

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
 Data File : BM004505.D
 Acq On : 02 Mar 2016 04:57
 Operator : SJ/UM
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Manual Integrations
 APPROVED

UMANGI
 3/2/2016 1:19:16 PM

Quant Time: Mar 02 07:05:09 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 06:56:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	20898	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	79724	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	40798	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	91973	5.00	ng	0.00
26) Chrysene-d12	21.23	240	73871	5.00	ng	0.00
35) Perylene-d12	23.45	264	70450	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2951	0.62	ng	0.00
5) Phenol-d6	6.83	99	3495	0.65	ng	0.00
8) Nitrobenzene-d5	8.79	82	2565	0.64	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	800	0.53	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	9146	0.73	ng	0.00
29) Terphenyl-d14	19.67	244	9368	0.94	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	1496	0.62	ng	97
3) n-Nitrosodimethylamine	3.43	42	1044	0.51	ng	99
6) bis(2-Chloroethyl)ether	7.05	93	3019	0.54	ng	96
9) Nitrobenzene	8.84	77	2766	0.52	ng	100
10) Naphthalene	10.44	128	13522	0.55	ng	99
11) Hexachlorobutadiene	10.72	225	2338	0.65	ng	100
12) 2-Methylnaphthalene	12.08	142	8216	0.61	ng	98
16) Acenaphthylene	13.97	152	12746	0.56	ng	100
17) Acenaphthene	14.33	154	8657	0.58	ng	99
18) Fluorene	15.33	166	10542	0.58	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	2493	0.51	ng	# 98
21) Hexachlorobenzene	16.35	284	3046	0.55	ng	# 100
22) Pentachlorophenol	16.73	266	314m	0.24	ng	
23) Phenanthrene	17.06	178	16051	0.51	ng	100
24) Anthracene	17.16	178	13343	0.51	ng	99
25) Fluoranthene	19.11	202	18624	0.55	ng	100
27) Benzidine	19.33	184	4002	0.51	ng	# 92
28) Pyrene	19.47	202	20014	0.69	ng	100
30) Benzo(a)anthracene	21.21	228	16763	0.63	ng	100
31) 3,3'-Dichlorobenzidine	21.16	252	5164	0.33	ng	99
32) Chrysene	21.27	228	18954	0.35	ng	99
33) Bis(2-ethylhexyl)phthalate	21.12	149	10133	0.51	ng	# 98
34) Indeno(1,2,3-cd)pyrene	25.70	276	15652	0.63	ng	100
36) Benzo(b)fluoranthene	22.80	252	18687	0.70	ng	99
37) Benzo(k)fluoranthene	22.84	252	16278	0.62	ng	99
38) Benzo(a)pyrene	23.36	252	14987	0.62	ng	100
39) Dibenzo(a,h)anthracene	25.70	278	12108	0.58	ng	99
40) Benzo(g,h,i)perylene	26.39	276	13844	0.60	ng	99

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

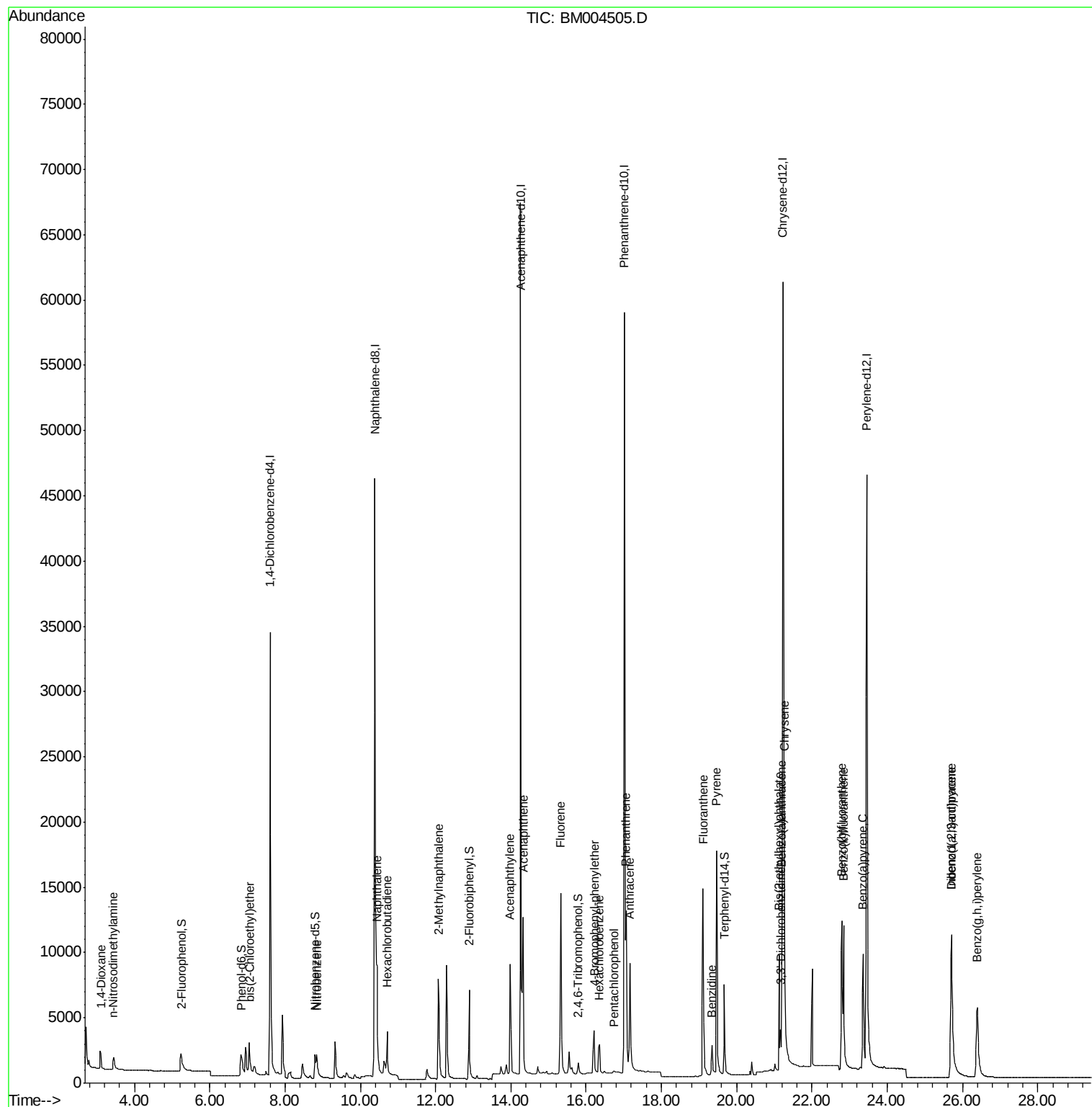
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
Data File : BM004505.D
Acq On : 02 Mar 2016 04:57
Operator : SJ/UM
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

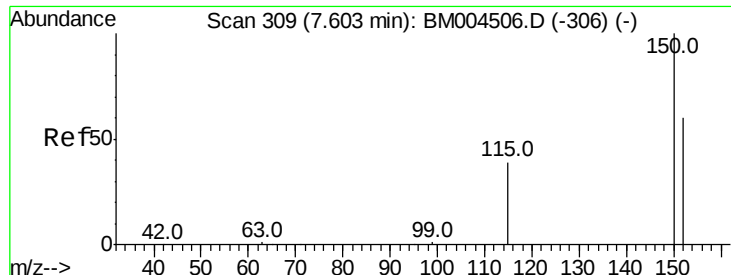
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:19:16 PM

Quant Time: Mar 02 07:05:09 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 06:56:42 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 309

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

Tot Ion:152 Resp: 20898

Ion Ratio Lower Upper

152 100

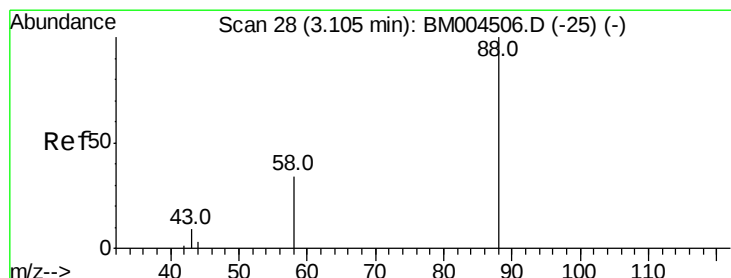
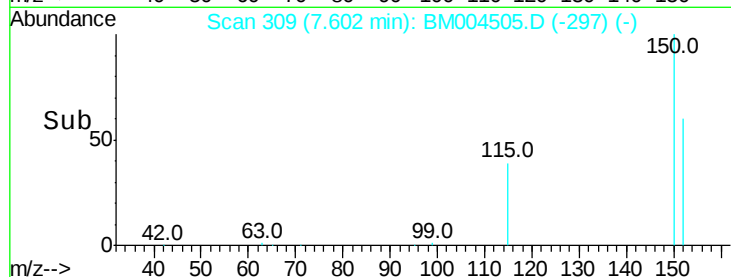
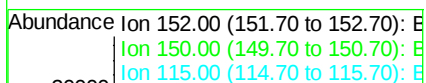
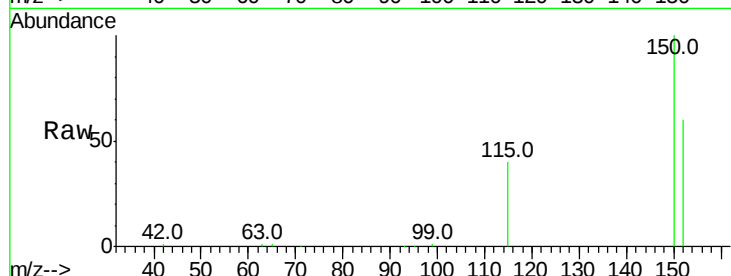
150 166.8 134.2 201.2

115 66.2 52.2 78.4

Manual Integrations
APPROVED

UMANGI

3/2/2016 1:19:16 PM



#2

1,4-Dioxane

Concen: 0.62 ng

RT: 3.10 min Scan# 28

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

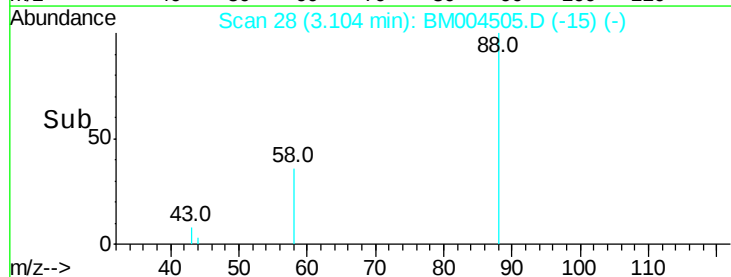
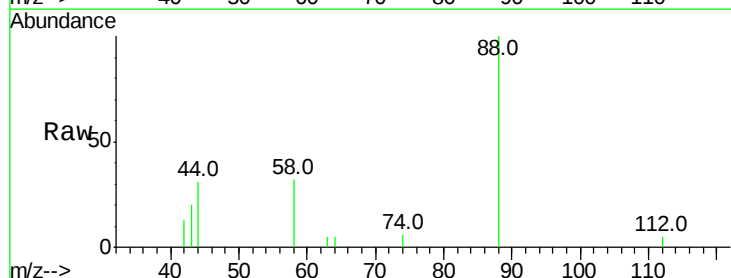
Tgt Ion: 88 Resp: 1496

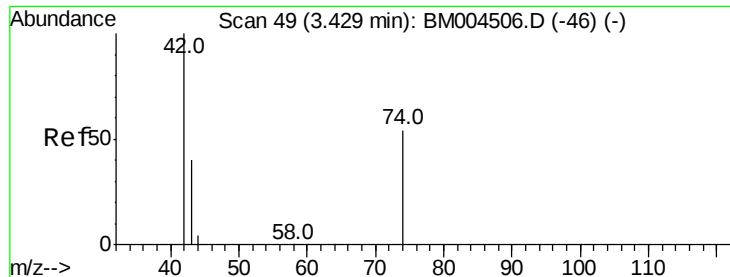
Ion Ratio Lower Upper

88 100

58 64.4 52.9 79.3

43 28.9 20.8 31.2





#3

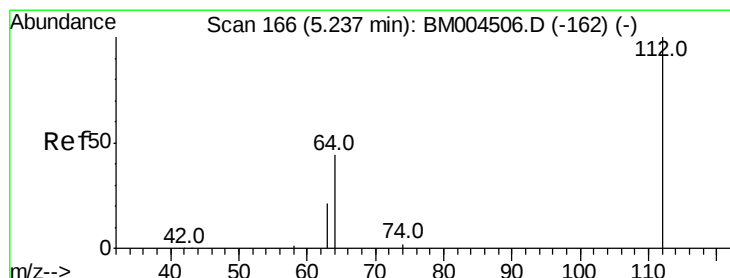
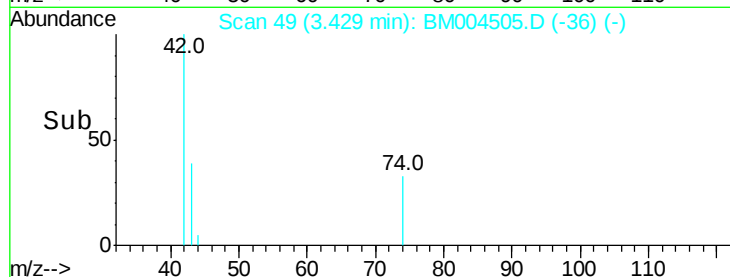
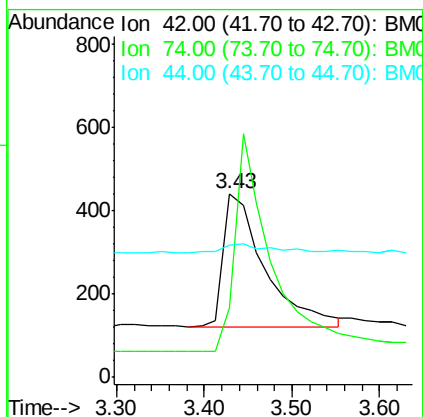
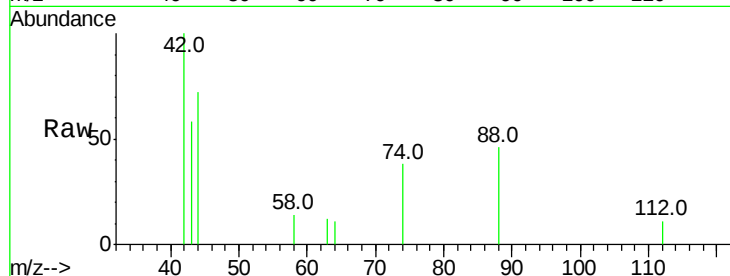
n-Nitrosodimethylamine
 Concen: 0.51 ng
 RT: 3.43 min Scan# 49
 Delta R.T. -0.00 min
 Lab File: BM004505.D
 Acq: 02 Mar 2016 04:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Tot Ion	Ratio	Lower	Upper
42	100		
74	145.9	115.5	173.3
44	7.4	6.2	9.4

