

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091823.D
 Acq On : 19 May 2016 23:14
 Operator : UM/SJ
 Sample : H3084-07MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW011-160512MS

Manual Integrations
 APPROVED

sohil
 5/20/2016 7:25:23 PM

Quant Time: May 20 05:39:25 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	27050	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	147261	5.00	ng	-0.02
13) Acenaphthene-d10	14.40	164	98282	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	228761	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	271567	5.00	ng	-0.02
35) Perylene-d12	23.73	264	239767	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	21791	3.08	ng	0.00
5) Phenol-d6	6.95	99	26210	2.63	ng	0.00
8) Nitrobenzene-d5	8.93	82	43405	4.45	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	39983	10.48	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	68461	2.46	ng	0.00
29) Terphenyl-d14	19.74	244	196846	5.12	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	211883	72.23	ng	87
3) n-Nitrosodimethylamine	3.63	42	6228	1.44	ng	# 93
6) bis(2-Chloroethyl)ether	7.21	93	179308	22.44	ng	# 78
9) Nitrobenzene	8.98	77	46068	4.59	ng	# 92
10) Naphthalene	10.61	128	125973	3.87	ng	99
11) Hexachlorobutadiene	10.90	225	18092	3.75	ng	97
12) 2-Methylnaphthalene	12.21	142	103619	4.73	ng	94
16) Acenaphthylene	14.12	152	213234	4.87	ng	# 85
17) Acenaphthene	14.46	154	167699	6.36	ng	92
18) Fluorene	15.44	166	198111	5.80	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	48377	5.66	ng	91
21) Hexachlorobenzene	16.45	284	44631	5.01	ng	96
22) Pentachlorophenol	16.79	266	58683	15.94	ng	# 89
23) Phenanthrene	17.17	178	287907	6.44	ng	98
24) Anthracene	17.26	178	289942	5.83	ng	98
25) Fluoranthene	19.19	202	346532	5.70	ng	# 84
28) Pyrene	19.55	202	333032	5.59	ng	98
30) Benzo(a)anthracene	21.27	228	326108m	4.98	ng	
31) 3,3'-Dichlorobenzidine	21.24	252	3996	0.10	ng	# 14
32) Chrysene	21.34	228	282476m	5.02	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	228622	6.07	ng	# 80
34) Indeno(1,2,3-cd)pyrene	26.27	276	351534	5.24	ng	96
36) Benzo(b)fluoranthene	22.97	252	312358	5.21	ng	98
37) Benzo(k)fluoranthene	23.03	252	324414m	5.28	ng	
38) Benzo(a)pyrene	23.61	252	305852	5.34	ng	97
39) Dibenzo(a,h)anthracene	26.29	278	292141	5.23	ng	97
40) Benzo(g,h,i)perylene	27.07	276	295482	5.12	ng	# 93

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

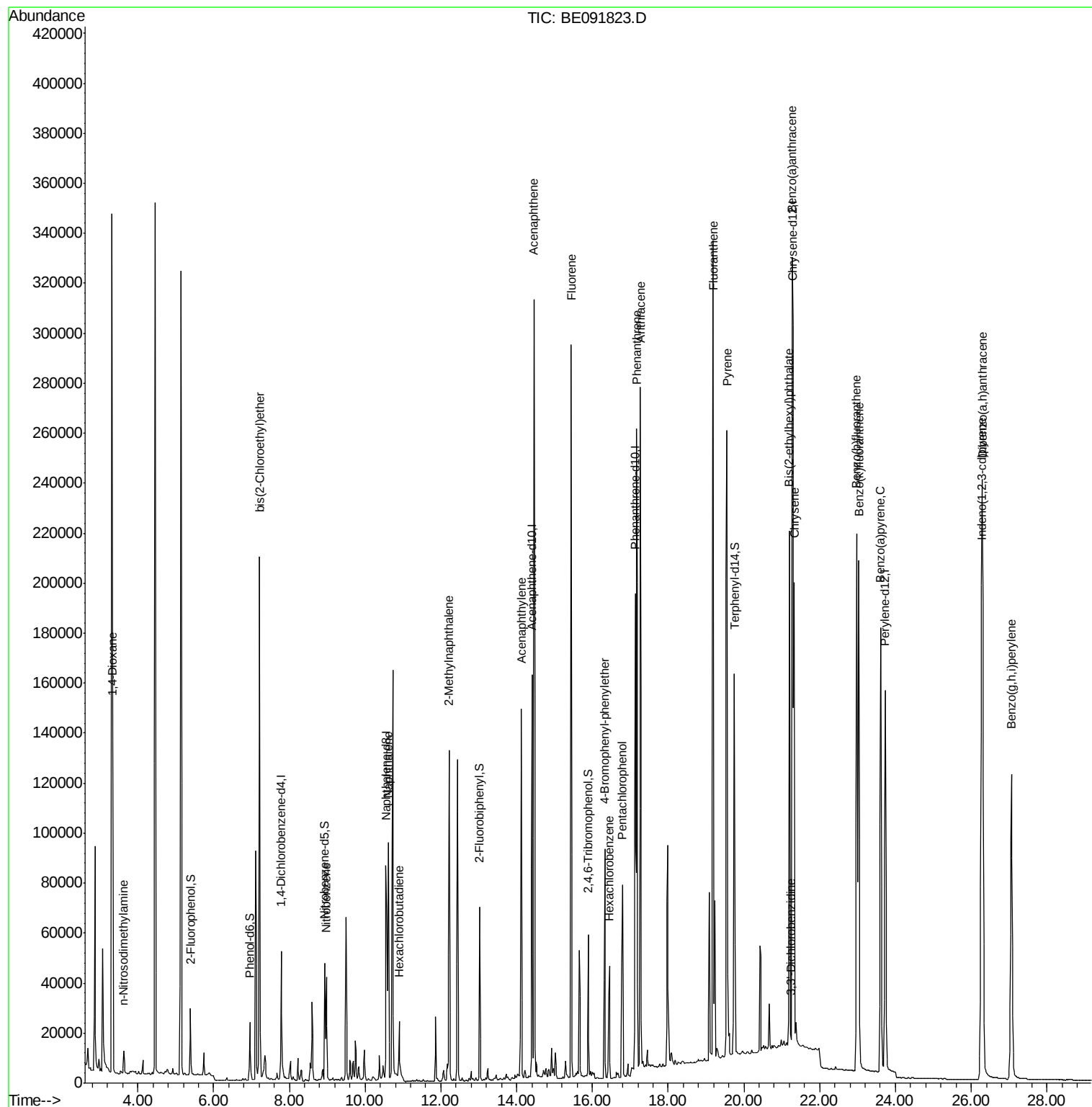
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091823.D
Acq On : 19 May 2016 23:14
Operator : UM/SJ
Sample : H3084-07MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512MS

Manual Integrations
APPROVED

sohil
5/20/2016 7:25:23 PM

Quant Time: May 20 05:39:25 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

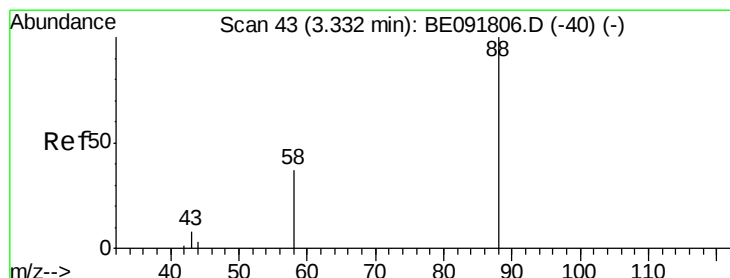
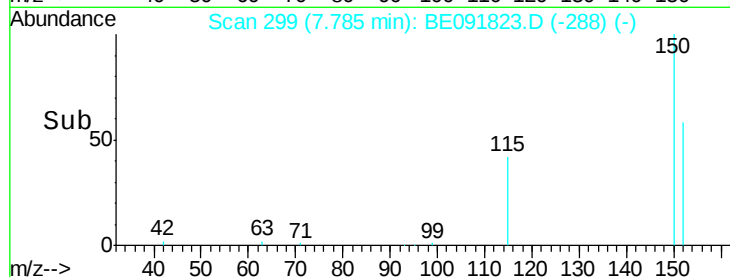
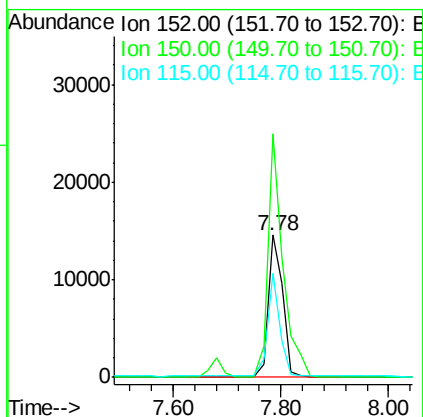
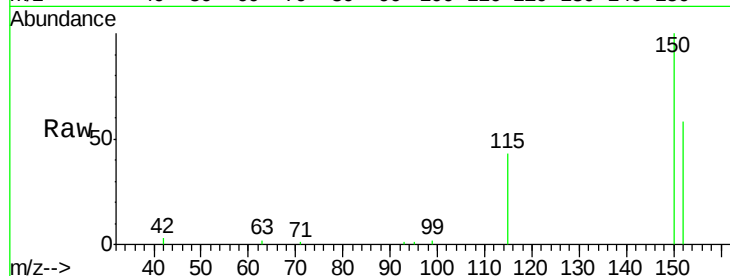
ClientSampleId :

SS043MW011-160512MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	171.5	122.6	183.8
115	73.3	52.8	79.2

Manual Integrations
APPROVED

sohil
5/20/2016 7:25:23 PM



#2

1,4-Dioxane

Concen: 72.23 ng

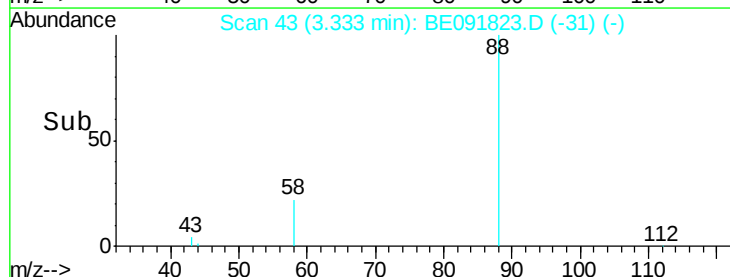
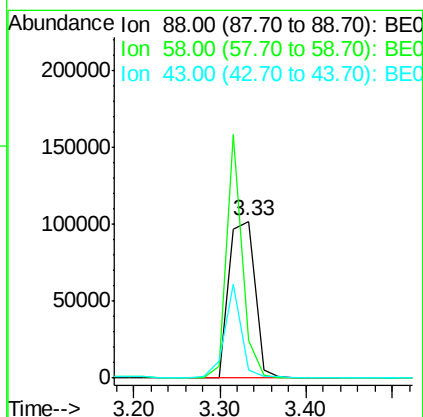
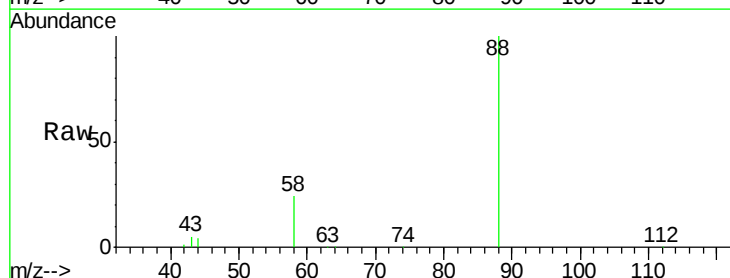
RT: 3.33 min Scan# 43

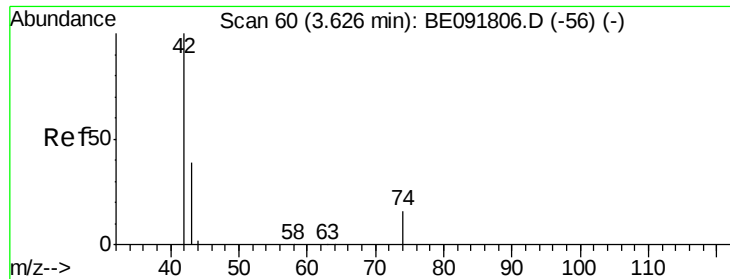
Delta R.T. 0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.1	65.8	98.6
43	37.5	25.3	37.9





#3

n-Nitrosodimethylamine

Concen: 1.44 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

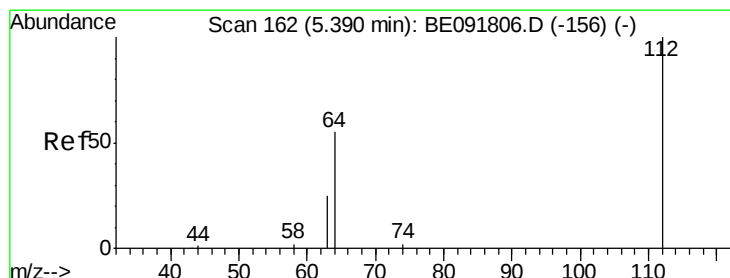
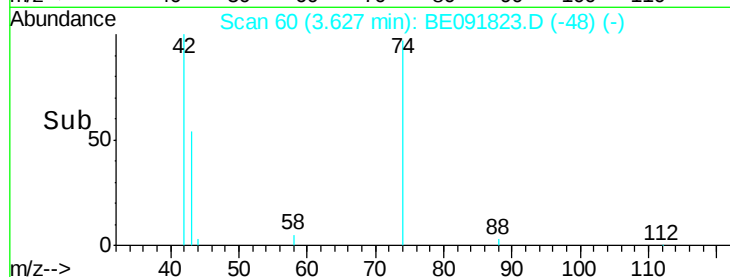
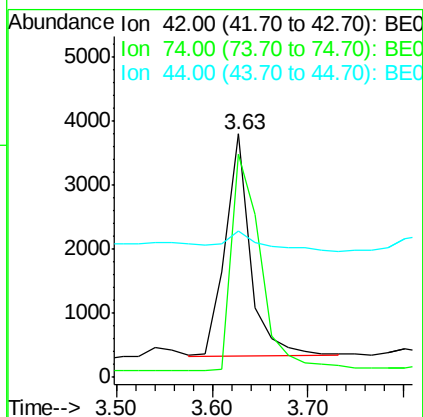
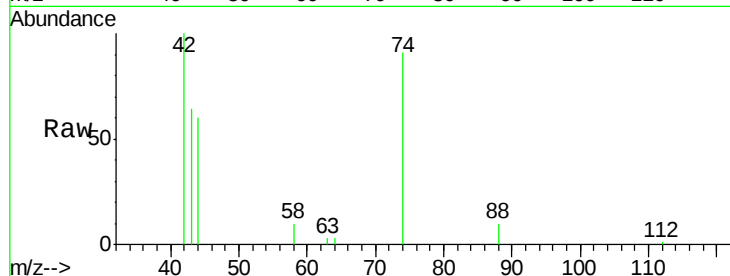
ClientSampleId :

