

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004478.D
 Acq On : 29 Feb 2016 19:22
 Operator : SJ/UM
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Manual Integrations
 APPROVED

UMANGI
 3/1/2016 3:04:17 PM

Quant Time: Mar 01 00:37:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 00:23:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	18116	5.00	ng	-0.04
7) Naphthalene-d8	10.39	136	70504	5.00	ng	-0.04
13) Acenaphthene-d10	14.26	164	36223	5.00	ng	-0.03
19) Phenanthrene-d10	17.01	188	75278	5.00	ng	-0.04
26) Chrysene-d12	21.23	240	79180	5.00	ng	-0.03
35) Perylene-d12	23.46	264	67081	5.00	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3442	0.90	ng	-0.03
5) Phenol-d6	6.83	99	3918	0.85	ng	0.00
8) Nitrobenzene-d5	8.79	82	2835	0.91	ng	-0.03
14) 2,4,6-Tribromophenol	15.80	330	1121	1.05	ng	-0.02
15) 2-Fluorobiphenyl	12.90	172	8772	0.79	ng	-0.03
29) Terphenyl-d14	19.67	244	7800	0.77	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	1478	0.74	ng	# 95
3) n-Nitrosodimethylamine	3.43	42	1398	0.86	ng	# 98
6) bis(2-Chloroethyl)ether	7.04	93	4019	0.94	ng	99
9) Nitrobenzene	8.83	77	3782	1.05	ng	99
10) Naphthalene	10.44	128	16289	0.98	ng	100
11) Hexachlorobutadiene	10.73	225	2623	1.02	ng	99
12) 2-Methylnaphthalene	12.07	142	9724	0.90	ng	93
16) Acenaphthylene	13.98	152	15613	0.98	ng	99
17) Acenaphthene	14.33	154	10614	0.89	ng	99
18) Fluorene	15.33	166	13250	0.91	ng	98
20) 4-Bromophenyl-phenylether	16.22	248	3188	1.28	ng	# 92
21) Hexachlorobenzene	16.35	284	3826	1.46	ng	# 100
22) Pentachlorophenol	16.73	266	621m	0.95	ng	
23) Phenanthrene	17.07	178	20841	1.27	ng	99
24) Anthracene	17.17	178	16553	0.95	ng	96
25) Fluoranthene	19.11	202	22641	1.10	ng	100
27) Benzidine	19.31	184	5296	1.34	ng	93
28) Pyrene	19.47	202	24106	1.06	ng	100
30) Benzo(a)anthracene	21.21	228	23362m	0.96	ng	
31) 3,3'-Dichlorobenzidine	21.17	252	12374	2.15	ng	95
32) Chrysene	21.27	228	30228m	1.36	ng	
33) Bis(2-ethylhexyl)phthalate	21.13	149	18573	1.84	ng	# 97
34) Indeno(1,2,3-cd)pyrene	25.70	276	20702	0.89	ng	100
36) Benzo(b)fluoranthene	22.79	252	18840	0.89	ng	98
37) Benzo(k)fluoranthene	22.83	252	20874	1.09	ng	99
38) Benzo(a)pyrene	23.37	252	18978	1.02	ng	97
39) Dibenzo(a,h)anthracene	25.71	278	16262	0.98	ng	99
40) Benzo(g,h,i)perylene	26.39	276	17811	0.98	ng	99

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

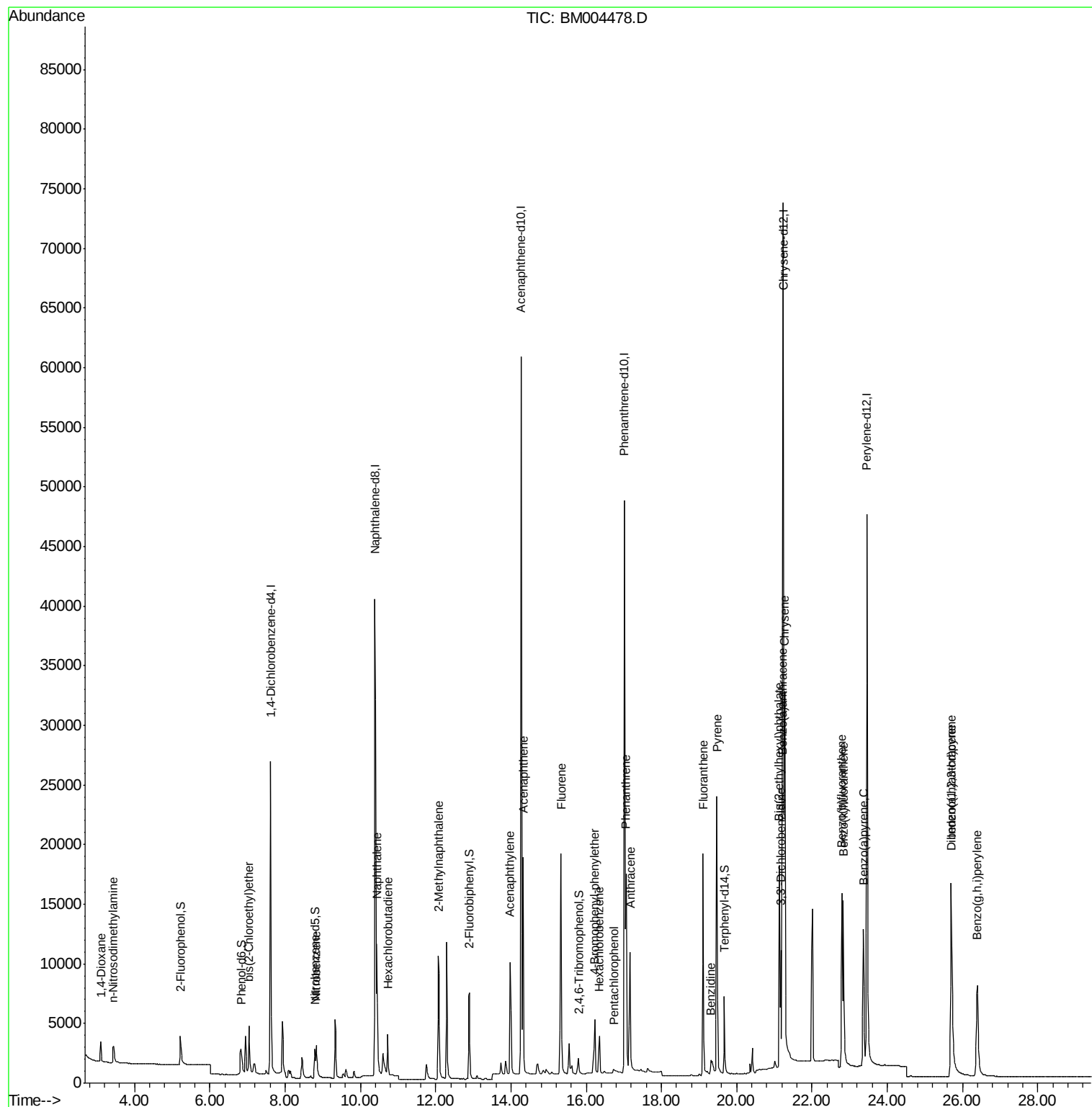
Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
Data File : BM004478.D
Acq On : 29 Feb 2016 19:22
Operator : SJ/UM
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

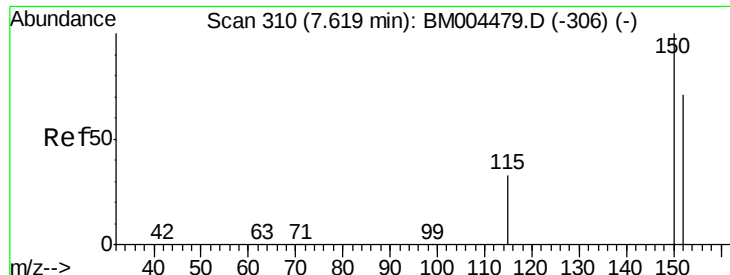
Instrument :
BNA_M
ClientSampleID :
SSTDICC0.8

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM

Quant Time: Mar 01 00:37:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 00:23:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 310

Delta R.T. -0.04 min

Lab File: BM004478.D

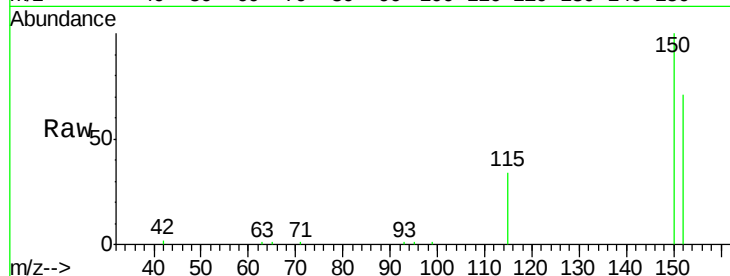
Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8



Tgt Ion:152 Resp: 18116

Ion Ratio Lower Upper

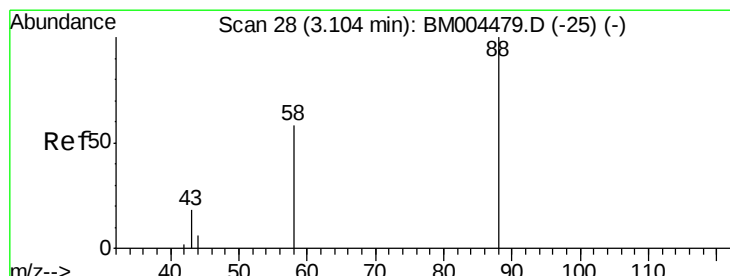
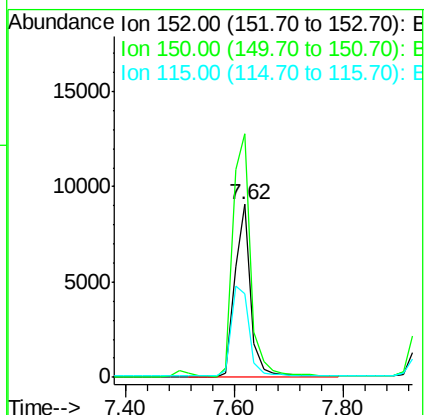
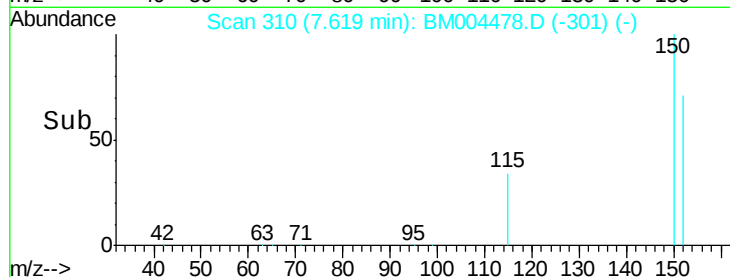
152 100

150 140.8 111.9 167.9

115 48.0 37.7 56.5

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



#2

1,4-Dioxane

Concen: 0.74 ng

RT: 3.10 min Scan# 28

Delta R.T. -0.05 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

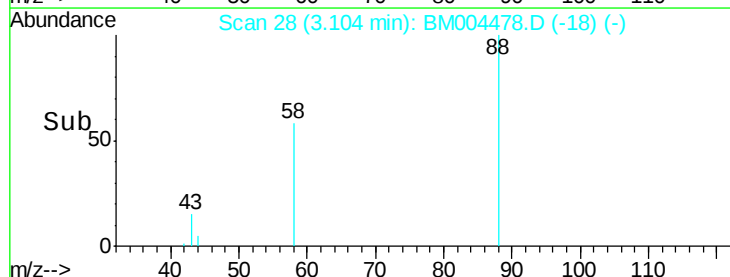
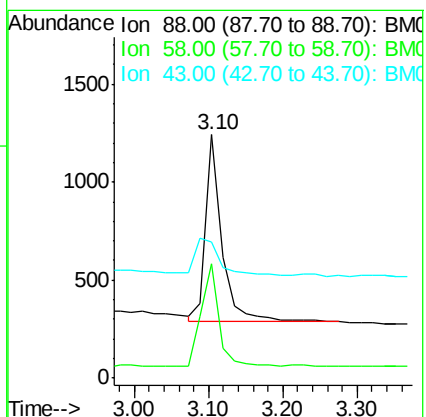
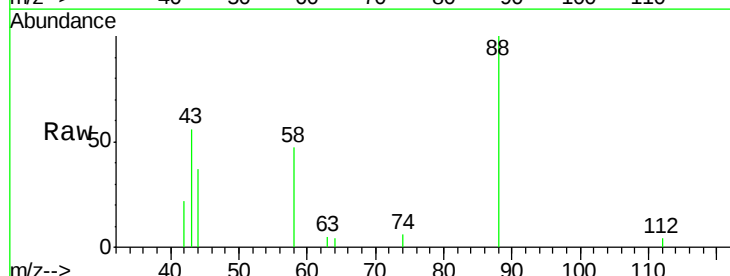
Tgt Ion: 88 Resp: 1478

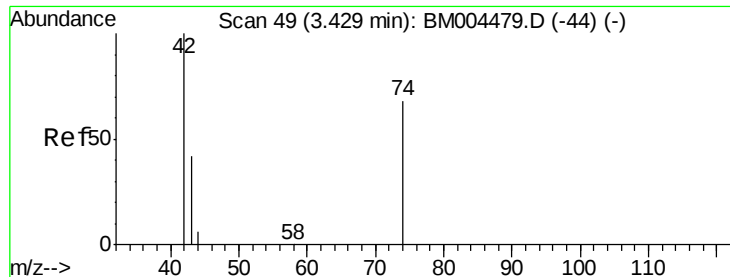
Ion Ratio Lower Upper

88 100

58 57.8 45.4 68.0

43 30.3 19.3 28.9#





#3

n-Nitrosodimethylamine

Concen: 0.86 ng

RT: 3.43 min Scan# 49

Delta R.T. -0.05 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

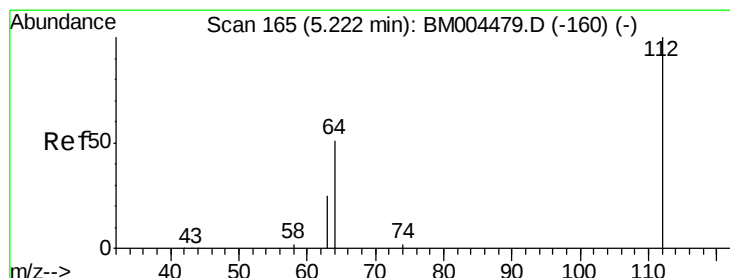
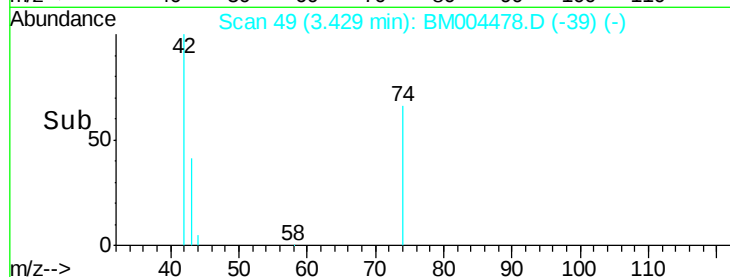
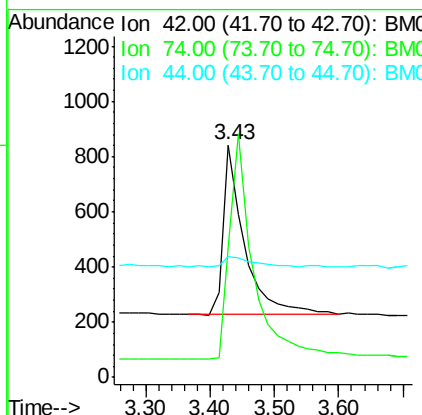
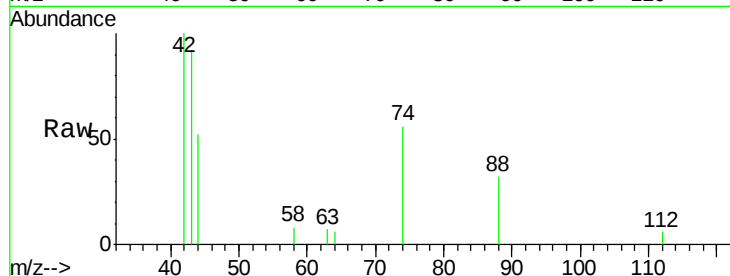
ClientSampleId :