Manual Integrations
 APPROVED

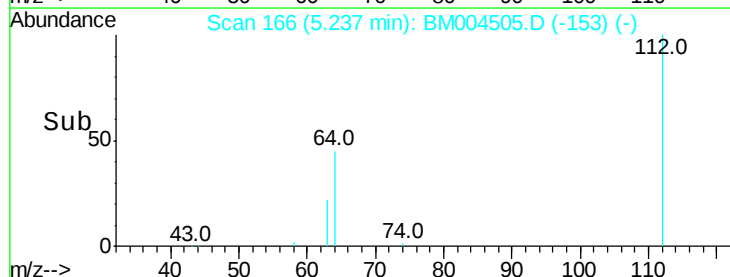
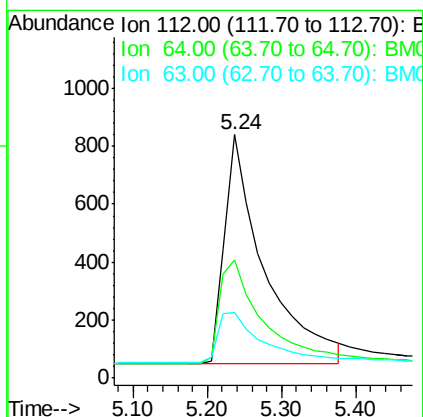
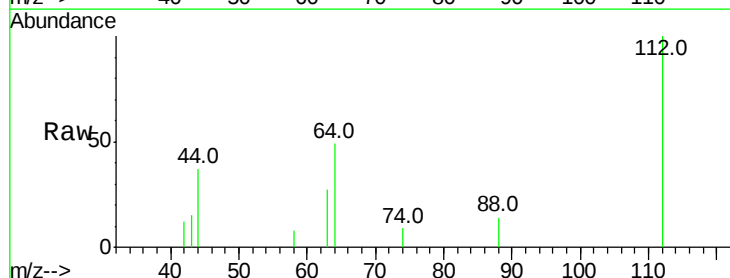
UMANGI
 3/2/2016 1:19:16 PM

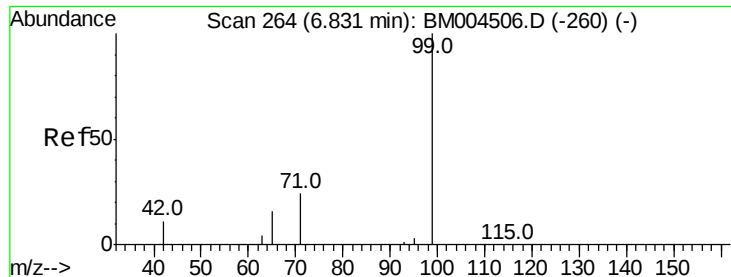


#4

2-Fluorophenol
 Concen: 0.62 ng
 RT: 5.24 min Scan# 166
 Delta R.T. -0.00 min
 Lab File: BM004505.D
 Acq: 02 Mar 2016 04:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	37.0	55.6
63	25.1	19.0	28.4





#5

Phenol-d6

Concen: 0.65 ng

RT: 6.83 min Scan# 264

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Instrument :

BNA_M

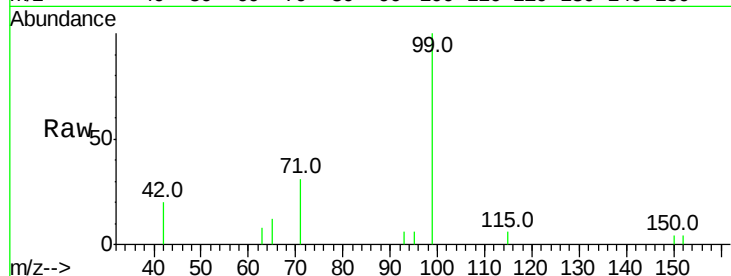
ClientSampleId :

SSTDIC0.8

Tot Ion:	99	Resp:	3495
Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.2	18.4
71	29.3	23.4	35.2

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:19:16 PM



Abundance Ion 99.00 (98.70 to 99.70): BM004505.D (-260) (-)

Ion 42.00 (41.70 to 42.70): BM004505.D (-260) (-)

Ion 71.00 (70.70 to 71.70): BM004505.D (-260) (-)

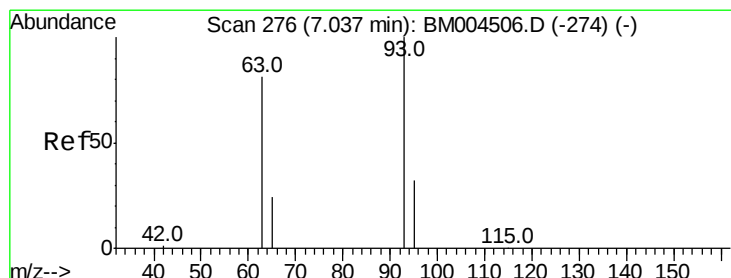
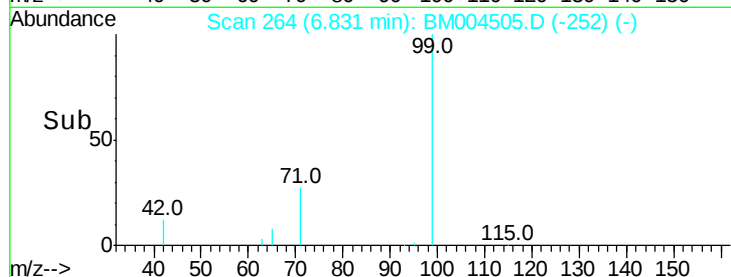
6.83

1000

500

0

Time--> 6.60 6.70 6.80 6.90 7.00



#6

bis(2-Chloroethyl)ether

Concen: 0.54 ng

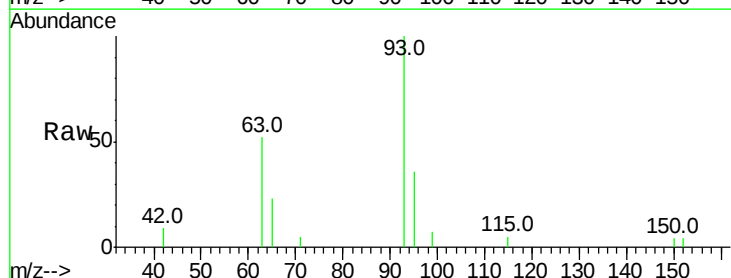
RT: 7.05 min Scan# 277

Delta R.T. 0.02 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Tgt Ion:	93	Resp:	3019
Ion	Ratio	Lower	Upper
93	100		
63	67.4	51.1	76.7
95	33.7	25.0	37.6



Abundance Ion 93.00 (92.70 to 93.70): BM004505.D (-274) (-)

Ion 63.00 (62.70 to 63.70): BM004505.D (-274) (-)

Ion 95.00 (94.70 to 95.70): BM004505.D (-274) (-)

7.05

2000

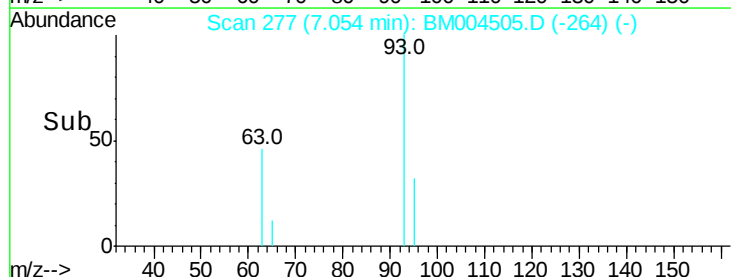
1500

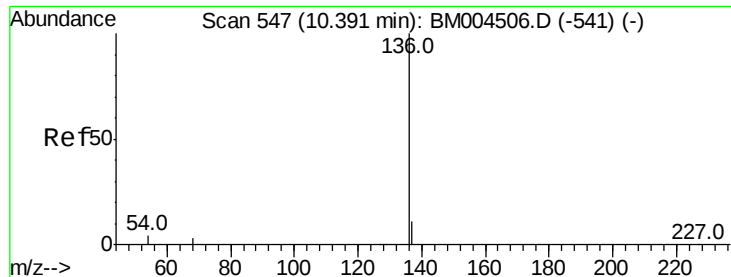
1000

500

0

Time--> 7.00 7.10 7.20





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Instrument :

BNA_M

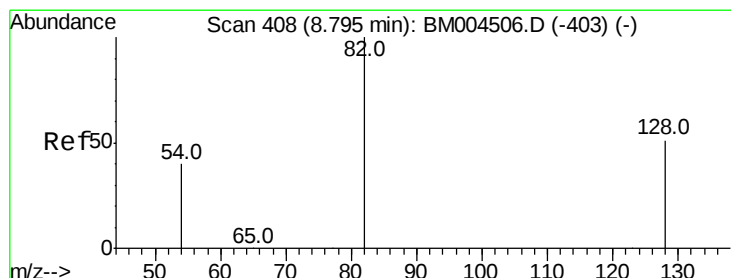
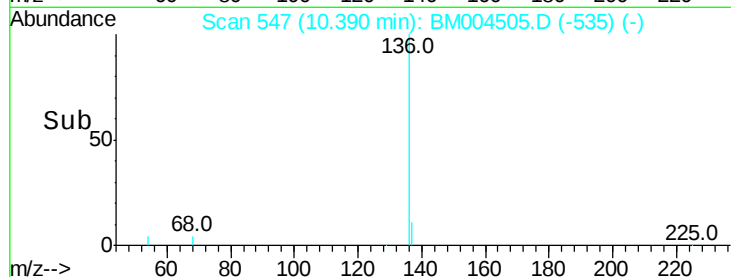
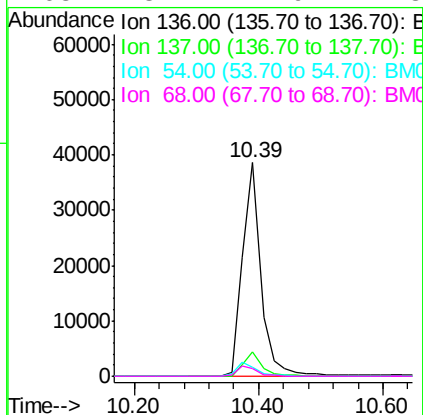
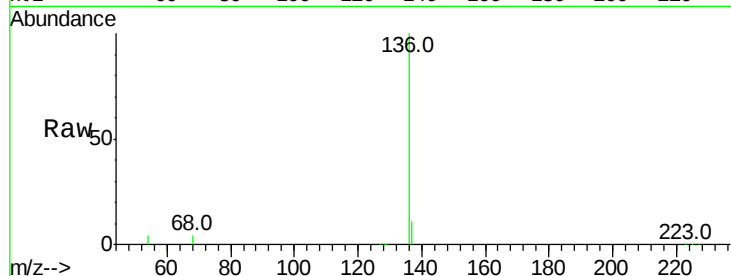
ClientSampleId :

SSTDIC0.8

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	4.3	3.3	4.9
68	3.7	2.9	4.3

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:19:16 PM



#8

Nitrobenzene-d5

Concen: 0.64 ng

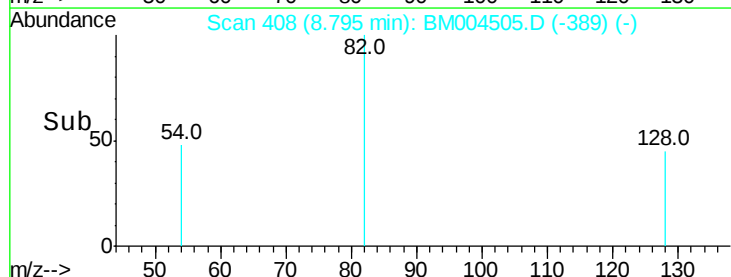
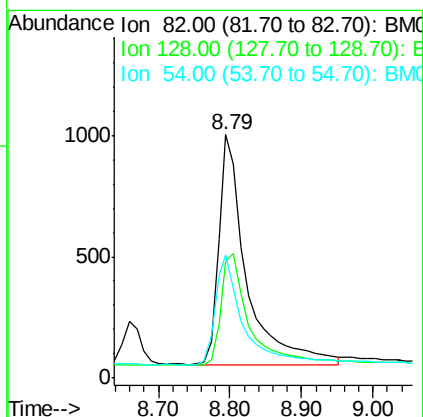
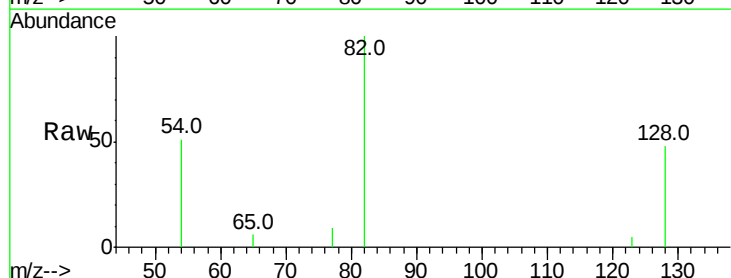
RT: 8.79 min Scan# 408

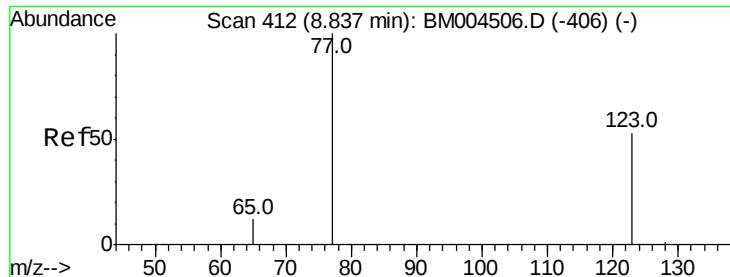
Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	41.9	62.9
54	50.8	34.2	51.2





#9

Nitrobenzene

Concen: 0.52 ng

RT: 8.84 min Scan# 412

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Instrument :