SS043MW011-160512MS

Tgt Ion:	42	Resp:	6228
Ion Ratio		Lower	Upper
42	100		
74	116.7	87.9	131.9
44	13.2	6.6	9.8#

Manual Integrations
APPROVED

sohil
5/20/2016 7:25:23 PM



#4

2-Fluorophenol

Concen: 3.08 ng

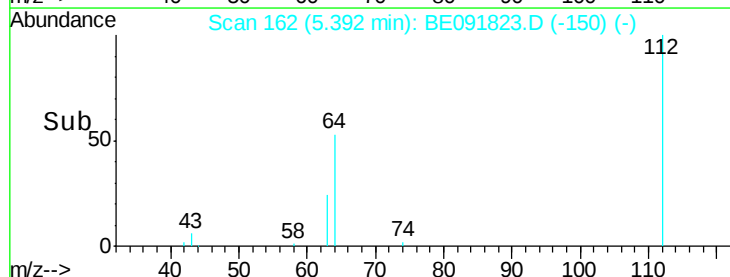
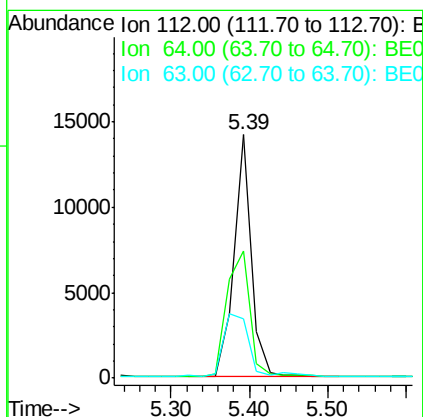
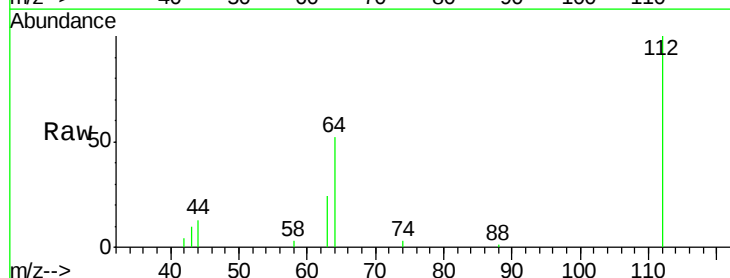
RT: 5.39 min Scan# 162

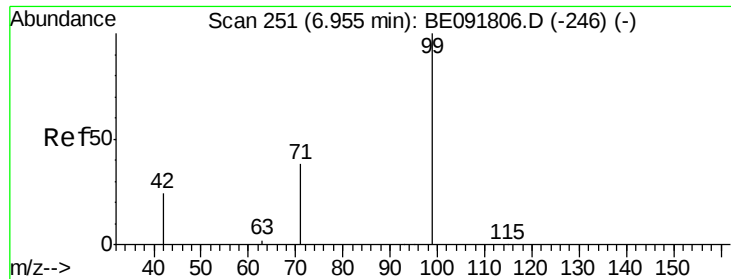
Delta R.T. 0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Tgt Ion:	112	Resp:	21791
Ion Ratio		Lower	Upper
112	100		
64	69.3	30.9	46.3#
63	38.0	16.7	25.1#





#5

Phenol-d6

Concen: 2.63 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

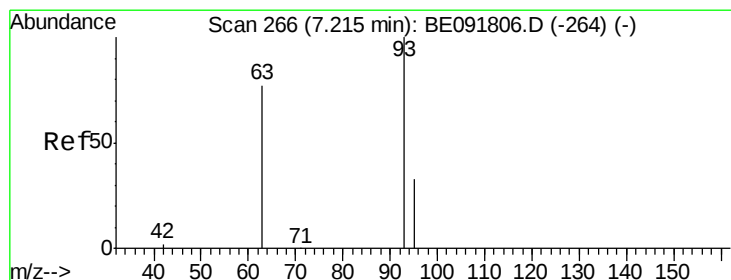
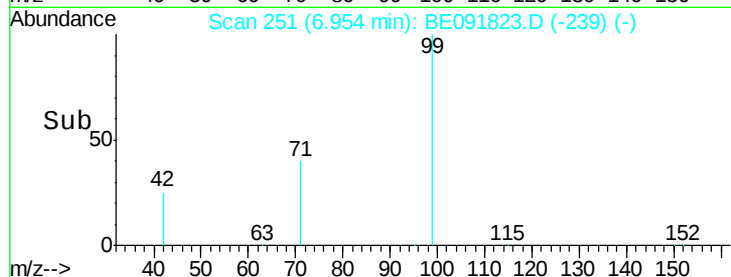
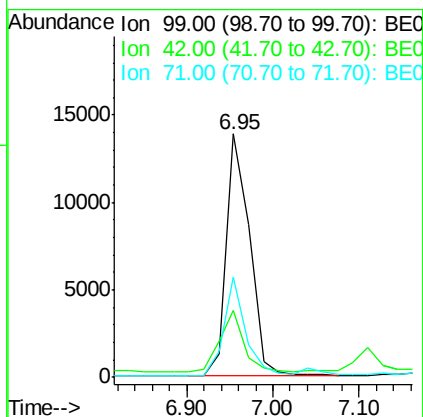
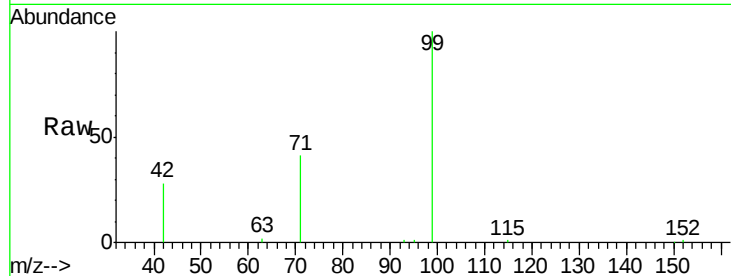
ClientSampleId :

SS043MW011-160512MS

Tgt Ion	Ratio	Lower	Upper
99	100		
42	25.7	16.2	24.2#
71	37.9	29.0	43.4

Manual Integrations
APPROVED

sohil
5/20/2016 7:25:23 PM



#6

bis(2-Chloroethyl)ether

Concen: 22.44 ng

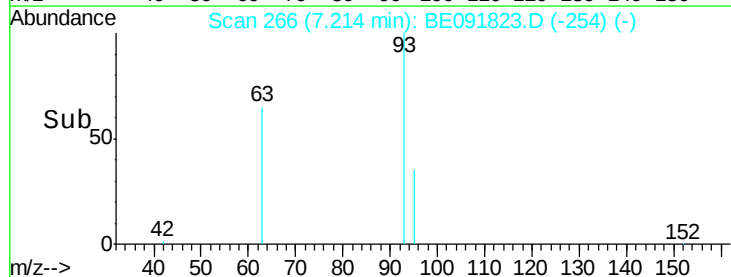
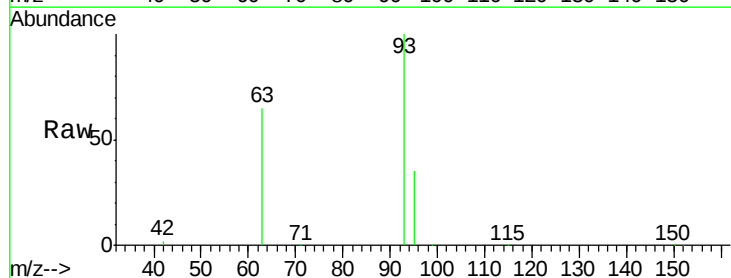
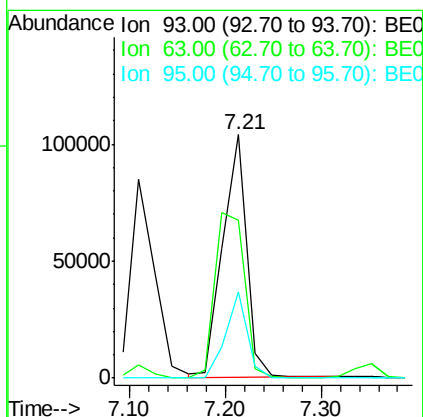
RT: 7.21 min Scan# 266

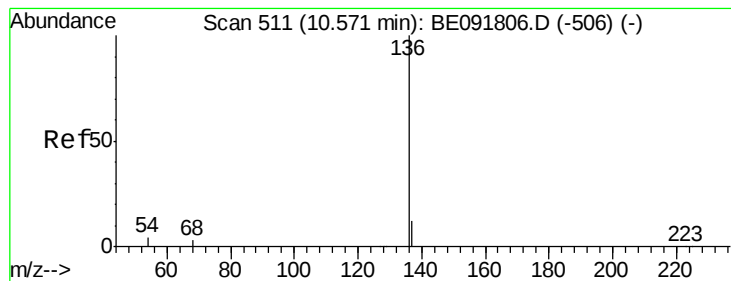
Delta R.T. -0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.8	49.5	74.3#
95	32.2	22.2	33.4





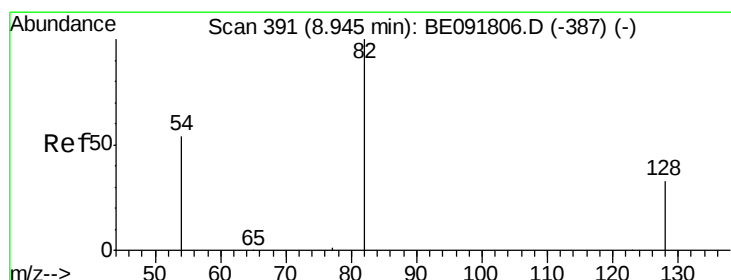
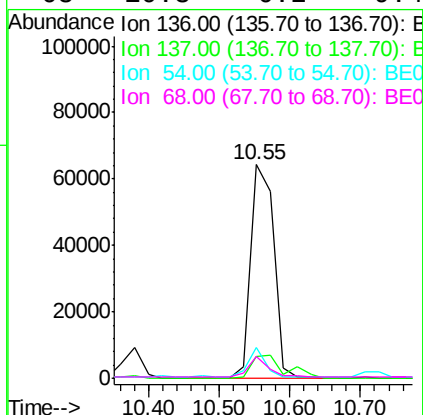
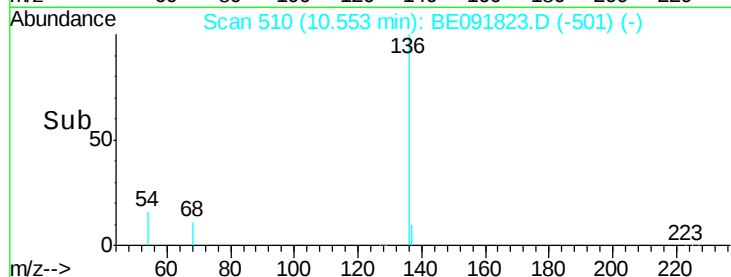
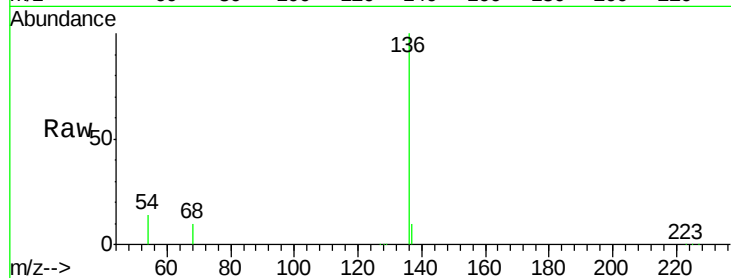
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.55 min Scan# 510
Delta R.T. -0.02 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	147261		
137	9.9	8.9	13.3	
54	14.2	8.2	12.4	
68	10.3	6.2	9.4	

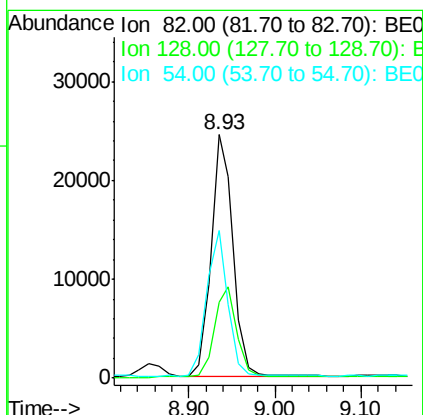
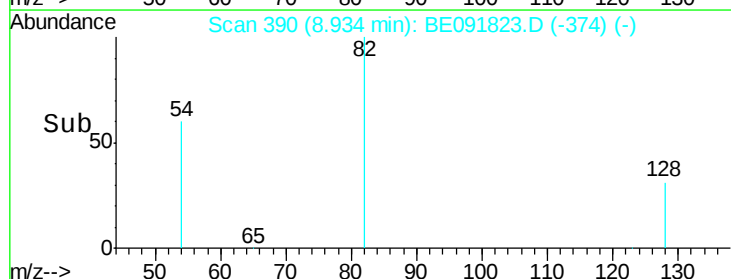
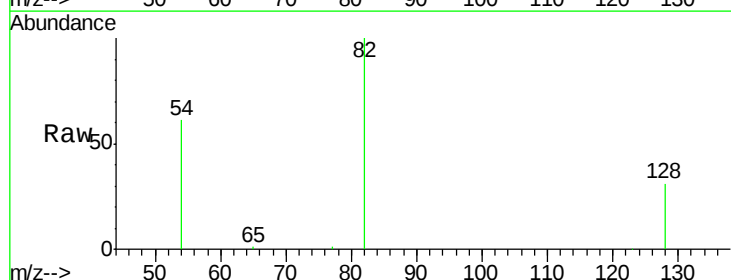
Manual Integrations
APPROVED