SSTDIC0.8

Tgt Ion:	42	Resp:	1398
Ion	Ratio	Lower	Upper
42	100		
74	150.1	117.8	176.8
44	5.9	6.1	9.1#

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



#4

2-Fluorophenol

Concen: 0.90 ng

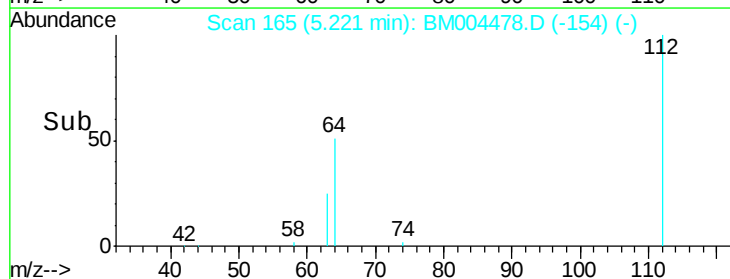
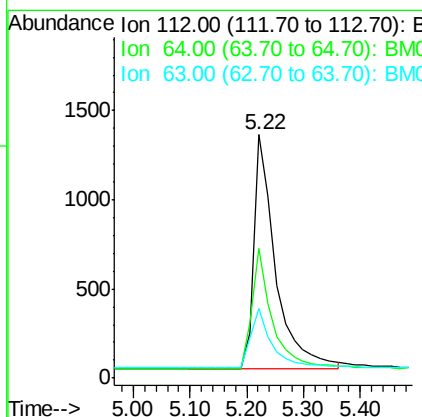
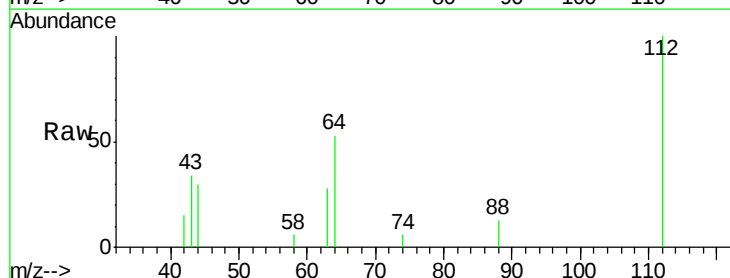
RT: 5.22 min Scan# 165

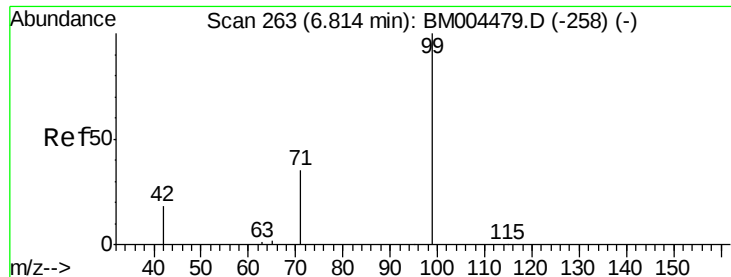
Delta R.T. -0.03 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Tgt Ion:	112	Resp:	3442
Ion	Ratio	Lower	Upper
112	100		
64	48.6	39.6	59.4
63	24.8	20.0	30.0





#5

Phenol-d6

Concen: 0.85 ng

RT: 6.83 min Scan# 264

Delta R.T. -0.01 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

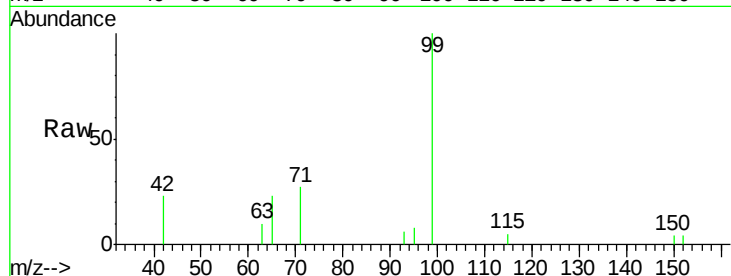
ClientSampleId :

SSTDICC0.8

Tgt Ion:	99	Resp:	3918
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.2	18.2
71	29.7	23.4	35.2

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



Abundance Ion 99.00 (98.70 to 99.70): BM004478.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM004478.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM004478.D (-253) (-)

6.83

1500

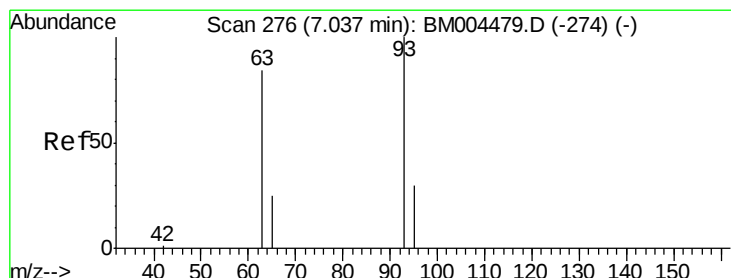
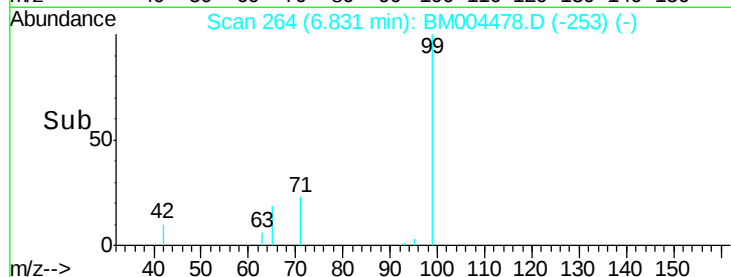
1000

500

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.94 ng

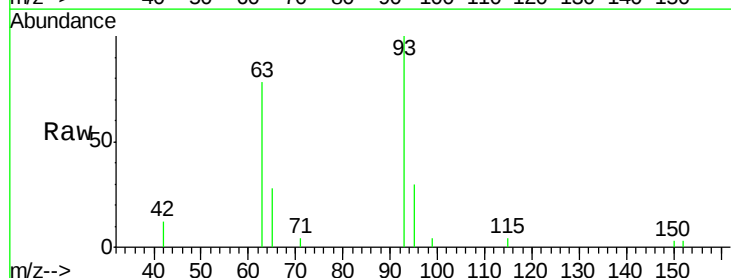
RT: 7.04 min Scan# 276

Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Tgt Ion:	93	Resp:	4019
Ion	Ratio	Lower	Upper
93	100		
63	63.6	51.7	77.5
95	32.1	25.4	38.2



Abundance Ion 93.00 (92.70 to 93.70): BM004478.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BM004478.D (-267) (-)

Ion 95.00 (94.70 to 95.70): BM004478.D (-267) (-)

7.04

3000

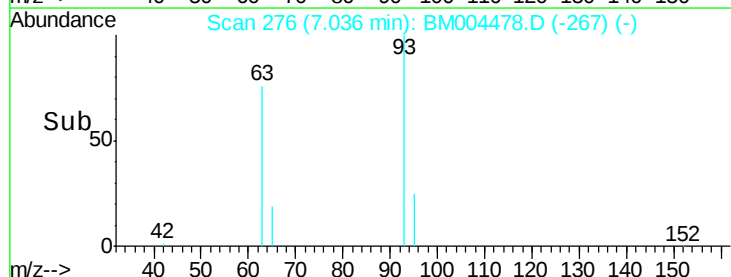
2000

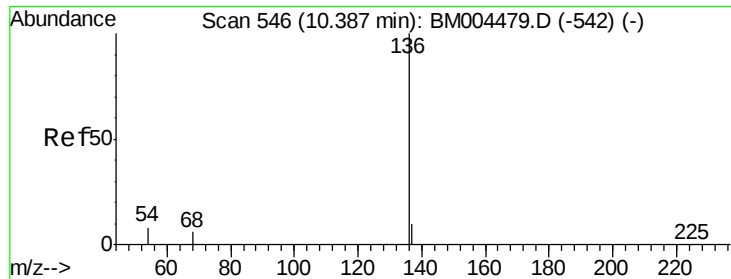
1000

0

7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 546

Delta R.T. -0.04 min

Lab File: BM004478.D

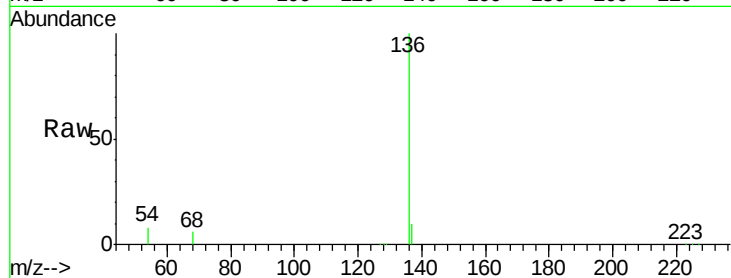
Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

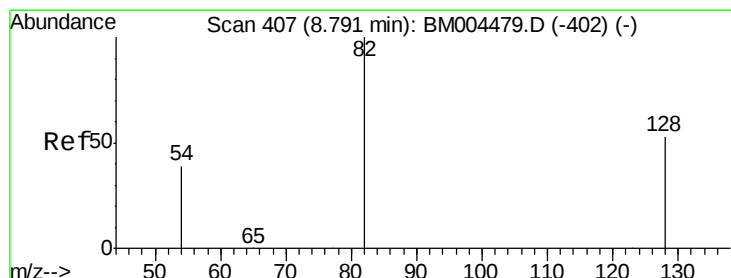
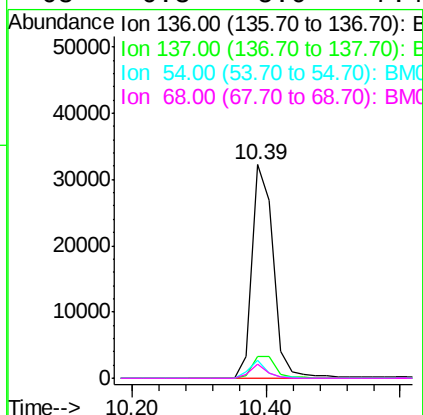
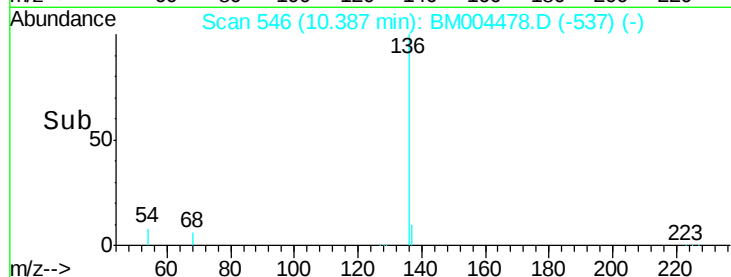
SSTDIC0.8



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	70504		
137	10.1		8.2	12.2
54	8.3		6.4	9.6
68	6.3		5.0	7.4

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



#8

Nitrobenzene-d5

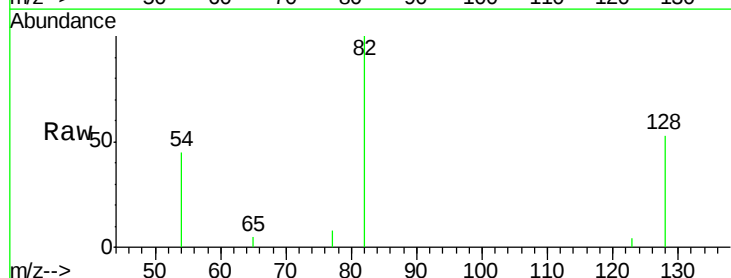
Concen: 0.91 ng

RT: 8.79 min Scan# 407

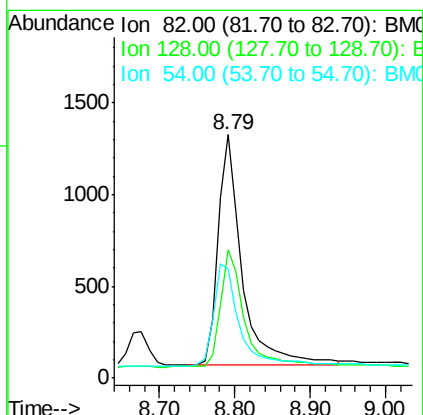
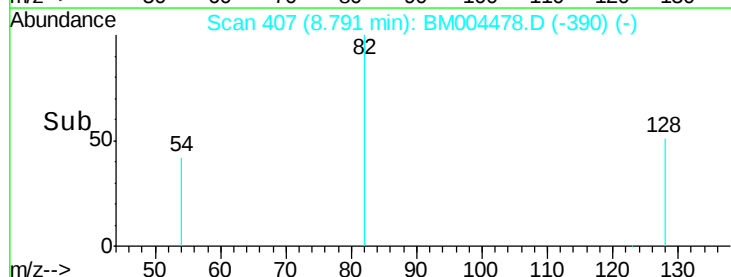
Delta R.T. -0.03 min