BNA_M

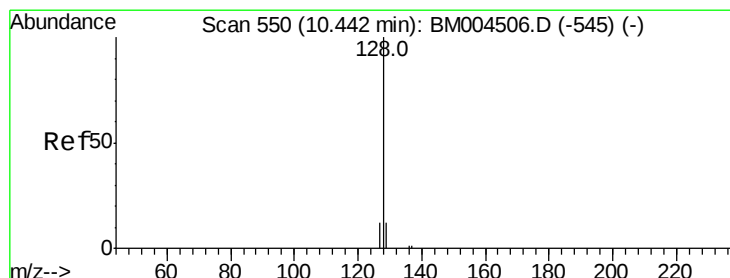
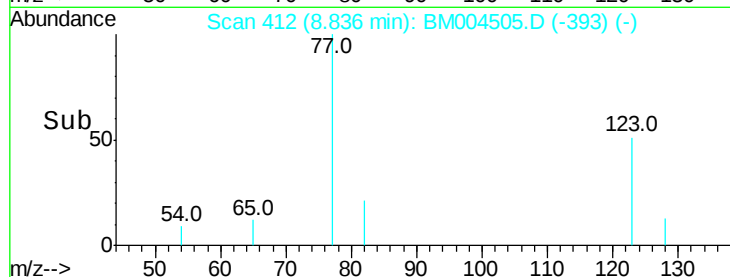
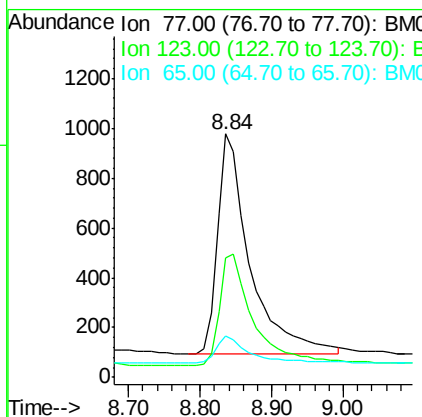
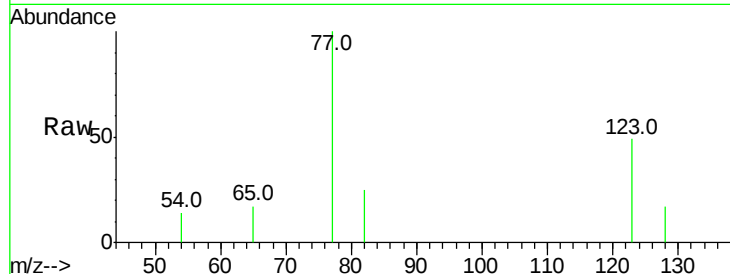
ClientSampleId :

SSTDIC0.8

Tot Ion:	77	Resp:	2766
Ion	Ratio	Lower	Upper
77	100		
123	53.4	42.5	63.7
65	12.7	10.0	15.0

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:19:16 PM



#10

Naphthalene

Concen: 0.55 ng

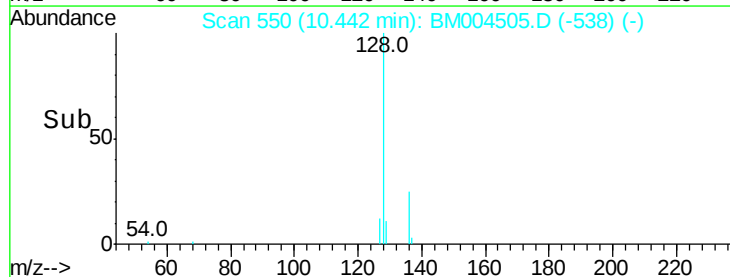
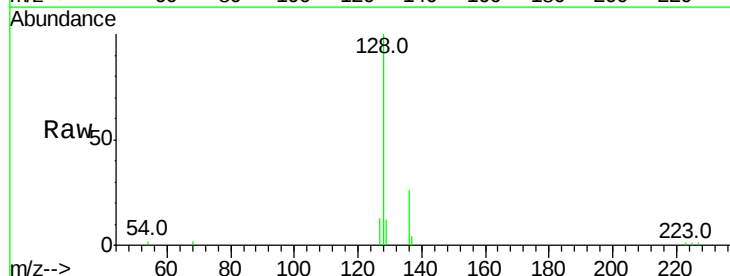
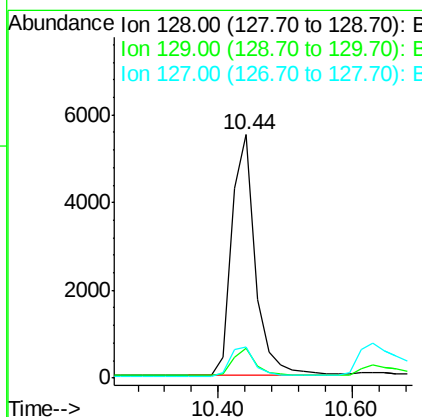
RT: 10.44 min Scan# 550

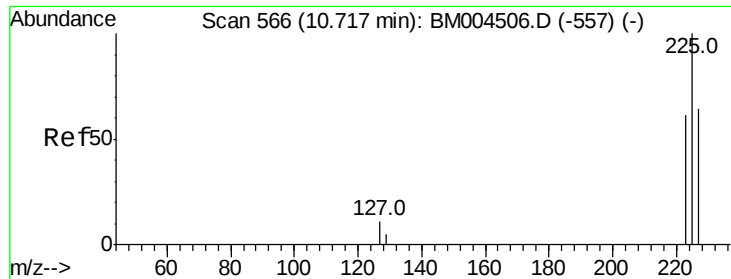
Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Tgt Ion:	128	Resp:	13522
Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	12.8	9.9	14.9





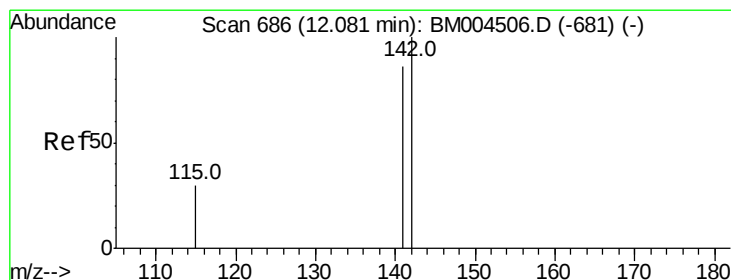
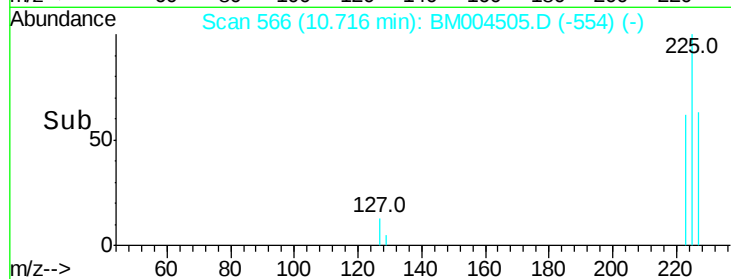
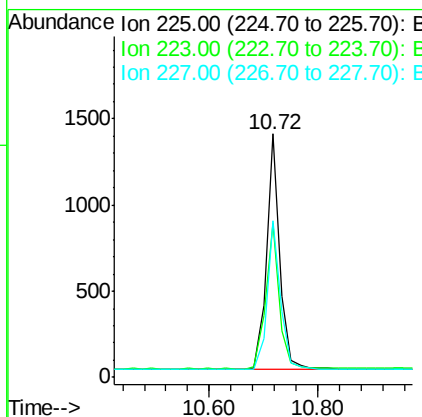
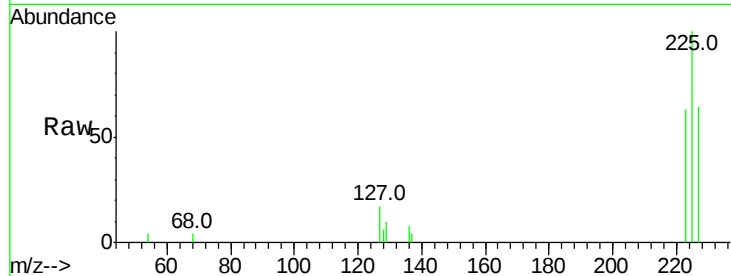
#11
Hexachlorobutadiene
Concen: 0.65 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.00 min
Lab File: BM004505.D
Acq: 02 Mar 2016 04:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	64.0	51.1	76.7

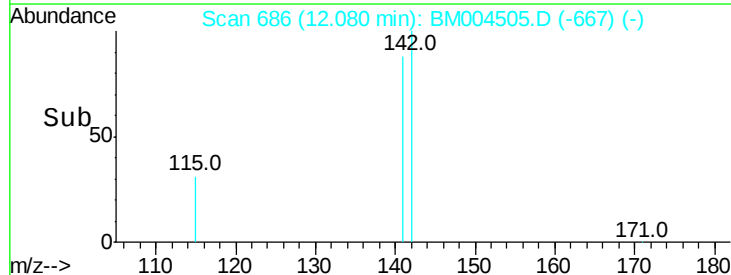
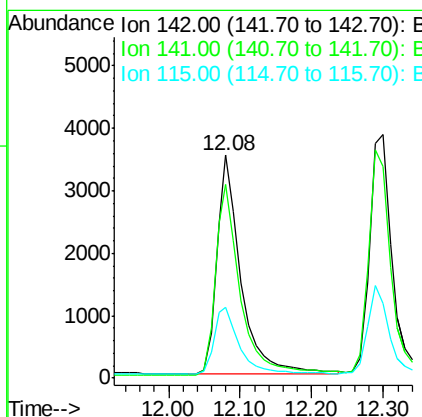
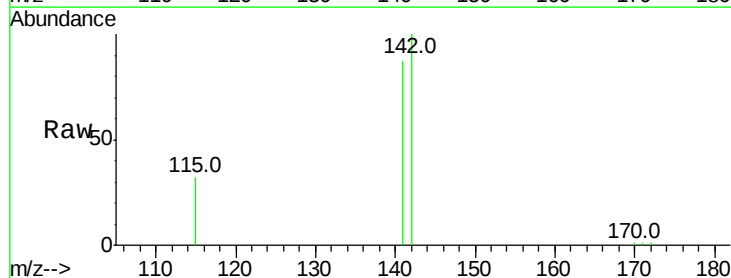
Manual Integrations
APPROVED

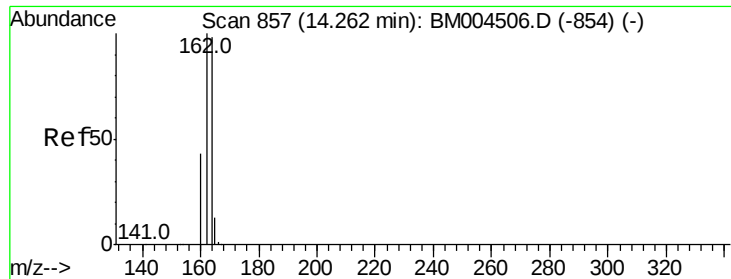
UMANGI
3/2/2016 1:19:16 PM



#12
2-Methylnaphthalene
Concen: 0.61 ng
RT: 12.08 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM004505.D
Acq: 02 Mar 2016 04:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	68.5	102.7
115	31.9	24.6	36.8





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Instrument :

BNA_M

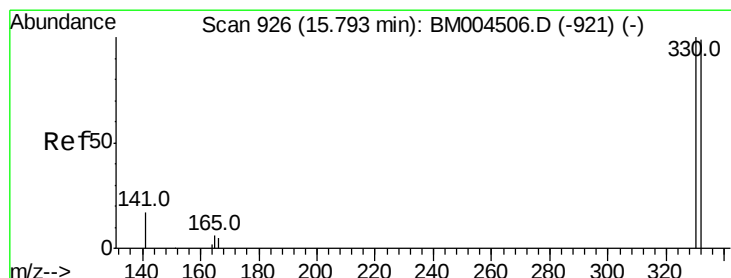
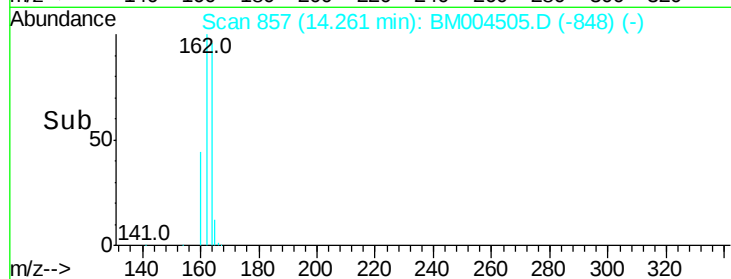
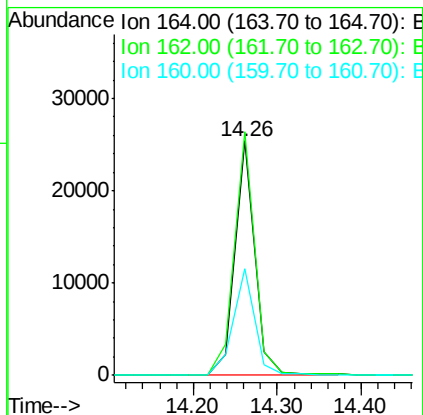
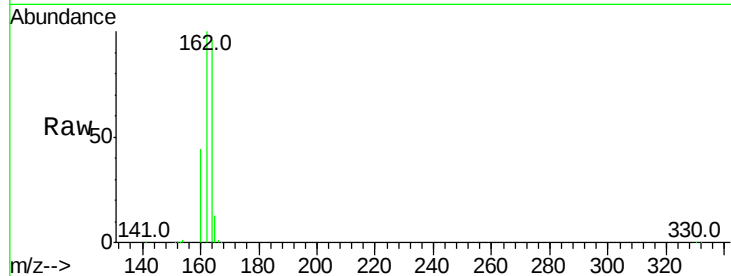
ClientSampleId :

SSTDICC0.8

Tot Ion:	164	Resp:	40798
Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.6	122.4
160	45.3	34.9	52.3