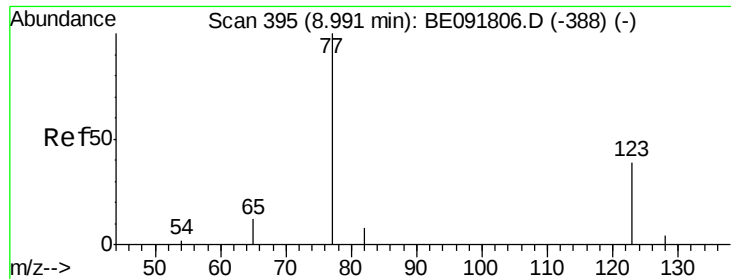
sohil
5/20/2016 7:25:23 PM



#8
Nitrobenzene-d5
Concen: 4.45 ng
RT: 8.93 min Scan# 390
Delta R.T. -0.01 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	43405		
128	31.1	25.4	38.0	
54	60.8	48.4	72.6	





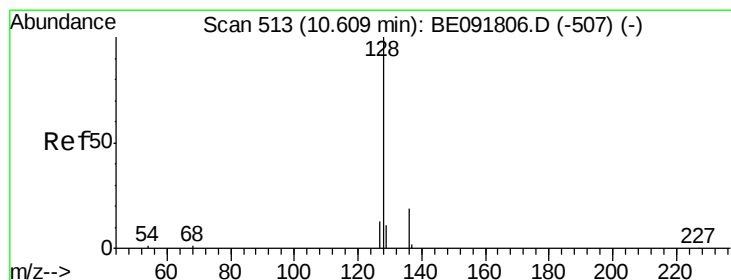
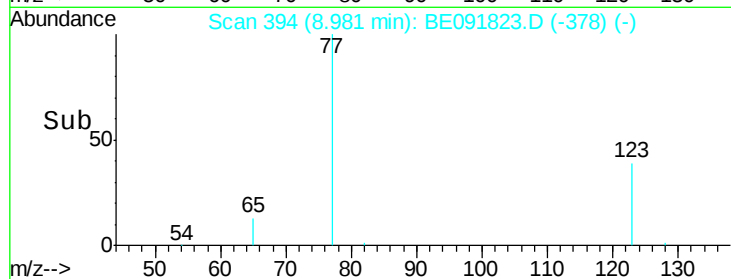
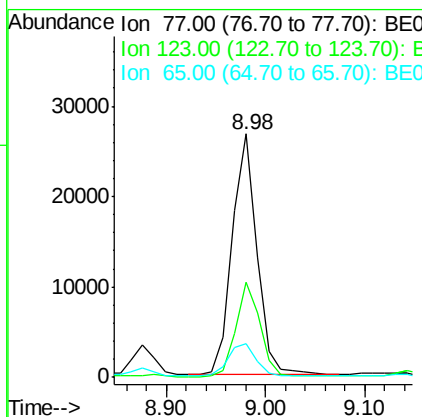
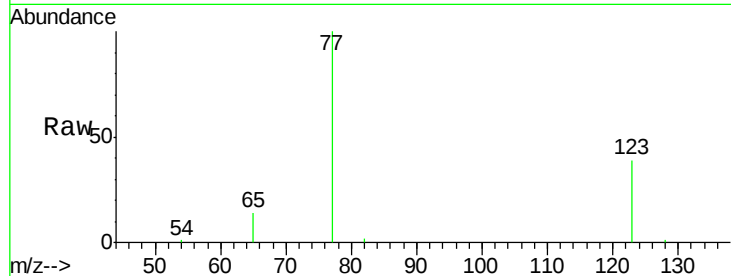
#9
 Nitrobenzene
 Concen: 4.59 ng
 RT: 8.98 min Scan# 394
 Delta R.T. -0.01 min
 Lab File: BE091823.D
 Acq: 19 May 2016 23:14

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW011-160512MS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.3	26.9	40.3
65	15.1	9.4	14.2

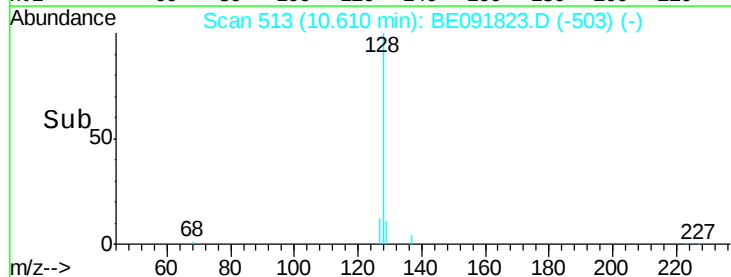
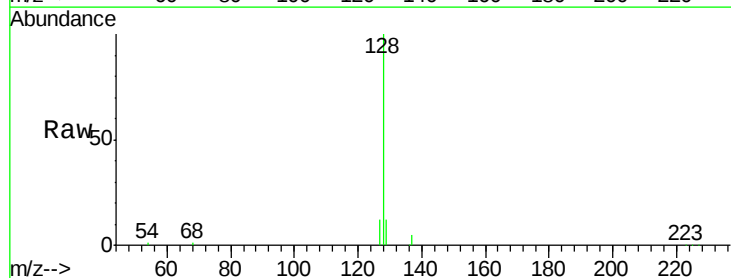
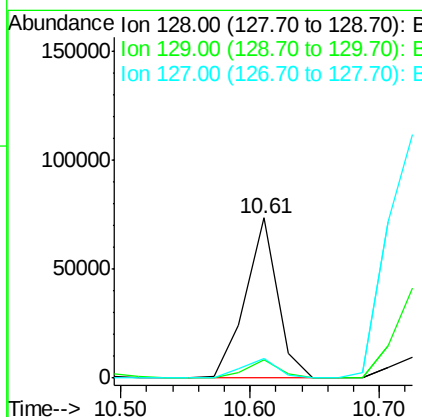
Manual Integrations
 APPROVED

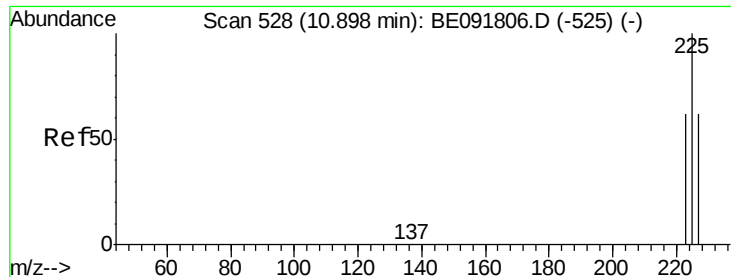
sohil
 5/20/2016 7:25:23 PM



#10
 Naphthalene
 Concen: 3.87 ng
 RT: 10.61 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BE091823.D
 Acq: 19 May 2016 23:14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	12.5	10.7	16.1





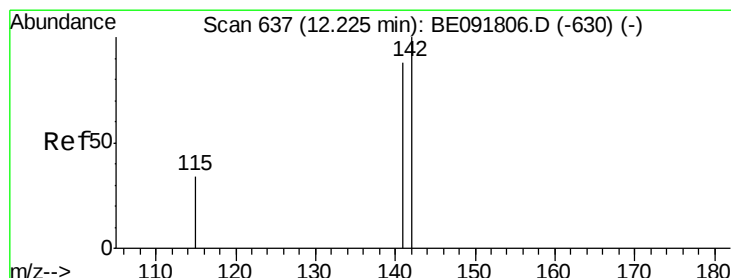
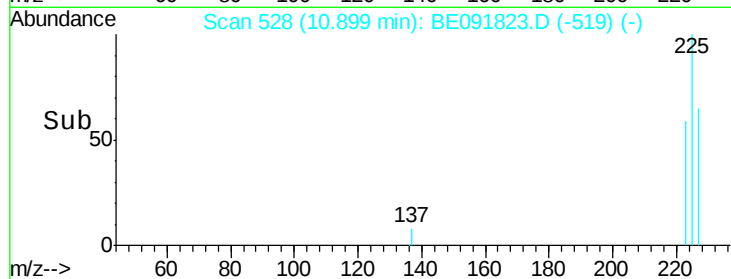
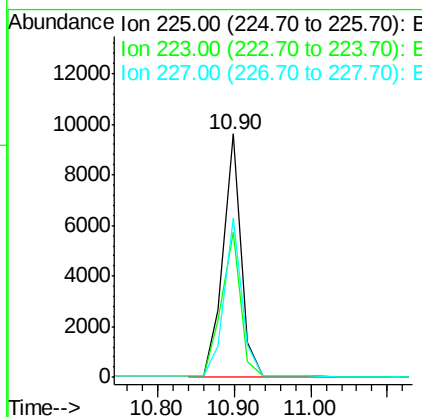
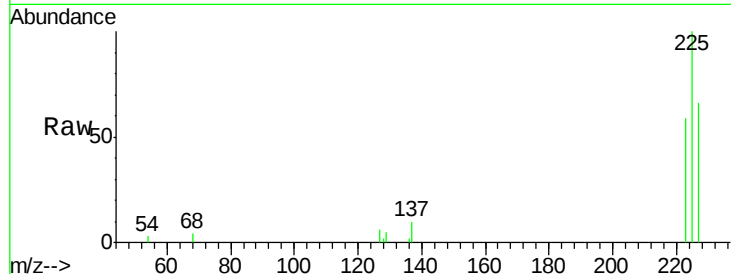
#11
Hexachlorobutadiene
Concen: 3.75 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512MS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.0	73.6
227	64.8	50.3	75.5

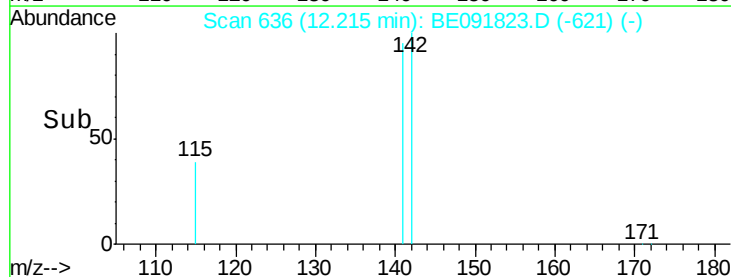
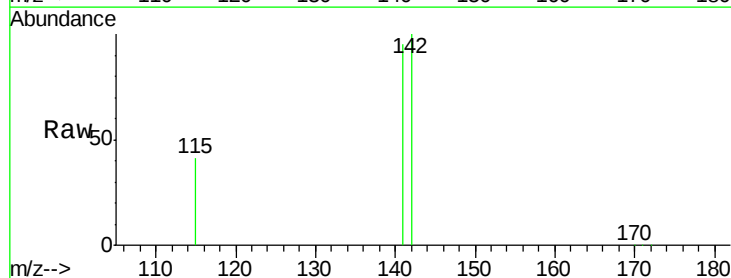
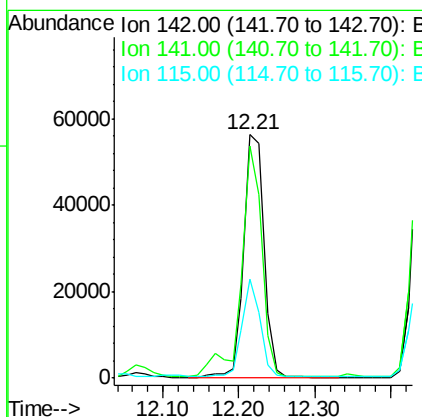
Manual Integrations
APPROVED

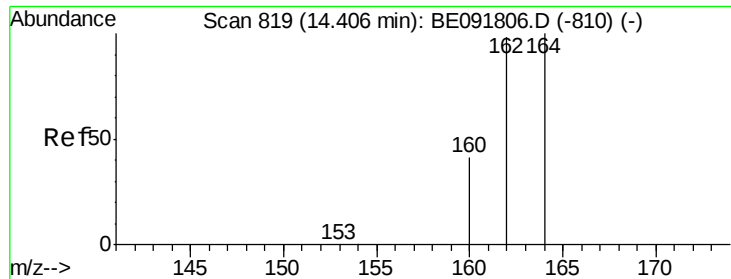
sohil
5/20/2016 7:25:23 PM



#12
2-Methylnaphthalene
Concen: 4.73 ng
RT: 12.21 min Scan# 636
Delta R.T. -0.02 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	71.4	107.0
115	40.7	30.3	45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

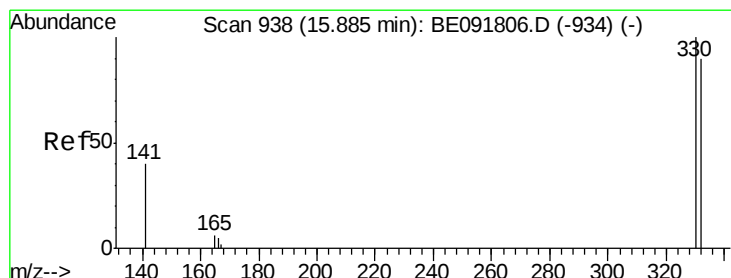
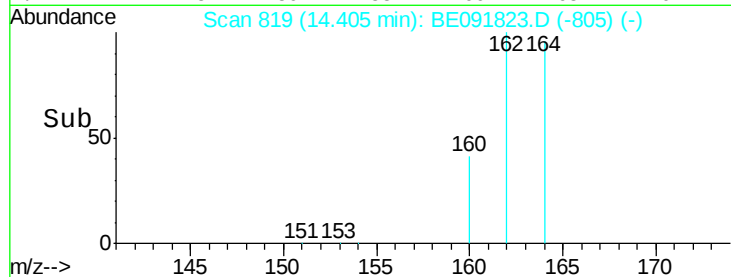
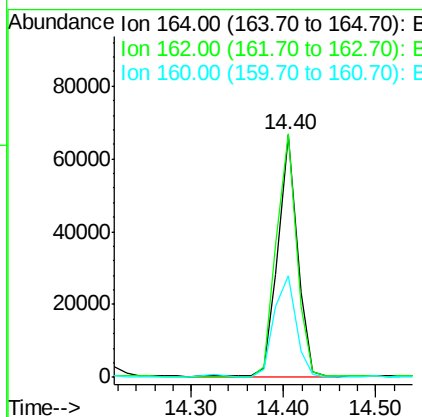
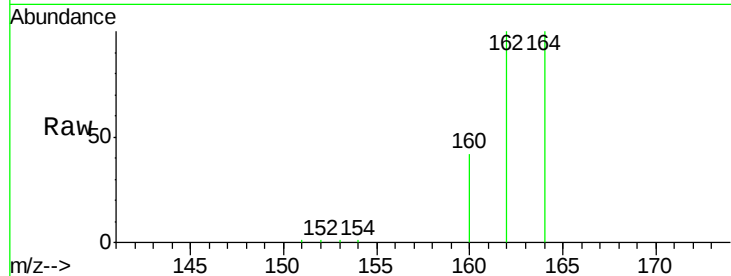
ClientSampleId :