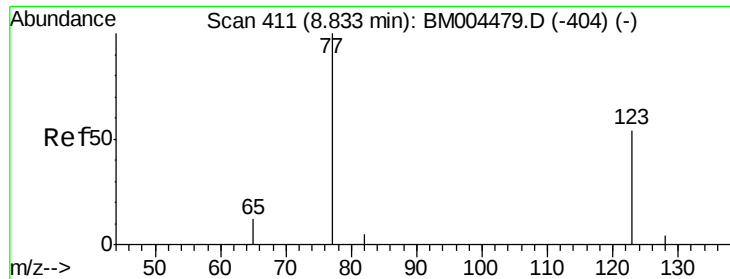
Lab File: BM004478.D

Acq: 29 Feb 2016 19:22



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	2835		
128	52.7		43.7	65.5
54	44.8		33.5	50.3





#9

Nitrobenzene

Concen: 1.05 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.03 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

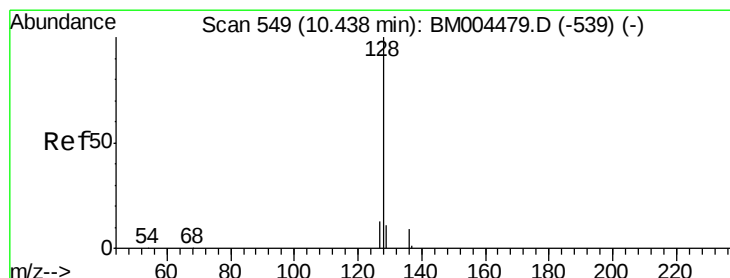
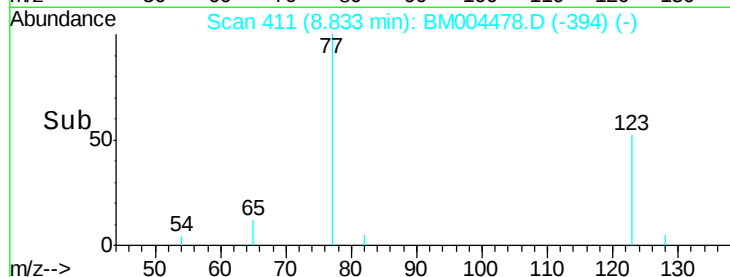
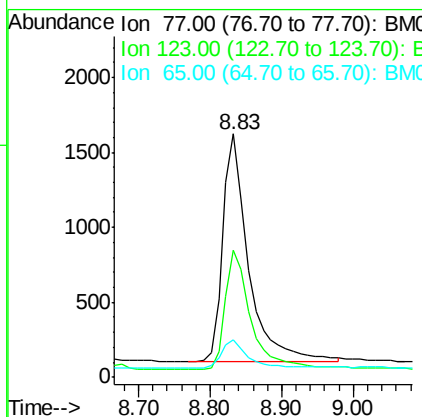
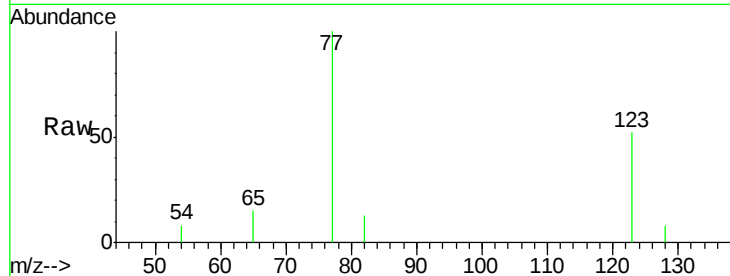
ClientSampleId :

SSTDIC0.8

Tgt Ion:	77	Resp:	3782
Ion	Ratio	Lower	Upper
77	100		
123	53.2	42.2	63.2
65	12.5	10.0	15.0

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



#10

Naphthalene

Concen: 0.98 ng

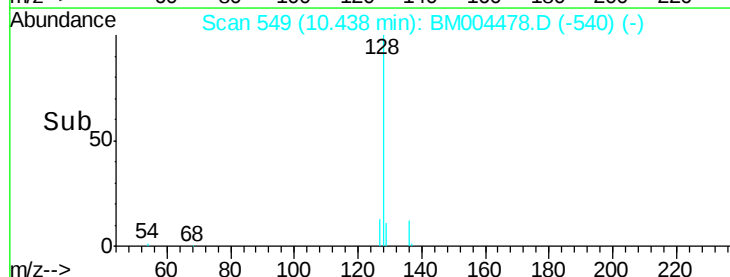
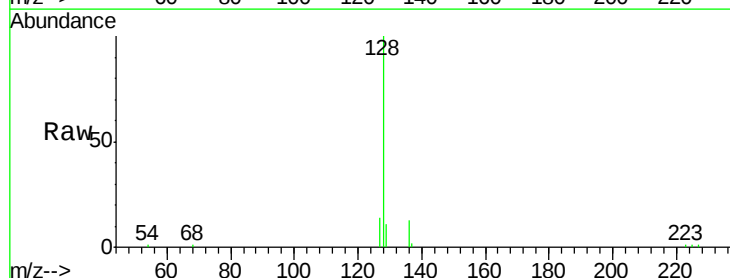
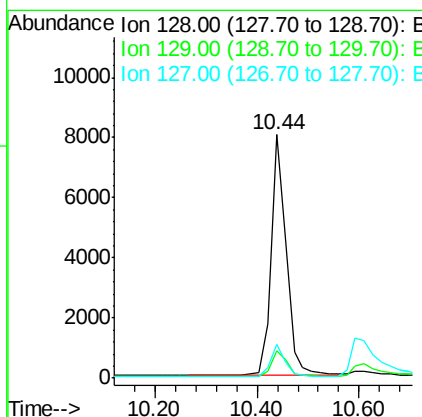
RT: 10.44 min Scan# 549

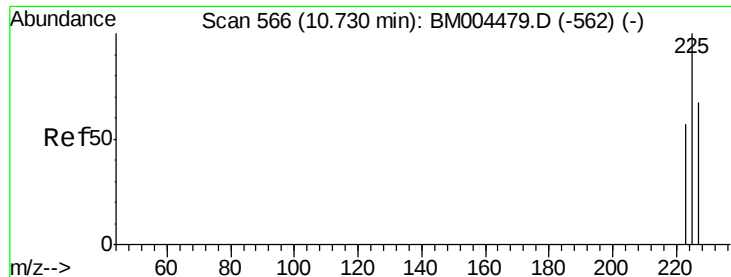
Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Tgt Ion:	128	Resp:	16289
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.7	10.9	16.3





#11

Hexachlorobutadiene

Concen: 1.02 ng

RT: 10.73 min Scan# 566

Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

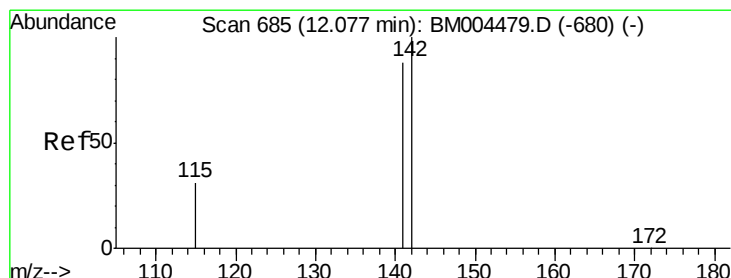
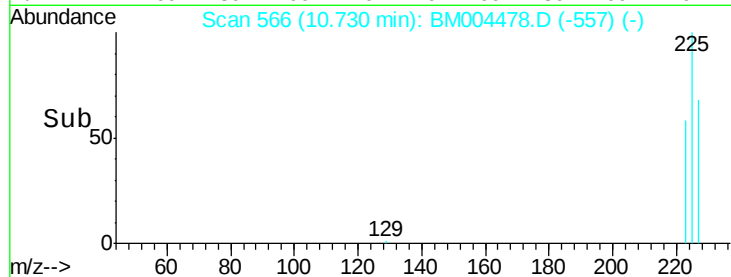
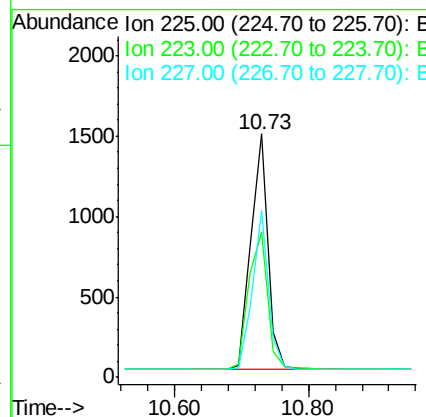
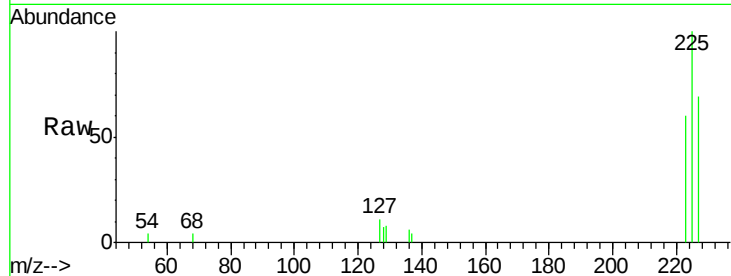
ClientSampleId :

SSTDIC0.8

Tgt Ion:	225	Resp:	2623
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.2	75.4
227	63.5	50.6	75.8

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



#12

2-Methylnaphthalene

Concen: 0.90 ng

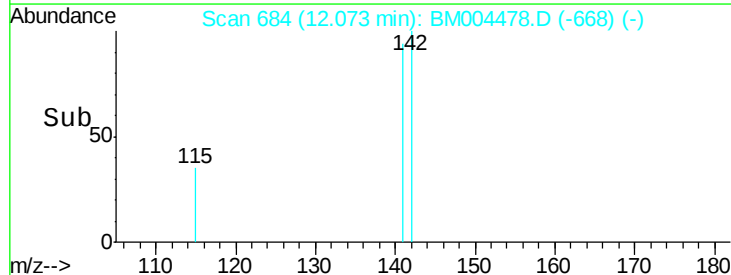
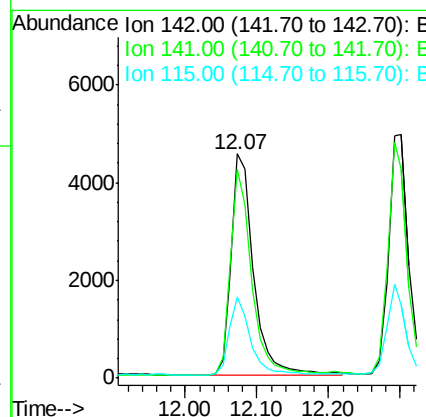
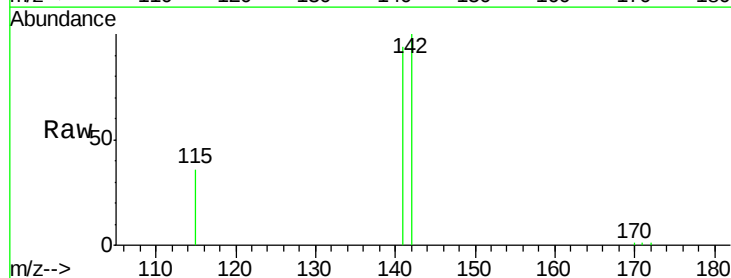
RT: 12.07 min Scan# 684

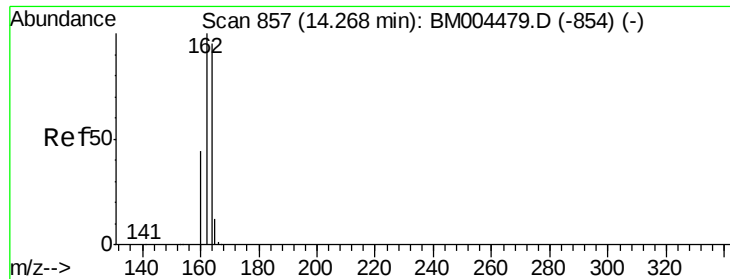
Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Tgt Ion:	142	Resp:	9724
Ion Ratio	Lower	Upper	
142	100		
141	93.7	70.2	105.2
115	36.4	25.8	38.6





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 856

Delta R.T. -0.03 min

Lab File: BM004478.D

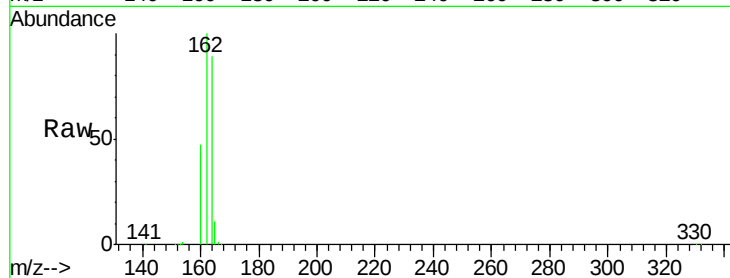
Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8



Tgt Ion:164 Resp: 36223

Ion Ratio Lower Upper

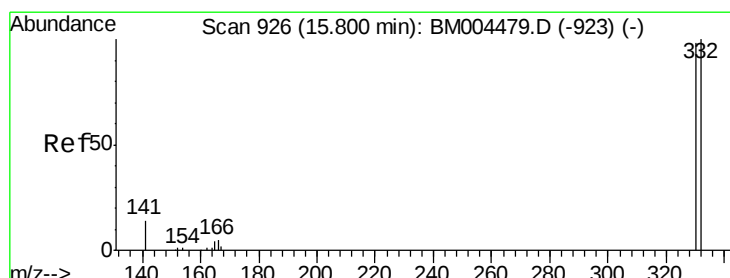
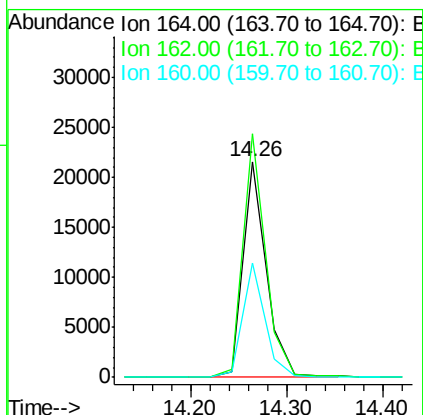
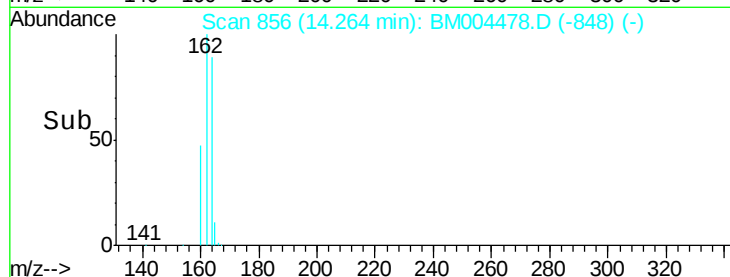
164 100