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:19:16 PM



#14

2,4,6-Tribromophenol

Concen: 0.53 ng

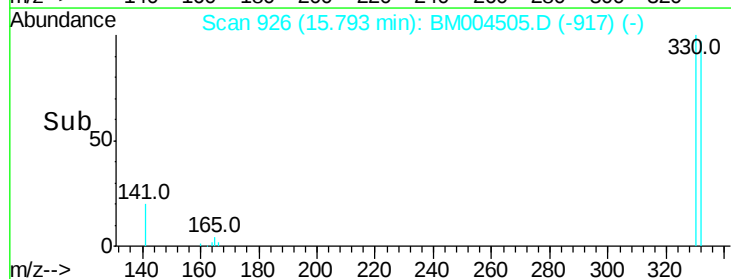
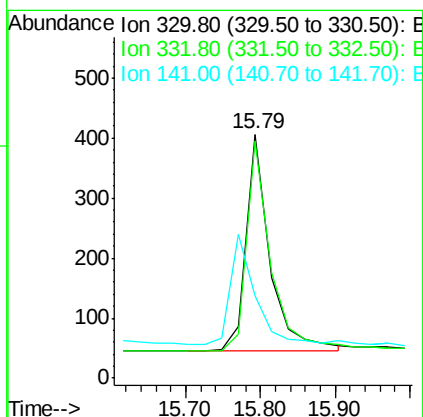
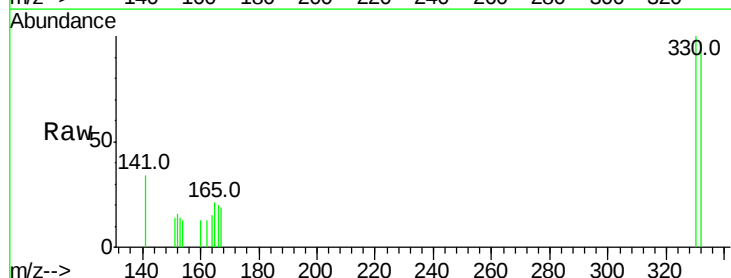
RT: 15.79 min Scan# 926

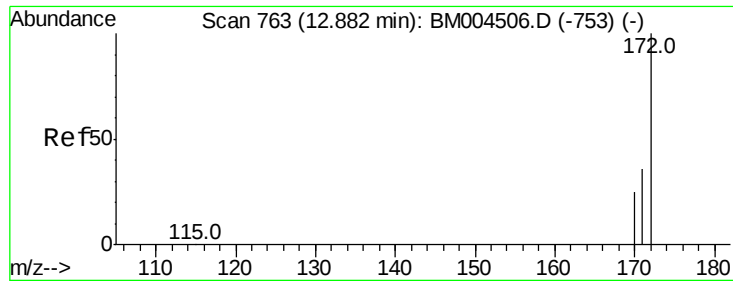
Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Tgt Ion:	330	Resp:	800
Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	0.0	0.0	0.0





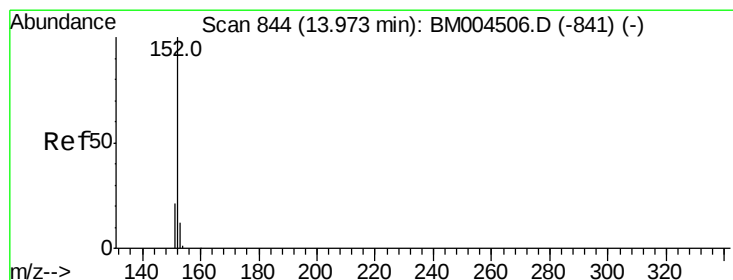
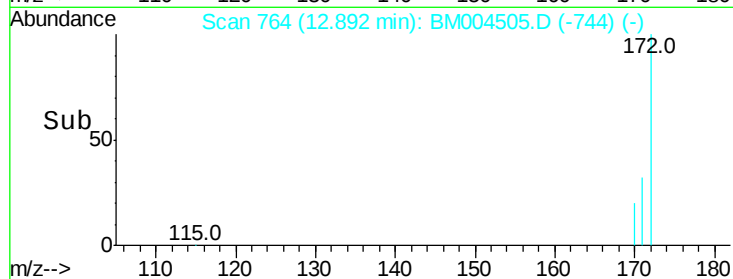
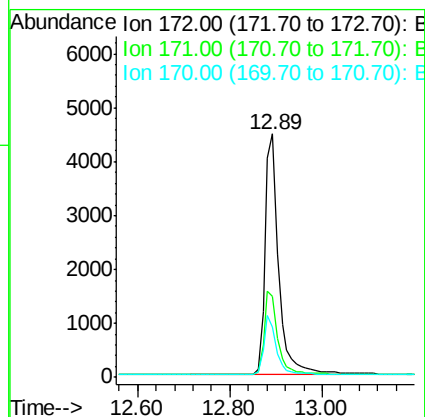
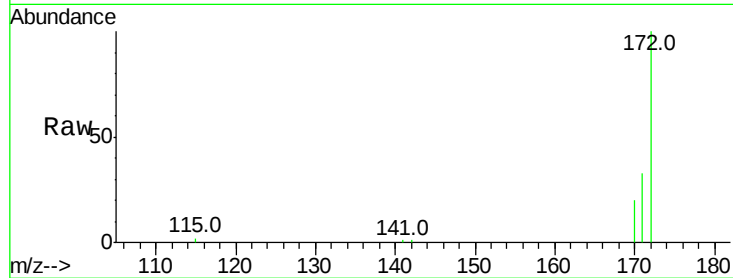
#15
2-Fluorobiphenyl
Concen: 0.73 ng
RT: 12.89 min Scan# 764
Delta R.T. 0.01 min
Lab File: BM004505.D
Acq: 02 Mar 2016 04:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tot Ion:	172	Resp:	9146
Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.5	44.3
170	20.5	20.2	30.2

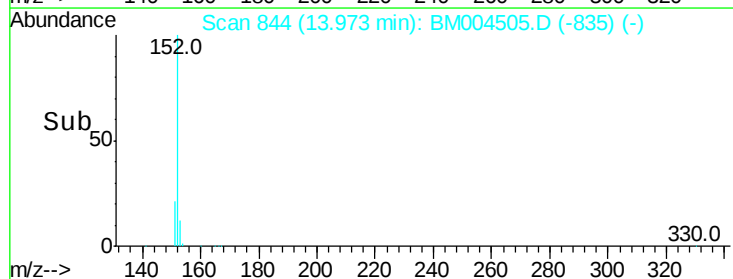
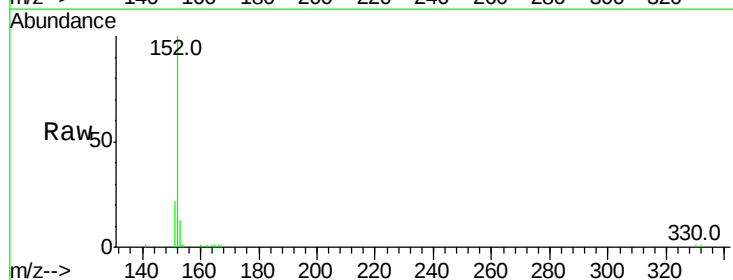
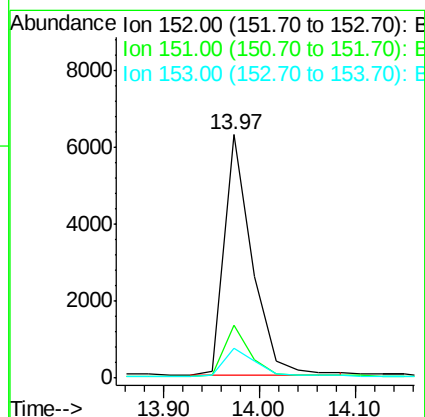
Manual Integrations
APPROVED

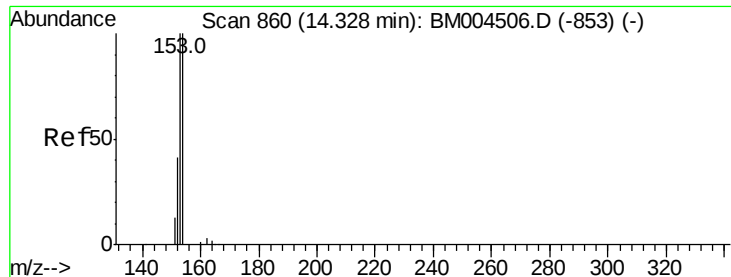
UMANGI
3/2/2016 1:19:16 PM



#16
Acenaphthylene
Concen: 0.56 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004505.D
Acq: 02 Mar 2016 04:57

Tgt Ion:	152	Resp:	12746
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	12.7	10.2	15.4





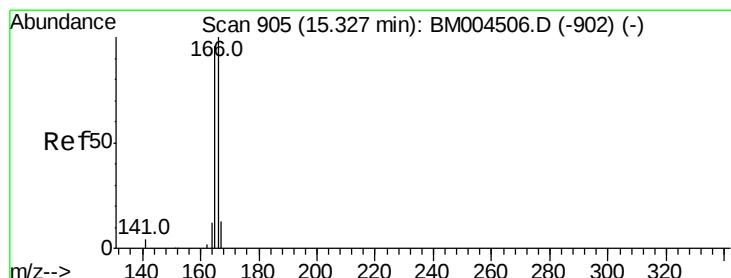
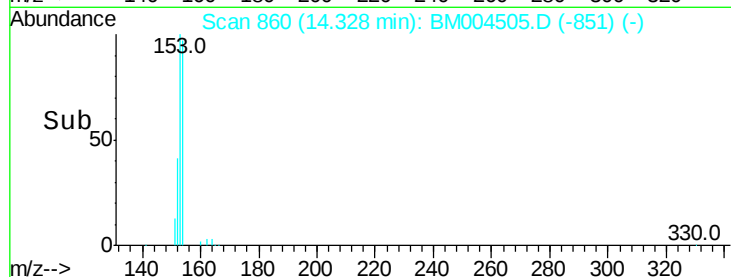
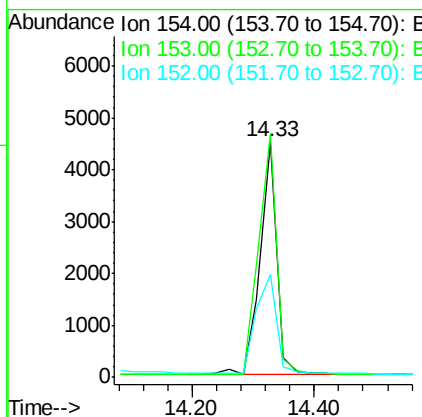
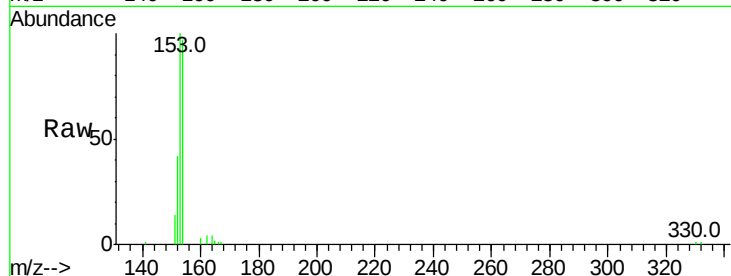
#17
Acenaphthene
Concen: 0.58 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM004505.D
Acq: 02 Mar 2016 04:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.6	88.7	133.1
152	51.3	41.8	62.8

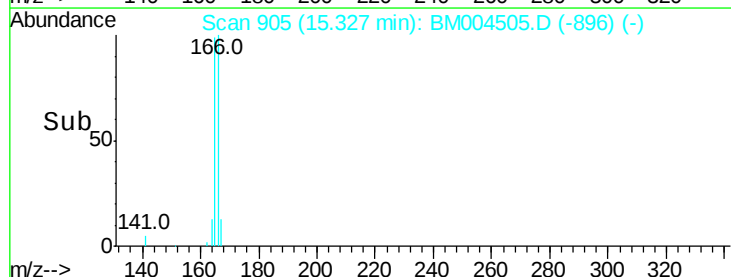
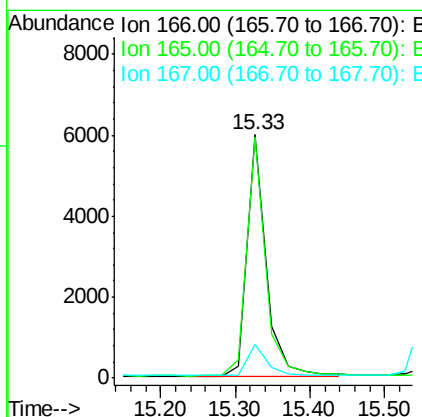
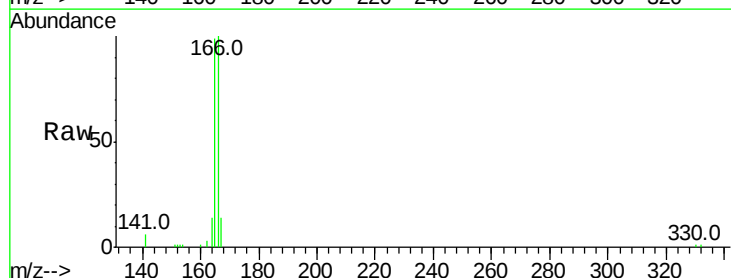
Manual Integrations
APPROVED

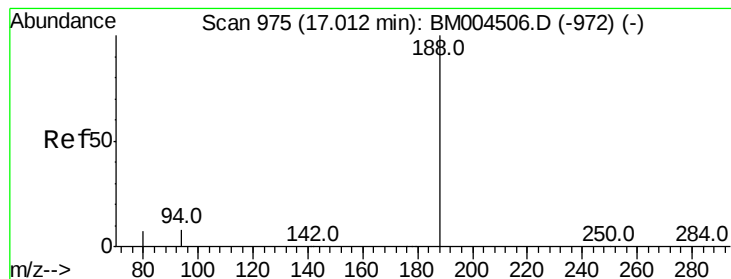
UMANGI
3/2/2016 1:19:16 PM



#18
Fluorene
Concen: 0.58 ng
RT: 15.33 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM004505.D
Acq: 02 Mar 2016 04:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	13.4	10.8	16.2





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Instrument :