SS043MW011-160512MS

Tgt Ion:164 Resp: 98282
 Ion Ratio Lower Upper
 164 100
 162 100.2 85.3 127.9
 160 41.9 46.2 69.2#

Manual Integrations
 APPROVED

sohil
 5/20/2016 7:25:23 PM



#14

2,4,6-Tribromophenol

Concen: 10.48 ng

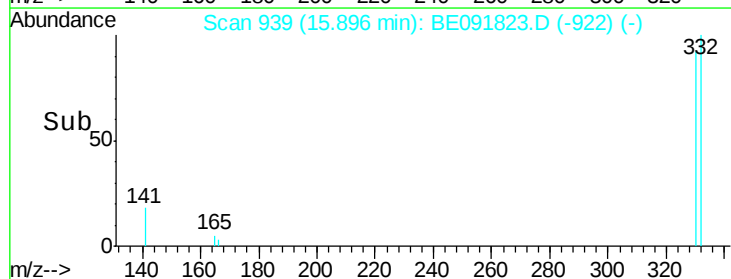
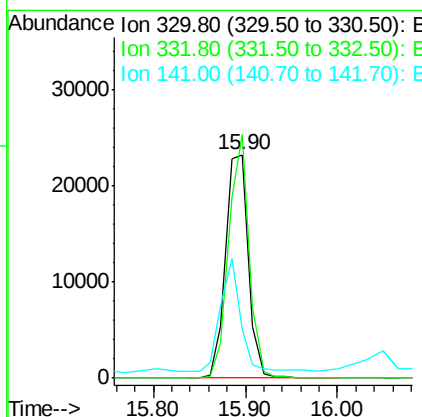
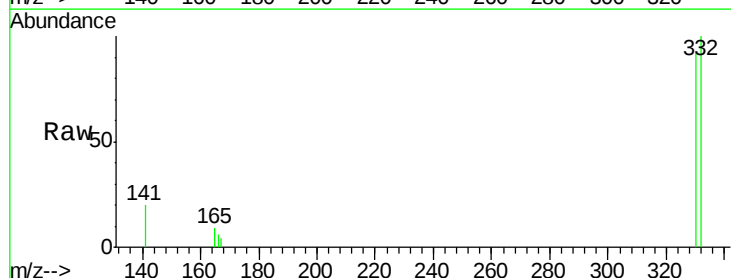
RT: 15.90 min Scan# 939

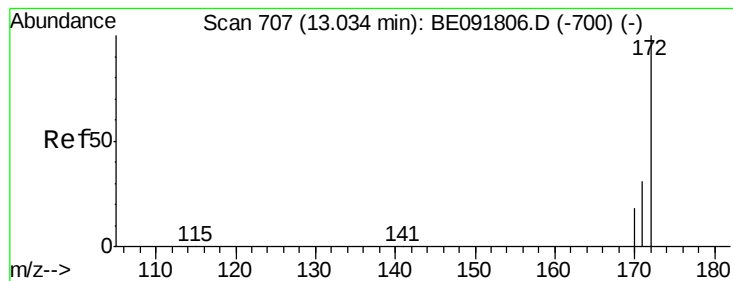
Delta R.T. 0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Tgt Ion:330 Resp: 39983
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.1 118.7
 141 44.5 125.4 188.0#





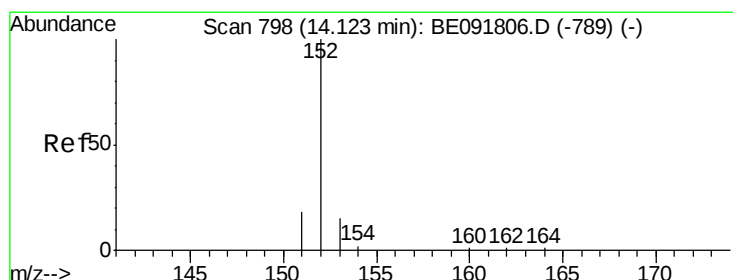
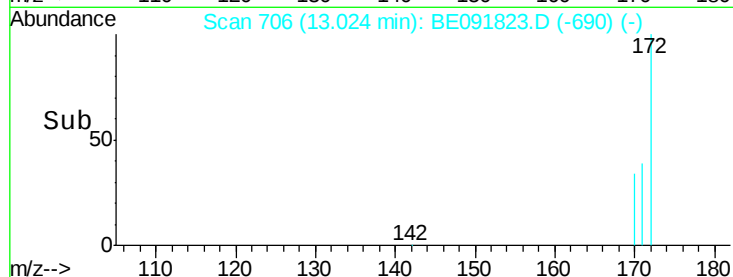
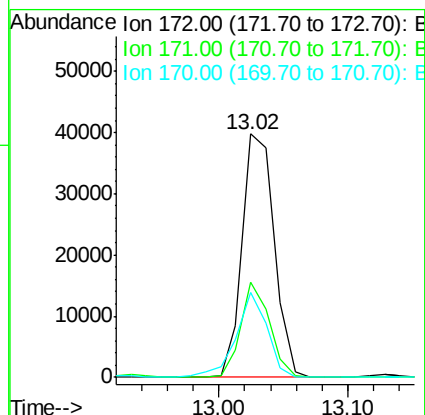
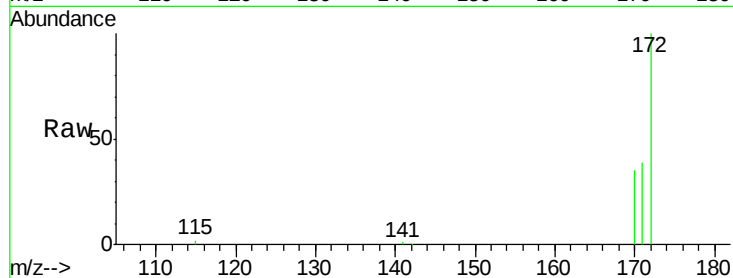
#15
2-Fluorobiphenyl
Concen: 2.46 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	28.8	43.2
170	34.7	19.3	28.9

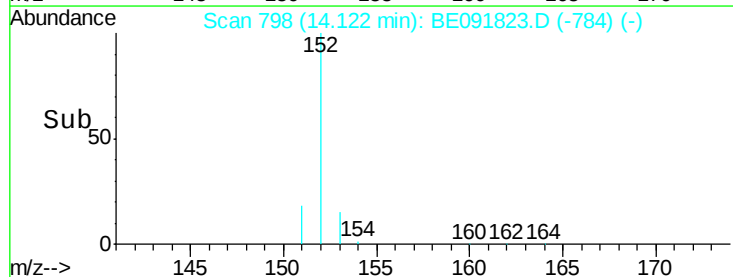
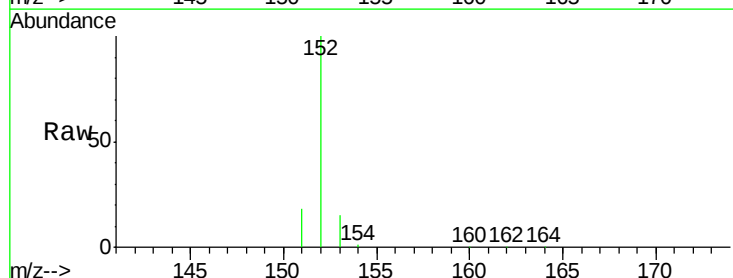
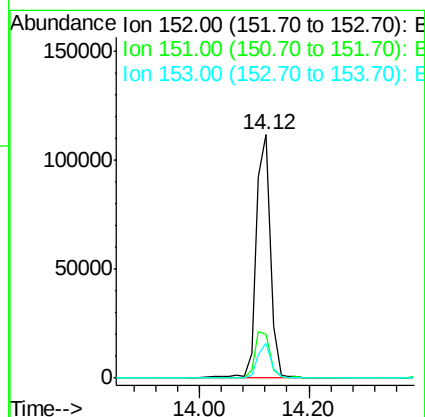
Manual Integrations
APPROVED

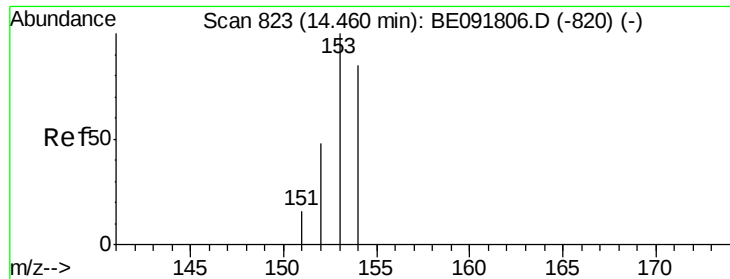
sohil
5/20/2016 7:25:23 PM



#16
Acenaphthylene
Concen: 4.87 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.6	3.9	5.9
153	15.0	10.3	15.5





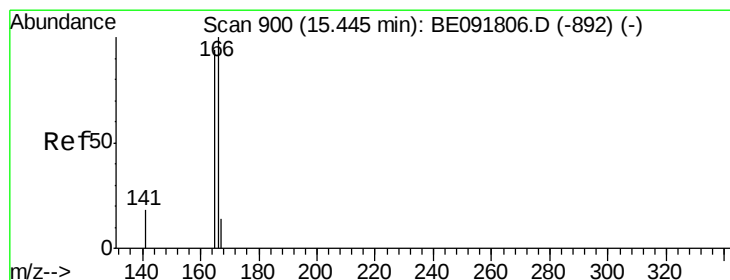
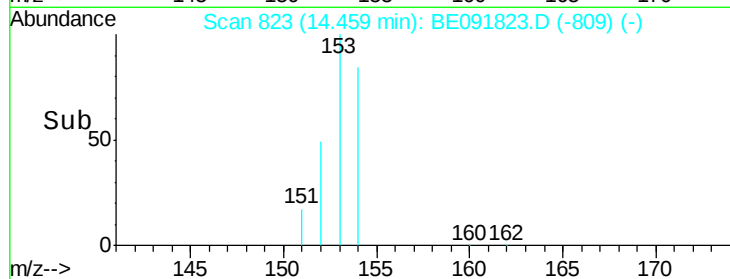
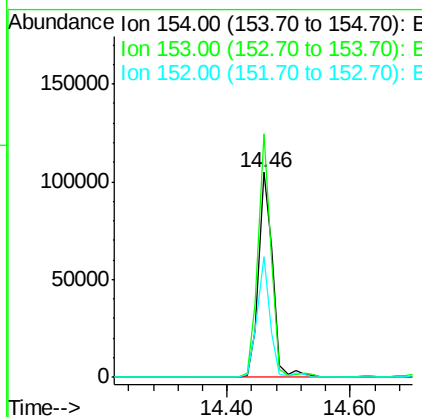
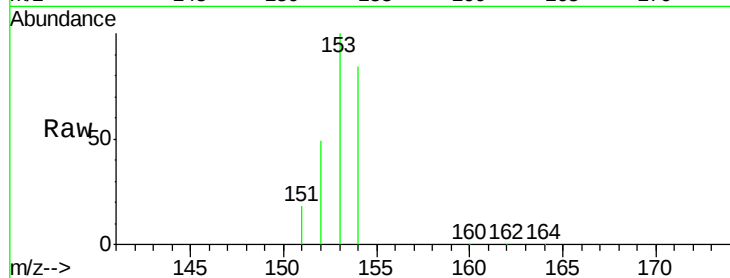
#17
Acenaphthene
Concen: 6.36 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.7	80.0	120.0
152	52.9	40.0	60.0

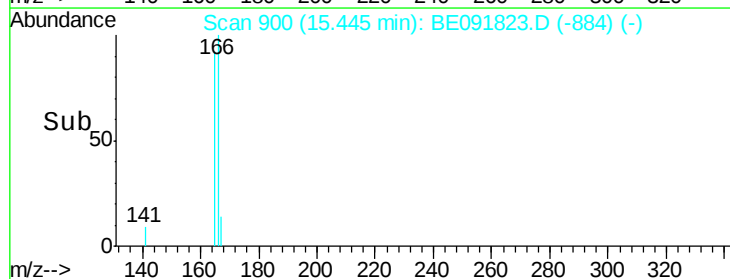
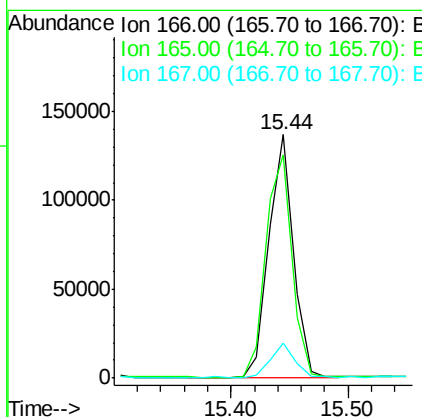
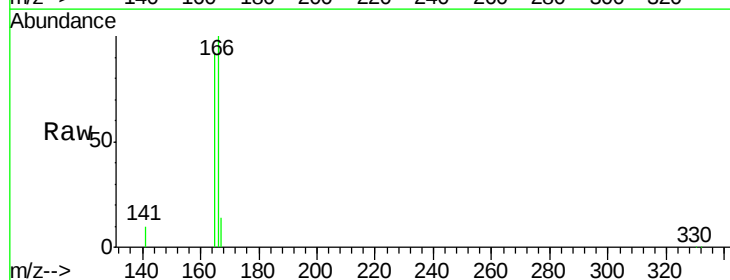
Manual Integrations
APPROVED

sohil
5/20/2016 7:25:23 PM



#18
Fluorene
Concen: 5.80 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.8	121.2
167	13.7	10.9	16.3