162 112.7 84.2 126.4

160 53.1 37.4 56.2

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



#14

2,4,6-Tribromophenol

Concen: 1.05 ng

RT: 15.80 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

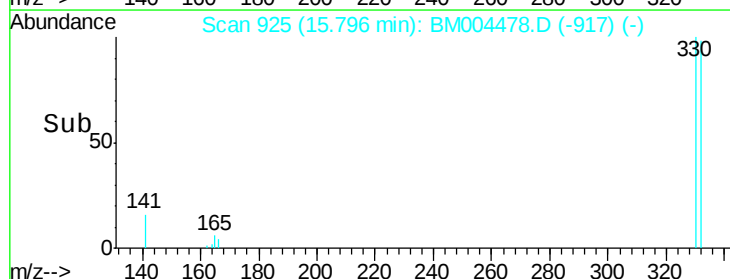
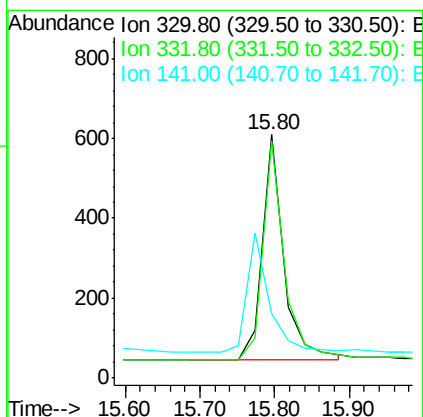
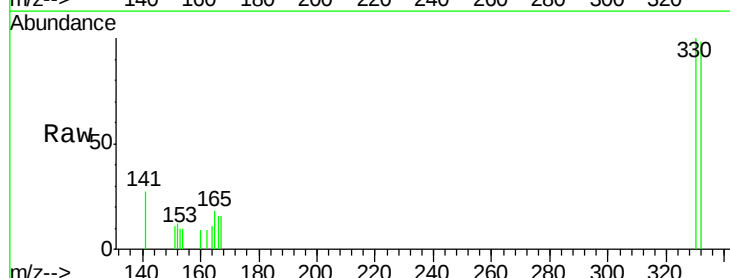
Tgt Ion:330 Resp: 1121

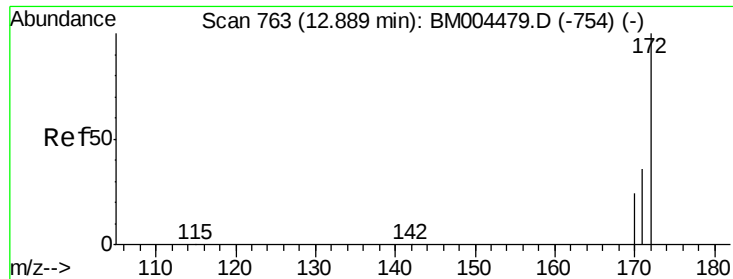
Ion Ratio Lower Upper

330 100

332 97.0 76.1 114.1

141 0.0 0.0 0.0





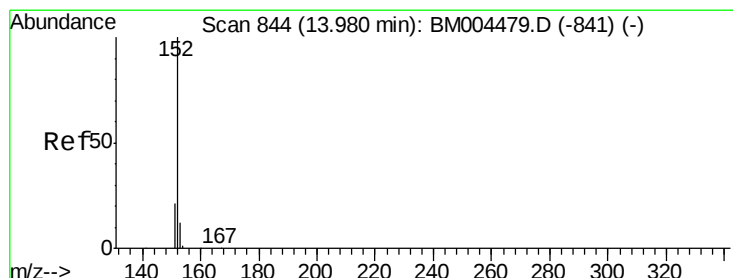
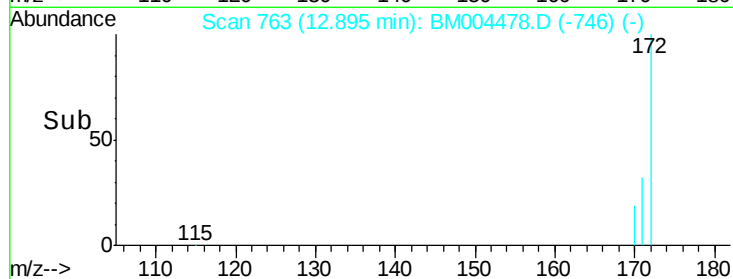
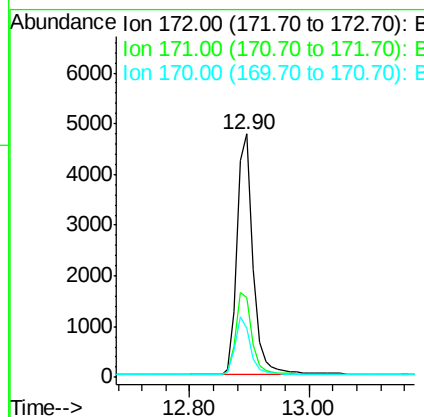
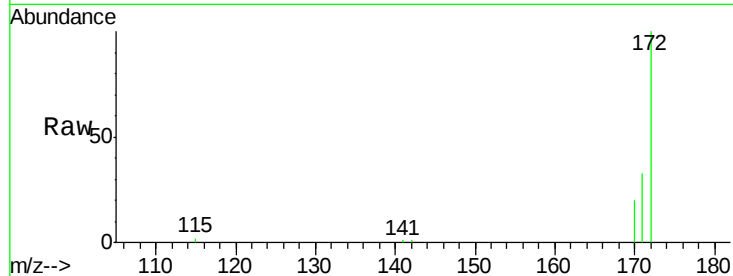
#15
2-Fluorobiphenyl
Concen: 0.79 ng
RT: 12.90 min Scan# 763
Delta R.T. -0.03 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.2	43.8
170	20.3	19.7	29.5

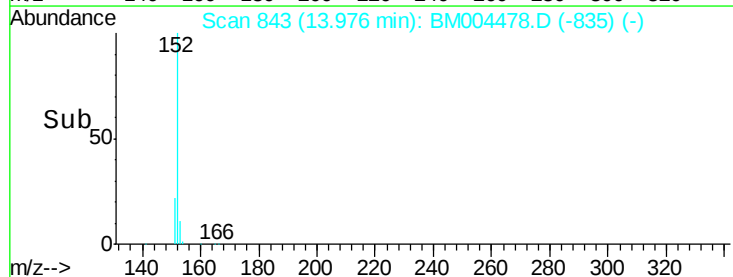
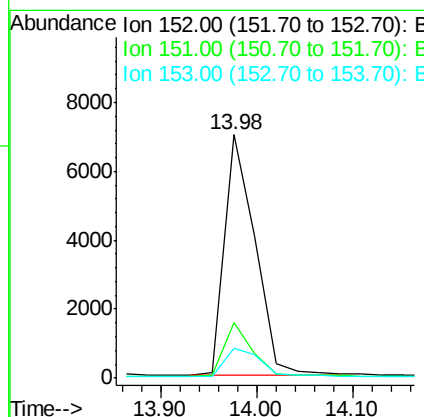
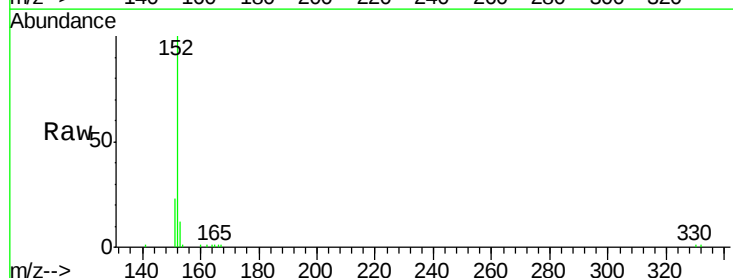
Manual Integrations
APPROVED

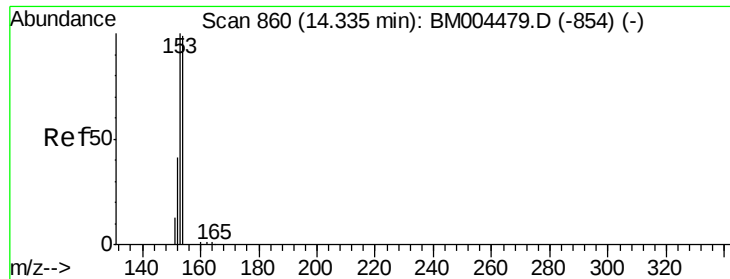
UMANGI
3/1/2016 3:04:17 PM



#16
Acenaphthylene
Concen: 0.98 ng
RT: 13.98 min Scan# 843
Delta R.T. -0.03 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	12.7	10.2	15.4





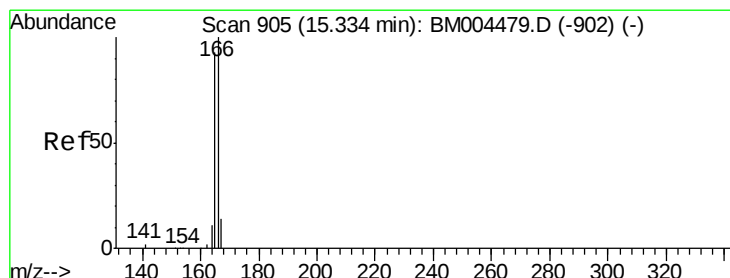
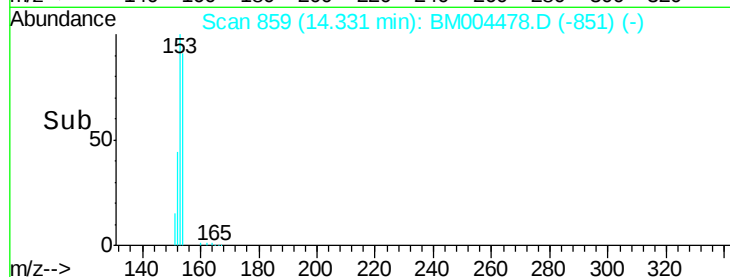
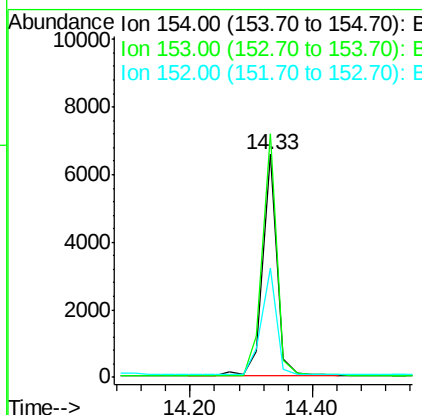
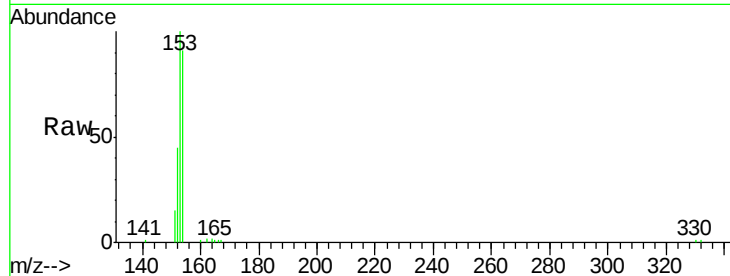
#17
Acenaphthene
Concen: 0.89 ng
RT: 14.33 min Scan# 859
Delta R.T. -0.03 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	88.0	132.0
152	51.6	41.1	61.7

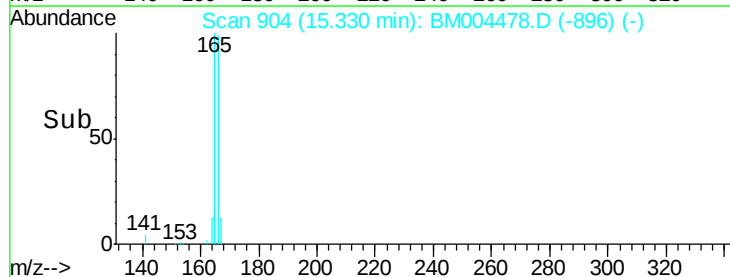
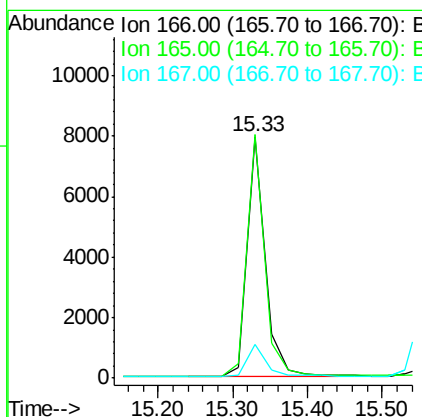
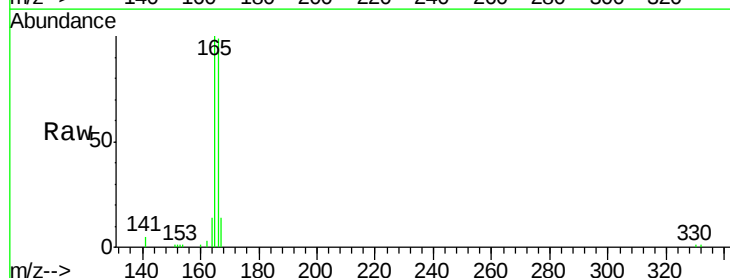
Manual Integrations
APPROVED

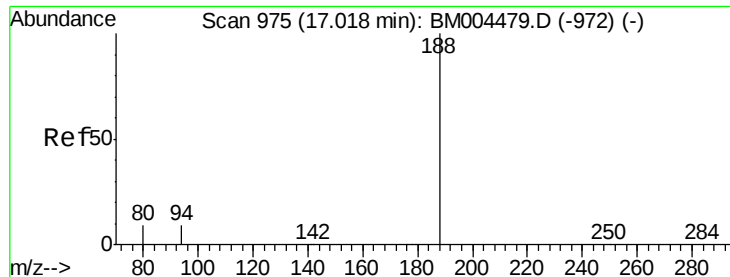
UMANGI
3/1/2016 3:04:17 PM



#18
Fluorene
Concen: 0.91 ng
RT: 15.33 min Scan# 904
Delta R.T. -0.03 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.2	115.8
167	13.3	10.9	16.3