BNA_M

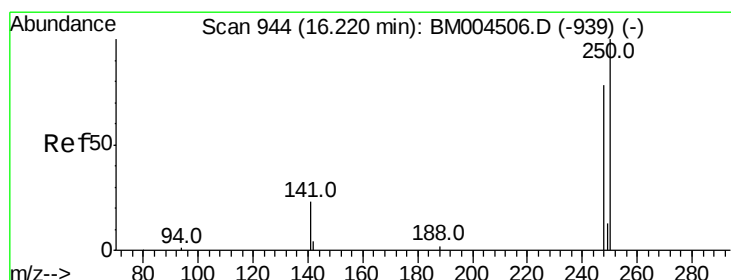
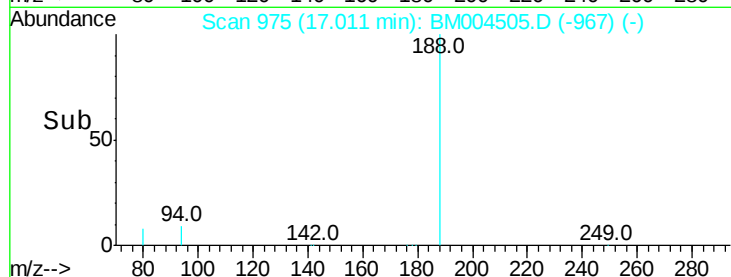
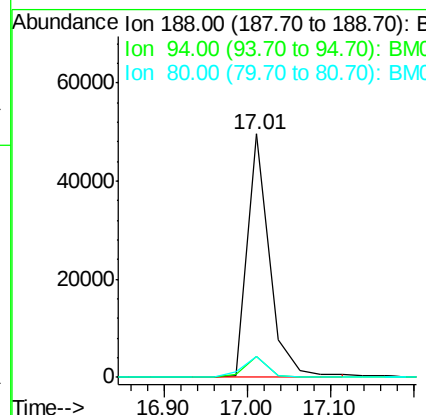
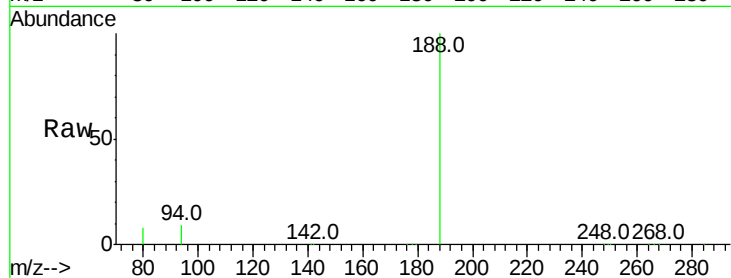
ClientSampleId :

SSTDIC0.8

Tot Ion:	188	Resp:	91973
Ion Ratio	Lower	Upper	
188	100		
94	8.8	6.3	9.5
80	8.4	5.9	8.9

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:19:16 PM



#20

4-Bromophenyl-phenylether

Concen: 0.51 ng

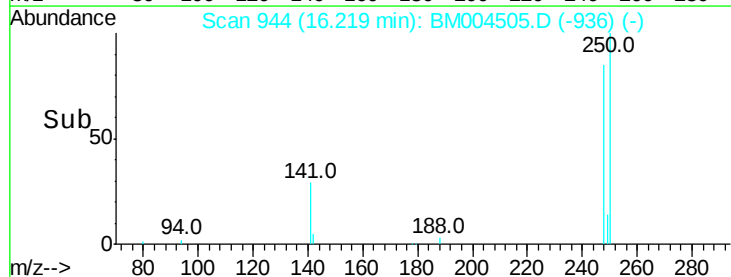
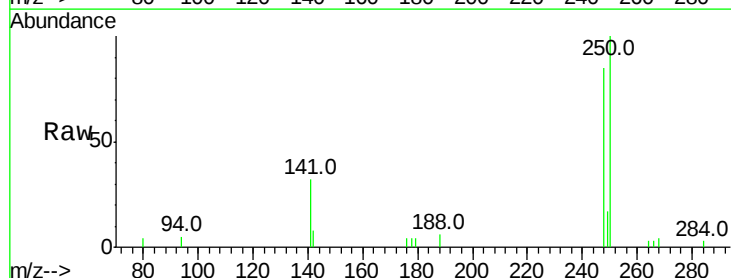
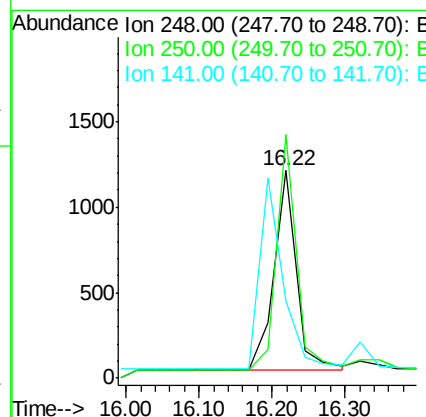
RT: 16.22 min Scan# 944

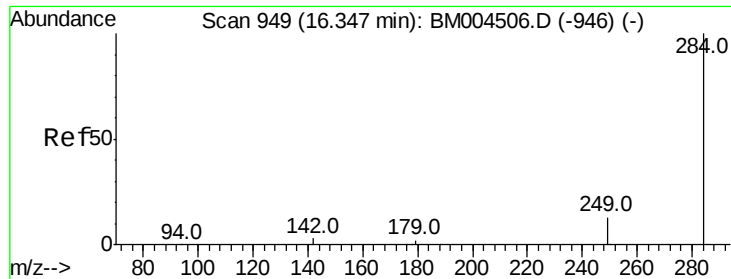
Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Tgt Ion:	248	Resp:	2493
Ion Ratio	Lower	Upper	
248	100		
250	105.1	85.8	128.8
141	0.0	0.0	0.0





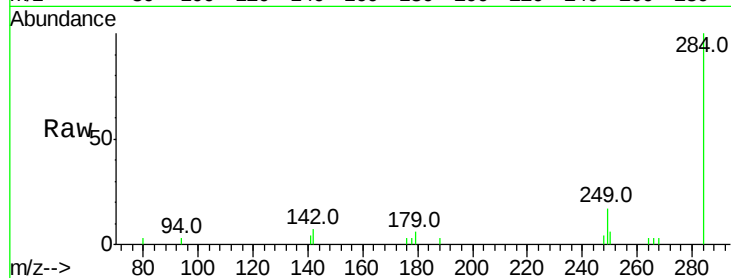
#21
Hexachlorobenzene
Concen: 0.55 ng
RT: 16.35 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM004505.D
Acq: 02 Mar 2016 04:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

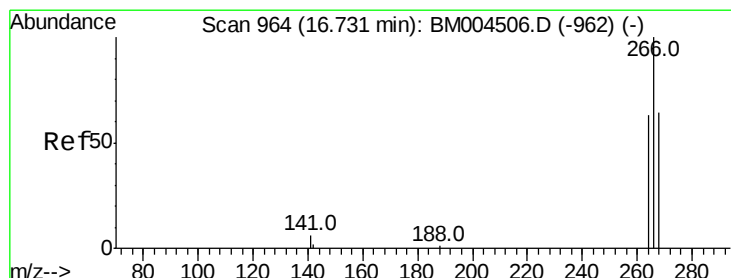
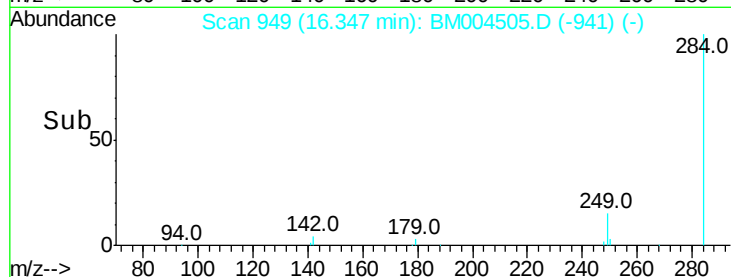
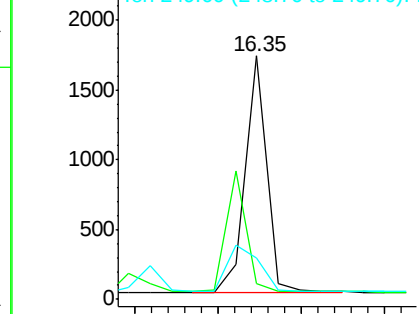
Tot Ion:	284	Resp:	3046
Ion Ratio	Lower	Upper	
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:19:16 PM

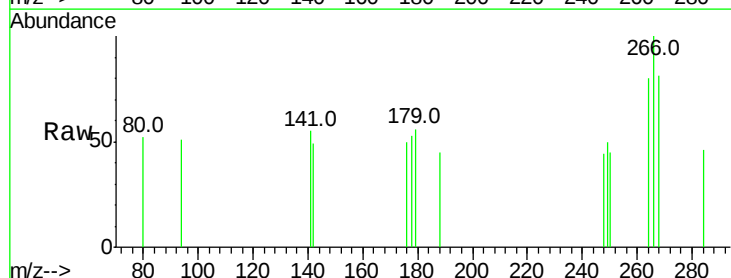


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

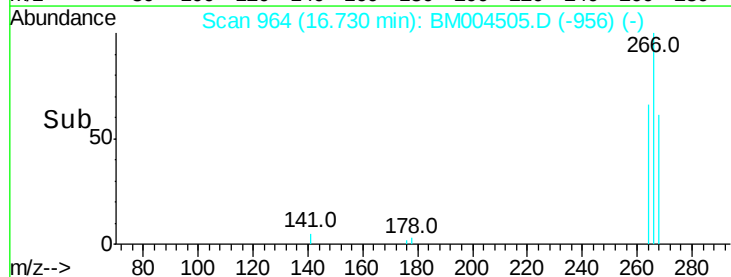
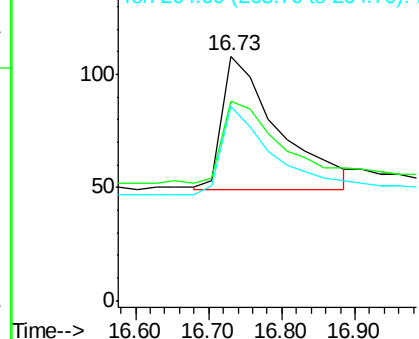


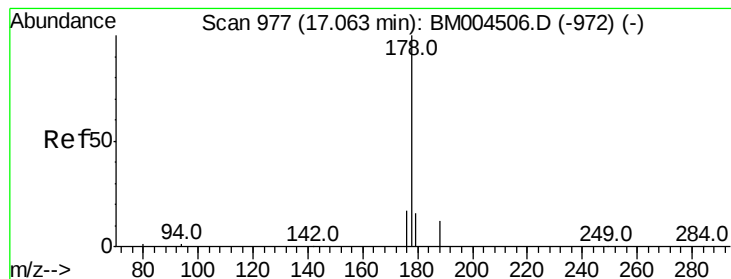
#22
Pentachlorophenol
Concen: 0.24 ng m
RT: 16.73 min Scan# 964
Delta R.T. -0.00 min
Lab File: BM004505.D
Acq: 02 Mar 2016 04:57

Tgt Ion:	266	Resp:	314
Ion Ratio	Lower	Upper	
266	100		
268	81.5	63.0	94.6
264	79.6	59.6	89.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.51 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Instrument :

BNA_M

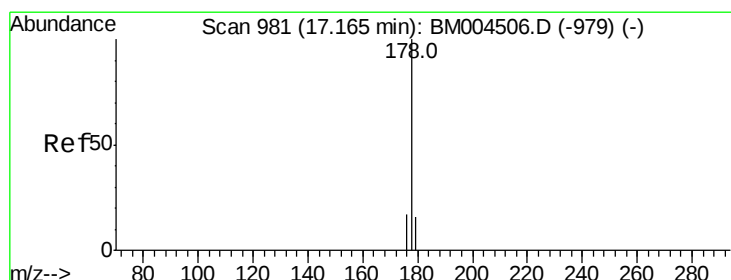
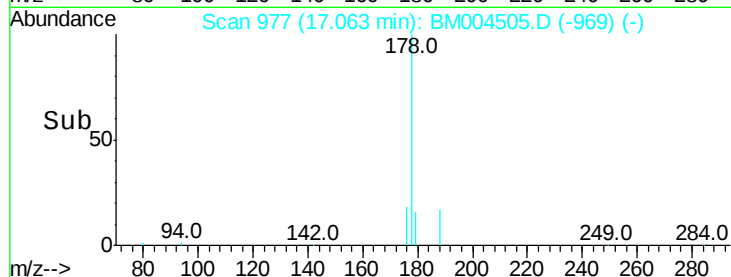
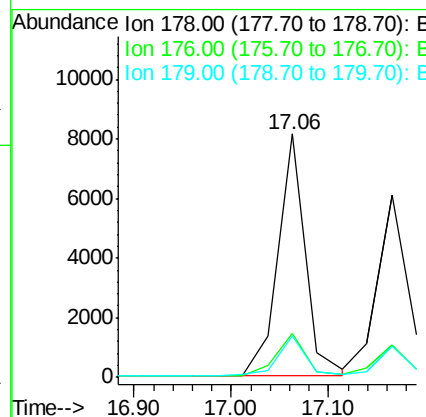
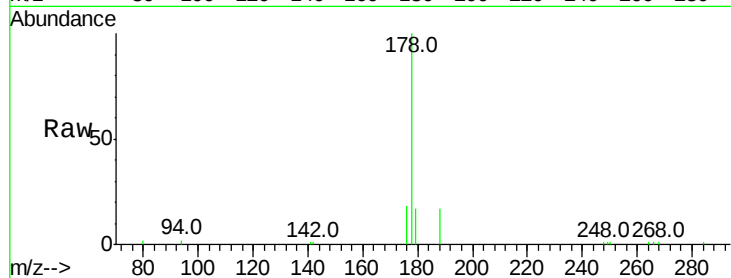
ClientSampleId :

SSTDIC0.8

Tot Ion:	178	Resp:	16051
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	16.2	12.8	19.2

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:19:16 PM



#24

Anthracene

Concen: 0.51 ng

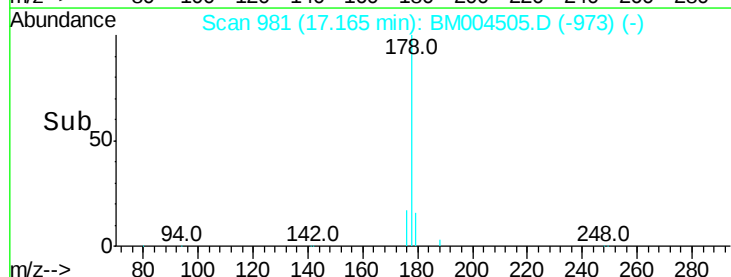
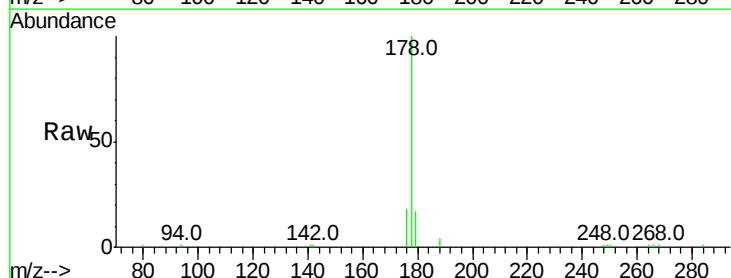
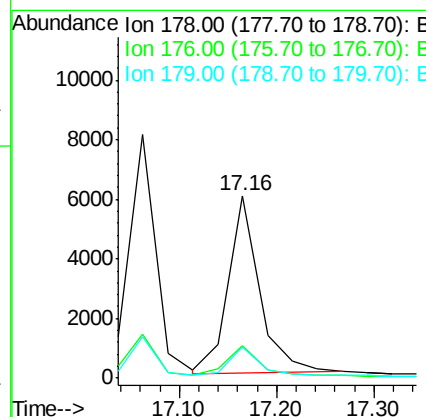
RT: 17.16 min Scan# 981