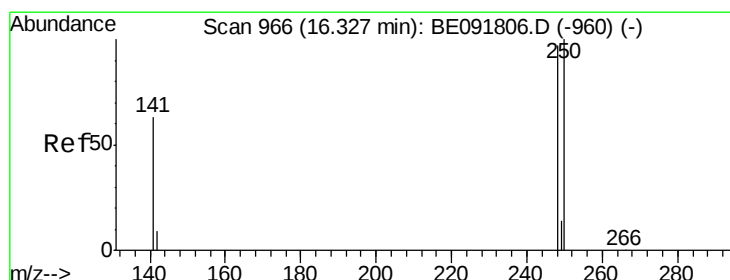
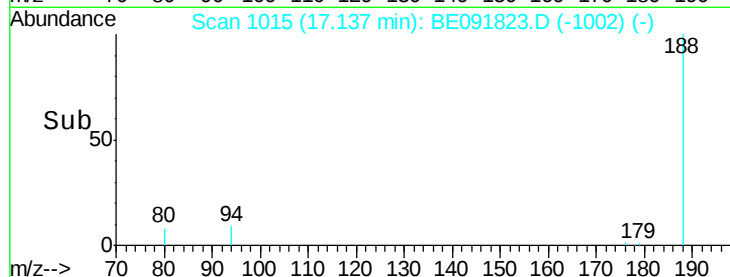
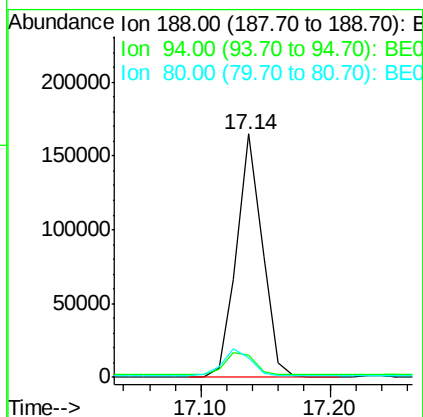
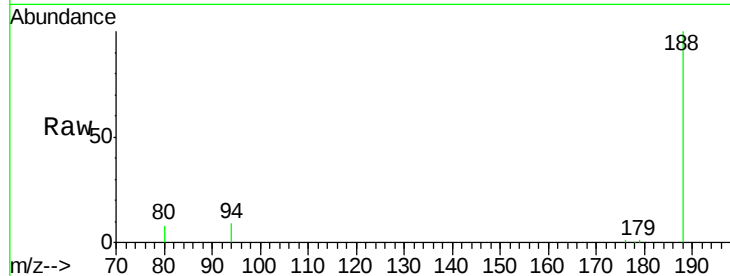
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.0	8.7	13.1
80	8.1	9.4	14.0

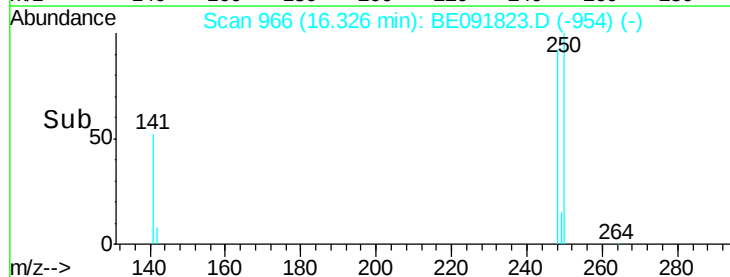
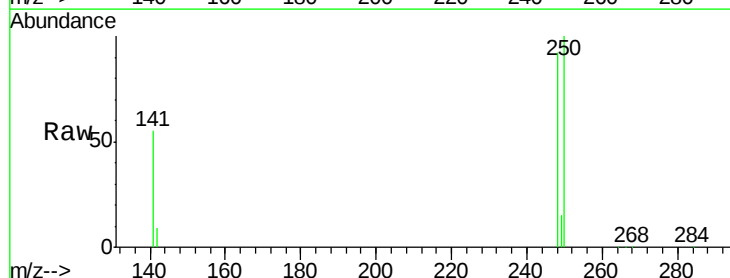
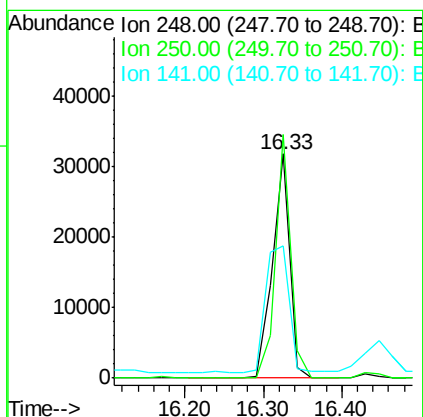
Manual Integrations
APPROVED

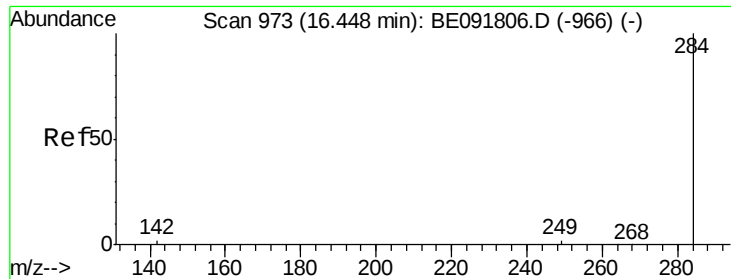
sohil
5/20/2016 7:25:23 PM



#20
4-Bromophenyl-phenylether
Concen: 5.66 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	95.6	80.5	120.7
141	77.8	72.0	108.0





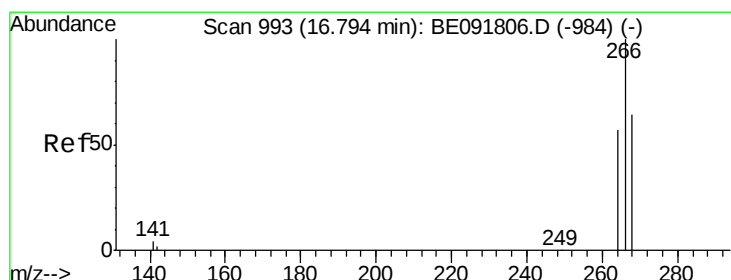
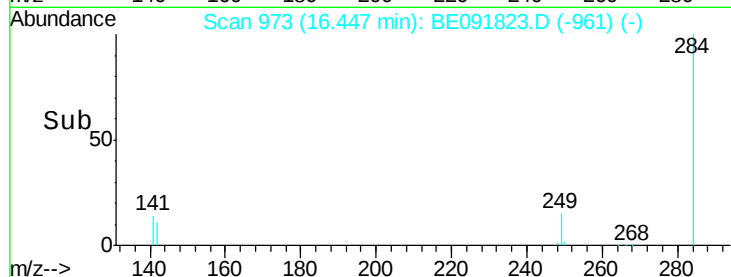
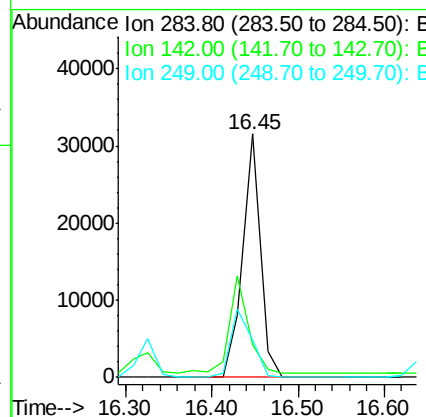
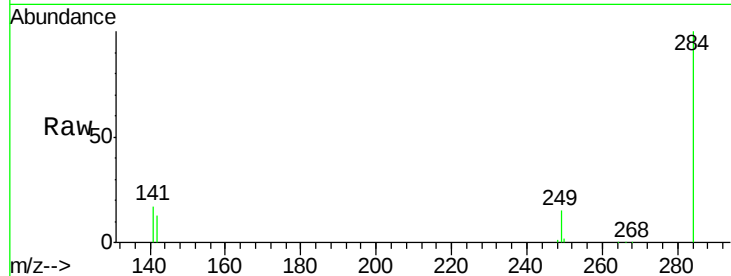
#21
Hexachlorobenzene
Concen: 5.01 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	44631		
142	44.2	32.2	48.2	
249	32.7	25.4	38.2	

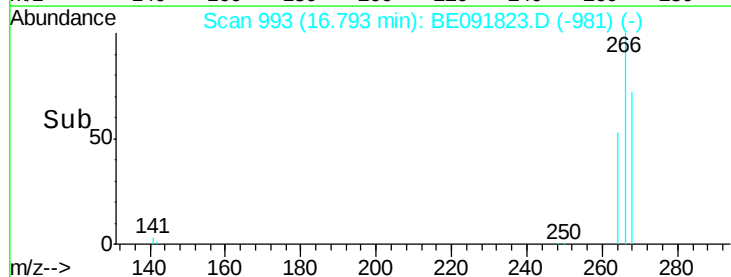
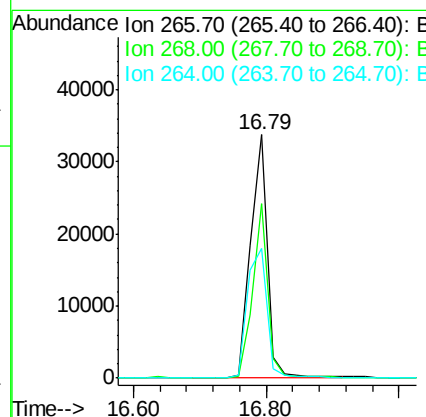
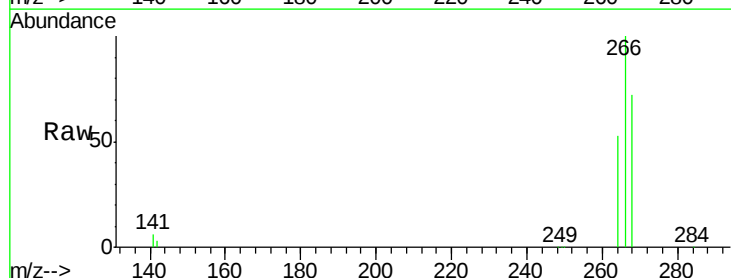
Manual Integrations
APPROVED

sohil
5/20/2016 7:25:23 PM



#22
Pentachlorophenol
Concen: 15.94 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	58683		
268	71.6	58.2	87.2	
264	53.3	56.2	84.4	





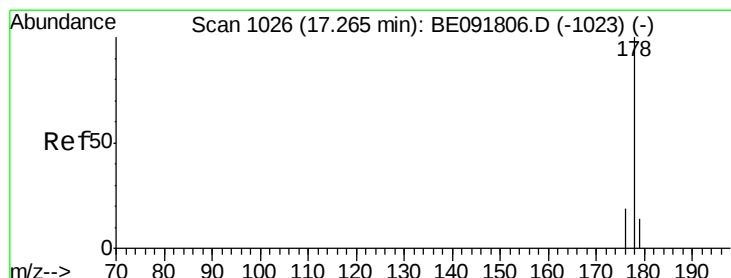
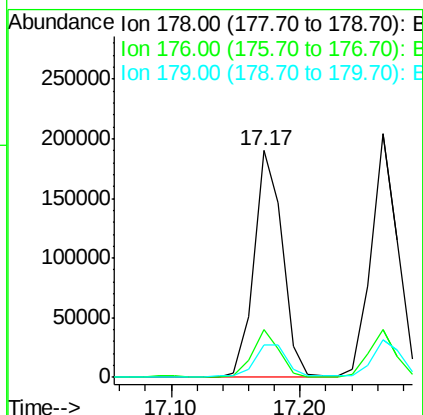
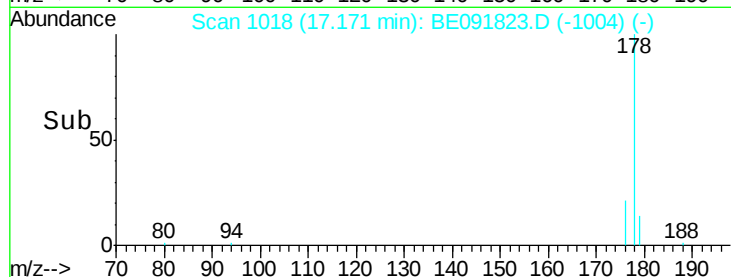
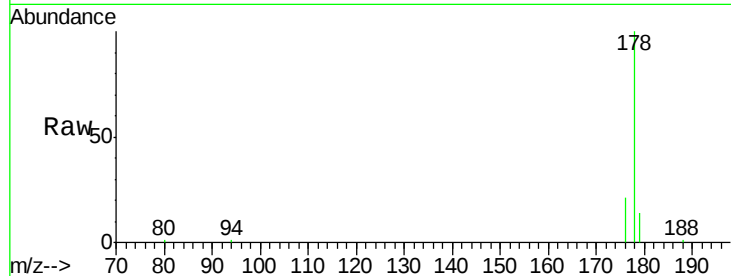
#23
Phenanthrene
Concen: 6.44 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512MS

Tgt Ion:178 Resp: 287907
Ion Ratio Lower Upper
178 100
176 20.2 15.3 22.9
179 16.0 12.6 18.8