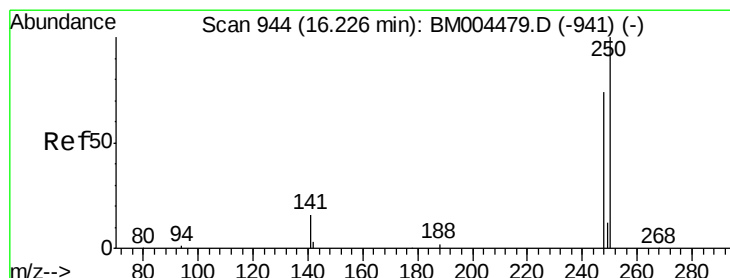
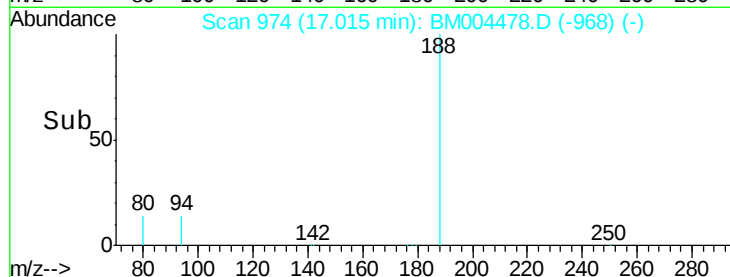
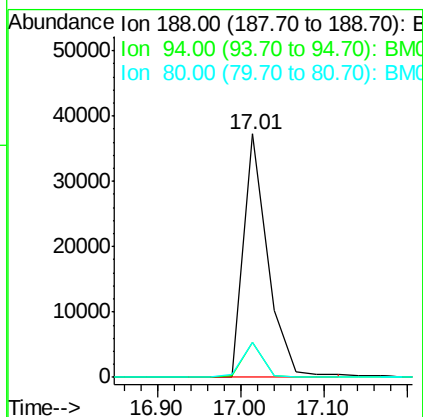
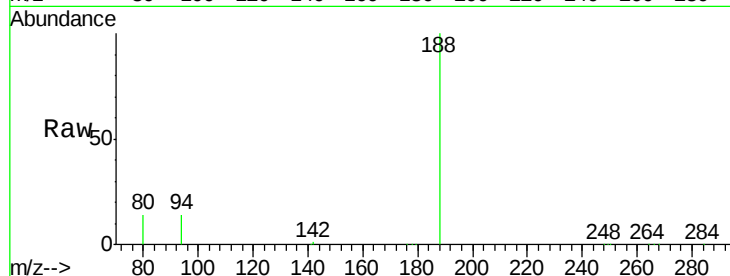
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 974
Delta R.T. -0.04 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	14.3	7.4	11.0#
80	14.3	6.9	10.3#

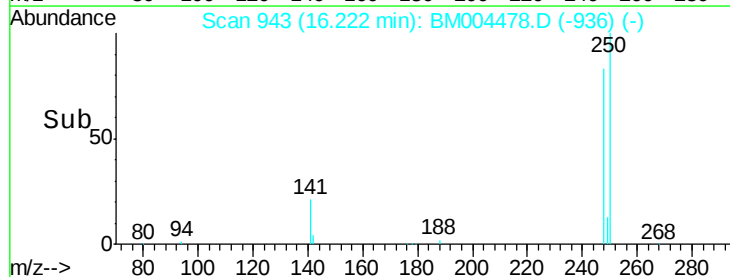
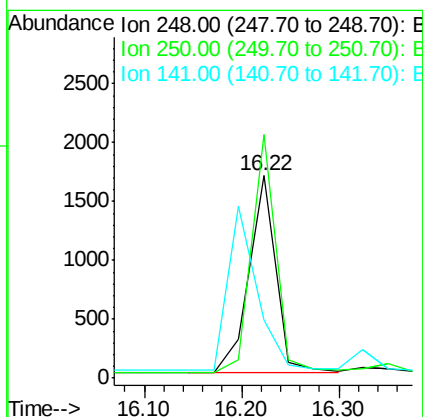
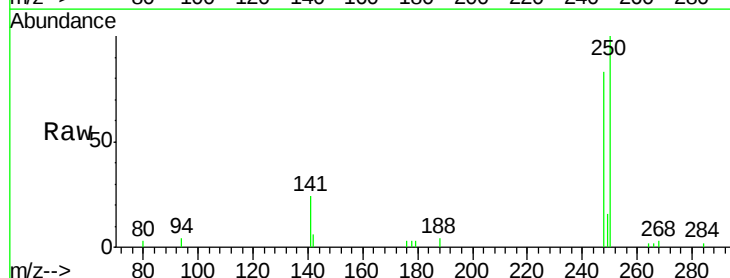
Manual Integrations
APPROVED

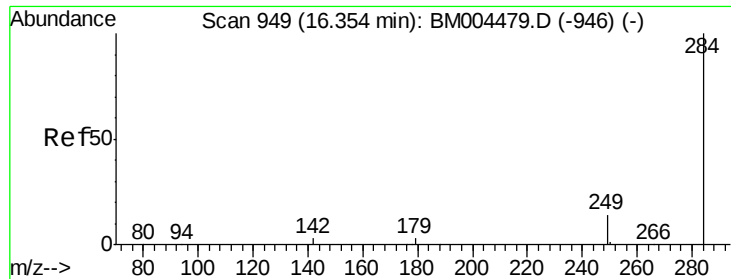
UMANGI
3/1/2016 3:04:17 PM



#20
4-Bromophenyl-phenylether
Concen: 1.28 ng
RT: 16.22 min Scan# 943
Delta R.T. -0.02 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	109.7	81.5	122.3
141	0.0	0.0	0.0





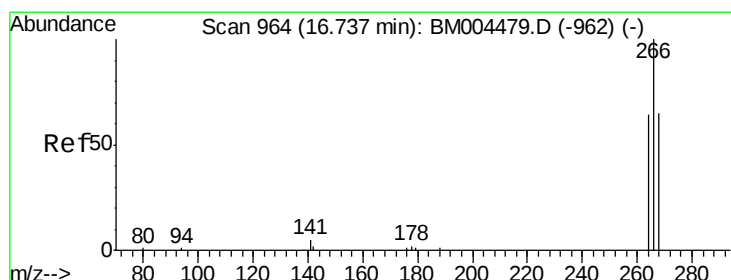
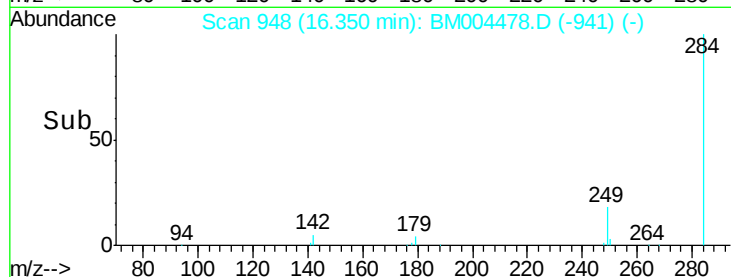
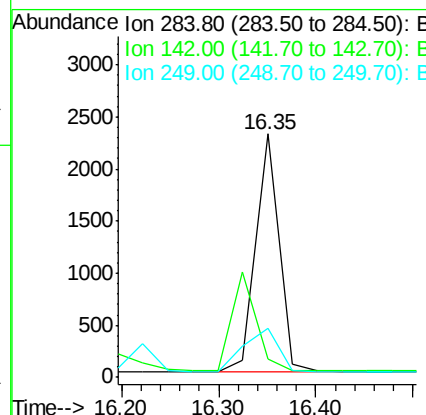
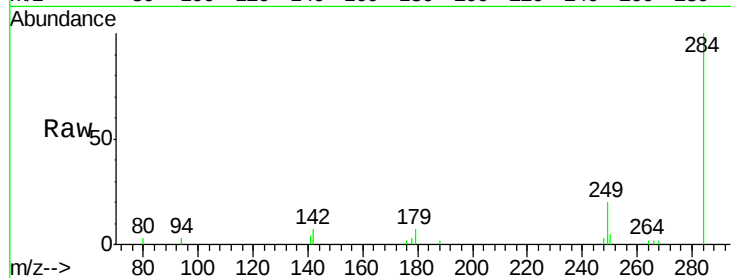
#21
Hexachlorobenzene
Concen: 1.46 ng
RT: 16.35 min Scan# 948
Delta R.T. -0.02 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	0.0	0.0	0.0
249	27.2	0.0	0.0#

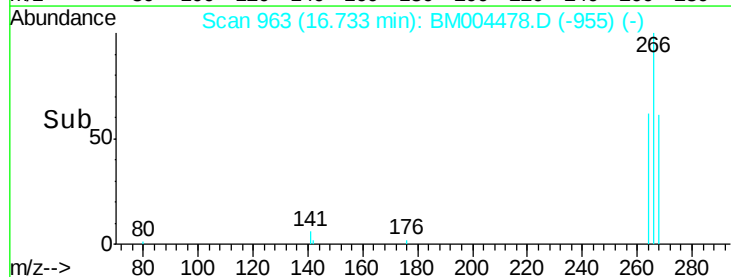
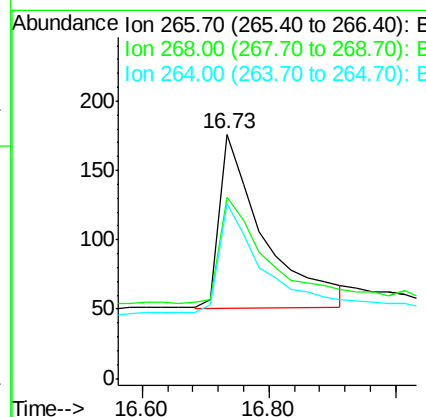
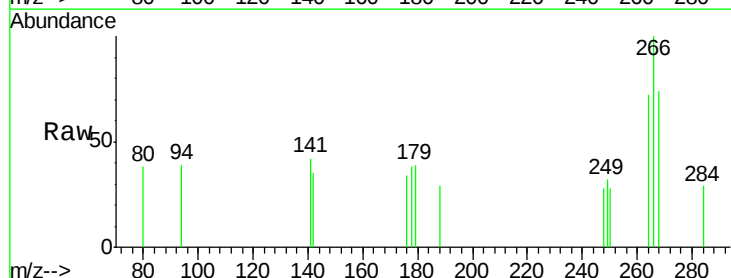
Manual Integrations
APPROVED

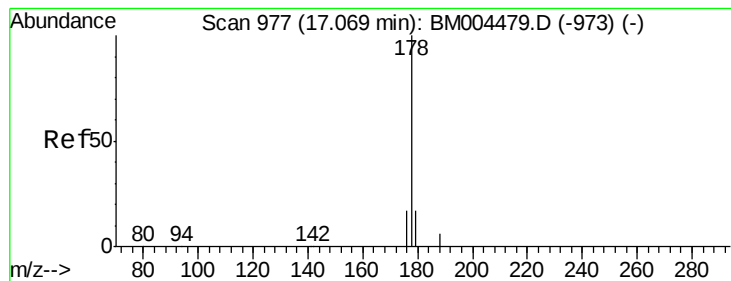
UMANGI
3/1/2016 3:04:17 PM



#22
Pentachlorophenol
Concen: 0.95 ng m
RT: 16.73 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	74.4	60.7	91.1
264	71.6	57.1	85.7





#23

Phenanthrene

Concen: 1.27 ng

RT: 17.07 min Scan# 976

Delta R.T. -0.02 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

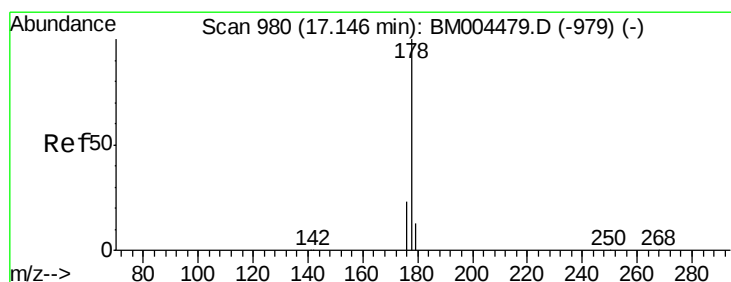
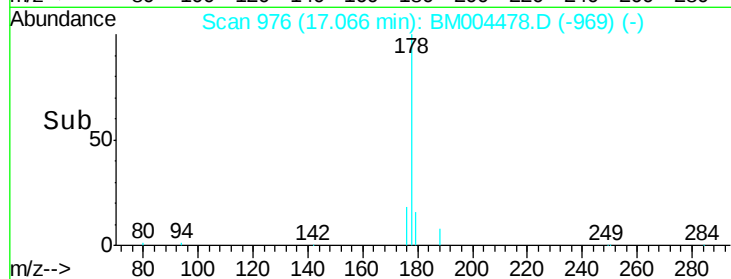
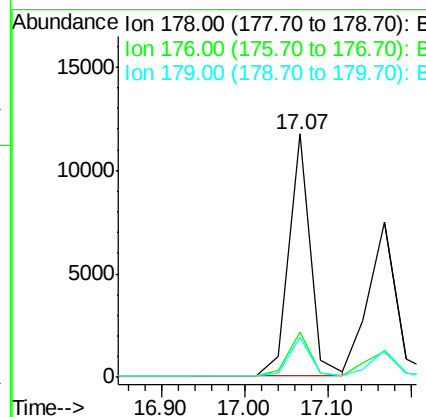
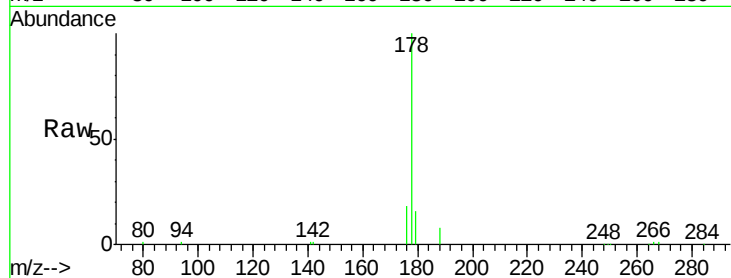
ClientSampleId :

SSTDICC0.8

Tgt Ion:	178	Resp:	20841
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.7	22.1
179	15.8	12.9	19.3

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



#24

Anthracene

Concen: 0.95 ng

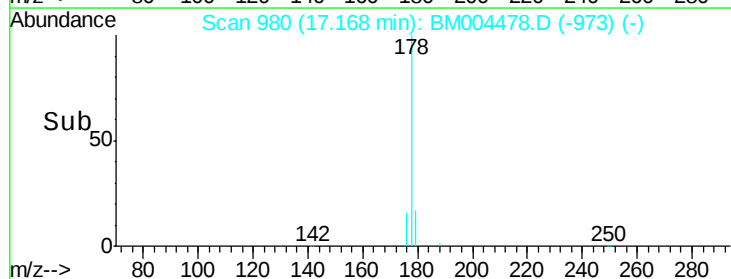
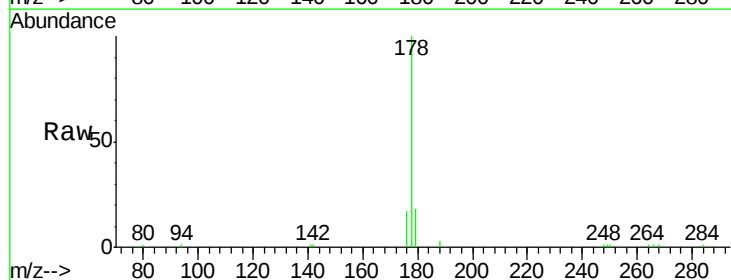
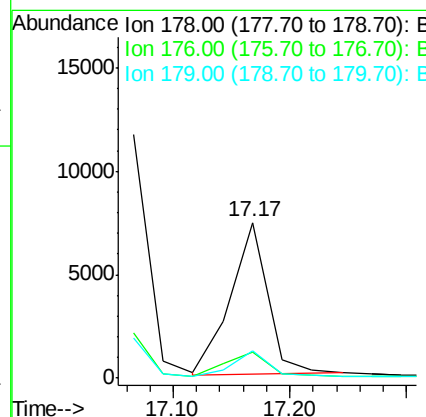
RT: 17.17 min Scan# 980