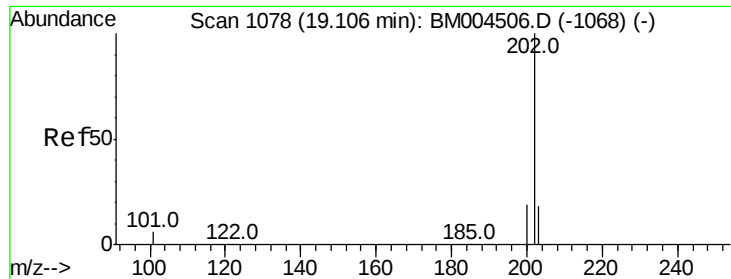
Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Tgt Ion:	178	Resp:	13343
Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.4	12.2	18.4





#25

Fluoranthene

Concen: 0.55 ng

RT: 19.11 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Instrument :

BNA_M

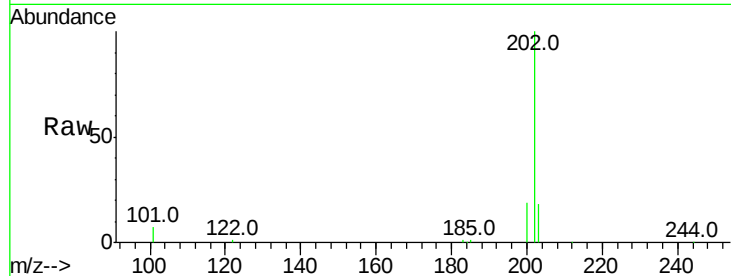
ClientSampleId :

SSTDIC0.8

Tot Ion:	202	Resp:	18624
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.8	14.8
203	17.5	13.8	20.8

Manual Integrations
APPROVED

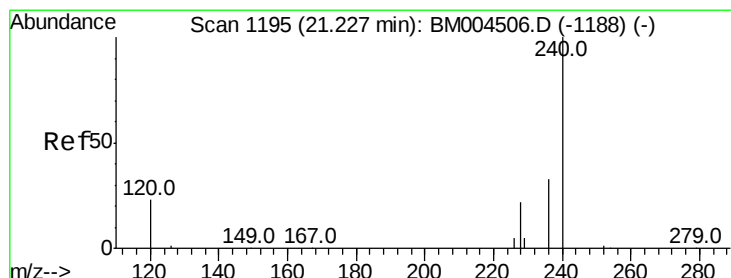
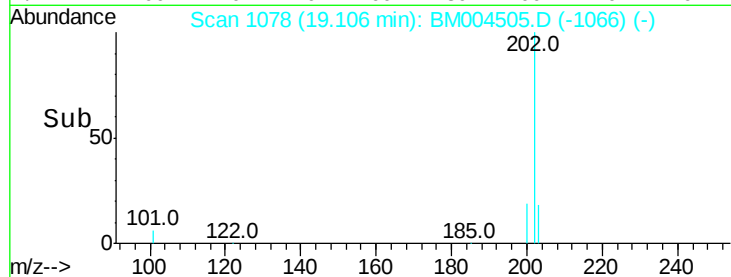
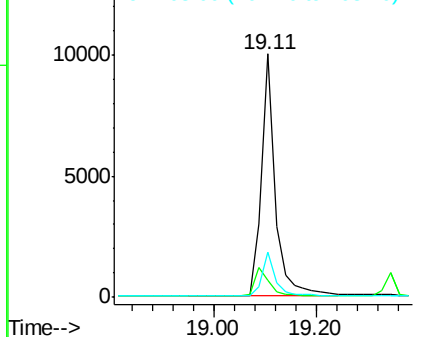
UMANGI
3/2/2016 1:19:16 PM



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

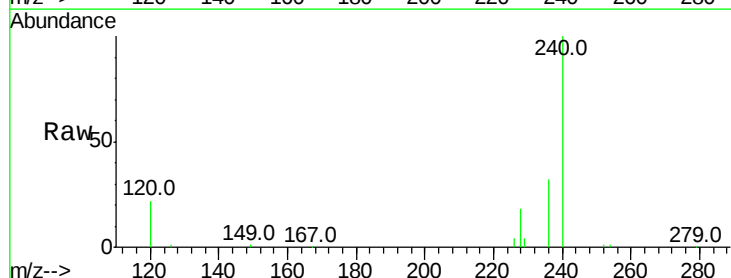
RT: 21.23 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

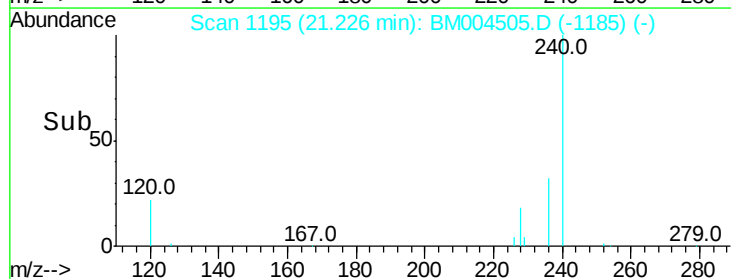
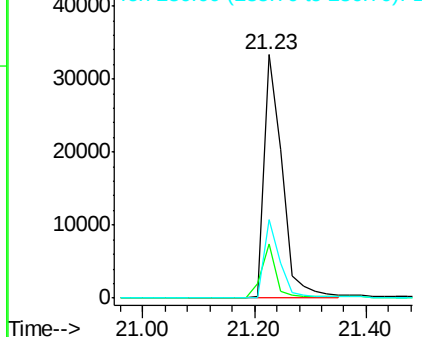
Tgt Ion:	240	Resp:	73871
Ion Ratio	Lower	Upper	
240	100		
120	22.4	18.9	28.3
236	32.3	26.4	39.6

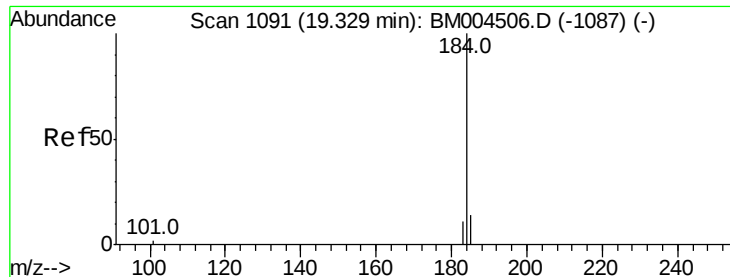


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.51 ng

RT: 19.33 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

Tot Ion:184 Resp: 4002

Ion Ratio Lower Upper

184 100

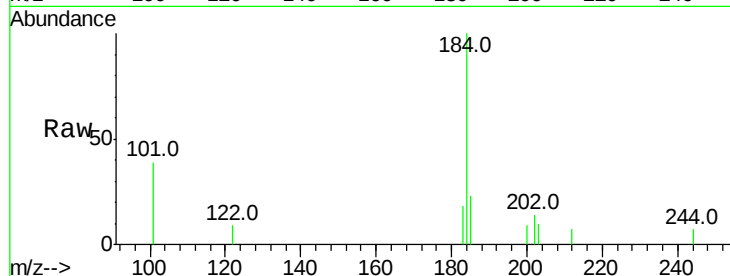
185 23.2 15.0 22.4#

183 18.4 12.6 19.0

Manual Integrations
APPROVED

UMANGI

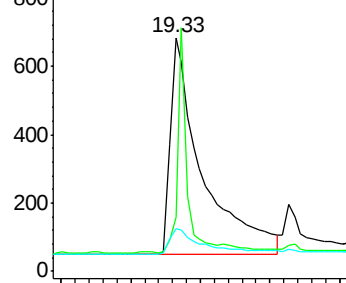
3/2/2016 1:19:16 PM



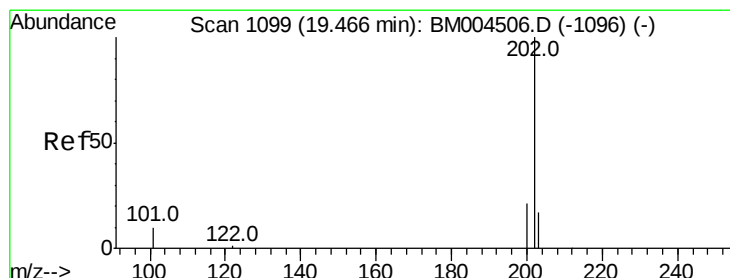
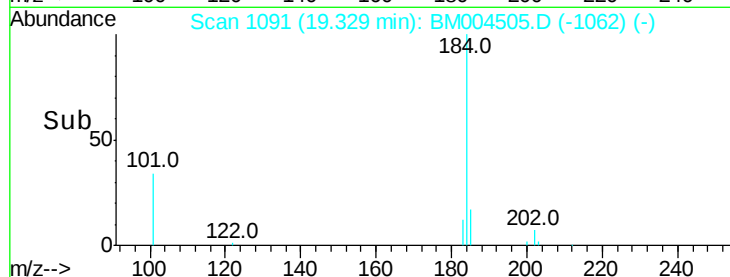
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.00 19.20 19.40 19.60



#28

Pyrene

Concen: 0.69 ng

RT: 19.47 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

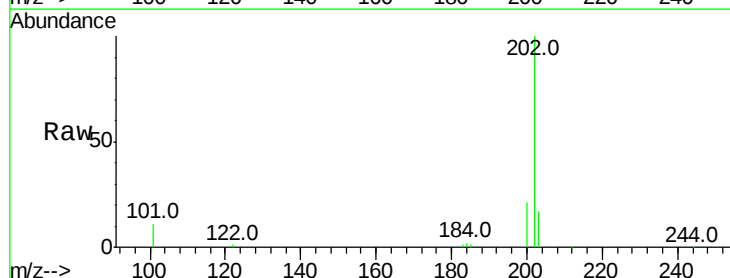
Tgt Ion:202 Resp: 20014

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

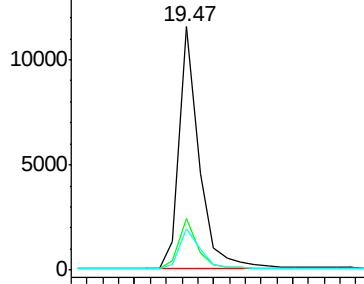
203 17.3 13.7 20.5



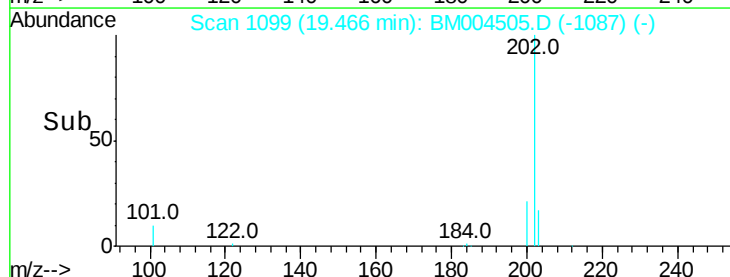
Abundance Ion 202.00 (201.70 to 202.70): E

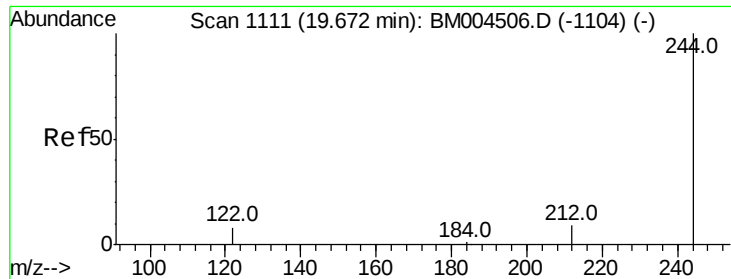
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.50 19.60





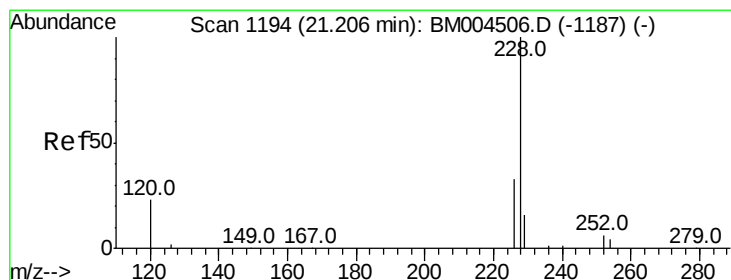
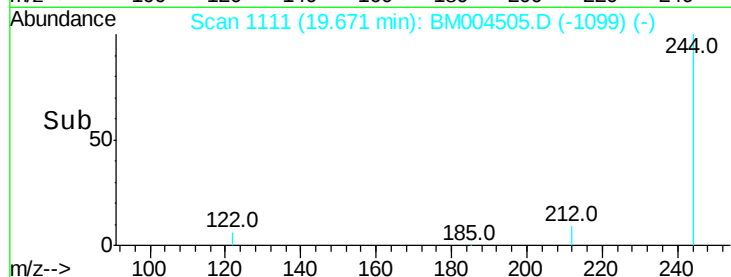
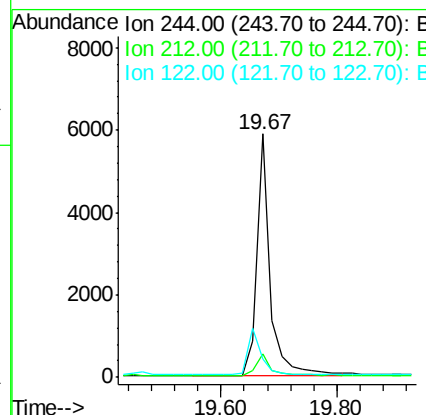
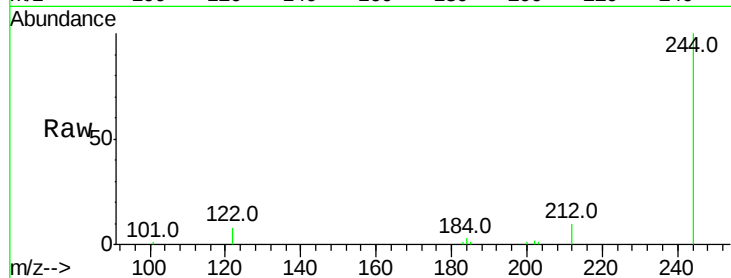
#29
 Terphenyl-d14
 Concen: 0.94 ng
 RT: 19.67 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BM004505.D
 Acq: 02 Mar 2016 04:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.8	11.6
122	7.6	7.0	10.4