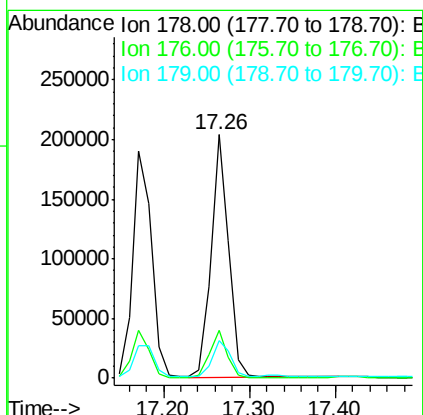
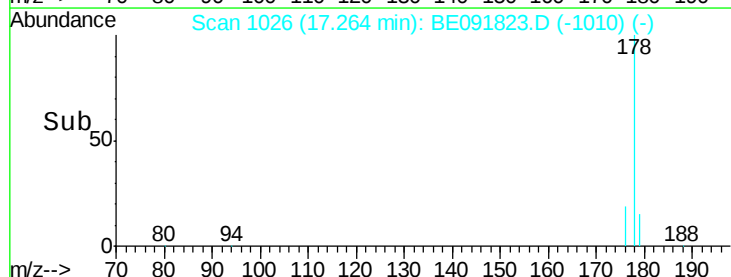
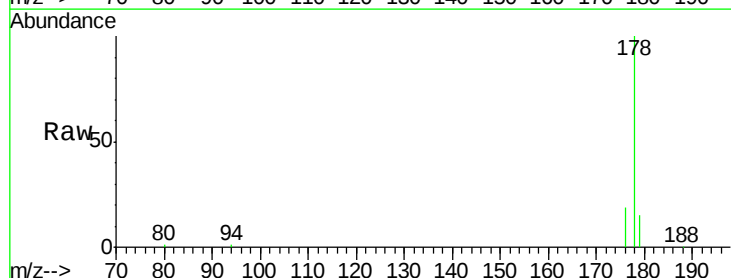
Manual Integrations
APPROVED

sohil
5/20/2016 7:25:23 PM



#24
Anthracene
Concen: 5.83 ng
RT: 17.26 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Tgt Ion:178 Resp: 289942
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.6 11.8 17.6





#25

Fluoranthene

Concen: 5.70 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

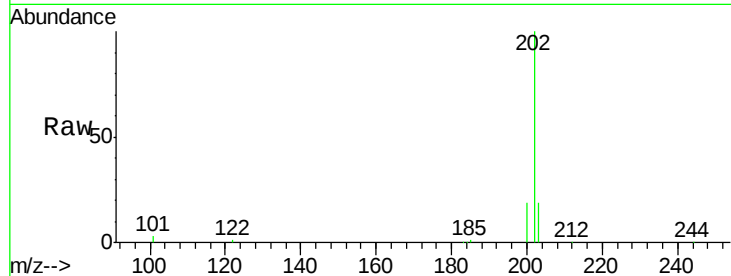
ClientSampleId :

SS043MW011-160512MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	0.0	11.0	16.6#
203	18.1	13.9	20.9

Manual Integrations
APPROVED

sohil
5/20/2016 7:25:23 PM

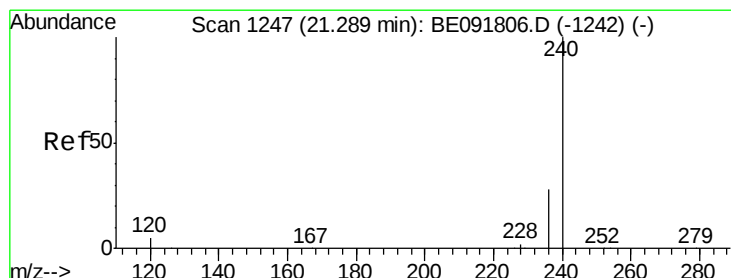
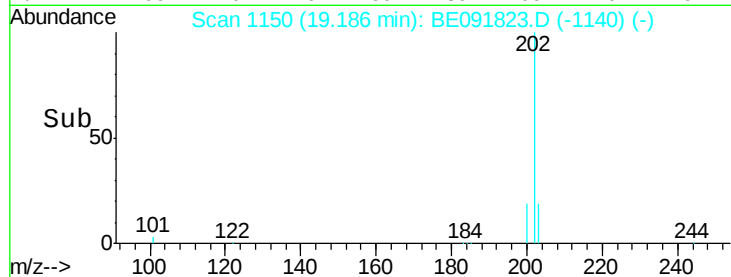
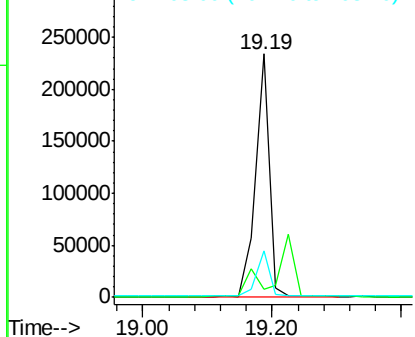


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

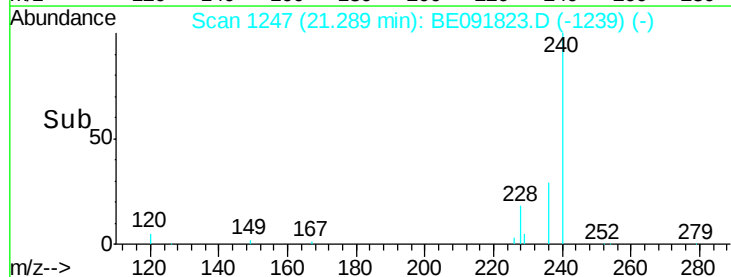
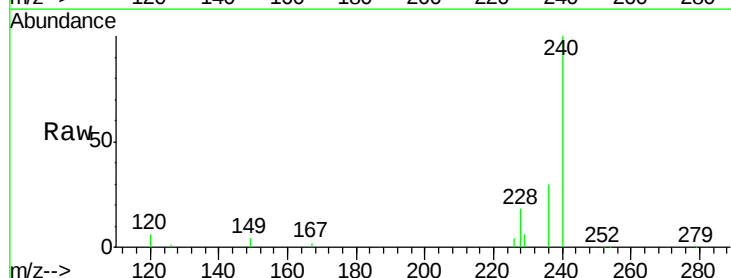
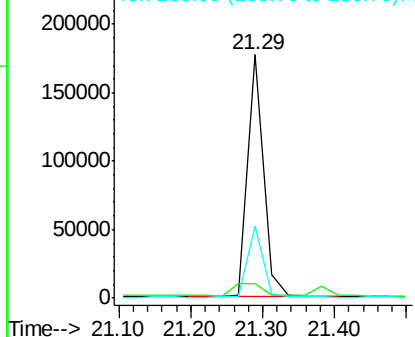
Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	6.2	11.0	16.4#
236	29.5	21.7	32.5

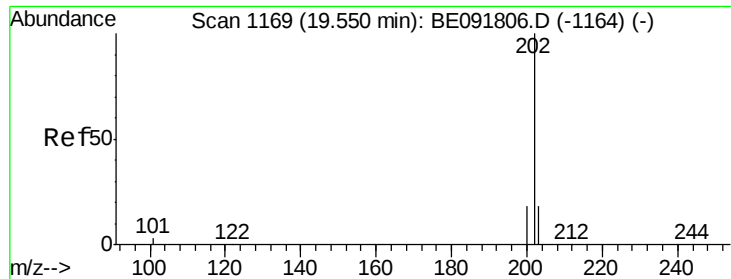
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





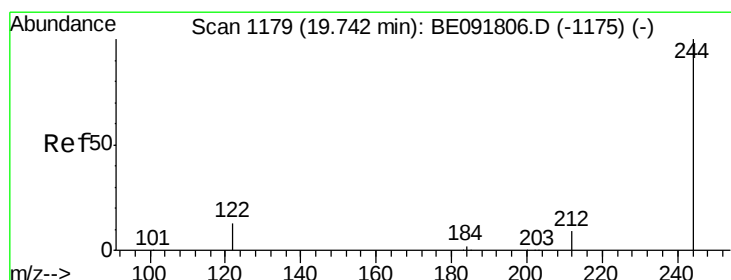
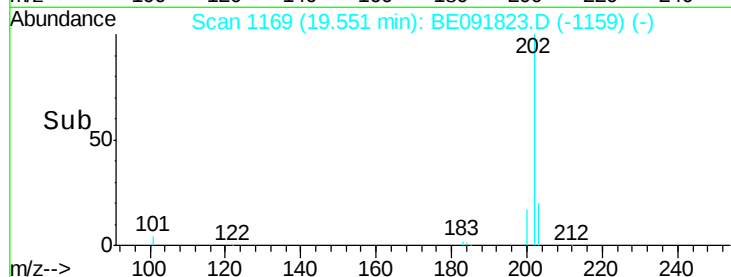
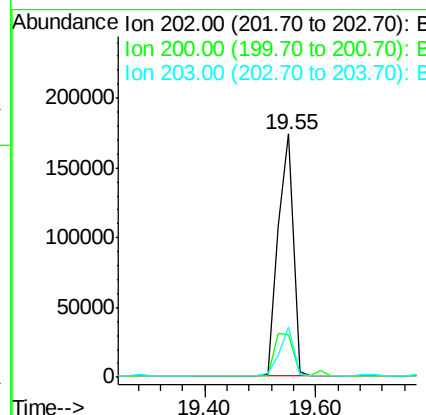
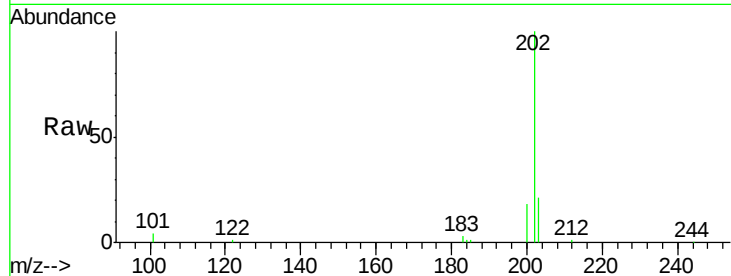
#28
 Pyrene
 Concen: 5.59 ng
 RT: 19.55 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BE091823.D
 Acq: 19 May 2016 23:14

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW011-160512MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	333032		
200	21.7	16.8	25.2	
203	18.5	14.0	21.0	

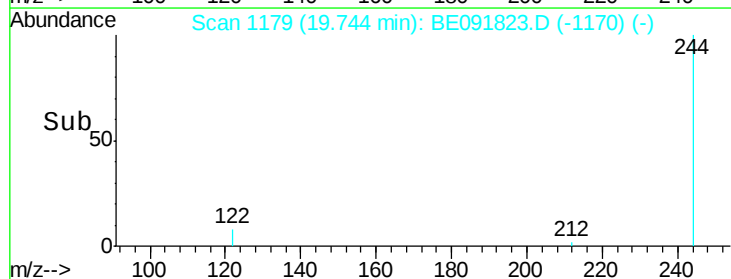
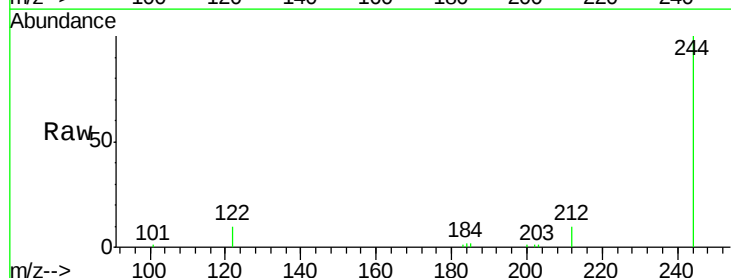
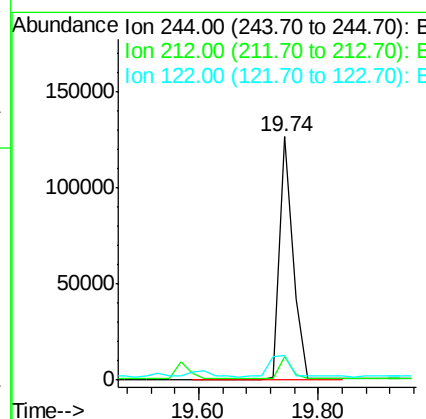
Manual Integrations
 APPROVED

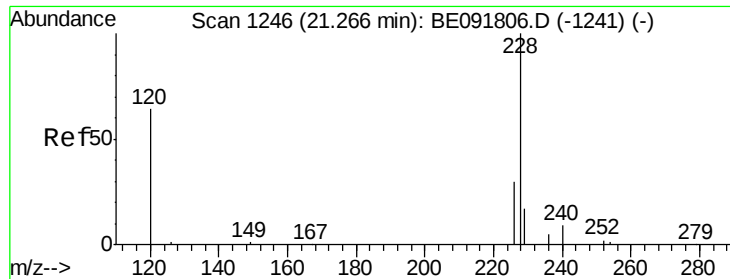
sohil
 5/20/2016 7:25:23 PM



#29
 Terphenyl-d14
 Concen: 5.12 ng
 RT: 19.74 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BE091823.D
 Acq: 19 May 2016 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	196846		
212	9.7	6.9	10.3	
122	10.1	11.0	16.4	