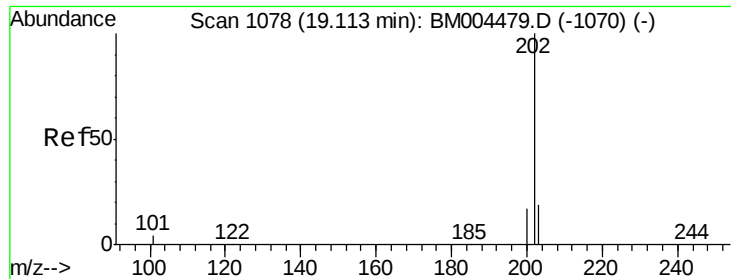
Delta R.T. -0.01 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Tgt Ion:	178	Resp:	16553
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.9	23.9
179	15.7	13.9	20.9





#25

Fluoranthene

Concen: 1.10 ng

RT: 19.11 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

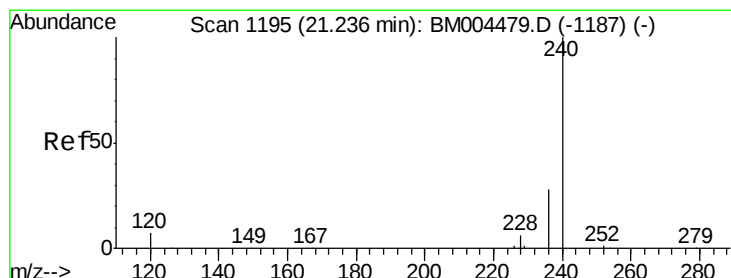
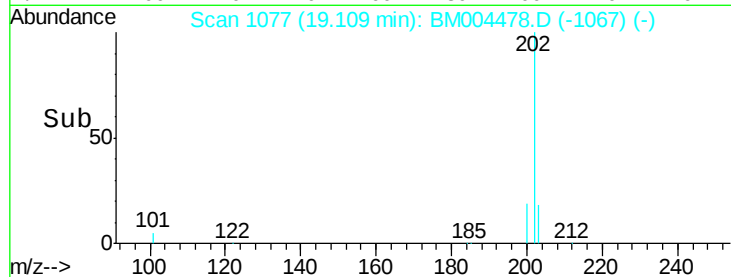
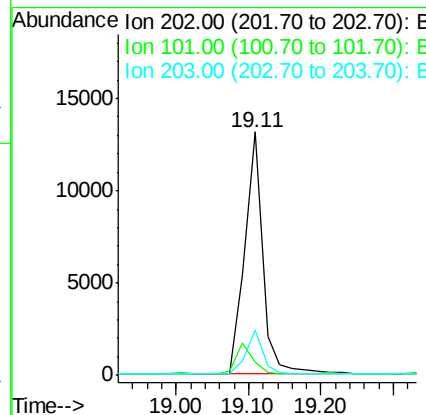
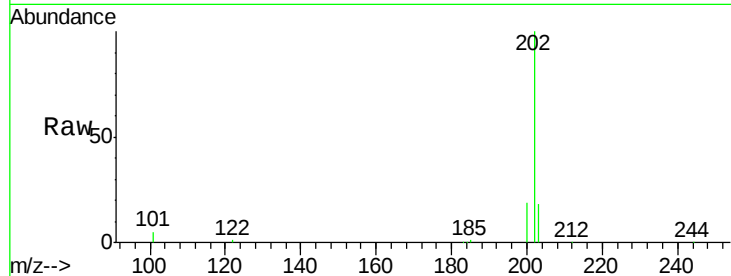
ClientSampleId :

SSTDICC0.8

Tgt Ion:	202	Resp:	22641
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.4	14.2
203	17.3	13.9	20.9

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



#26

Chrysene-d12

Concen: 5.00 ng

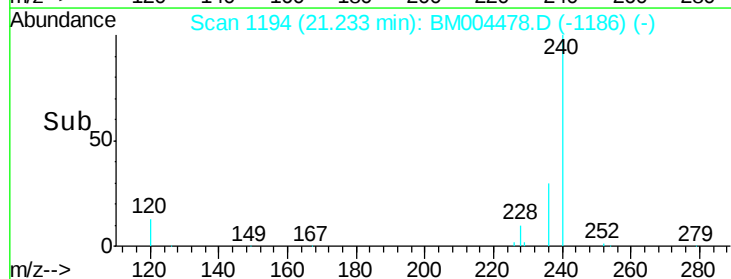
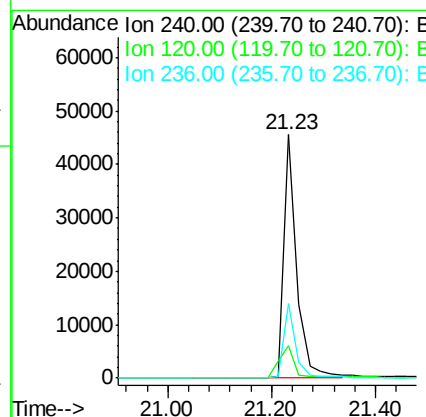
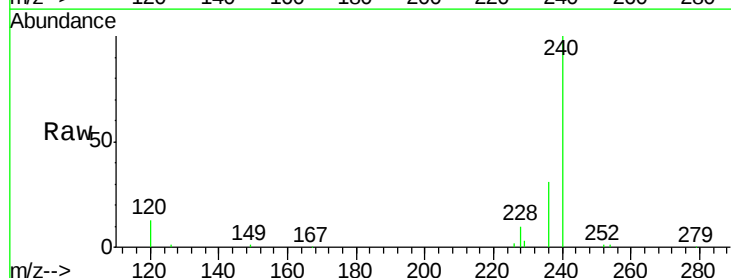
RT: 21.23 min Scan# 1194

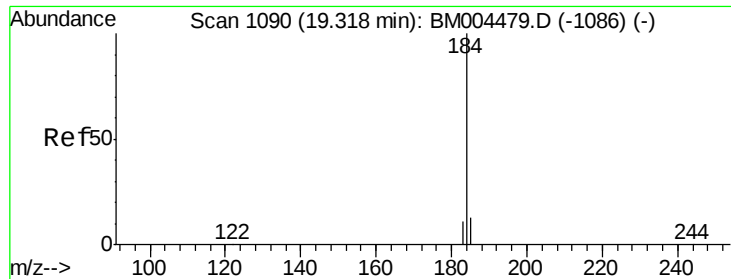
Delta R.T. -0.03 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Tgt Ion:	240	Resp:	79180
Ion Ratio	Lower	Upper	
240	100		
120	13.3	6.1	9.1#
236	30.6	22.6	34.0





#27

Benzidine

Concen: 1.34 ng

RT: 19.31 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

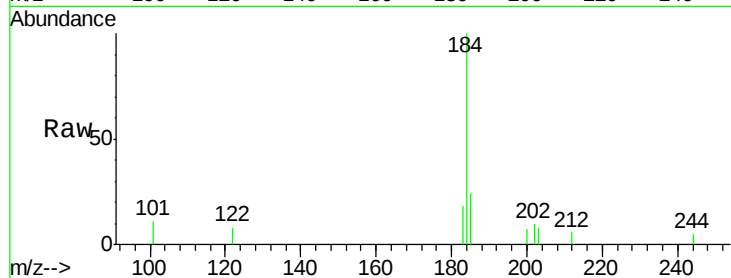
ClientSampleId :

SSTDIC0.8

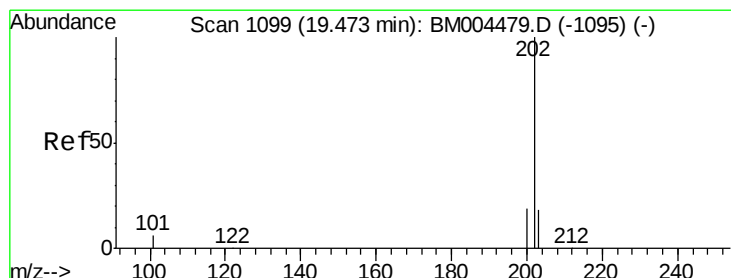
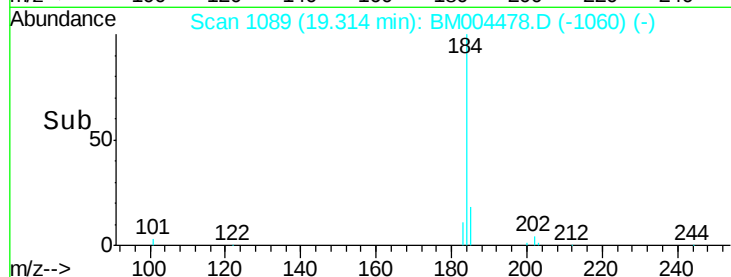
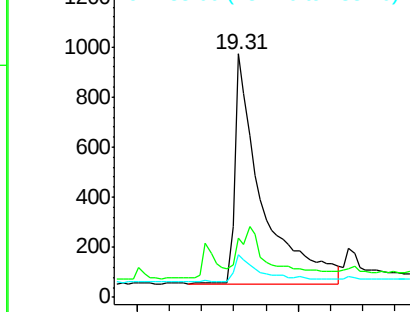
Tgt Ion:	184	Resp:	5296
Ion Ratio	Lower	Upper	
184	100		
185	24.2	16.6	24.8
183	17.7	12.3	18.5

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 1.06 ng

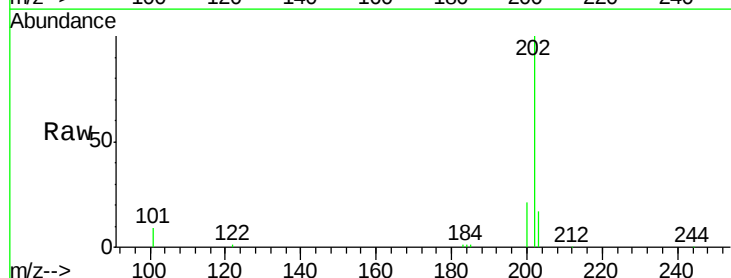
RT: 19.47 min Scan# 1098

Delta R.T. -0.02 min

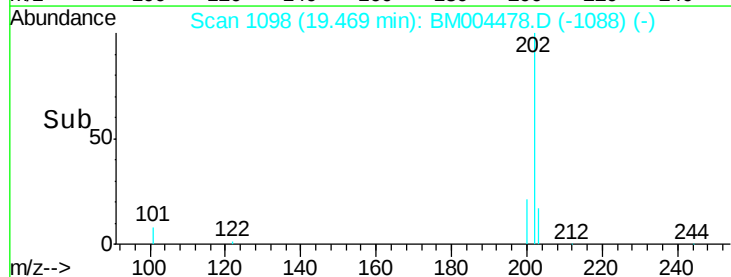
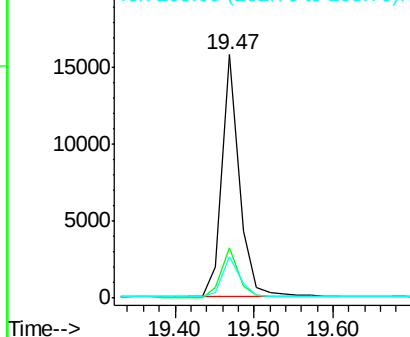
Lab File: BM004478.D

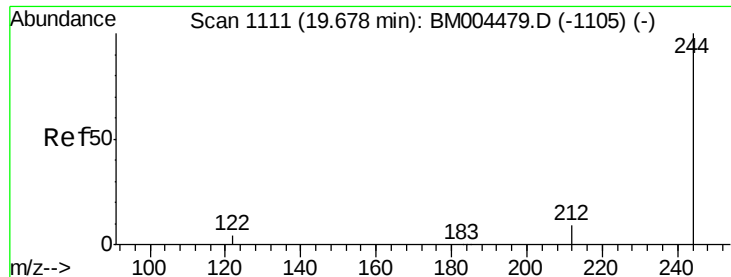
Acq: 29 Feb 2016 19:22

Tgt Ion:	202	Resp:	24106
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	24.8
203	17.4	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.77 ng

RT: 19.67 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BM004478.D

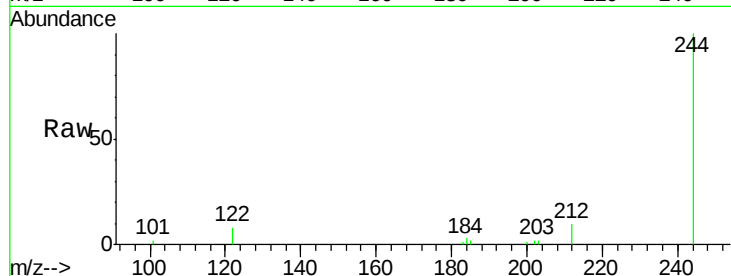
Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

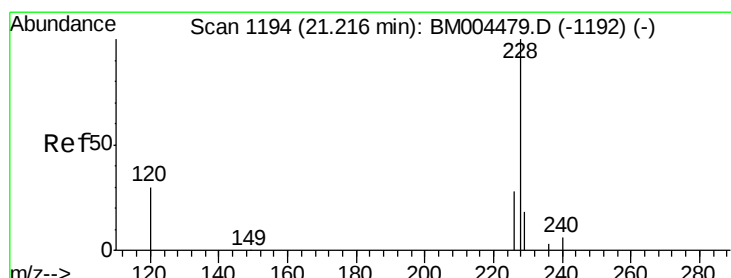
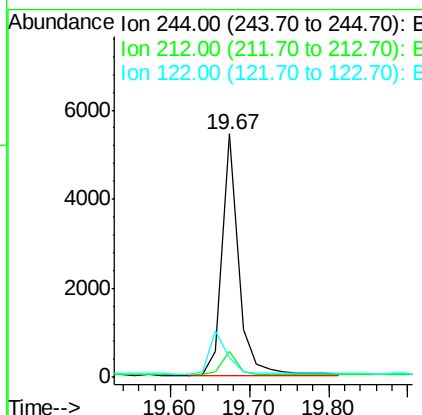
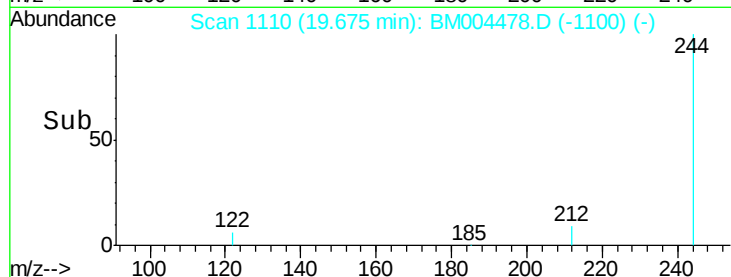
SSTDIC0.8