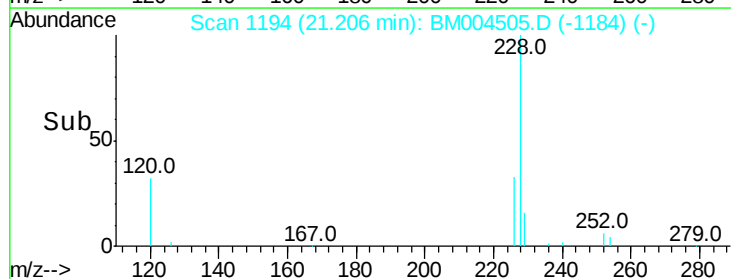
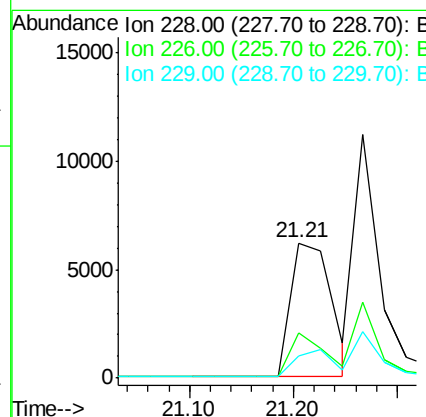
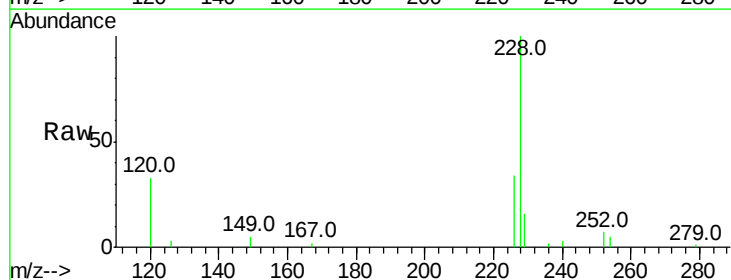
Manual Integrations
 APPROVED

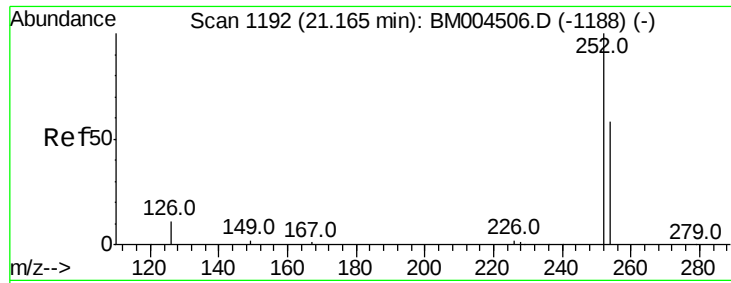
UMANGI
 3/2/2016 1:19:16 PM



#30
 Benzo(a)anthracene
 Concen: 0.63 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BM004505.D
 Acq: 02 Mar 2016 04:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	27.0	40.4
229	16.3	13.1	19.7





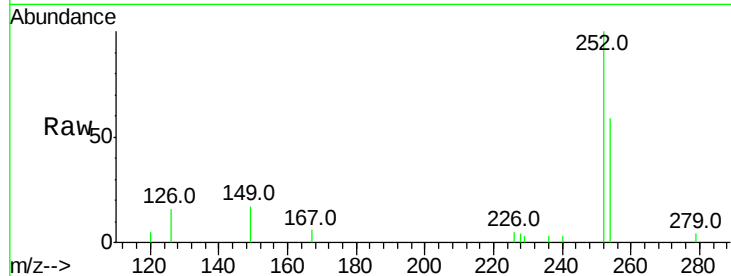
#31
 3,3'-Dichlorobenzidine
 Concen: 0.33 ng
 RT: 21.16 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BM004505.D
 Acq: 02 Mar 2016 04:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

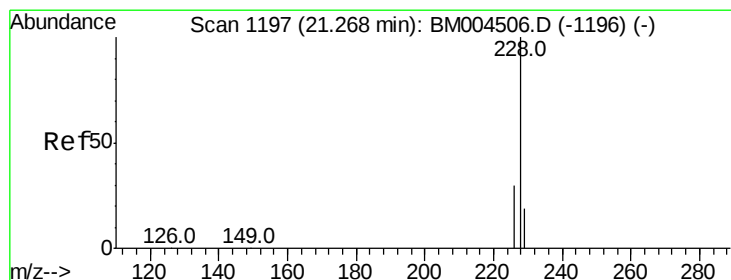
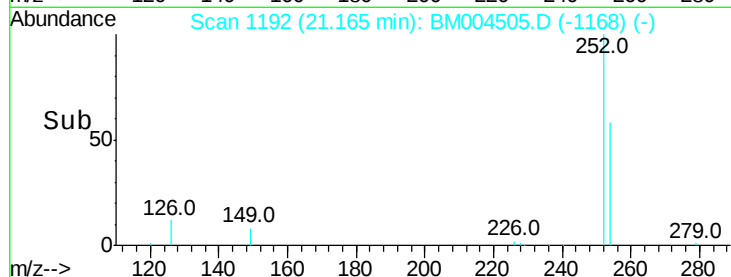
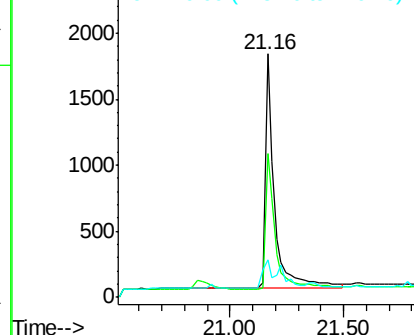
Tot Ion	Ratio	Lower	Upper
252	100		
254	58.9	47.4	71.0
126	15.5	11.0	16.6

Manual Integrations
 APPROVED

UMANGI
 3/2/2016 1:19:16 PM



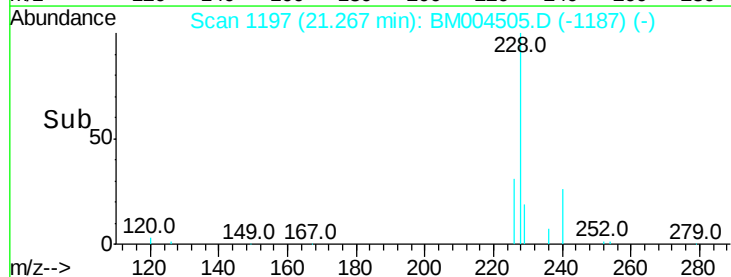
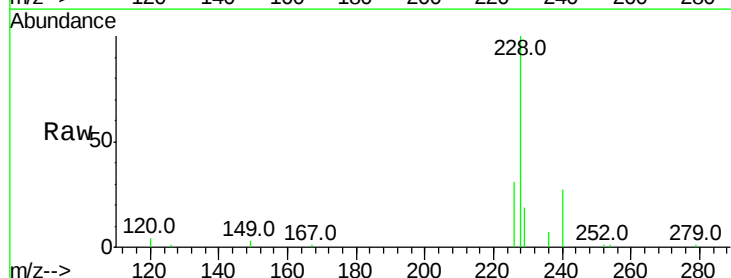
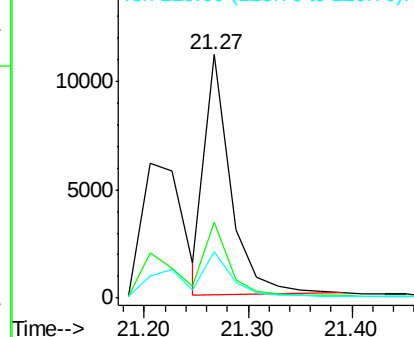
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

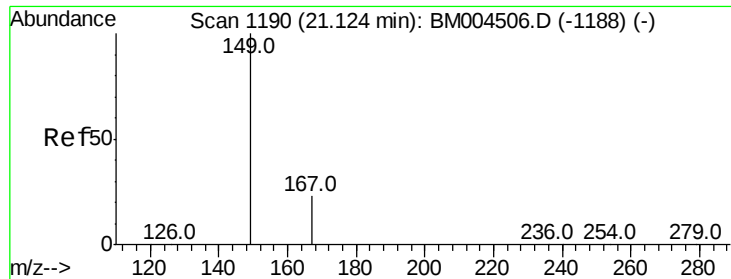


#32
 Chrysene
 Concen: 0.35 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BM004505.D
 Acq: 02 Mar 2016 04:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	19.0	15.2	22.8

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





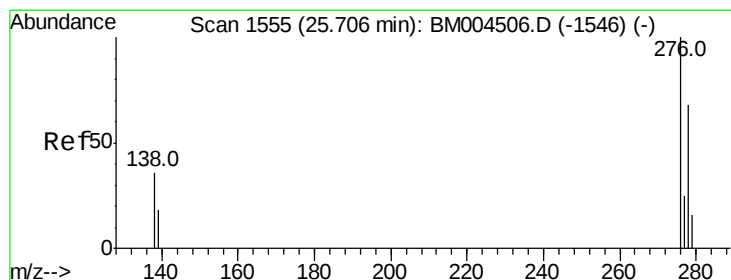
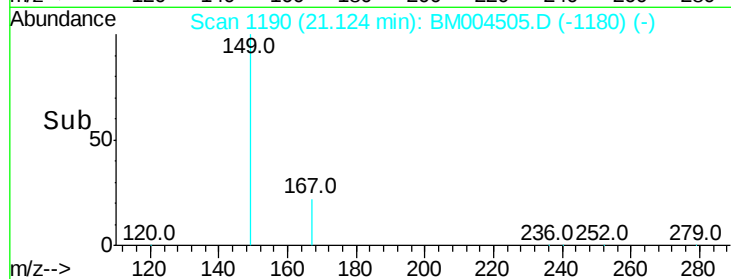
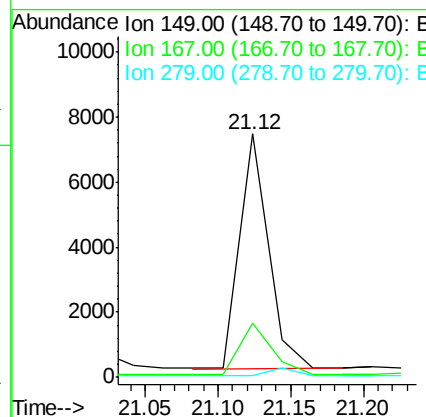
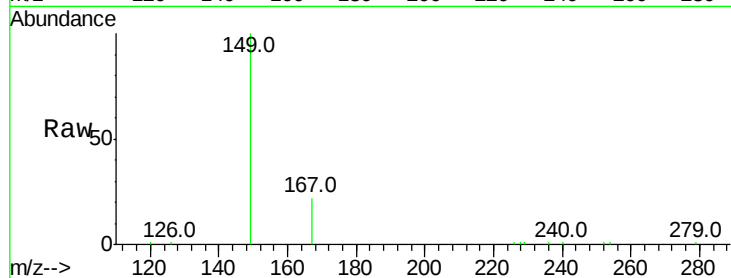
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.51 ng
 RT: 21.12 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BM004505.D
 Acq: 02 Mar 2016 04:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Tot Ion	Ratio	Resp	Lower	Upper
149	100	10133		
167	24.4	20.2	30.4	
279	0.0	0.0	0.0	

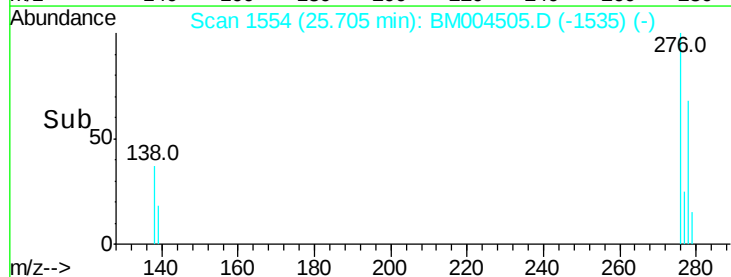
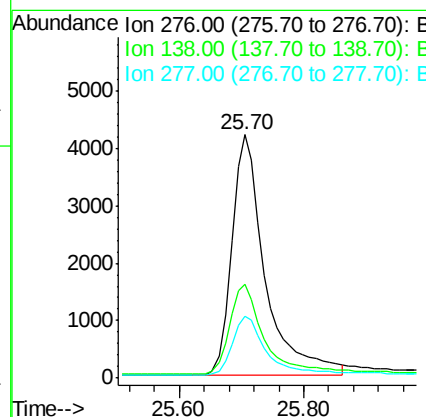
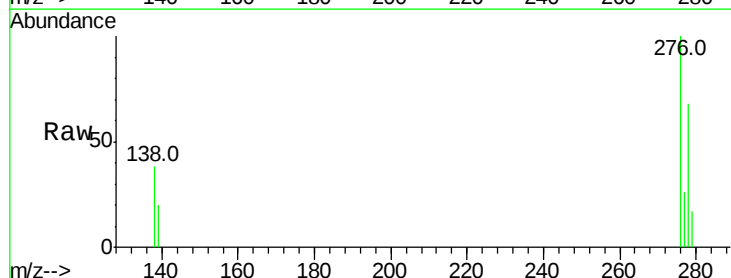
Manual Integrations
 APPROVED

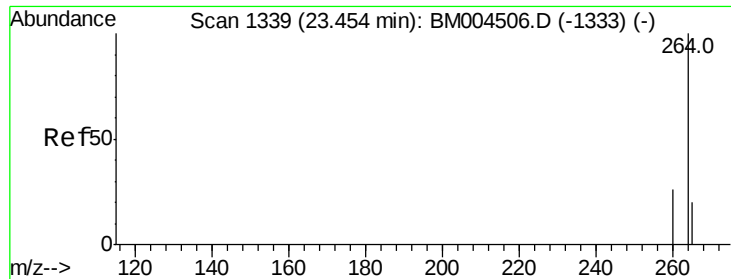
UMANGI
 3/2/2016 1:19:16 PM



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.63 ng
 RT: 25.70 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BM004505.D
 Acq: 02 Mar 2016 04:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	15652		
138	38.8	31.0	46.4	
277	24.8	19.9	29.9	





