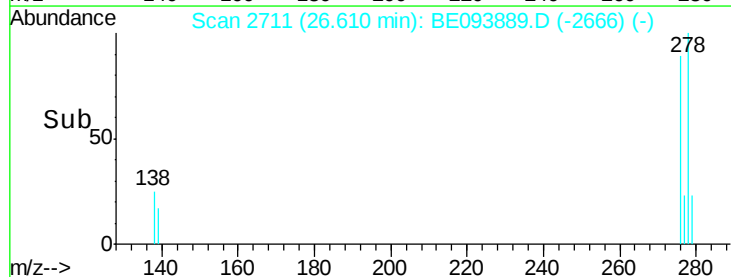
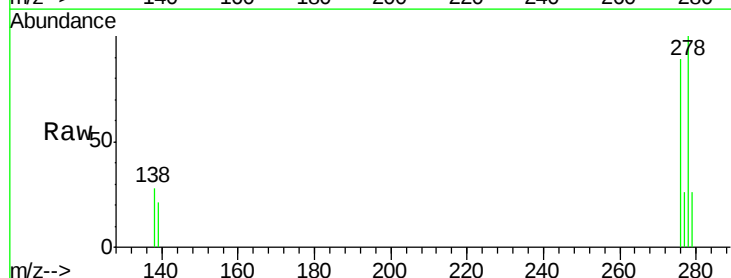
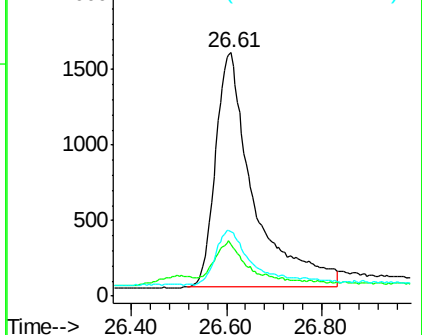
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

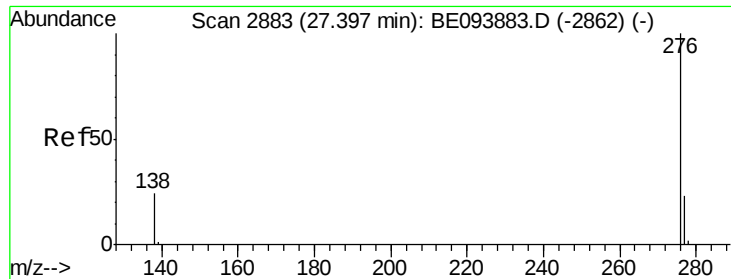


#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 26.61 min Scan# 2711
Delta R.T. 0.00 min
Lab File: BE093889.D
Acq: 28 Aug 2017 9:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	16.7	25.1
279	26.5	21.6	32.4

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





#39

Benzo(g,h,i)perylene

Concen: 0.369 ng

RT: 27.39 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BE093889.D

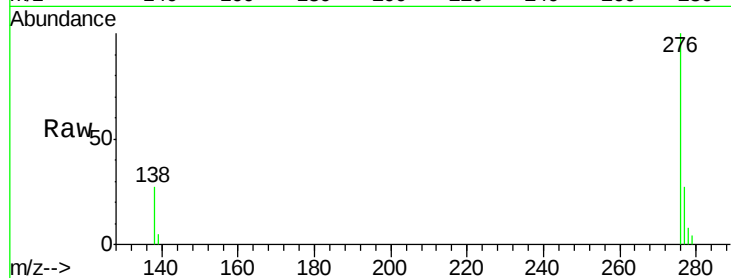
Acq: 28 Aug 2017 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 9721

Ion Ratio Lower Upper

276 100

277 27.1 20.6 30.8

138 27.5 21.9 32.9

Manual Integrations

APPROVED

Sohil

8/28/2017 5:52:21 PM