Tgt Ion:	244	Resp:	7800
Ion Ratio	Lower	Upper	
244	100		
212	10.4	7.5	11.3
122	8.0	4.2	6.2

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



#30

Benzo(a)anthracene

Concen: 0.96 ng m

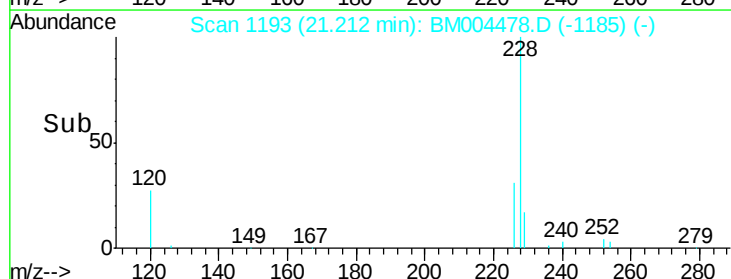
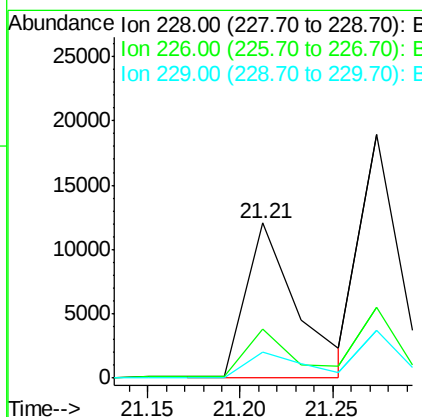
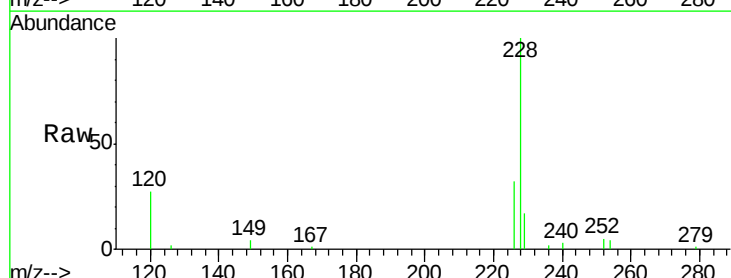
RT: 21.21 min Scan# 1193

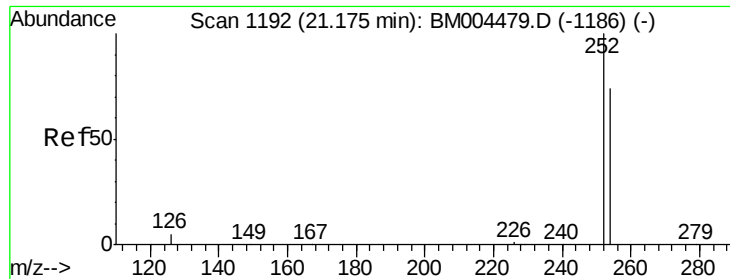
Delta R.T. -0.03 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Tgt Ion:	228	Resp:	23362
Ion Ratio	Lower	Upper	
228	100		
226	31.6	22.8	34.2
229	17.1	14.6	22.0





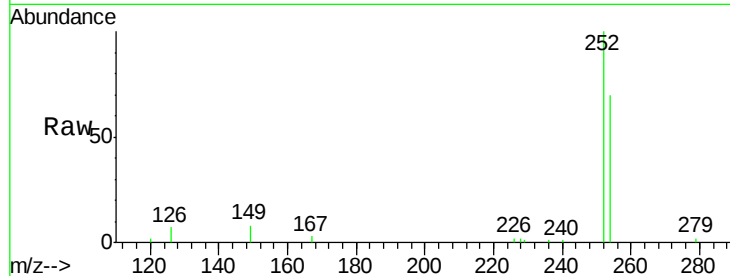
#31
 3,3'-Dichlorobenzidine
 Concen: 2.15 ng
 RT: 21.17 min Scan# 1191
 Delta R.T. -0.03 min
 Lab File: BM004478.D
 Acq: 29 Feb 2016 19:22

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

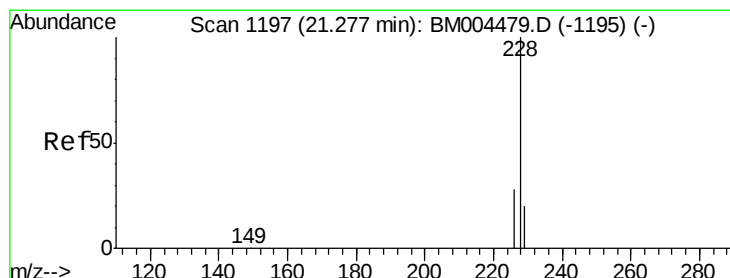
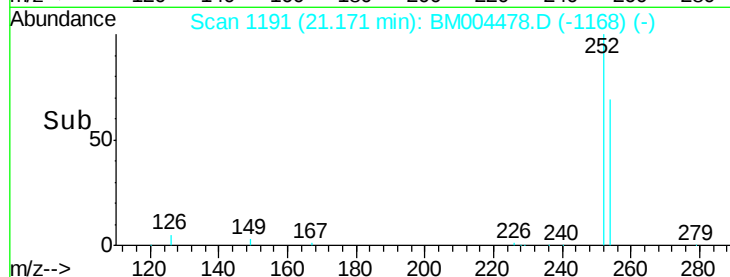
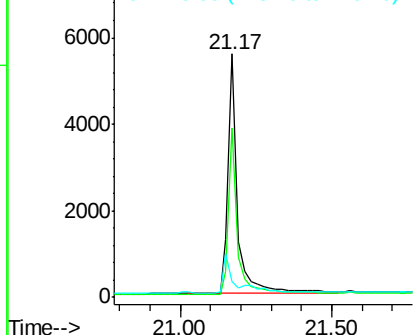
Tgt Ion	Ratio	Lower	Upper
252	100		
254	69.6	59.4	89.0
126	6.7	5.5	8.3

Manual Integrations
 APPROVED

UMANGI
 3/1/2016 3:04:17 PM



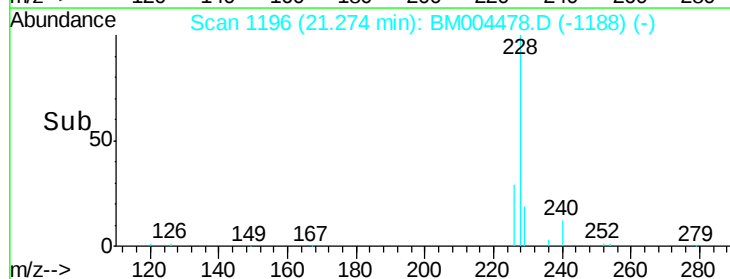
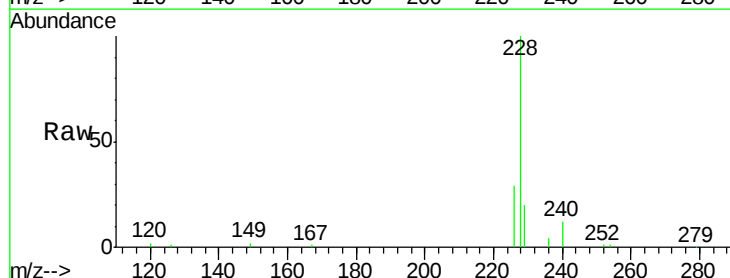
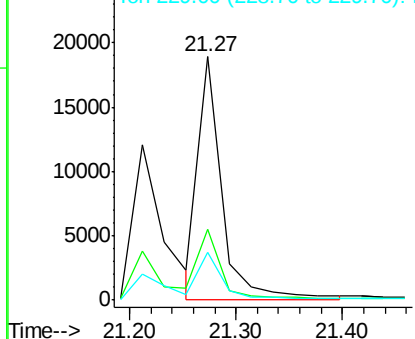
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

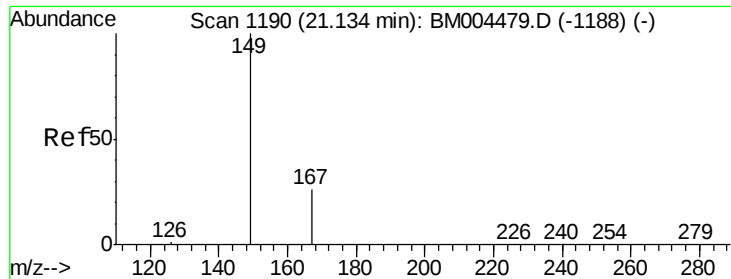


#32
 Chrysene
 Concen: 1.36 ng m
 RT: 21.27 min Scan# 1196
 Delta R.T. -0.03 min
 Lab File: BM004478.D
 Acq: 29 Feb 2016 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.4	32.2
229	19.6	17.1	25.7

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: 1.84 ng

RT: 21.13 min Scan# 1189

Delta R.T. -0.04 min

Lab File: BM004478.D

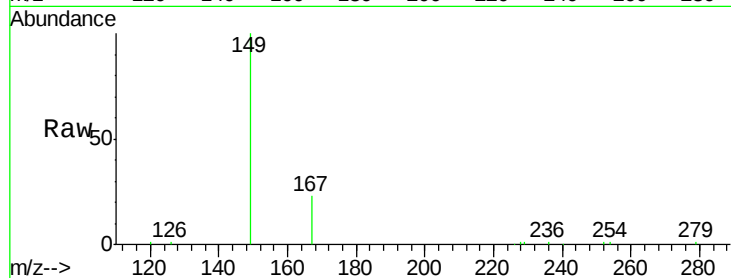
Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

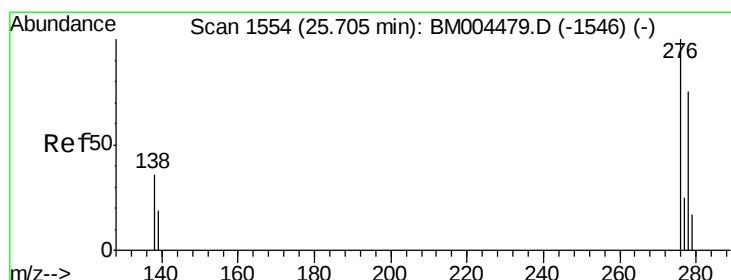
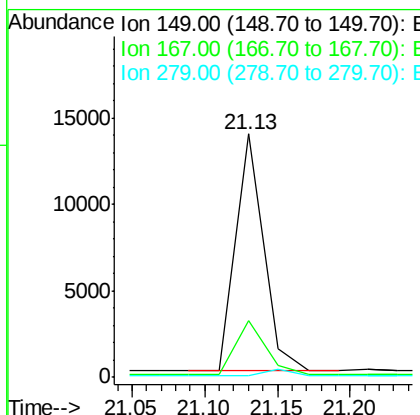
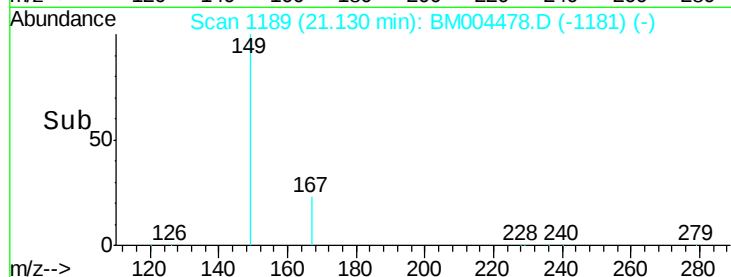
SSTDIC0.8



Tgt Ion:	149	Resp:	18573
Ion Ratio	Lower	Upper	
149	100		
167	24.8	21.2	31.8
279	0.0	0.0	0.0

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



#34

Indeno(1,2,3-cd)pyrene

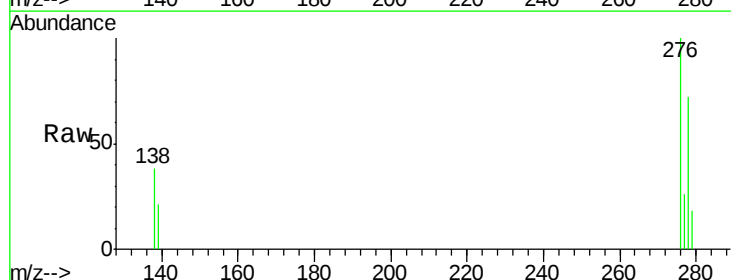
Concen: 0.89 ng

RT: 25.70 min Scan# 1553

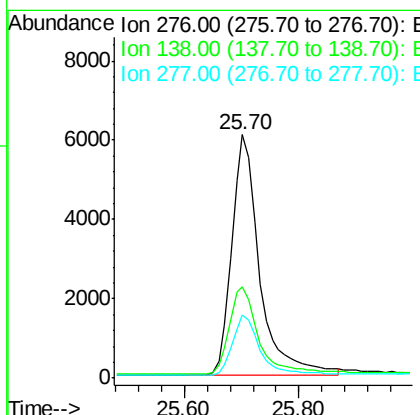
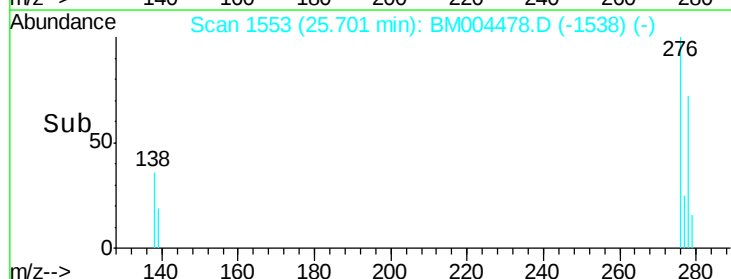
Delta R.T. -0.04 min