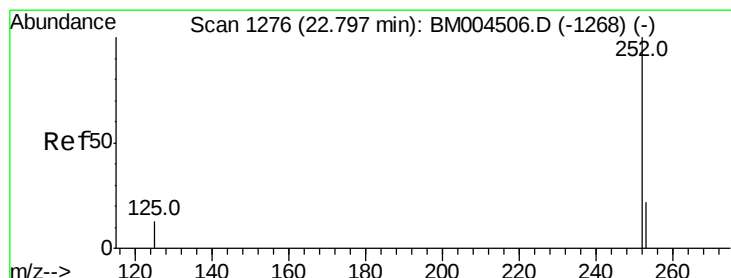
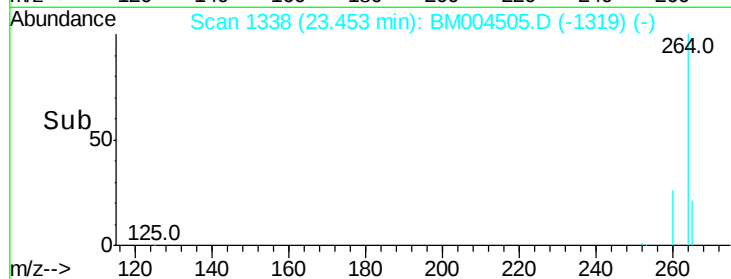
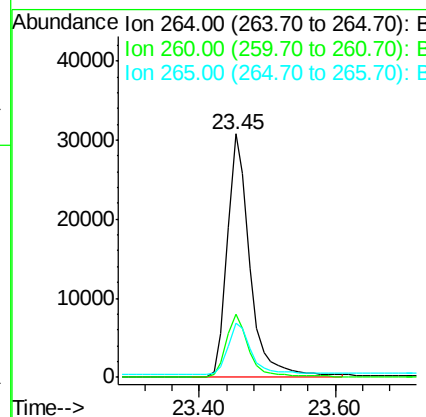
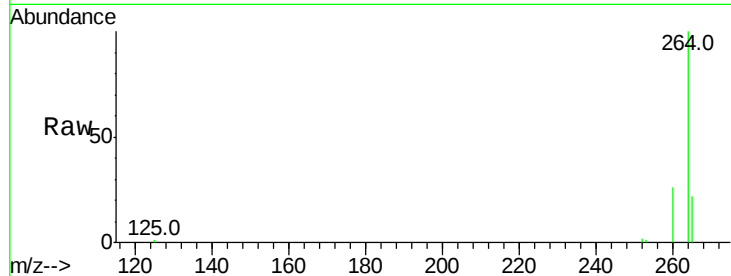
#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BM004505.D
Acq: 02 Mar 2016 04:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tot Ion:	264	Resp:	70450
Ion Ratio	Lower	Upper	
264	100		
260	25.8	21.2	31.8
265	22.2	17.4	26.0

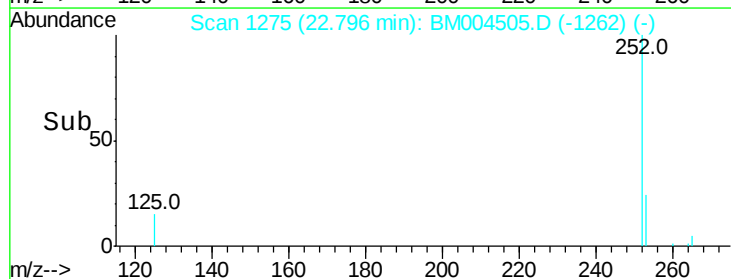
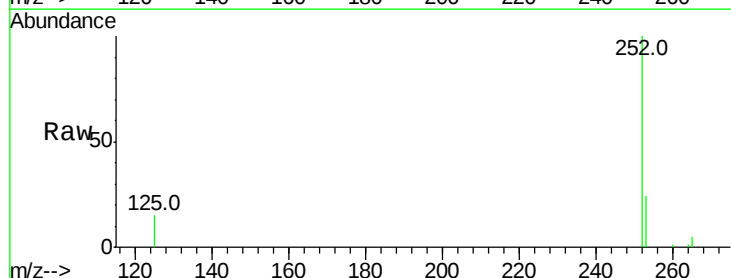
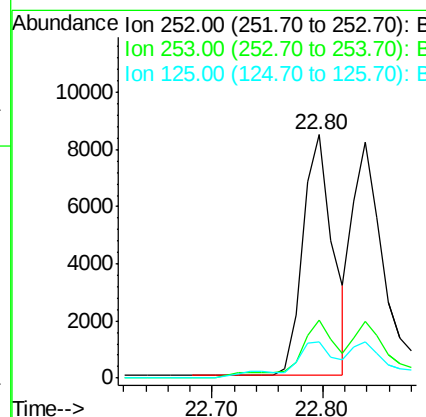
Manual Integrations
APPROVED

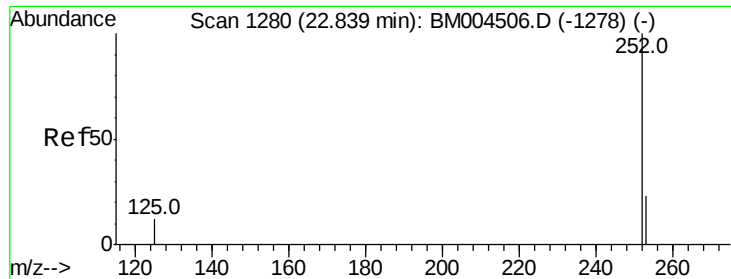
UMANGI
3/2/2016 1:19:16 PM



#36
Benzo(b)fluoranthene
Concen: 0.70 ng
RT: 22.80 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM004505.D
Acq: 02 Mar 2016 04:57

Tgt Ion:	252	Resp:	18687
Ion Ratio	Lower	Upper	
252	100		
253	24.0	19.0	28.4
125	15.0	11.7	17.5





#37

Benzo(k)fluoranthene

Concen: 0.62 ng

RT: 22.84 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Instrument :

BNA_M

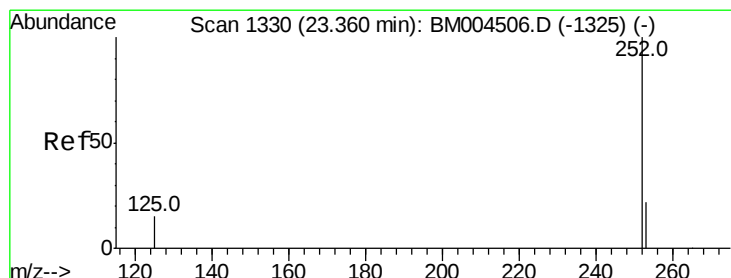
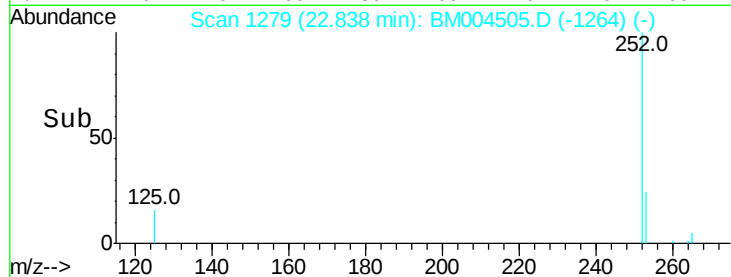
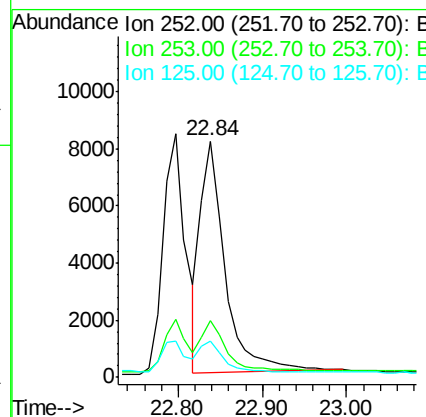
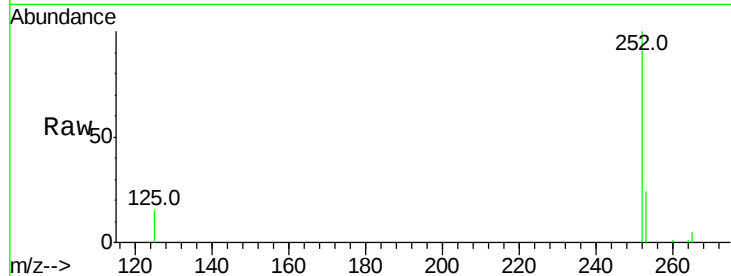
ClientSampleId :

SSTDICC0.8

Tot Ion:	252	Resp:	16278
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.9	28.3
125	15.4	11.9	17.9

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:19:16 PM



#38

Benzo(a)pyrene

Concen: 0.62 ng

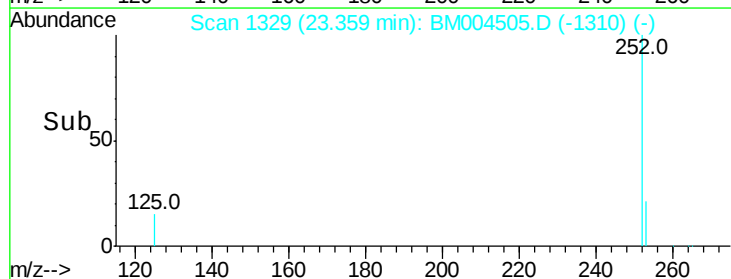
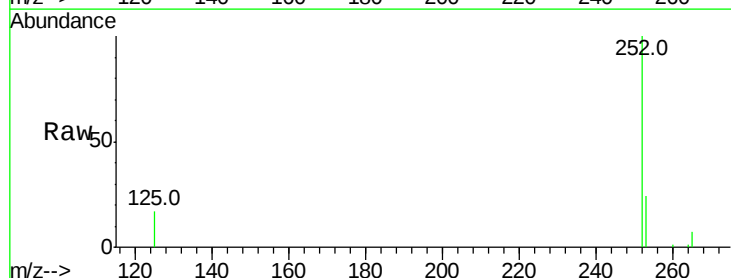
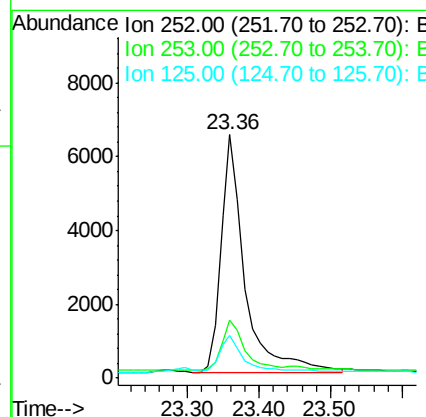
RT: 23.36 min Scan# 1329

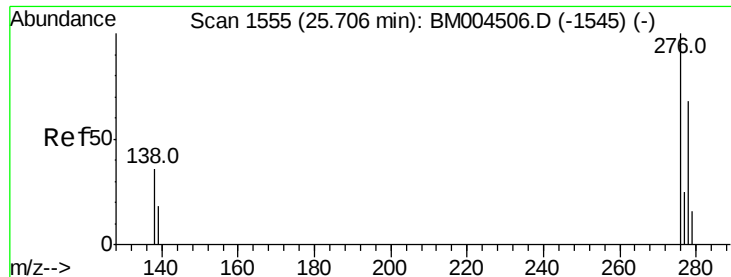
Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Tgt Ion:	252	Resp:	14987
Ion Ratio	Lower	Upper	
252	100		
253	23.9	19.0	28.6
125	17.5	13.7	20.5





#39

Dibenzo(a,h)anthracene

Concen: 0.58 ng

RT: 25.70 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BM004505.D

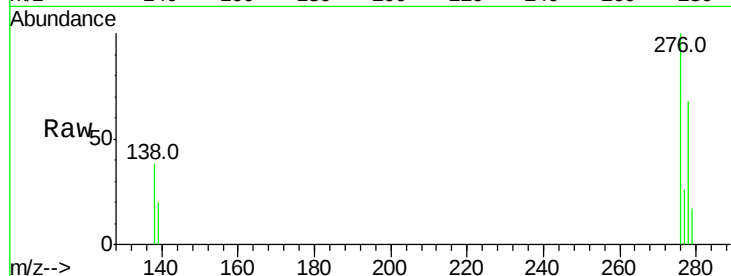
Acq: 02 Mar 2016 04:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8



Tot Ion:278 Resp: 12108

Ion Ratio Lower Upper

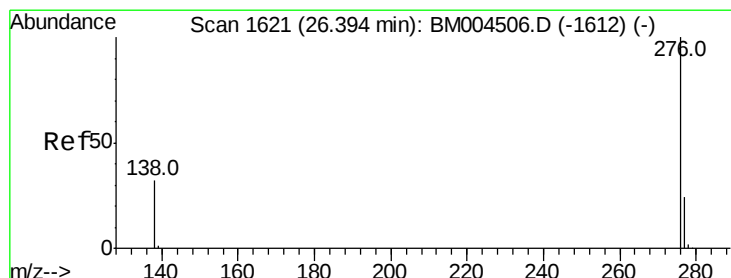
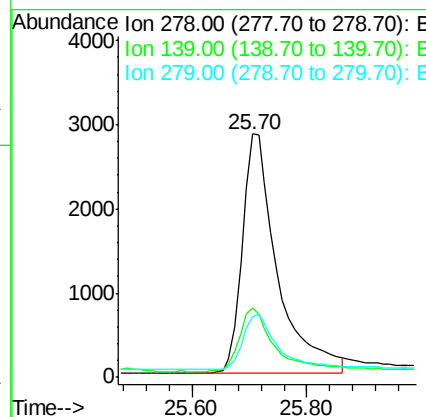
278 100

139 28.7 22.6 33.8

279 25.1 20.1 30.1

Manual Integrations
APPROVED

UMANGI
3/2/2016 1:19:16 PM



#40

Benzo(g,h,i)perylene

Concen: 0.60 ng

RT: 26.39 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BM004505.D

Acq: 02 Mar 2016 04:57

Tgt Ion:276 Resp: 13844

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.8

138 34.1 26.6 40.0