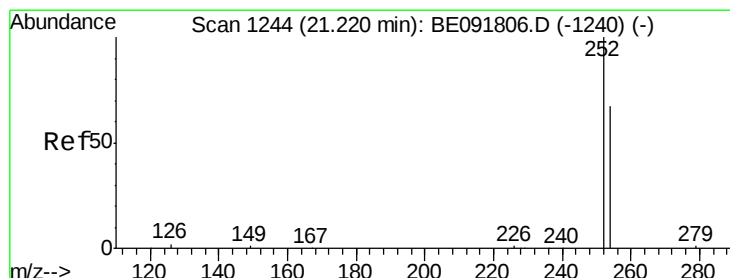
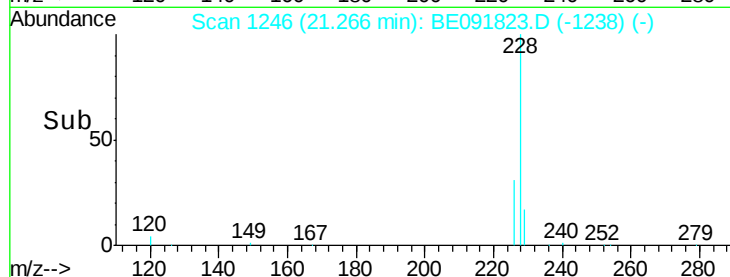
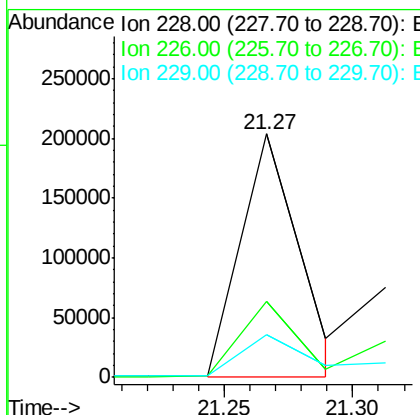
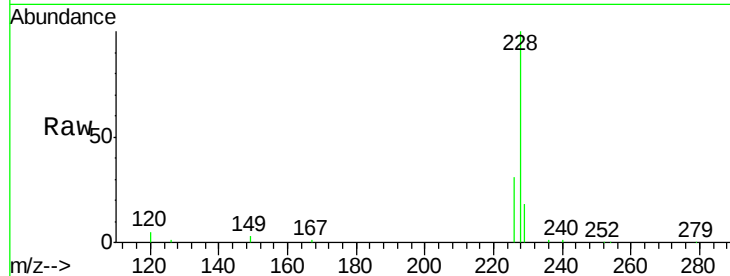
#30
Benzo(a)anthracene
Concen: 4.98 ng m
RT: 21.27 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.0	31.4
229	17.6	15.7	23.5

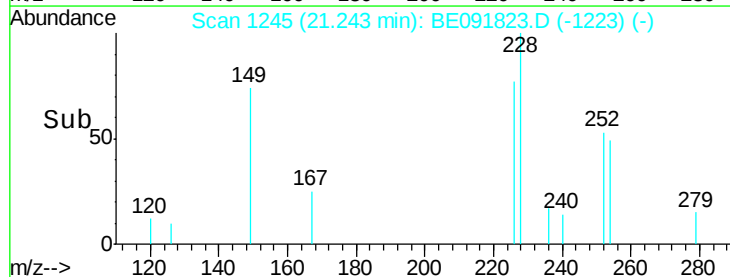
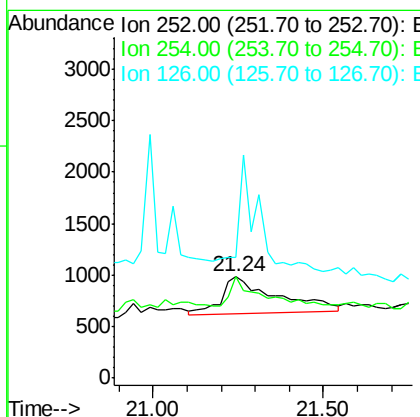
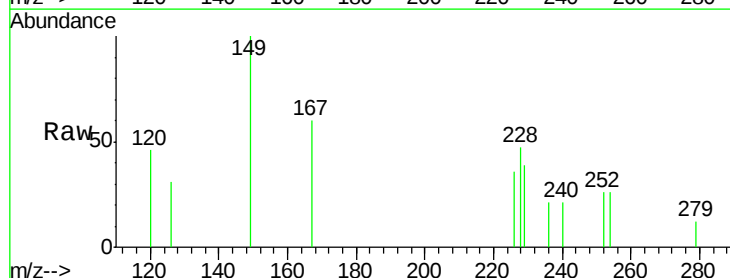
Manual Integrations
APPROVED

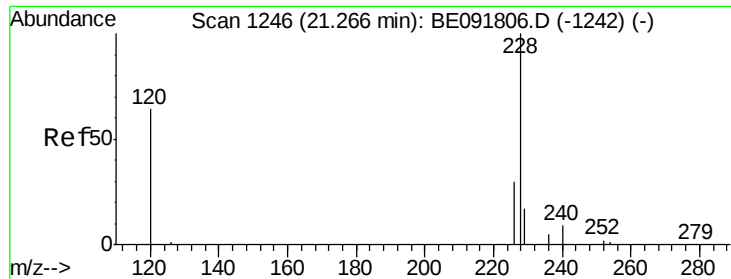
sohil
5/20/2016 7:25:23 PM



#31
3,3'-Dichlorobenzidine
Concen: 0.10 ng
RT: 21.24 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	100.2	51.1	76.7#
126	119.5	12.6	18.8#





#32

Chrysene

Concen: 5.02 ng m

RT: 21.34 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS

Tgt Ion: 228 Resp: 282476
Ion Ratio Lower Upper

228 100

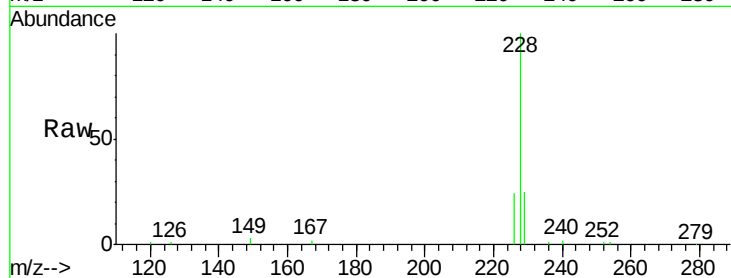
226 23.7 24.0 36.0#

229 24.7 15.9 23.9#

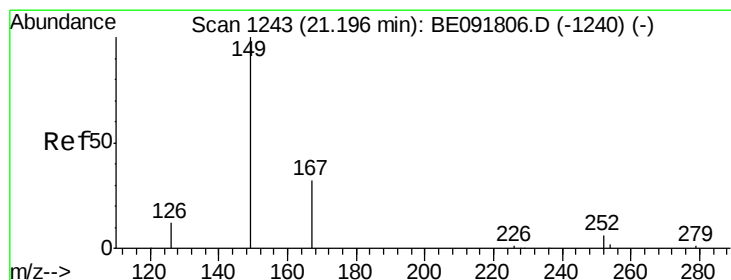
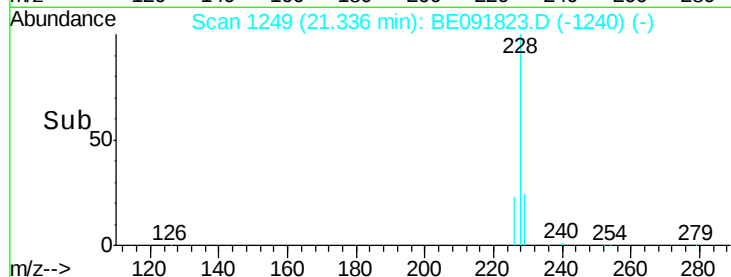
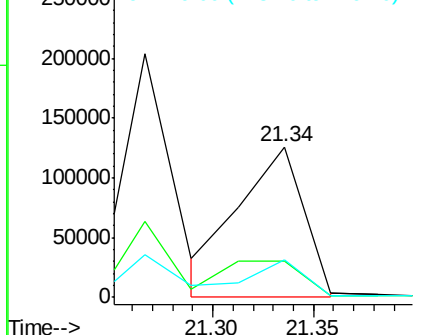
Manual Integrations
APPROVED

sohil

5/20/2016 7:25:23 PM



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 6.07 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

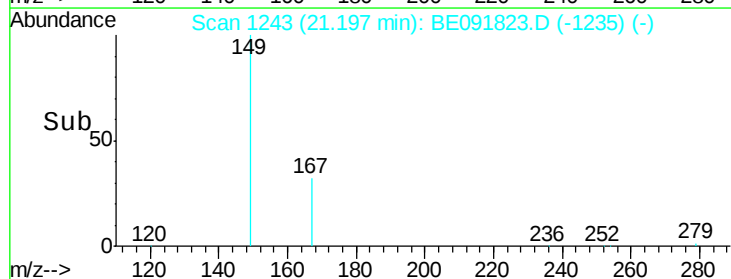
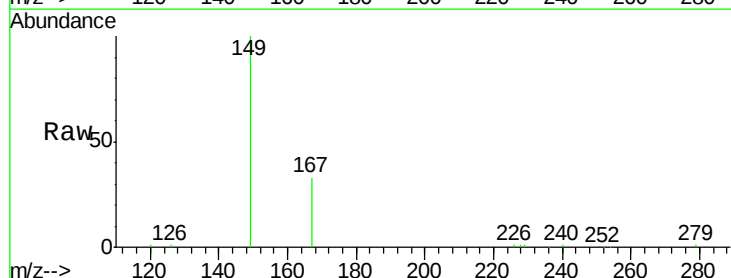
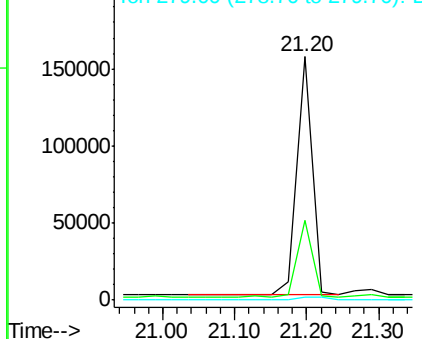
Tgt Ion: 149 Resp: 228622
Ion Ratio Lower Upper

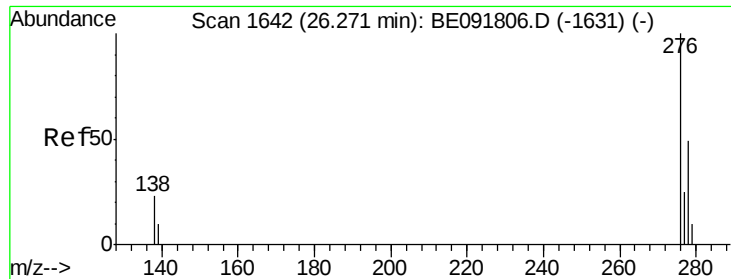
149 100

167 31.4 19.5 29.3#

279 0.0 10.0 15.0#

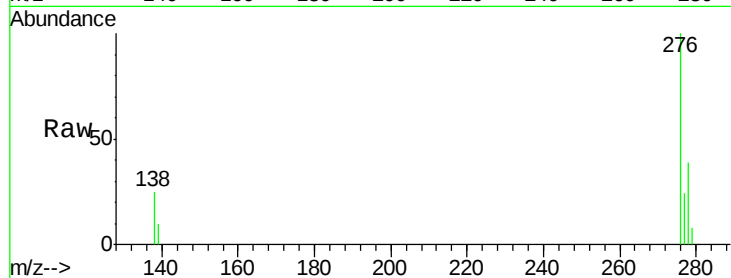
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#34
Indeno(1,2,3-cd)pyrene
Concen: 5.24 ng
RT: 26.27 min Scan# 1642
Delta R.T. -0.04 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

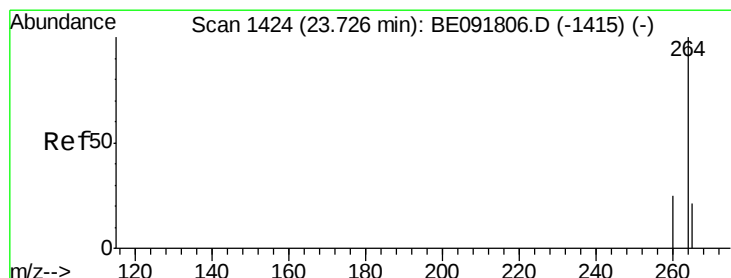
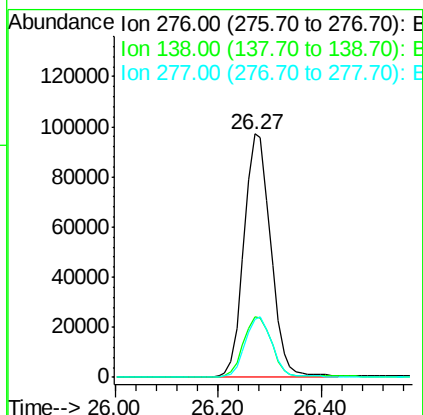
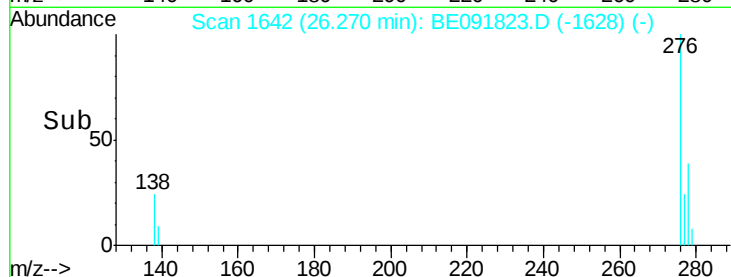
Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512MS



Tgt Ion: 276 Resp: 351534
Ion Ratio Lower Upper
276 100
138 25.7 23.4 35.2
277 24.8 19.8 29.8

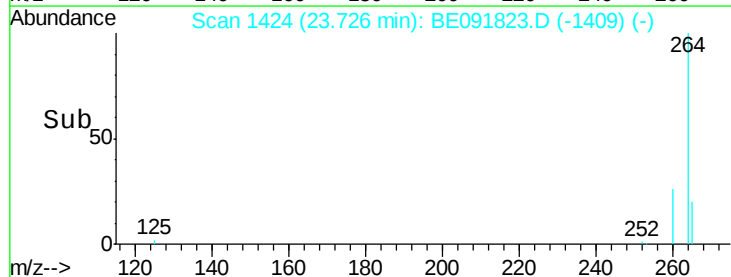
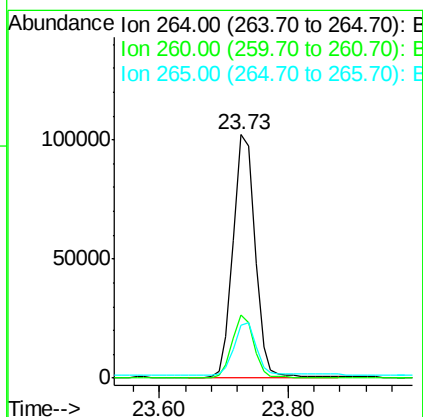
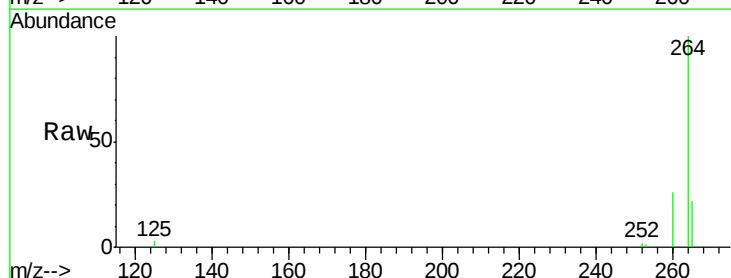
Manual Integrations
APPROVED