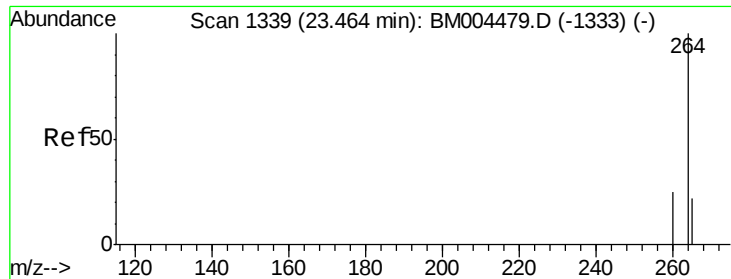
Lab File: BM004478.D

Acq: 29 Feb 2016 19:22



Tgt Ion:	276	Resp:	20702
Ion Ratio	Lower	Upper	
276	100		
138	38.0	30.4	45.6
277	24.8	19.8	29.8





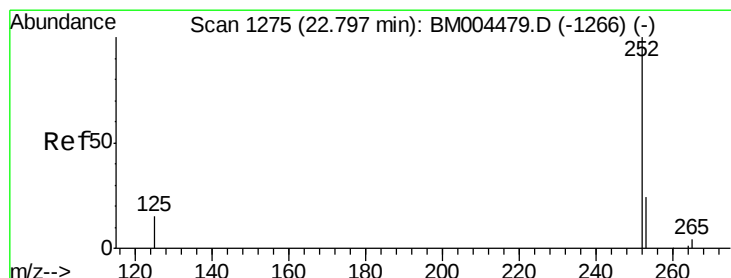
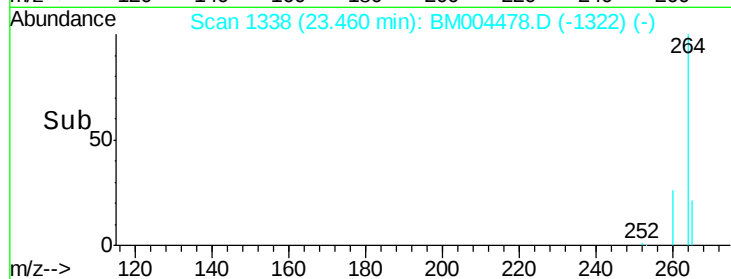
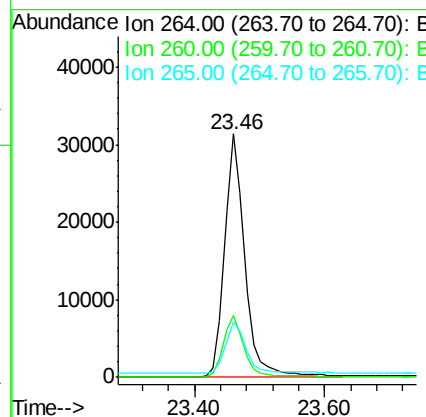
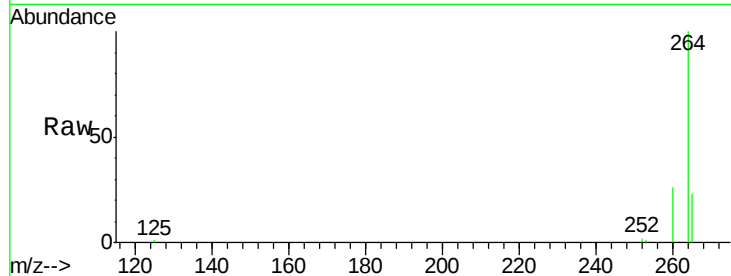
#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 1338
 Delta R.T. -0.04 min
 Lab File: BM004478.D
 Acq: 29 Feb 2016 19:22

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Tgt Ion:	264	Resp:	67081
Ion Ratio	Lower	Upper	
264	100		
260	25.6	19.8	29.6
265	22.6	18.9	28.3

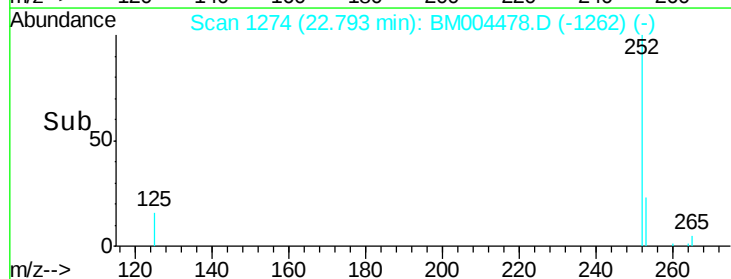
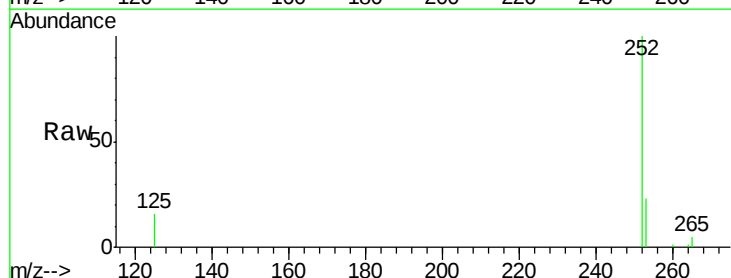
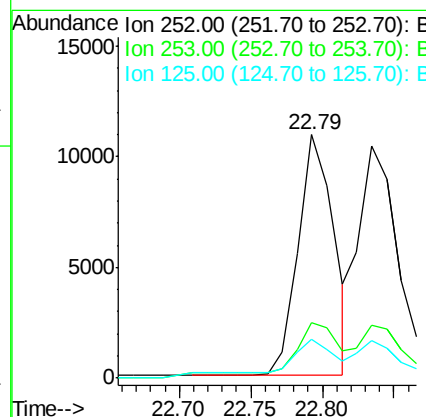
Manual Integrations
 APPROVED

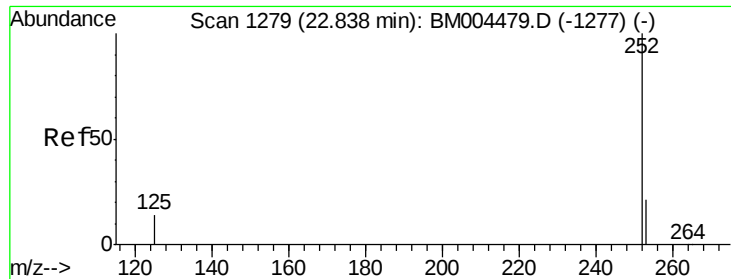
UMANGI
 3/1/2016 3:04:17 PM



#36
 Benzo(b)fluoranthene
 Concen: 0.89 ng
 RT: 22.79 min Scan# 1274
 Delta R.T. -0.04 min
 Lab File: BM004478.D
 Acq: 29 Feb 2016 19:22

Tgt Ion:	252	Resp:	18840
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.8	28.2
125	15.9	11.8	17.8





#37

Benzo(k)fluoranthene

Concen: 1.09 ng

RT: 22.83 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BM004478.D

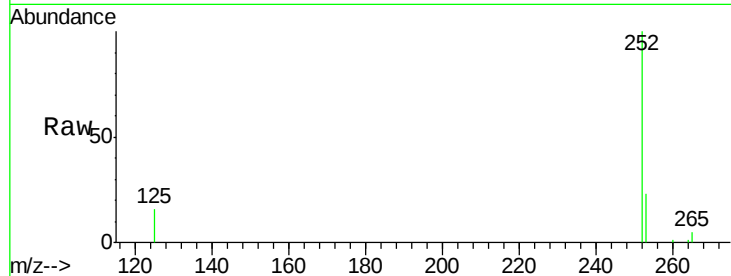
Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

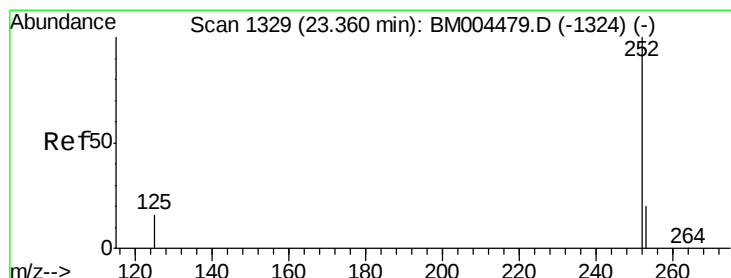
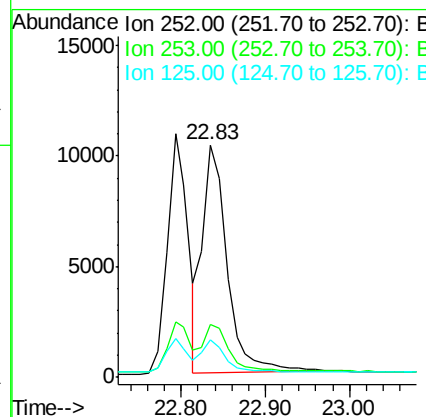
SSTDIC0.8



Tgt Ion:	252	Resp:	20874
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.3	27.5
125	16.1	12.2	18.4

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



#38

Benzo(a)pyrene

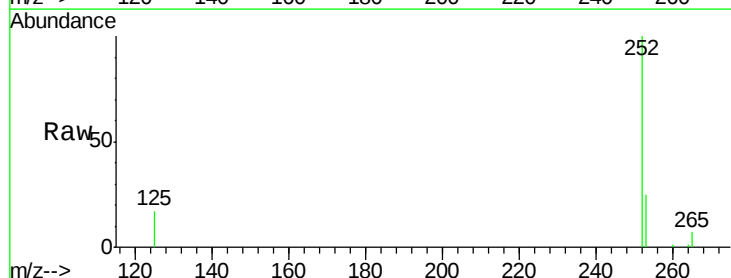
Concen: 1.02 ng

RT: 23.37 min Scan# 1329

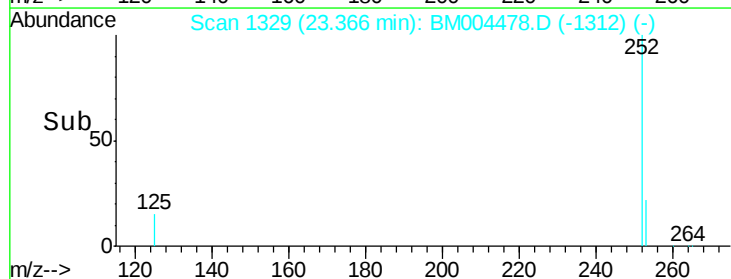
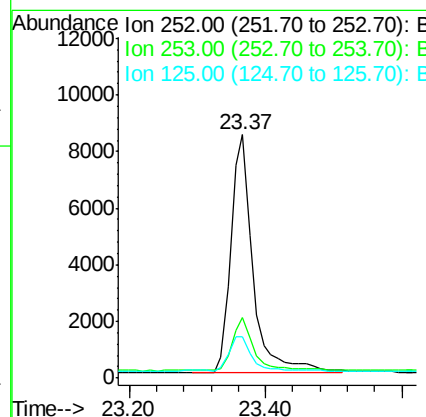
Delta R.T. -0.02 min

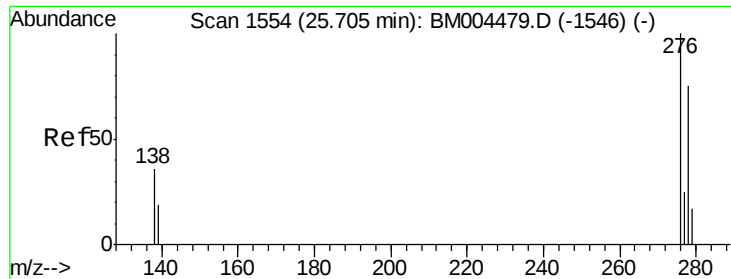
Lab File: BM004478.D

Acq: 29 Feb 2016 19:22



Tgt Ion:	252	Resp:	18978
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.0	27.0
125	17.1	14.3	21.5





#39

Dibenzo(a,h)anthracene

Concen: 0.98 ng

RT: 25.71 min Scan# 1554

Delta R.T. -0.04 min

Lab File: BM004478.D

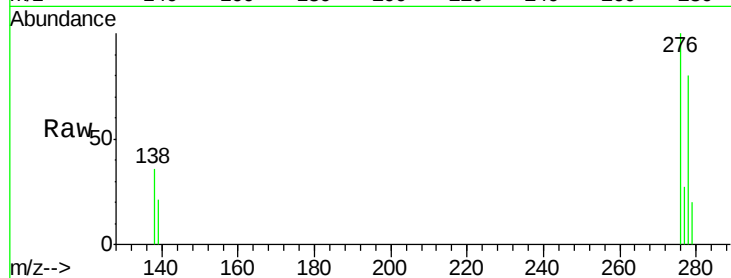
Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

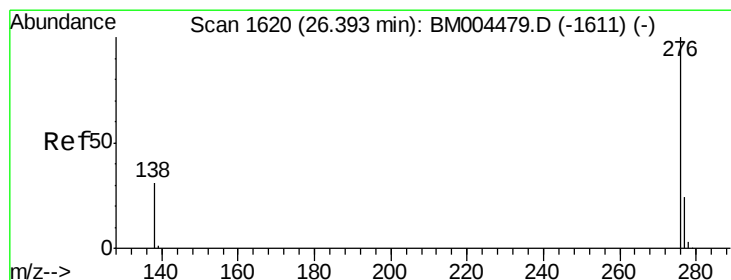
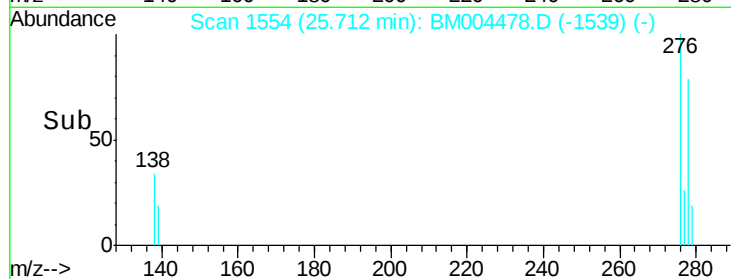
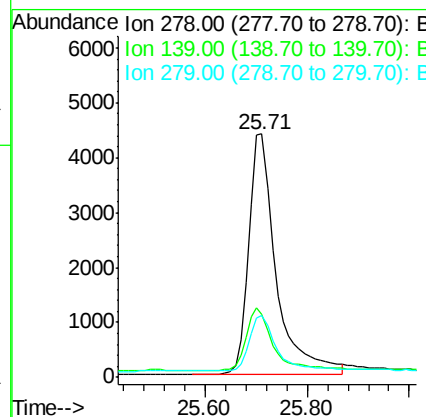
SSTDICC0.8



Tgt Ion:	278	Resp:	16262
Ion Ratio	Lower	Upper	
278	100		
139	26.2	21.2	31.8
279	25.6	19.6	29.4

Manual Integrations
APPROVED

UMANGI
3/1/2016 3:04:17 PM



#40

Benzo(g,h,i)perylene

Concen: 0.98 ng

RT: 26.39 min Scan# 1619

Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Tgt Ion:	276	Resp:	17811
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.6	29.4
138	34.0	26.2	39.2