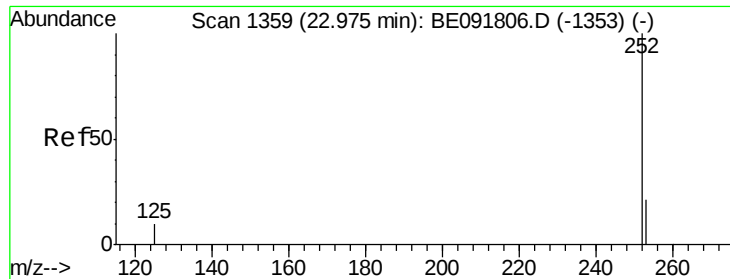
sohil
5/20/2016 7:25:23 PM



#35
Perylene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Tgt Ion: 264 Resp: 239767
Ion Ratio Lower Upper
264 100
260 26.1 20.0 30.0
265 21.6 17.5 26.3





#36

Benzo(b)fluoranthene

Concen: 5.21 ng

RT: 22.97 min Scan# 1359

Delta R.T. -0.02 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

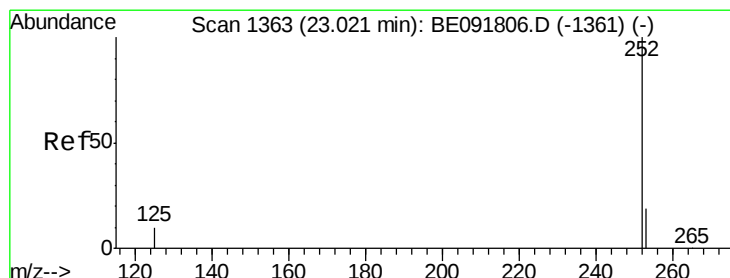
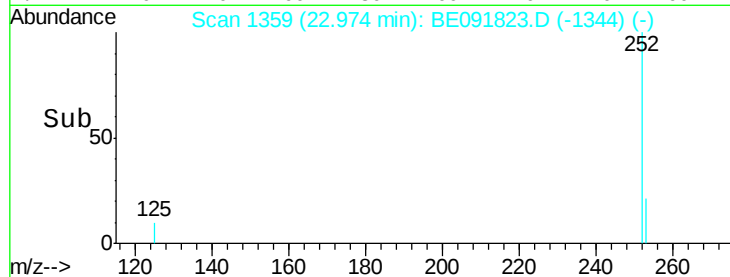
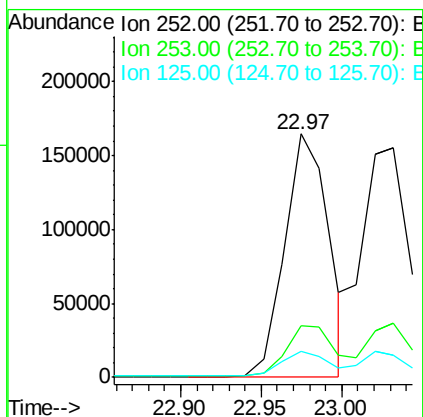
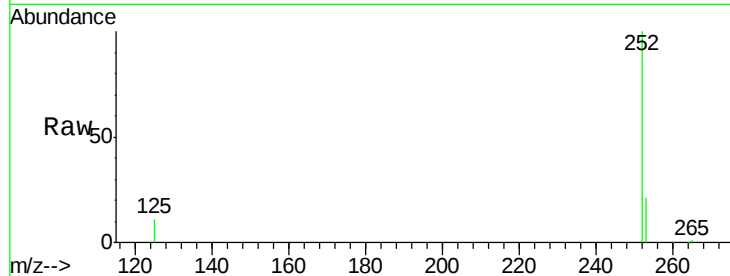
ClientSampleId :

SS043MW011-160512MS

Tgt Ion:	252	Resp:	312358
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.4	26.0
125	10.8	10.2	15.2

Manual Integrations
APPROVED

sohil
5/20/2016 7:25:23 PM



#37

Benzo(k)fluoranthene

Concen: 5.28 ng m

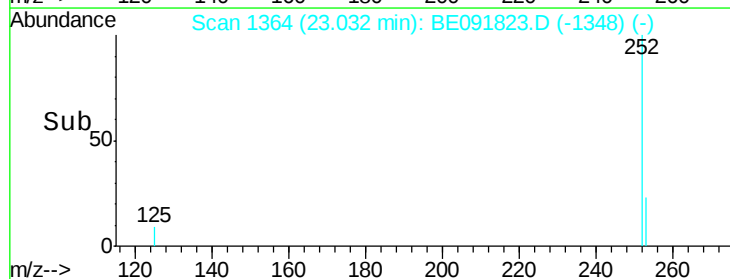
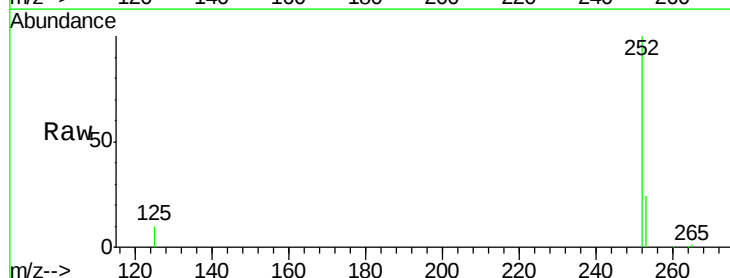
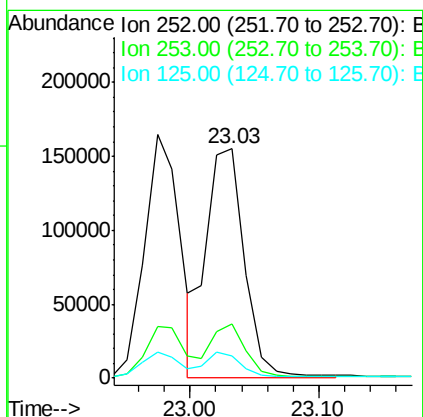
RT: 23.03 min Scan# 1364

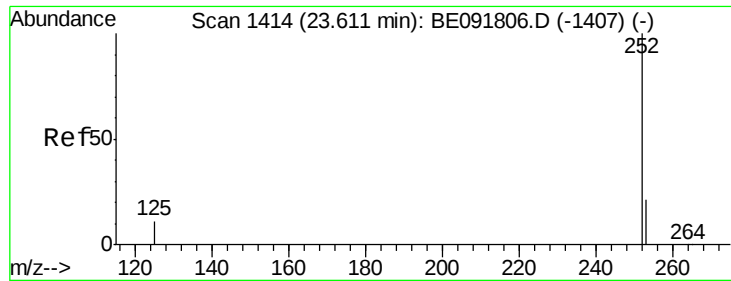
Delta R.T. -0.01 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Tgt Ion:	252	Resp:	324414
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.6	26.4
125	9.8	9.9	14.9#





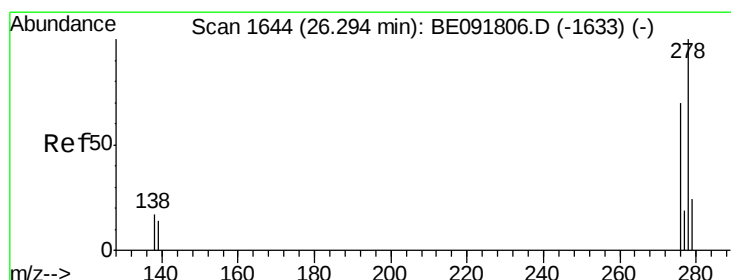
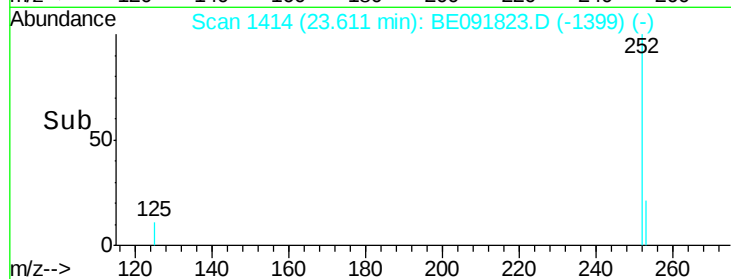
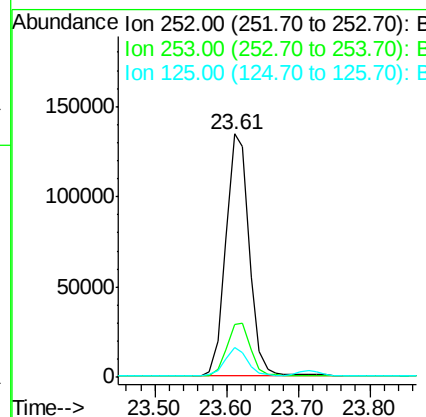
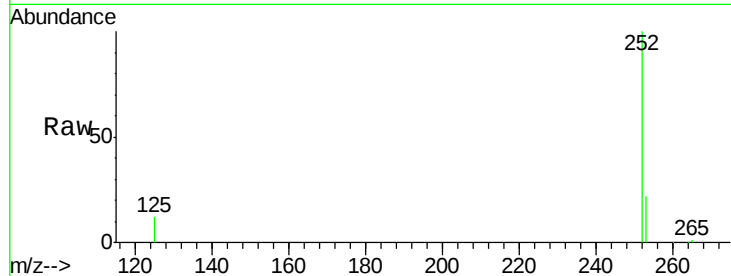
#38
Benzo(a)pyrene
Concen: 5.34 ng
RT: 23.61 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.7	18.1	27.1
125	12.1	11.0	16.4

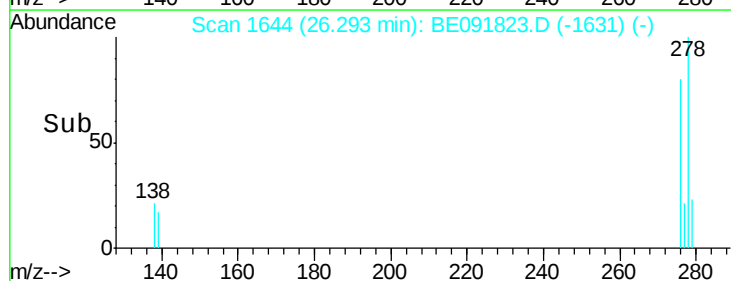
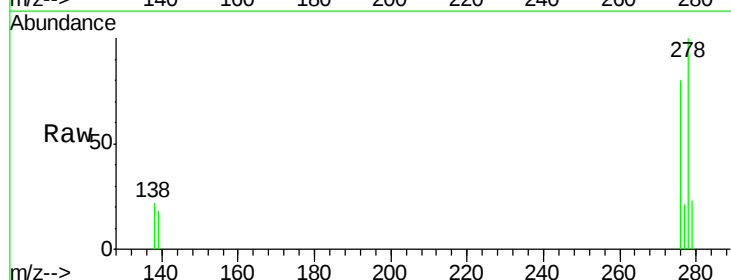
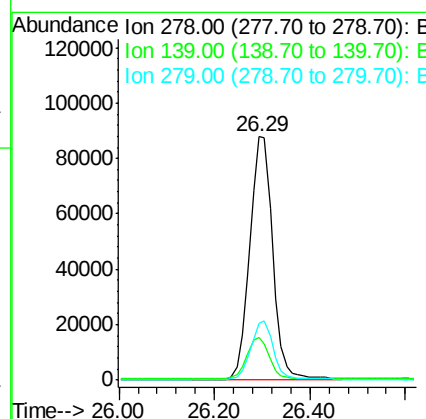
Manual Integrations
APPROVED

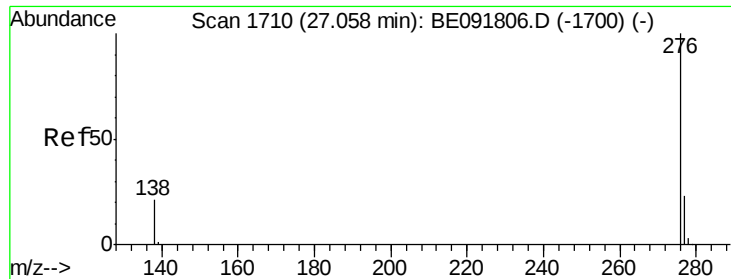
sohil
5/20/2016 7:25:23 PM



#39
Dibenzo(a,h)anthracene
Concen: 5.23 ng
RT: 26.29 min Scan# 1644
Delta R.T. -0.05 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	17.7	16.0	24.0
279	23.4	19.4	29.2





#40

Benzo(g,h,i)perylene

Concen: 5.12 ng

RT: 27.07 min Scan# 1711

Delta R.T. -0.04 min

Lab File: BE091823.D

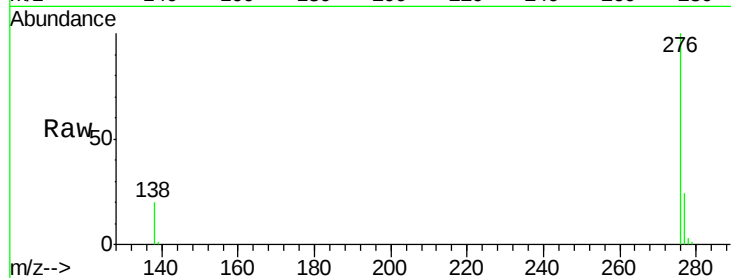
Acq: 19 May 2016 23:14

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS



Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.5	18.6	28.0
138	20.2	20.4	30.6

Manual Integrations
APPROVED

sohil
5/20/2016 7:25:23 PM

